

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 2001:

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 2001 was "Speeding less than 10 miles over the limit".

B. Time

- ◆ More than 70% of fatal collisions occurred between the hours of 3:01 p.m. and 6:00 a.m.
- ◆ The months of August, July, and October had the most fatal collisions, 93, 90, and 90 respectively. July has the most traffic fatalities (102) in 2001.
- ◆ 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 11 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 2001.
- ◆ A total of 4.8% of the traffic collisions involving railway trains, 8.6% involving pedestrians, 3.9% involving motorcycles, 4.1% involving bicycles, 6.3% involving mopeds and 2.1% 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 primary contributing factor in over 91.6% of all reported traffic crashes was driver-related in 2001. 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 2001 are as follows:

<u>Violation</u>	<u>Amount</u>	<u>%</u>
1. Speeding < 10 MPH Over Speed Limit	20,848	29.5
2. Failure to Yield Right of Way	13,411	18.9
3. Driving Under the Influence	3,997	5.6
4. Driver's License Violation	3,297	4.7
5. Disregarded Sign Signal	3,227	4.6
6. Following Too Close	2,571	3.6
7. Changing Lanes Unlawfully	2,144	3.0
8. Driving Under Suspension	1,547	2.2
9. Uninsured	1,378	1.9
10. Improper Turning	1,304	1.8
<u>11. Other Violations</u>	<u>17,060</u>	<u>24.1</u>
Total	70,784	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%) of all licensed male drivers between the ages of 15 and 24 years of age was involved in a traffic collision in 2001. Also 1 in 7 (14%) 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. One out of every 121 males age 15 to 24 was involved in a fatal collision.

LICENSED DRIVERS BY AGE AND SEX*

AGE	MALE	%	FEMALE	%	TOTAL	%
14**	45	0.0	6	0.0	51	0.0
15	3,059	0.1	2,695	0.1	5,754	0.2
16	12,722	0.4	11,436	0.4	24,158	0.8
17	17,695	0.6	16,592	0.6	34,287	1.2
18	20,925	0.7	19,784	0.7	40,709	1.4
19	22,712	0.8	22,655	0.8	45,367	1.6
20	23,284	0.8	23,970	0.8	47,254	1.7
21	23,979	0.8	24,845	0.9	48,824	1.7
22	24,270	0.8	25,374	0.9	49,644	1.7
23	24,672	0.9	25,711	0.9	50,383	1.8
24	25,032	0.9	26,803	0.9	51,835	1.8
25-29	126,486	4.4	133,333	4.7	259,819	9.1
30-34	137,274	4.8	144,773	5.1	282,047	9.9
35-39	140,084	4.9	150,694	5.3	290,778	10.2
40-44	141,895	5.0	153,935	5.4	295,830	10.4
45-49	134,315	4.7	147,388	5.2	281,703	9.9
50-54	125,896	4.4	135,590	4.7	261,486	9.2
55-59	103,803	3.6	108,738	3.8	212,541	7.4
60-64	79,684	2.8	83,341	2.9	163,025	5.7
65-69	66,246	2.3	69,827	2.4	136,073	4.8
70-74	53,206	1.9	57,648	2.0	110,854	3.9
75-79	40,238	1.4	46,179	1.6	86,417	3.0
80-84	23,577	0.8	27,547	1.0	51,124	1.8
85 & Over	11,827	0.4	13,900	0.5	25,727	0.9
TOTAL	1,382,926	48.4	1,472,764	51.6	2,855,690	100.0

*As of 4/06/02

**Moped License Only

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

TOTAL COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	81	139	1	221
15	715	837	0	1,552
16	2,150	2,674	1	4,825
17	2,727	3,337	3	6,067
18	2,776	3,770	2	6,548
19	2,675	3,547	1	6,223
20	2,509	3,245	0	5,754
21	2,444	3,209	0	5,653
22	2,240	2,942	1	5,183
23	2,067	2,638	0	4,705
24	1,962	2,469	0	4,431
25 to 29	8,492	11,100	1	19,593
30 to 34	8,138	9,998	2	18,138
35 to 39	7,904	9,927	4	17,835
40 to 44	7,095	8,975	3	16,073
45 to 49	5,778	7,814	2	13,594
50 to 54	5,004	6,719	3	11,726
55 to 59	3,490	5,067	1	8,558
60 to 64	2,452	3,784	1	6,237
65 to 69	1,936	2,939	0	4,875
70 to 74	1,634	2,326	1	3,961
75 to 79	1,321	1,759	0	3,080
80 to 84	720	1,020	0	1,740
85 & Older	317	430	0	747
UNKNOWN*	193	842	7,182	8,217
TOTALS	76,820	101,507	7,209	185,536

FATAL COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	1	1	0	2
15	7	6	0	13
16	9	14	0	23
17	11	24	0	35
18	9	36	0	45
19	10	34	0	44
20	5	35	0	40
21	10	31	0	41
22	7	26	0	33
23	11	32	0	43
24	8	30	0	38
25 to 29	27	140	0	167
30 to 34	23	116	0	139
35 to 39	48	104	0	152
40 to 44	30	97	0	127
45 to 49	24	85	0	109
50 to 54	24	59	0	83
55 to 59	16	57	0	73
60 to 64	9	39	0	48
65 to 69	8	22	0	30
70 to 74	14	15	0	29
75 to 79	10	25	0	35
80 to 84	7	6	0	13
85 & Older	5	11	0	16
UNKNOWN*	0	0	41	41
TOTALS	333	1,045	41	1,419

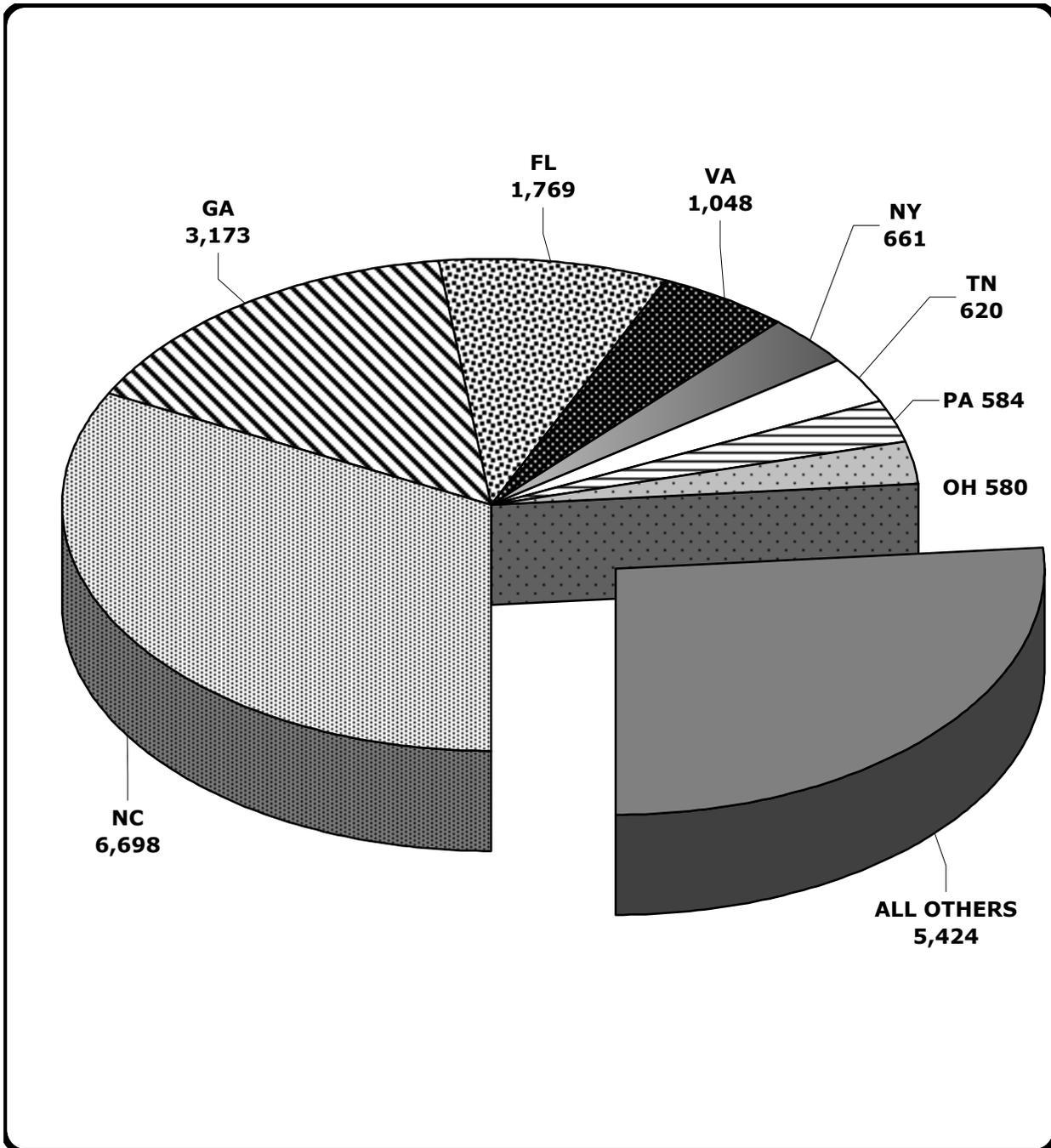
INJURY COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	41	63	1	105
15	219	263	0	482
16	681	832	0	1,513
17	887	1,021	1	1,909
18	923	1,241	2	2,166
19	930	1,093	0	2,023
20	808	1,036	0	1,844
21	819	989	0	1,808
22	750	945	1	1,696
23	660	840	0	1,500
24	702	811	0	1,513
25 to 29	2,922	3,466	0	6,388
30 to 34	2,729	3,243	2	5,974
35 to 39	2,710	3,163	1	5,874
40 to 44	2,393	2,903	0	5,296
45 to 49	1,943	2,502	1	4,446
50 to 54	1,640	2,049	1	3,690
55 to 59	1,172	1,528	0	2,700
60 to 64	842	1,166	0	2,008
65 to 69	659	899	0	1,558
70 to 74	500	712	1	1,213
75 to 79	438	563	0	1,001
80 to 84	238	325	0	563
85 & Older	99	146	0	245
UNKNOWN*	64	270	1,679	2,013
TOTALS	25,769	32,069	1,690	59,528

PROPERTY DAMAGE ONLY COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	39	75	0	114
15	489	568	0	1,057
16	1,460	1,828	1	3,289
17	1,829	2,292	2	4,123
18	1,844	2,493	0	4,337
19	1,735	2,420	1	4,156
20	1,696	2,174	0	3,870
21	1,615	2,189	0	3,804
22	1,483	1,971	0	3,454
23	1,396	1,766	0	3,162
24	1,252	1,628	0	2,880
25 to 29	5,543	7,494	1	13,038
30 to 34	5,386	6,639	0	12,025
35 to 39	5,146	6,660	3	11,809
40 to 44	4,672	5,975	3	10,650
45 to 49	3,811	5,227	1	9,039
50 to 54	3,340	4,611	2	7,953
55 to 59	2,302	3,482	1	5,785
60 to 64	1,601	2,579	1	4,181
65 to 69	1,269	2,018	0	3,287
70 to 74	1,120	1,599	0	2,719
75 to 79	873	1,171	0	2,044
80 to 84	475	689	0	1,164
85 & Older	213	273	0	486
UNKNOWN*	129	572	5,462	6,163
TOTALS	50,718	68,393	5,478	124,589

* Includes drivers whose age and/or sex were not recorded on the report, hit and run vehicles for which driver information was not available 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*

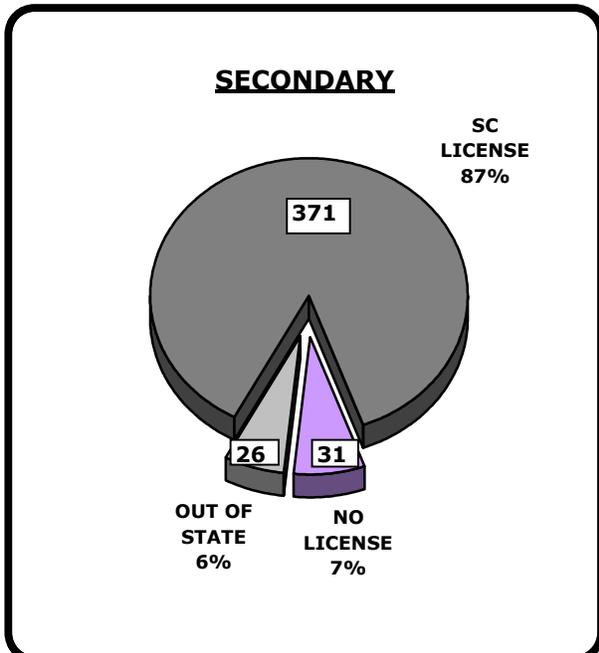
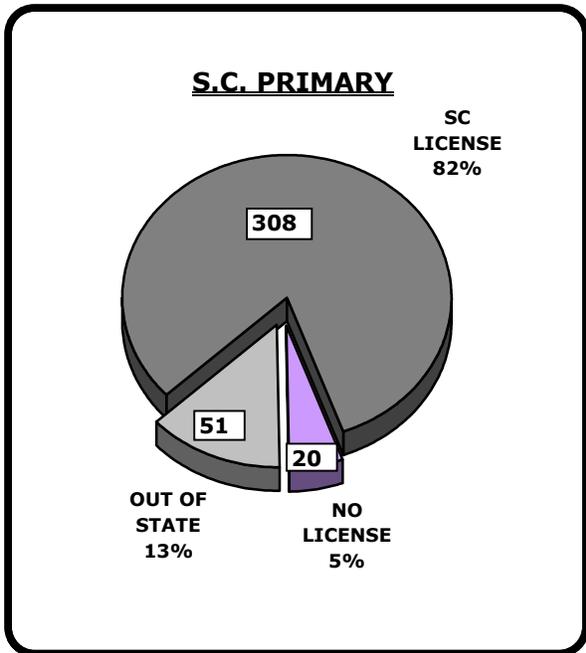
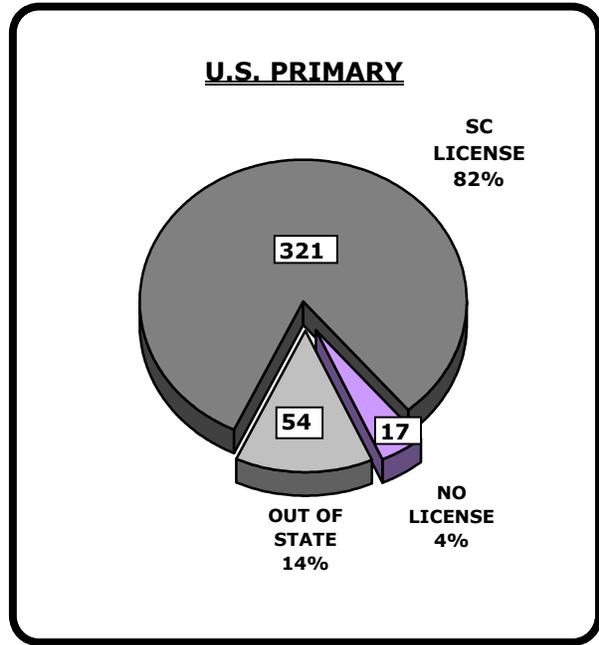
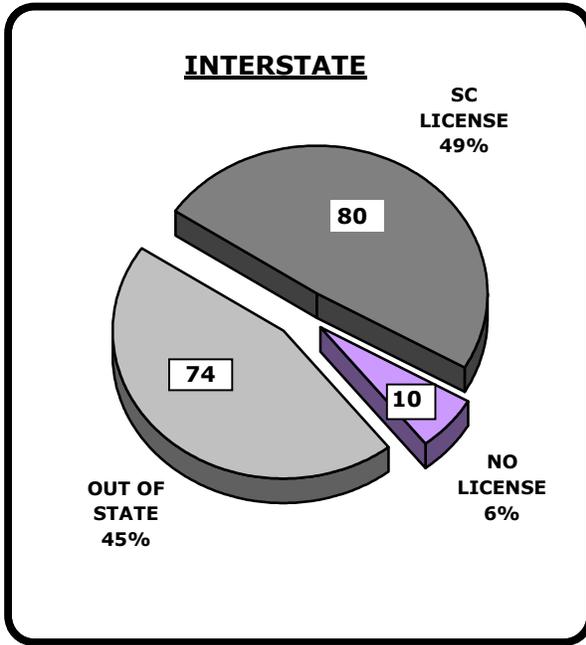


SOUTH CAROLINA DRIVERS TOTALED 185,542

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

DRIVERS INVOLVED IN FATAL COLLISIONS

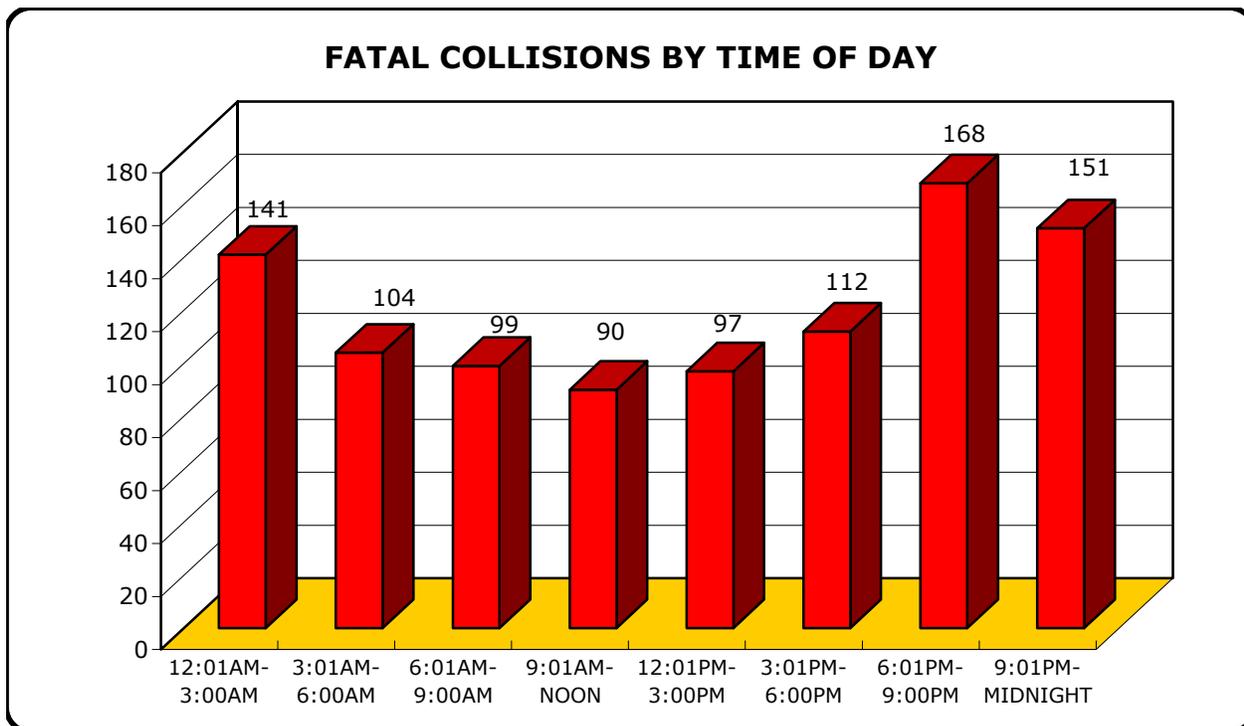
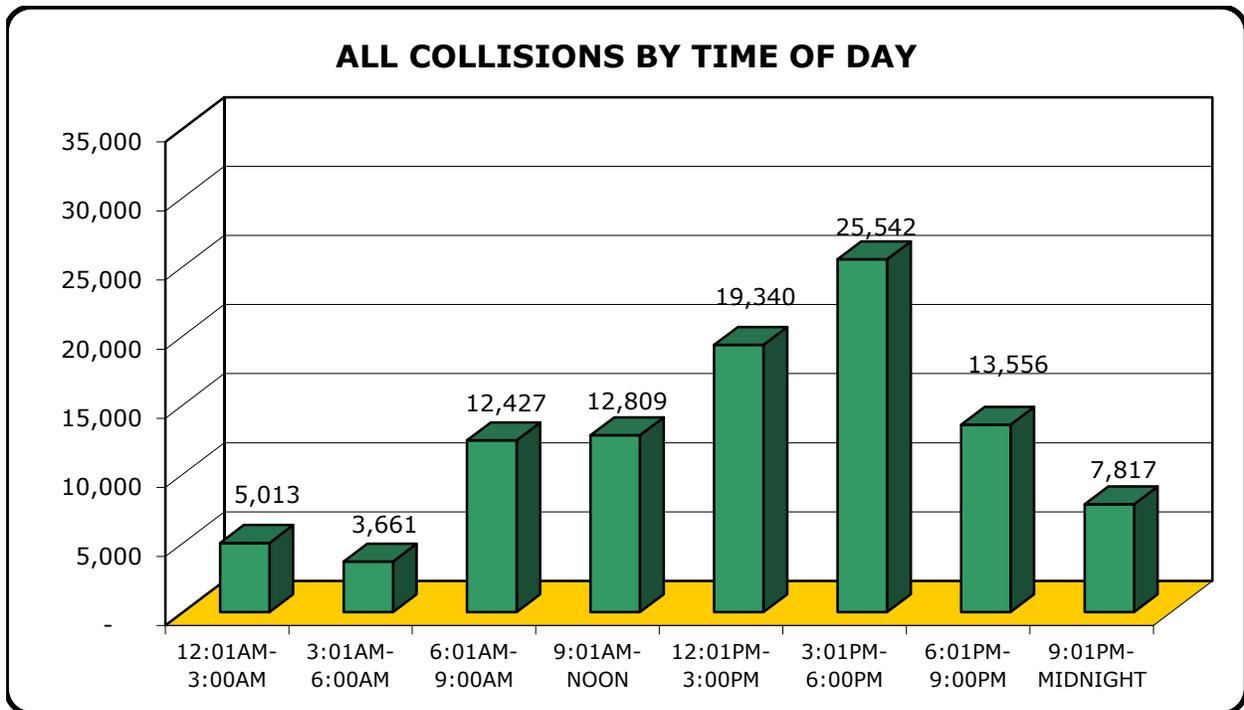
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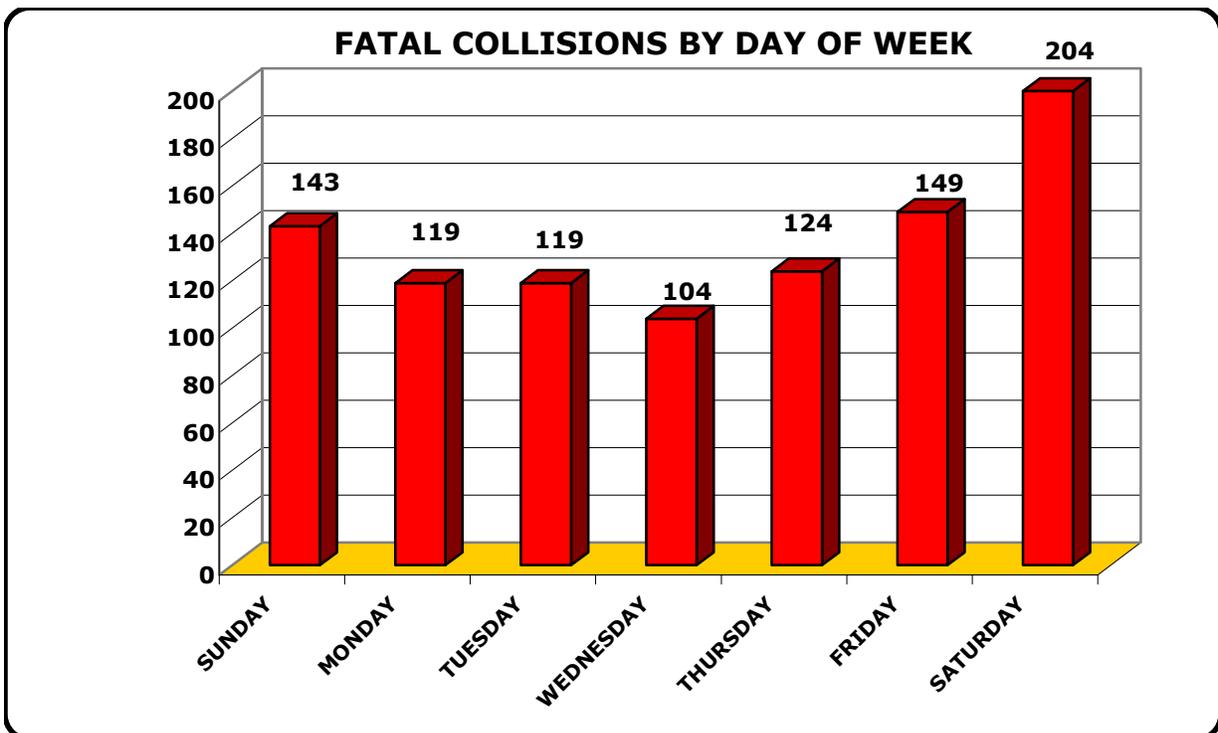
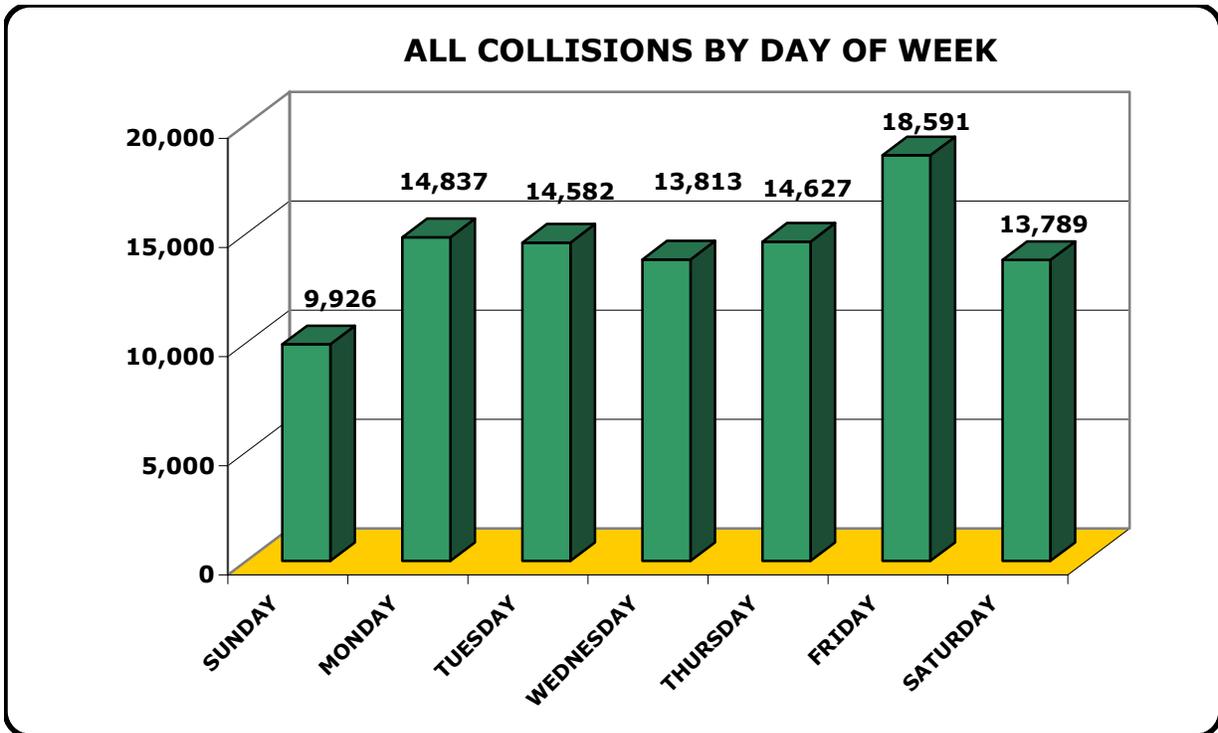


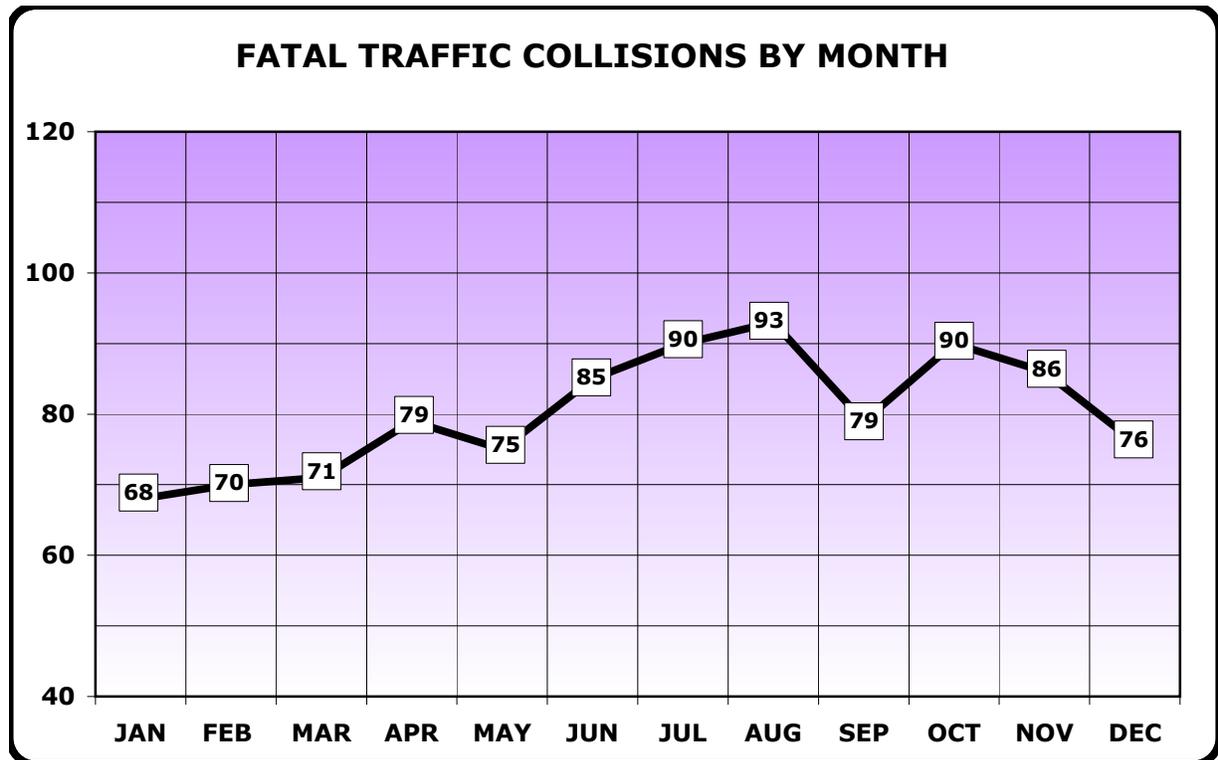
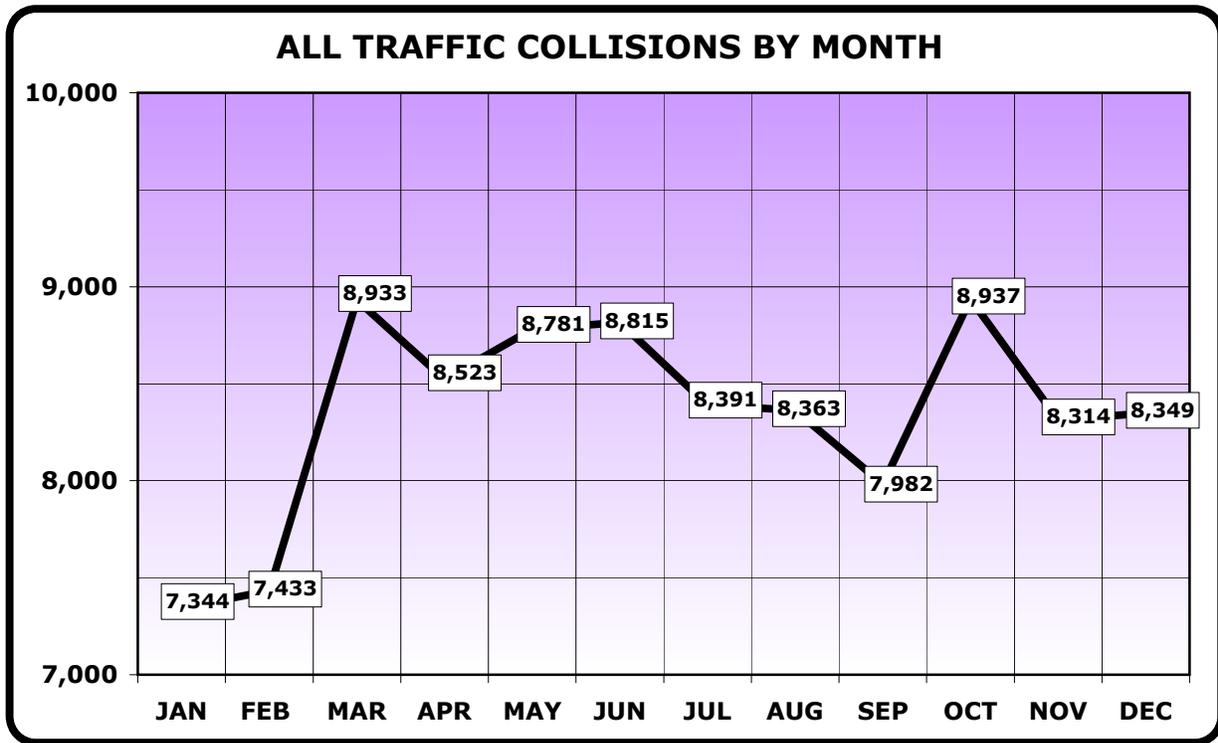
B. Time

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 2001 data are as follows.

- ◆ More traffic deaths occurred on the three weekend days (Friday, Saturday, Sunday - 547). Than on the four weekdays (Monday, Tuesday, Wednesday, Thursday - 513).
- ◆ 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 6:01 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 59% 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 18,591 collisions during 2001, accounting for more than 18.6% of the total. No other day of the week experienced as many as 15,000 collisions. The fewest traffic collisions were reported on Sundays with 9,926 or 9.9%.
- ◆ As in past years, more fatal collisions were reported on Saturday (204) than any other day. This accounted for about 21.2% of all fatal collisions and resulted in the deaths of 226 persons. The fewest number of fatal collisions occurred on Wednesday with 104, resulting in 117 fatalities. This represents the fourth year in a row that all seven days of the week experienced at least 100 fatal collisions.
- ◆ October was the leading month for all collisions in 2001, with 8,937. The leading month for fatal collisions was August with 93 collisions. July had the most fatalities with 102. January had the fewest fatal collisions each with 68. March also had the fewest fatalities with 75.
- ◆ One, out of the six 2001 holiday periods, had more traffic fatalities than in 2000. This was the Labor Day holidays.







TRAFFIC COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	141	1,767	3,105	5,013	155	2,600
3:01am-6:00am	104	1,235	2,322	3,661	117	1,756
6:01am-9:00am	99	3,699	8,629	12,427	109	5,789
9:01am-Noon	90	3,945	8,774	12,809	97	6,163
12:01pm-3:00pm	97	6,111	13,132	19,340	108	10,027
3:01pm-6:00pm	112	8,117	17,313	25,542	125	13,544
6:01pm-9:00pm	168	4,678	8,710	13,556	182	7,902
9:01pm-Midnight	151	2,829	4,837	7,817	167	4,569
TOTALS	962	32,381	66,822	100,165	1,060	52,350

*Property Damage Only

TRAFFIC COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	143	3,421	6,362	9,926	158	5,761
Monday	119	4,712	10,006	14,837	135	7,503
Tuesday	119	4,632	9,831	14,582	128	7,241
Wednesday	104	4,391	9,318	13,813	117	7,061
Thursday	124	4,587	9,916	14,627	133	7,305
Friday	149	5,787	12,655	18,591	163	9,371
Saturday	204	4,851	8,734	13,789	226	8,108
TOTALS	962	32,381	66,822	100,165	1,060	52,350

*Property Damage Only

TRAFFIC COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	68	2,233	5,043	7,344	79	3,575
February	70	2,384	4,979	7,433	79	3,895
March	71	2,835	6,027	8,933	75	4,648
April	79	2,909	5,535	8,523	88	4,755
May	75	2,975	5,731	8,781	81	4,761
June	85	2,854	5,876	8,815	94	4,586
July	90	2,656	5,645	8,391	102	4,305
August	93	2,786	5,484	8,363	101	4,529
September	79	2,592	5,311	7,982	88	4,144
October	90	2,835	6,012	8,937	97	4,583
November	86	2,667	5,561	8,314	94	4,231
December	76	2,655	5,618	8,349	82	4,338
TOTALS	962	32,381	66,822	100,165	1,060	52,350

*Property Damage Only

**PERSONS KILLED AND FATAL COLLISIONS
FOR SELECTED HOLIDAY PERIODS 1992-2001**

Holiday & Years	Time Beginning	Days & Dates	Hours	Actual Holiday	Persons Killed	Fatal Collisions
Memorial Day						
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.	05/26-05/29	78	Mon	10	10
2001	6 p.m.	05/25-05/28	78	Mon	7	7
Fourth of July						
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	21	20
2001	6 p.m.	07/03-07/04	30	Wed	4	4
Labor Day						
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.	09/01-09/04	78	Mon	10	10
2001	6 p.m.	08/31-09/03	78	Mon	14	14

**PERSONS KILLED AND FATAL COLLISIONS
FOR SELECTED HOLIDAY PERIODS 1992-2001**

Holiday & Years	Time Beginning	Days & Dates	Hours	Actual Holiday	Persons Killed	Fatal Collisions
Thanksgiving						
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	8	6
2001	6 p.m.	11/21-11/25	102	Thur	16	12
Christmas						
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	Mon	9	9
2001	6 p.m.	12/21-12/25	102	Tue	12	11
New Years						
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	15	11
2001	6 p.m.	12/28/01-01/01/02	102	Tue	10	9

TRAFFIC FATALITY CALENDAR

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

Monthly Total 79

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

Monthly Total 79

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

Monthly Total 75

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

Monthly Total 88

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

Monthly Total 81

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

Monthly Total 94

TRAFFIC FATALITY CALENDAR

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

Monthly Total 102

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

Total

Monthly Total 101

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

Monthly Total 88

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

Total

Monthly Total 97

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

Monthly Total 94

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

Total

Monthly Total 82

C. Location

No area of South Carolina was immune from traffic collisions in 2001. Every county experienced the tragedy of at least one fatal traffic collision during the year. Eight of the states 46 counties had at least 40 traffic fatalities during 2001. 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.

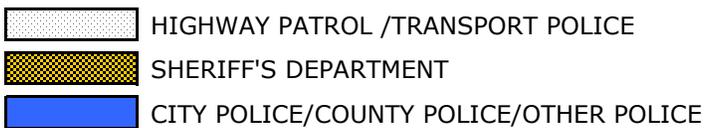
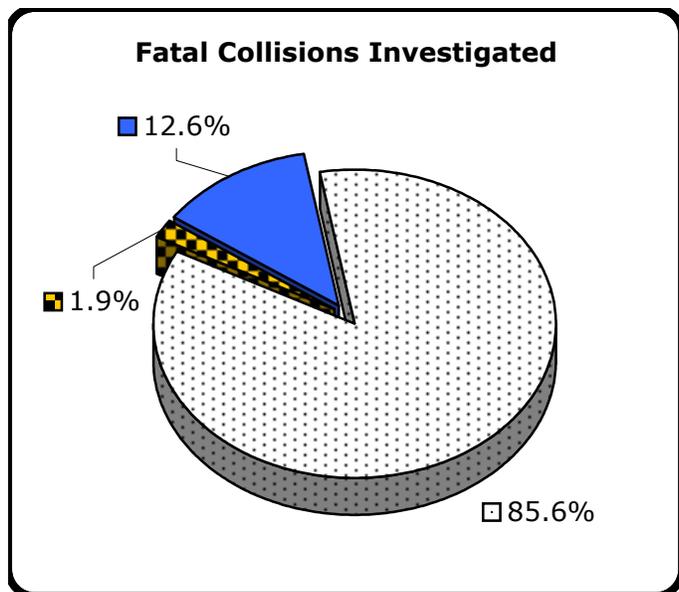
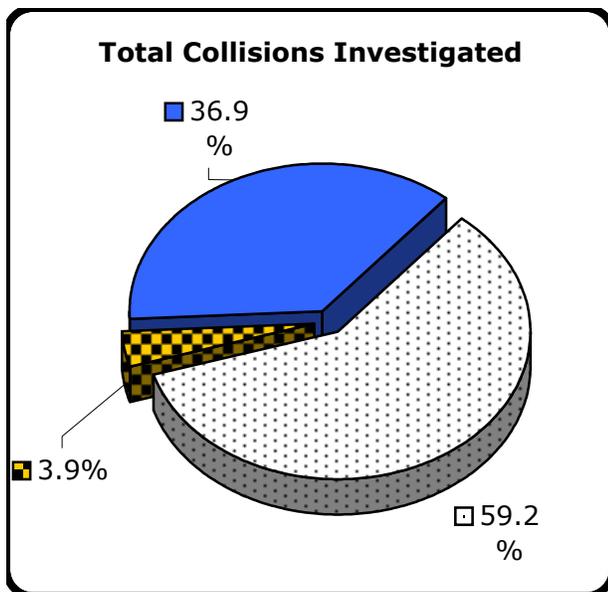
- ◆ In 2001, Charleston County had the most total traffic collisions (10,502), injury collisions (3,704) and non-fatal injuries (5,807). Greenville County had most fatal collisions (72) and the most Property Damage Only collisions (7,743). Greenville also had the most fatalities (81).
- ◆ A total of 59,257 collisions were investigated by the South Carolina Highway Patrol. This represents 59.2% of the total. The Highway Patrol investigated an even greater proportion of the fatal crashes – 85.6%.
- ◆ In 2001, Secondary and US Primary routes had the most traffic collisions. Respectively, they had 29.9% and 32.3% of the reported total. SC Primary routes were next, accounting for 22.8% of the total collisions.
- ◆ The Secondary routes accounted for the largest percentage of fatal collisions with 36.2% of all fatal collisions. The 348 fatal collisions that occurred on Secondary routes make more than three times the 107 fatal collisions reported on South Carolina's Interstates. (The 107 fatal collisions on interstates are an all time high).
- ◆ A total of 7,819 collisions occurred on the interstates. This was about 1/13 of the total reported traffic collisions for the year.

COLLISIONS INVESTIGATED BY AGENCY TYPE

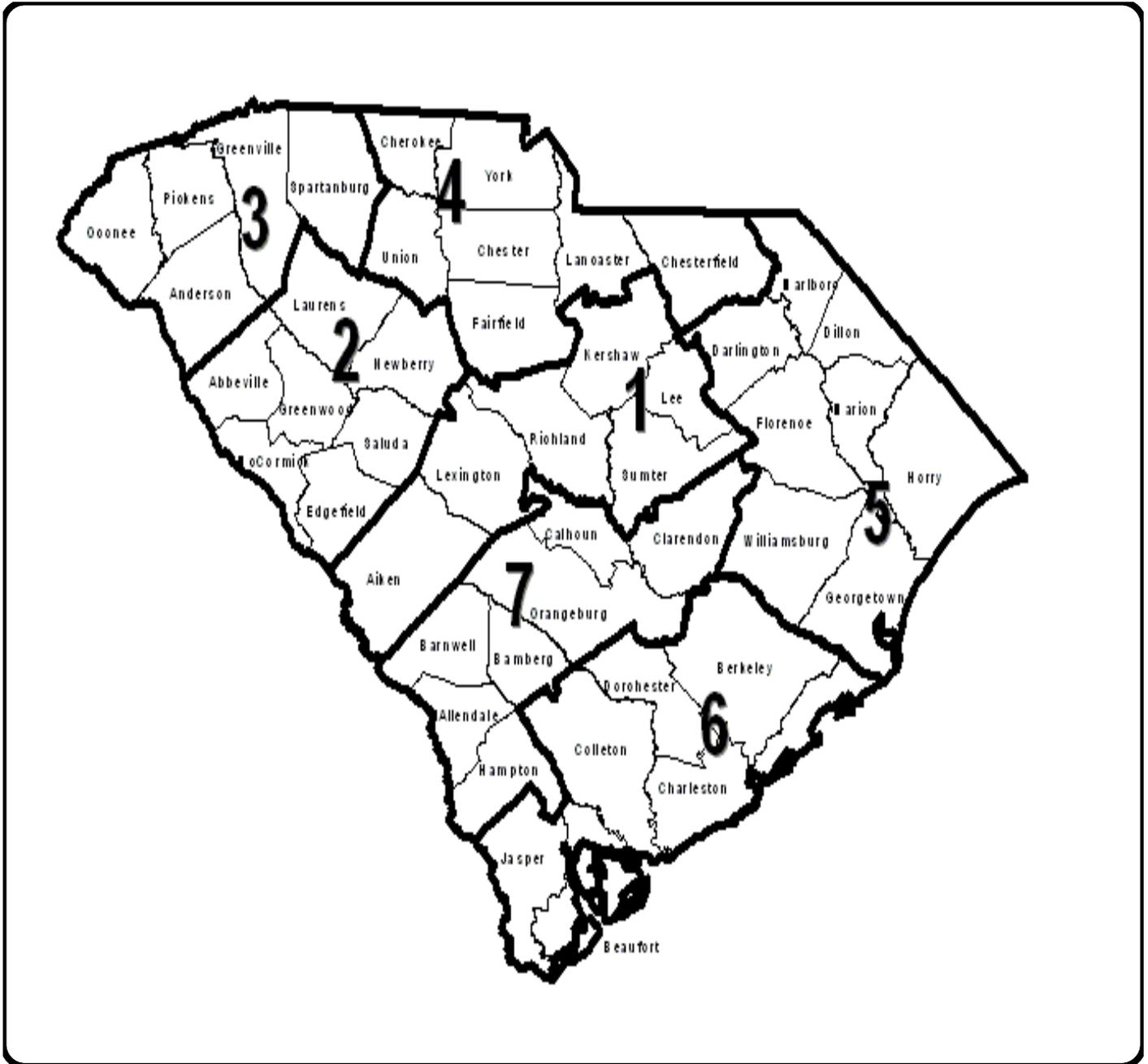
AGENCY TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
HIGHWAY PATROL / TRANSPORT POLICE	823	18,892	39,542	59,257	909	30,227
SHERIFF'S DEPARTMENT	18	1,392	2,500	3,910	20	2,199
CITY/COUNTY POLICE/OTHER POLICE**	121	12,097	24,780	36,998	131	19,924
TOTALS	962	32,381	66,822	100,165	1,060	52,350

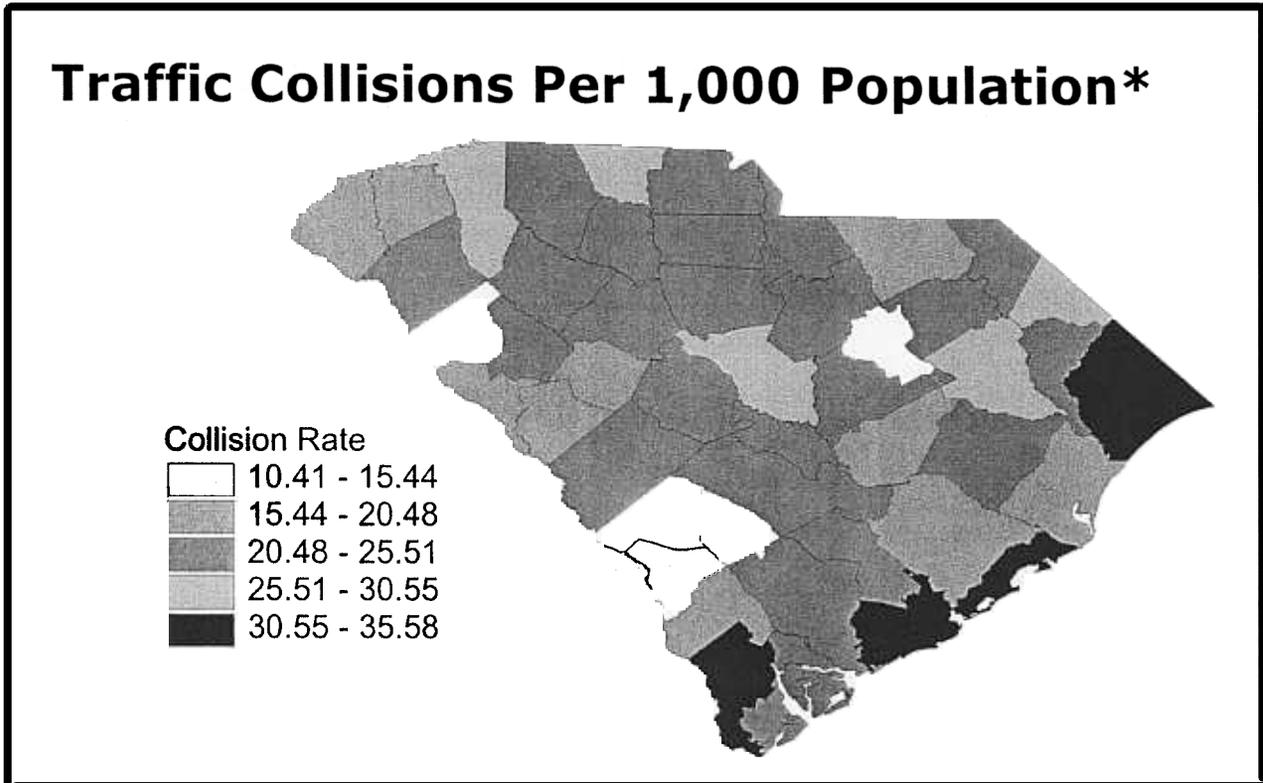
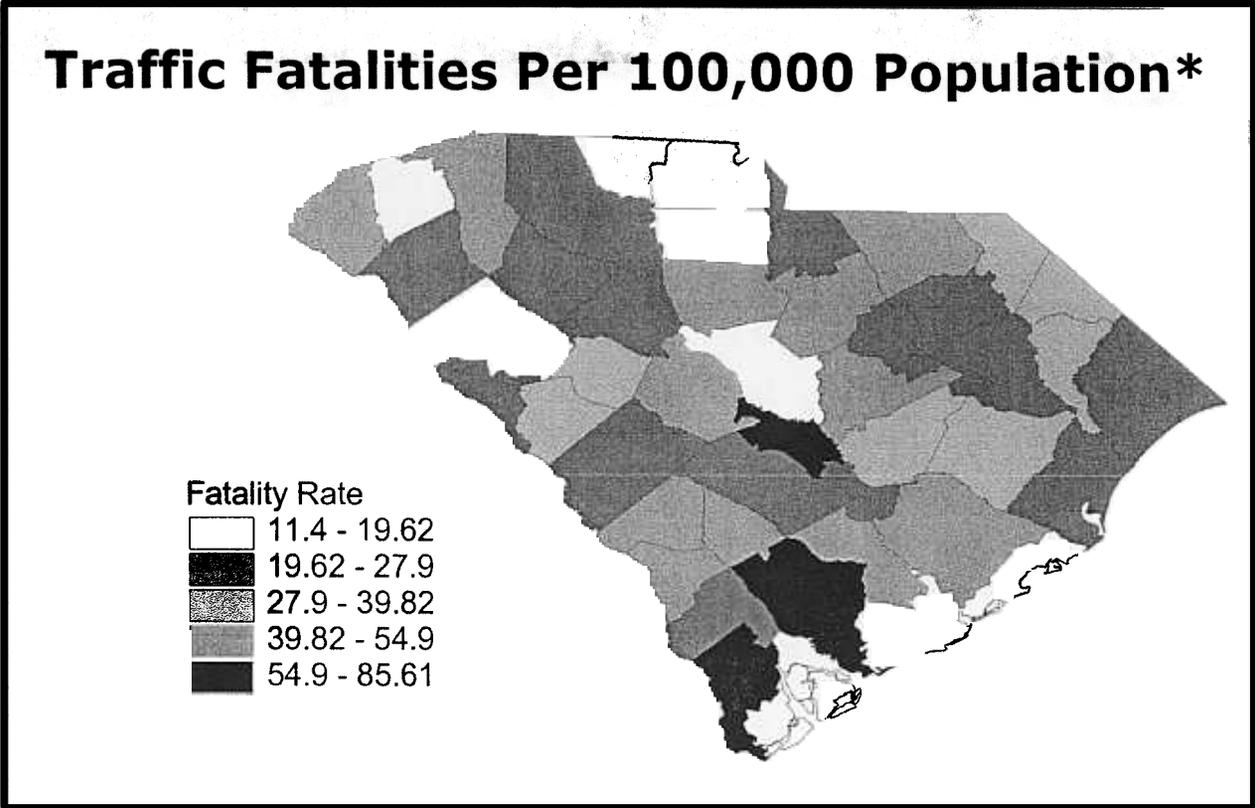
* Property Damage Only

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



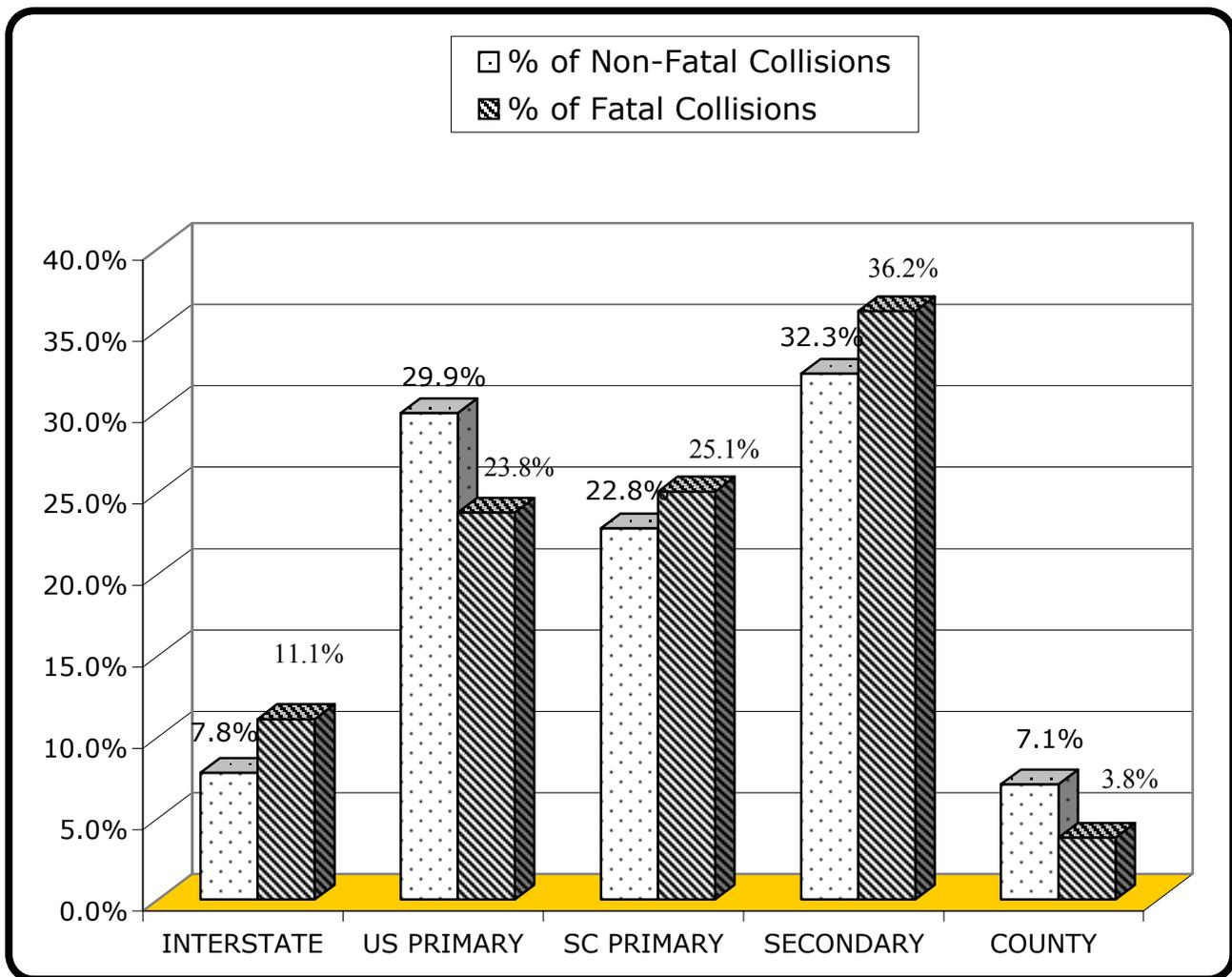
HIGHWAY PATROL DISTRICTS





*Based on 2001 Population Estimates from South Carolina Budget and Control Board

NON FATAL VS. FATAL COLLISIONS



There were 32,397 traffic collisions reported on Secondary routes during 2001. 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 29,968 of the reported collision total. The fewest reported collisions were on County routes; a total of 7,098 were reported for these routes.

Secondary routes had the most fatal collisions by a wide margin. The 348 fatal collisions occurring on the Secondary route system accounted for 36.2% of the 962 fatal collisions reported in 2001. On the US Primary and SC Primary routes there were 229 and 241 (respectively) fatal collisions reported for the year. The fewest number of fatal collisions occurred on the County routes with 37 (3.8%). A total of 107 (11.1%) 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	2	92	175	269	2	145
Island	2	117	192	311	2	189
Median	31	480	1,085	1,596	32	739
Roadside	140	2,820	3,933	6,893	154	3,884
Roadway	544	24,393	54,569	79,506	606	41,094
Shoulder	102	1,722	2,489	4,313	114	2,349
Sidewalk	6	99	157	262	6	133
Outside Trafficway	126	1,750	2,420	4,296	135	2,349
Unknown	9	908	1,802	2,719	9	1,468
YEAR TOTALS	962	32,381	66,822	100,165	1,060	52,350

*Property Damage Only

TRAFFIC COLLISIONS ON INTERSTATES

ROUTE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
I-20	15	298	821	1,134	16	489
I-26	29	606	1,717	2,352	32	953
I-77	8	186	502	696	9	279
I-85	11	338	1,041	1,390	12	514
I-95	36	315	800	1,151	44	661
I-126	1	23	72	96	1	34
I-185	0	6	15	21	0	11
I-385	3	124	446	573	4	177
I-526	3	133	246	382	3	195
I-585	1	4	19	24	1	5
TOTALS	107	2,033	5,679	7,819	122	3,318

*Property Damage Only

INTERSTATE COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	9	123	333	465	12	197
February	9	142	356	507	10	207
March	10	179	490	679	10	277
April	10	154	402	566	12	240
May	5	190	449	644	5	302
June	7	194	575	776	9	306
July	12	174	513	699	15	319
August	16	179	472	667	18	320
September	5	186	535	726	5	324
October	7	172	540	719	7	281
November	10	148	529	687	12	234
December	7	192	485	684	7	311
TOTALS	107	2,033	5,679	7,819	122	3,318

*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, 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 (84.5%); clear weather (78.7%); daylight (71.7%); no traffic control device (63.8%); straight-level road (77.8%); and no junction (57.6%).

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 58% 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 (89.9%); clear weather (81.4%); daylight (42.1%); no traffic control (77.8%); and straight-level roadway (57.2%).

Environmental factors were the primary contributing factor in only 5.1% of all collisions in 2001. 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, 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	865	27,604	56,188	84,657	954	44,582
Wet	89	4,521	10,058	14,668	96	7,380
Icy	0	8	38	46	0	10
Slushy	0	21	38	59	0	30
Snowy	0	3	22	25	0	3
Muddy	0	11	16	27	0	13
Water (standing)	2	60	166	228	2	92
Other	4	87	124	215	6	127
Unknown	2	66	172	240	2	113
TOTALS	962	32,381	66,822	100,165	1,060	52,350

*Property Damage Only

WEATHER CONDITIONS

WEATHER CONDITIONS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Clear/No Adverse Conditions	783	25,726	52,368	78,877	857	41,554
Rain	60	3,425	7,830	11,315	64	5,590
Cloudy	94	2,888	5,914	8,896	111	4,651
Sleet or Hail	1	17	34	52	2	24
Snow	0	5	17	22	0	5
Fog, Smog	20	257	499	776	22	431
Blowing Sand, Soil, Dirt, or Snow	0	10	16	26	0	20
Severe Cross Winds, High Wind	0	8	17	25	0	10
Unknown	4	45	127	176	4	75
TOTALS	962	32,381	66,822	100,165	1,060	52,360

*Property Damage Only

LIGHT CONDITIONS

LIGHT CONDITIONS	COLLISION TYPE				PERSONS	
	Fatal	Injury	POD*	Total	Killed	Injured
Daylight	405	22,557	48,846	71,808	448	36,742
Dawn	29	528	1,060	1,617	32	810
Dusk	27	807	1,548	2,382	29	1,405
Dark (Lighting Unspecified)	44	1,045	1,850	2,939	45	1,645
Dark (Street Lamp Lit)	86	3,038	5,157	8,281	93	5,017
Dark (Street Lamp Not Lit)	11	240	452	703	11	376
Dark (No Lights)	360	4,166	7,909	12,435	402	6,355
TOTALS	962	32,381	66,822	100,165	1,060	52,350

*Property Damage Only

TRAFFIC CONTROLS

TRAFFIC CONTROLS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Stop Sign	97	4,548	8,405	13,050	102	8,106
Stop and Go Signal	46	5,881	10,900	16,827	50	9,971
Yield Sign	2	375	1,093	1,470	2	562
Officer / Flagman	1	65	104	170	1	91
RR Crossing Gates / Lights	1	33	64	98	1	61
RR Lights	0	18	26	44	0	26
None	749	19,969	43,206	63,924	828	31,082
Other Signs	27	356	551	934	30	557
RR Crossbucks	1	37	58	96	1	59
Flashing Traffic Signal	0	122	222	344	0	243
On Coming Emergency Vehicle	0	7	23	30	0	12
School Zone Sign	0	36	43	79	0	64
Work Zone	4	97	322	423	5	150
Pavement Markings (Only)	29	592	1,265	1,886	34	971
Flashing Beacon	1	5	10	16	1	8
Unknown	4	240	530	774	5	387
TOTALS	962	32,381	66,822	100,165	1,060	52,350

*Property Damage Only

ROAD CHARACTER

ROAD CHARACTER	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Straight - Level	550	24,493	52,876	77,919	598	39,798
Straight - On Grade	124	3,597	7,462	11,183	139	5,899
Straight - Hillcrest	29	744	1,424	2,197	33	1,294
Curve - Level	167	2,240	3,159	5,566	188	3,369
Curve - On Grade	78	1,181	1,704	2,963	88	1,777
Curve - Hillcrest	14	126	197	337	14	213
TOTALS	962	32,381	66,822	100,165	1,060	52,350

*Property Damage Only

TRAFFICWAY

TRAFFICWAY	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Two-Way, Not Divided	675	19,977	38,867	59,519	738	32,022
Two-Way, Divided, Unprotected Median	212	8,981	19,388	28,581	236	14,847
Two-Way, Divided, Barrier	44	1,839	4,780	6,663	51	2,955
One-Way	12	765	1,978	2,755	12	1,139
Other	19	819	1,809	2,647	23	1,387
TOTALS	962	32,381	66,822	100,165	1,060	52,350

*Property Damage Only

JUNCTION TYPE

JUNCTION TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Cross-Over	18	714	1,408	2,140	22	1,258
Driveway	23	1,435	3,441	4,899	26	2,305
Five/More Points	3	176	361	540	5	305
Four-Way Intersection	99	6,551	11,009	17,659	108	11,620
Railway Grade Crossing	4	81	125	210	4	132
Shared Use Paths/Trails	0	55	107	162	0	87
T-Intersection	62	4,570	9,345	13,977	63	7,771
Traffic Circle	0	50	156	206	0	72
Y-Intersection	5	474	1,039	1,518	5	775
Non-Junction	741	17,861	39,070	57,672	819	27,378
Unknown	7	414	761	1,182	8	647
TOTALS	962	32,381	66,822	100,165	1,060	52,350

*Property Damage Only

WORK ZONE TYPE

WORK ZONE TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Shoulder/Median Work	5	249	669	923	6	402
Lane Shift/Cross-over	3	39	116	158	4	75
Intermittent/Moving Work	0	79	183	262	0	113
Lane Closure	4	72	183	259	4	93
Other	8	106	237	351	8	197
Unknown	0	1	0	1	0	1
TOTALS	20	546	1,388	1,954	22	881

*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 2001 data are as follows:

- ◆ The most common unit involved in traffic crashes in 2001 was the automobile. Out of 174,124 units involved in traffic collisions during the year, 107,795 were automobiles. This represents 61.9% of the total units.
- ◆ For fatal collisions, a much smaller percentage of units were automobiles. Of the 1,325 units involved in fatal collisions, 637 or 48.1% were automobiles.
- ◆ A total of 69 pedestrians were involved in fatal collisions in 2001. This represents 8.6% of all pedestrians involved in traffic crashes during the year, a proportion more than 14 times greater than for automobiles.
- ◆ Two railway trains were involved in traffic crashes resulting in fatalities. These represent 4.8% of the 42 trains involved in crashes during 2001, a percentage 8 times greater than for automobiles.
- ◆ Sixty-one motorcycles were involved in fatal crashes in 2001. This represents 3.9% of all motorcycles involved in crashes, more than 6.5 times the rate for automobiles.
- ◆ A total of 77 truck tractors were involved in fatal collisions in 2001. This represents 2.1% of the truck tractors involved in crashes during the year, four times the rate for automobiles.
- ◆ In 2000, there were 101 truck tractors involved in fatal collisions versus the 77 in 2001. 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	2001		2000	
	Registrations	Percent	Registrations	Percent
Abbeville	21,812	0.7	20,600	0.7
Aiken	117,028	3.6	112,403	3.7
Allendale	6,721	0.2	6,466	0.2
Anderson	143,922	4.5	139,053	4.5
Bamberg	11,831	0.4	11,191	0.4
Barnwell	18,240	0.6	17,325	0.6
Beaufort	94,554	2.9	89,851	2.9
Berkeley	108,197	3.4	103,080	3.4
Calhoun	15,041	0.5	14,421	0.5
Charleston	226,971	7.1	215,589	7.0
Cherokee	44,366	1.4	42,164	1.4
Chester	28,011	0.9	26,826	0.9
Chesterfield	35,644	1.1	33,864	1.1
Clarendon	23,649	0.7	22,192	0.7
Colleton	30,509	1.0	29,057	0.9
Darlington	52,547	1.6	49,245	1.6
Dillon	22,335	0.7	21,481	0.7
Dorchester	74,663	2.3	70,486	2.3
Edgefield	18,763	0.6	17,645	0.6
Fairfield	19,845	0.6	18,876	0.6
Florence	100,452	3.1	97,515	3.2
Georgetown	44,922	1.4	42,098	1.4
Greenville	312,465	9.7	300,885	9.8
Greenwood	52,817	1.6	50,857	1.7
Hampton	14,630	0.5	13,733	0.4
Horry	166,276	5.2	157,860	5.1
Jasper	14,402	0.4	13,696	0.4
Kershaw	47,173	1.5	45,573	1.5
Lancaster	51,823	1.6	48,987	1.6
Laurens	55,872	1.7	53,005	1.7
Lee	13,268	0.4	12,629	0.4
Lexington	189,616	5.9	181,774	5.9
McCormick	8,201	0.3	7,788	0.3
Marion	24,335	0.8	23,307	0.8
Marlboro	20,010	0.6	19,304	0.6
Newberry	31,678	1.0	29,656	1.0
Oconee	62,552	1.9	59,444	1.9
Orangeburg	68,510	2.1	65,136	2.1
Pickens	90,029	2.8	86,547	2.8
Richland	227,813	7.1	219,962	7.2
Saluda	16,509	0.5	15,386	0.5
Spartanburg	213,071	6.6	205,564	6.7
Sumter	77,431	2.4	73,579	2.4
Union	25,281	0.8	24,209	0.8
Williamsburg	26,747	0.8	25,471	0.8
York	140,045	4.4	135,961	4.4
STATE TOTALS	3,210,578	100.0	3,071,743	100.0

UNIT TYPES INVOLVED IN TRAFFIC COLLISIONS

UNIT TYPE	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Automobile**	711	37,635	77,276	115,622
Pickup Truck**	276	9,300	21,747	31,323
Truck Tractor**	86	1,071	2,773	3,930
Other Truck**	30	920	2,299	3,249
Full Size Van**	29	1,158	2,395	3,582
Minivan**	45	2,508	5,413	7,966
SUV**	120	4,831	11,060	16,011
Motorcycle**	79	1,335	267	1,681
Motor Bike	12	134	23	169
Pedalcycle	26	468	29	523
Animal Drawn Vehicle	0	0	3	3
Animal (Ridden)	0	4	0	4
Pedestrian	120	817	35	972
Train	4	26	23	53
School Bus**	4	143	235	382
Passenger Bus**	3	53	118	174
Other***	11	219	361	591
Unknown (Hit and Run Only)**	13	221	622	856
TOTALS	1,569	60,843	124,679	187,091

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	1,279	55,508	114,518	171,305
Driver Training	0	17	45	62
Construction/Maintenance	43	1,252	3,026	4,321
Ambulance	1	37	72	110
Military	0	14	31	45
Transport Passengers	13	484	833	1,330
Transport Property	81	1,462	3,602	5,145
Farm Use	2	85	185	272
Wrecker or Tow	3	75	186	264
Police	5	330	627	962
Government	3	171	410	584
Fire Fighting	3	46	86	135
Logging Truck	9	78	127	214
Pedestrian	113	797	43	953
Other	13	469	859	1,341
Unknown	1	18	29	48
TOTALS	1,569	60,843	124,679	187,091

*Property Damage Only

UNITS INVOLVED IN TRAFFIC COLLISIONS BY MOST HARMFUL EVENT

MOST HARMFUL EVENT (MHE)	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Overturn/Rollover	151	2,014	1,587	3,752
Fire/Explosion	8	48	39	95
Immersion	3	10	29	42
Cargo/Equip. Loss or Shift	3	48	196	247
Cross Median / Center Line	3	168	262	433
Spill (2-wheel vehicle in single vehicle crash)	12	158	35	205
Jack-Knifed	0	13	61	74
Downhill Runaway	0	12	18	30
Run off Road Left	14	437	588	1,039
Run Off Road Right	21	731	1,011	1,763
Separation of Units	0	13	30	43
Unknown Non-Collision	2	325	542	869
Other Non-Collision	9	350	631	990
NON-COLLISION SUBTOTAL	226	4,327	5,029	9,582
Pedestrian	121	873	51	1,045
Other Object Not Fixed	4	111	393	508
Parked Vehicle	9	342	1,503	1,854
Stopped Vehicle	24	7,182	15,863	23,069
Vehicle In Transport	871	41,734	89,470	132,075
Vehicle in Transport In Other Roadway	7	432	717	1,156
Railway Train	4	32	23	59
Pedalcyclist	26	431	24	481
Work Zone Maint. Equipment	0	14	33	47
Unknown Movable Objects	0	12	43	55
Animal (Deer Only)	3	235	2,981	3,219
Animal (All Other)	1	95	325	421
OBJECT NOT FIXED SUBTOTAL	1,070	51,493	111,426	163,989
Highway Guardrail End	3	53	110	166
Highway Guardrail Face	3	137	396	536
Crash Cushion	0	13	22	35
Utility Pole	19	488	586	1,093
Light Standard	1	14	34	49
Tree	163	1,778	1,876	3,817
Embankment	13	323	419	755
Equipment	0	13	18	31
Overhead Sign Support	0	5	7	12
Highway Sign Post	2	51	265	318
Fence	5	105	390	500
Other (Post, Pole, Support, Etc.)	7	118	258	383
Work Zone Maint. Equipment	0	11	13	24
Culvert Headwall	12	135	171	318
Curb	6	63	160	229
Other (Wall, Building, Tunnel, etc.)	6	144	235	385
Median Barrier	2	93	359	454
Equipment Failure	1	56	134	191
Ditch	16	1,020	1,793	2,829
Bridge Overhead Structure/Underpass	0	4	34	38
Other Fixed Object	3	155	389	547
Unknown	0	86	239	325
Mailbox	2	47	146	195
Bridge/Pier/Abutment	4	23	30	57
Bridge Parapet End	1	12	15	28
Bridge Rail	4	76	125	205
FIXED OBJECT SUBTOTAL	273	5,023	8,224	13,520
YEAR TOTALS	1,569	60,843	124,679	187,091

*Property Damage Only

UNIT ACTION PRIOR TO IMPACT IN ALL TRAFFIC COLLISIONS

MANEUVER	NUMBER	%
VEHICLE		
Backing	2,925	1.6
Changing Lanes	4,758	2.5
Entering Traffic Lane	7,172	3.8
Leaving Traffic Lane	1,893	1.0
Making U Turn	525	0.3
Movement Essentially Straight Ahead	101,671	54.3
Overtaking/Passing	1,880	1.0
Parked	2,819	1.5
Slowing or Stopped In Traffic	37,259	19.9
Turning Left	17,675	9.4
Turning Right	4,232	2.3
VEHICLE SUBTOTAL	182,809	97.7
NON-MOTORIST		
Approaching /Leaving Vehicle	34	0.0
Entering/Crossing Location	321	0.2
Playing/Working on Vehicle	17	0.0
Pushing Vehicle	10	0.0
Standing	157	0.1
Walking/Playing/Cycling	667	0.4
Working	32	0.0
NON-MOTORIST SUBTOTAL	1,238	0.7
Other	869	0.5
Unknown	2,175	1.2
TOTAL UNITS	187,091	100.0

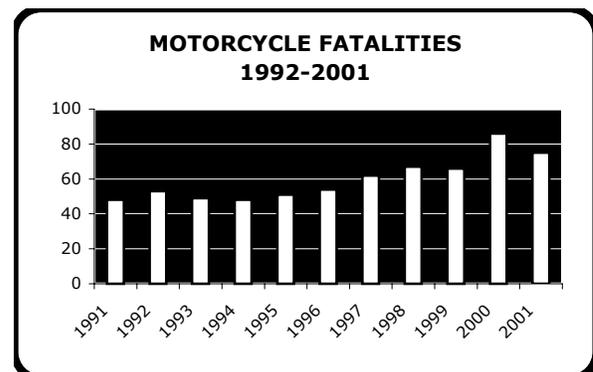
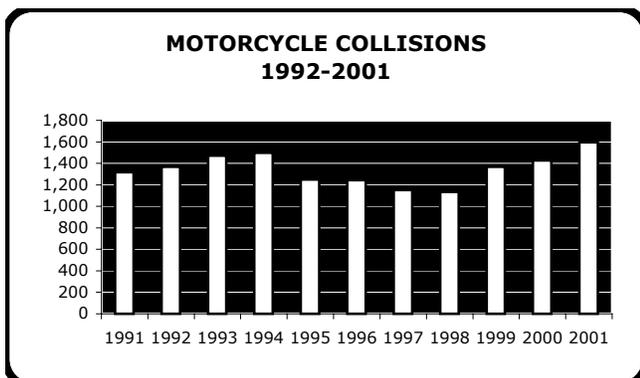
By far the most frequent action prior to impact for units involved in traffic collisions in 2001 was "Movement Essentially Straight Ahead" with 54.3% of the total units. The next action, 'Slowing or Stopped' in traffic accounted for 19.9% of the units. The third, fourth and fifth actions involved units which were "Turning Left" (9.4%) followed by 'Entering Traffic Lane' (3.8%) and 'Changing Lanes' (2.5%). 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
*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
2001	1,595	74	75	1,265	1,588	256	56,457	13.9	2.9

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
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
2001	74	1,265	256	1,595	75	1,588
TOTALS	345	5,110	1,223	6,678	356	6,304

*Property Damage Only

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	1	32	10	43	1	38
February	6	36	11	53	6	44
March	7	68	14	89	7	89
April	8	152	20	180	8	195
May	10	255	46	311	10	347
June	7	139	25	171	7	171
July	11	126	22	159	11	158
August	8	126	20	154	8	149
September	6	114	28	148	6	145
October	6	93	21	120	7	105
November	2	70	26	98	2	83
December	2	54	13	69	2	64
TOTALS	74	1,265	256	1,595	75	1,588

*Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	32	793	166	991	32	990
Dark & Clear/Cloudy	38	434	79	551	39	549
Day & Rain	0	14	8	22	0	14
Dark & Rain	1	17	2	20	1	24
Day & Other Weather	0	3	1	4	0	3
Dark & Other Weather	3	4	0	7	3	8
TOTALS	74	1,265	256	1,595	75	1,588

*Property Damage Only

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

TRAFFIC COLLISIONS INVOLVING MOTORCYCLES

SEX OF MOTORCYCLISTS

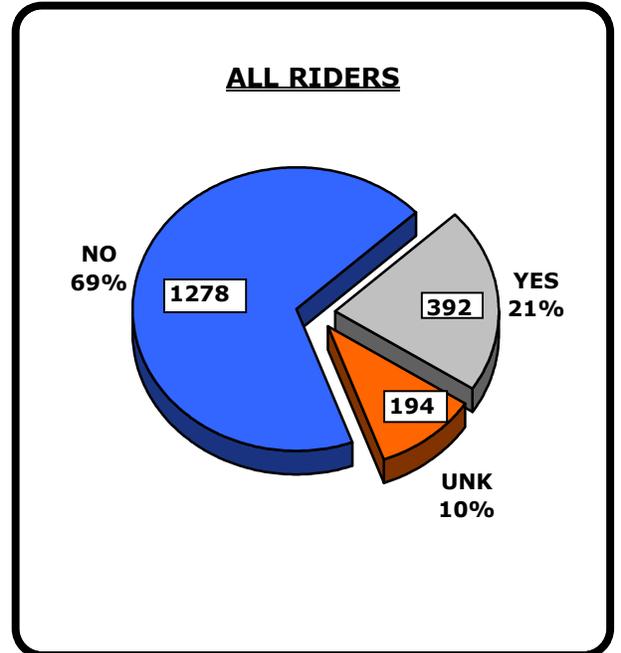
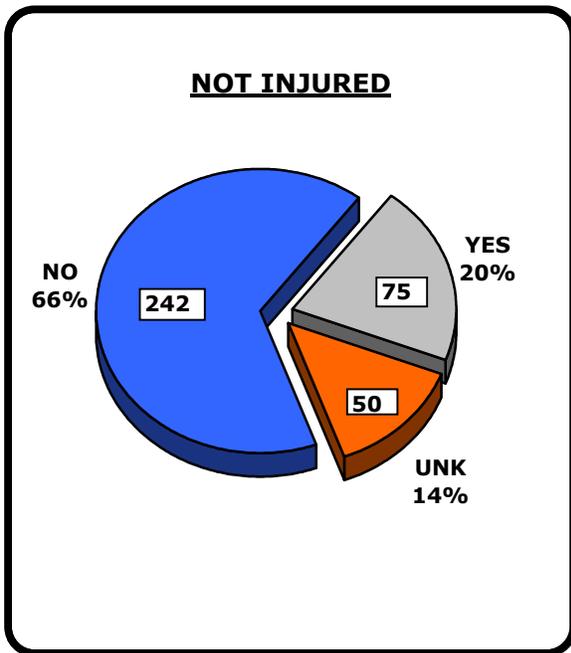
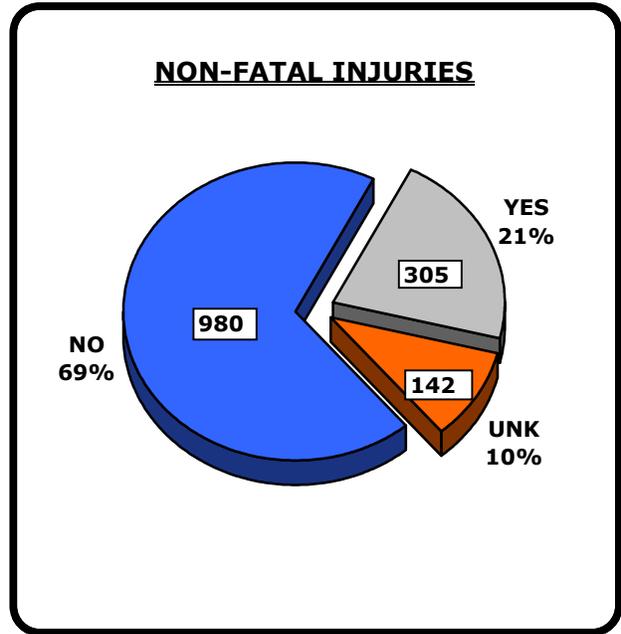
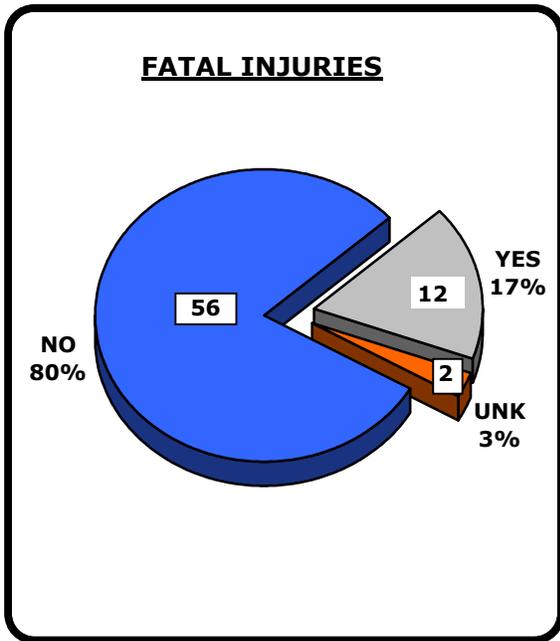
SEX	CASUALTY TYPE			TOTALS
	Fatality	Non-Fatal Injury	Not Injured	
Male	70	1199	311	1,580
Female	0	228	56	284
TOTALS	70	1,427	367	1,864

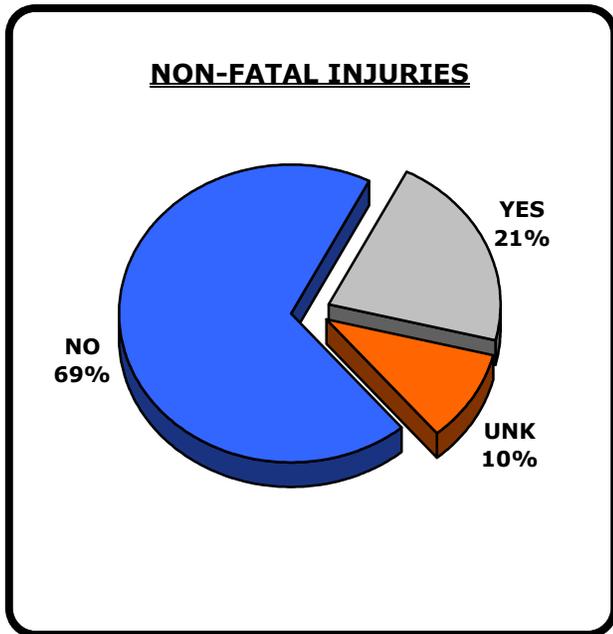
AGE AND HELMET USAGE OF MOTORCYCLISTS

HELMET USAGE	CASUALTY TYPE			TOTALS
	Fatality	Non-Fatal Injury	Not Injured	
HELMET USED				
Under 15	0	7	1	8
15-20	1	53	11	65
21-24	0	54	15	69
25-34	5	82	15	102
35-44	2	54	16	72
45 and Over	4	55	17	76
Unknown	0	0	0	0
SUBTOTAL	12	305	75	392
HELMET NOT USED				
Under 15	0	17	1	18
15-20	5	90	16	111
21-24	5	123	27	155
25-34	15	289	75	379
35-44	18	261	71	350
45 and Over	13	198	51	262
Unknown	0	2	1	3
SUBTOTAL	56	980	242	1,278
UNKNOWN				
Under 15	0	2	2	4
15-20	0	5	5	10
21-24	0	20	5	25
25-34	2	38	15	55
35-44	0	40	8	48
45 and Over	0	37	14	51
Unknown	0	0	1	1
SUBTOTAL	2	142	50	194
TOTALS	70	1,427	367	1,864

Out of 70 motorcycle riders killed in 2001, all were male, 39 were under age 35 and 56 were not wearing a helmet. Out of the 1,864 riders of motorcycles who were involved in traffic collisions, 392 were wearing a helmet and 1,278 were not, for 194 riders, helmet usage was unknown. For those cyclists under 21 years of age, helmet usage is required by law. For this group, 12 were wearing a helmet and 17 were not, for 7, helmet usage was unknown.

MOTORCYCLE HELMET USAGE





TRAFFIC COLLISIONS INVOLVING OTHER MOTORIZED BIKES

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
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
2001	12	132	23	167	12	155
TOTALS	10	622	64	708	22	697

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	0	8	1	9	0	8
February	0	7	3	10	0	8
March	1	6	2	9	1	8
April	2	7	1	10	2	9
May	1	17	2	20	1	23
June	2	14	2	18	2	16
July	2	17	2	21	2	21
August	0	14	2	16	0	16
September	0	9	3	12	0	11
October	4	14	2	20	4	14
November	0	9	3	12	0	10
December	0	10	0	10	0	11
TOTALS	12	132	23	167	12	155

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	2	83	16	101	2	102
Dark & Clear/Cloudy	8	43	6	57	8	46
Day & Rain	0	4	1	5	0	4
Dark & Rain	2	2	0	4	2	3
TOTALS	12	132	23	167	12	155

* 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	1	19	5	25	1	23
Monday	2	15	5	22	2	21
Tuesday	3	19	2	24	3	24
Wednesday	3	18	1	22	3	18
Thursday	0	17	2	19	0	17
Friday	2	20	2	24	2	23
Saturday	1	24	6	31	1	29
TOTALS	12	132	23	167	12	155

* Property Damage Only

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	2	6	0	8	2	6
3:01am-6:00am	0	3	1	4	0	3
6:01am-9:00am	0	6	4	10	0	6
9:01am-Noon	0	11	1	12	0	12
12:01pm-3:00pm	0	19	4	23	0	20
3:01pm-6:00pm	1	39	7	47	1	49
6:01pm-9:00pm	6	28	4	38	6	37
9:01pm-Midnight	3	20	2	25	3	22
TOTALS	12	132	23	167	12	155

* Property Damage Only

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
Motorized Bike Driver Contributed	6	87	17	110
Motorized Bike Driver Did Not Cont	6	47	6	59
TOTAL MOPED DRIVERS	12	134	23	169
Other Driver Contributed	5	41	5	51
Other Driver Did Not Contribute	6	45	17	68
TOTAL OTHER DRIVERS	11	86	22	119
TOTALS	23	220	45	288

* 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
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
2001	25	464	29	518	25	502
TOTALS	101	2,622	109	2,832	101	2,785

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	2	28	2	32	2	28
February	1	30	1	32	1	31
March	2	20	1	23	2	20
April	2	38	2	42	2	40
May	6	54	7	67	6	58
June	3	37	4	44	3	43
July	0	61	3	64	0	66
August	2	48	2	52	2	55
September	1	36	3	40	1	39
October	4	30	2	36	4	31
November	1	40	1	42	1	42
December	1	42	1	44	1	49
TOTALS	25	464	29	518	25	502

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	7	337	21	365	7	360
Dark & Clear/Cloudy	14	101	8	123	14	112
Day & Rain	1	12	0	13	1	13
Dark & Rain	2	10	0	12	2	12
Day & Other Weather	0	2	0	2	0	3
Dark & Other Weather	1	2	0	3	1	2
TOTALS	25	464	29	518	25	502

* 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	3	42	2	47	3	46
Monday	6	70	6	82	6	75
Tuesday	3	68	4	75	3	72
Wednesday	2	67	4	73	2	72
Thursday	3	60	5	68	3	66
Friday	7	92	7	106	7	99
Saturday	1	65	1	67	1	72
TOTALS	25	464	29	518	25	502

* Property Damage Only

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	1	13	1	15	1	14
3:01am-6:00am	0	7	1	8	0	7
6:01am-9:00am	5	34	2	41	5	37
9:01am-Noon	2	48	3	53	2	48
12:01pm-3:00pm	1	85	3	89	1	92
3:01pm-6:00pm	0	158	10	168	0	169
6:01pm-9:00pm	10	93	7	110	10	102
9:01pm-Midnight	6	26	2	34	6	33
TOTALS	25	464	29	518	25	502

* 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	1	0	45	17	2	0	48	17
10-11	4	0	22	4	2	1	28	5
12-15	2	0	59	7	5	1	66	8
16-20	1	0	40	10	2	2	43	12
21-30	0	0	56	18	4	2	60	20
Over 30	16	0	158	26	12	5	186	31
Unknown	1	0	2	0	4	0	7	0
TOTALS	25	0	382	82	31	11	438	93

* 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
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
2001	4	136	232	372	5	494
TOTALS	12	619	1,099	1,730	15	2,479

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	0	15	28	43	0	58
February	0	12	38	50	0	29
March	1	19	26	46	1	99
April	0	17	21	38	0	28
May	0	12	25	37	0	33
June	0	2	5	7	0	3
July	0	0	5	5	0	0
August	0	12	11	23	0	38
September	1	12	20	33	1	59
October	1	12	24	37	2	95
November	1	12	12	25	1	39
December	0	11	17	28	0	13
TOTALS	4	136	232	372	5	494

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	3	117	191	311	4	451
Dark & Clear/Cloudy	1	10	17	28	1	21
Day & Rain	0	5	18	23	0	8
Dark & Rain	0	3	3	6	0	10
Day & Other Weather	0	1	1	2	0	4
Dark & Other Weather	0	0	2	2	0	0
TOTALS	4	136	232	372	5	494

* 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	0	3	3	0	0
Monday	1	28	44	73	1	73
Tuesday	1	27	59	87	1	77
Wednesday	1	29	39	69	2	203
Thursday	1	28	48	77	1	48
Friday	0	21	34	55	0	88
Saturday	0	3	5	8	0	5
TOTALS	4	136	232	372	5	494

* 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	1	2	3	0	33
3:01am-6:00am	0	1	3	4	0	3
6:01am-9:00am	4	50	67	121	5	208
9:01am-Noon	0	2	28	30	0	4
12:01pm-3:00pm	0	28	48	76	0	91
3:01pm-6:00pm	0	50	74	124	0	151
6:01pm-9:00pm	0	3	5	8	0	3
9:01pm-Midnight	0	1	5	6	0	1
TOTALS	4	136	232	372	5	494

* Property Damage Only

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
Bus Driver Contributed	0	50	95	145
Bus Driver Did Not Contribute	4	93	140	237
TOTAL SCHOOL BUS DRIVERS	4	143	235	382
Other Driver Contributed	4	87	131	222
Other Driver Did Not Contribute	0	58	87	145
TOTAL OTHER DRIVERS	4	145	218	367
TOTALS	8	288	453	749

* 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
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
2001	108	780	34	922	110	899
TOTALS	513	4,228	125	4,866	524	4,968

*Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	6	61	2	69	6	69
February	11	61	2	74	12	71
March	6	55	2	63	6	60
April	4	62	1	67	4	74
May	6	80	1	87	6	98
June	7	59	2	68	7	64
July	11	70	6	87	11	81
August	11	57	3	71	11	71
September	18	58	4	80	18	66
October	12	85	6	103	13	96
November	10	72	3	85	10	80
December	6	60	2	68	6	69
TOTALS	108	780	34	922	110	899

*Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	24	401	19	444	24	444
Dark & Clear/Cloudy	75	330	14	419	77	392
Day & Rain	0	14	0	14	0	18
Dark & Rain	6	26	1	33	6	35
Day & Other Weather	0	4	0	4	0	4
Dark & Other Weather	3	5	0	8	3	6
TOTALS	108	780	34	922	110	899

*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	1	0.9	18	2.2	3	6.0
Entering/Crossing Location	26	24.5	213	26.1	3	6.0
Playing/Working on Vehicle	2	1.9	8	1.0	0	0.0
Pushing Vehicle	0	0.0	5	0.6	0	0.0
Standing	14	13.2	90	11.0	14	28.0
Walking or Playing	41	38.7	390	47.8	21	42.0
Working	3	2.8	21	2.6	2	4.0
Other	5	4.7	10	1.2	2	4.0
Unknown	14	13.2	61	7.5	5	10.0
TOTALS	106	100.0	816	100.0	50	100.0

AGE AND SEX OF PEDESTRIANS

AGE	PEDESTRIANS							
	Killed		Injured		Not Injured		TOTALS	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 5	4	1	20	17	0	0	34	22
5-9	2	2	51	28	4	1	57	31
10-14	4	2	69	28	2	2	75	32
15-19	1	0	38	25	3	2	41	27
20-24	4	1	62	27	1	0	66	28
25-34	11	6	67	35	4	3	81	43
35-44	24	6	105	42	8	1	136	49
45-54	13	3	74	35	4	1	91	39
55-64	11	1	35	21	1	0	47	22
65-74	5	1	10	9	1	0	16	10
75 & Older	2	1	5	6	2	0	9	7
Not Stated	0	1	5	2	9	1	9	3
TOTALS	81	25	541	275	39	11	662	313

TRAFFIC COLLISIONS INVOLVING RAILWAY TRAINS

TEN YEAR SUMMARY

YEAR	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
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
2001	4	26	23	53	4	37
TOTALS	63	279	430	772	73	404

*Property Damage Only

RAILWAY TRAIN COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	2	2	2	6	2	3
February	0	2	1	3	0	2
March	0	5	5	10	0	7
April	0	2	1	3	0	2
May	0	3	0	3	0	3
June	1	2	1	4	1	3
July	0	0	1	1	0	0
August	1	1	2	4	1	4
September	0	2	1	3	0	3
October	0	0	4	4	0	0
November	0	6	4	10	0	9
December	0	1	1	2	0	1
TOTALS	4	26	23	53	4	37

*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	3	20	9	32	3	28
Dark & Clear/Cloudy	1	4	9	14	1	5
Day & Rain	0	2	2	4	0	4
Dark & Rain	0	0	3	3	0	0
TOTALS	4	26	23	53	4	37

*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	7	4	11	0	7
SC Primary	1	2	4	7	1	4
Secondary	2	16	11	29	2	25
County	1	1	4	6	1	1
TOTALS	4	26	23	53	4	37

*Property Damage Only

COLLISIONS BY TRAFFIC CONTROL DEVICE

DEVICE TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Stop Sign	2	2	0	4	2	3
Stop & Go Signal	0	1	1	2	0	1
Officer or Flagman	0	1	0	1	0	1
RR Crossing Gates/Lights	1	4	8	13	1	6
RR Flashing Lights	0	8	5	13	0	11
Other Regulatory Sign	0	0	3	3	0	0
RR Crossbucks Only	1	9	5	15	1	12
None	0	1	1	2	0	3
TOTALS	4	26	23	53	4	37

*Property Damage Only

TRAFFIC COLLISIONS INVOLVING SUVS

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
2001	114	4,506	10,272	14,892	133	7,717
TOTALS	114	4,506	10,272	14,892	133	7,717

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	4	257	610	871	6	429
February	8	284	645	937	9	476
March	5	357	822	1184	6	632
April	8	381	791	1180	9	660
May	8	408	893	1309	10	714
June	16	407	886	1309	18	665
July	10	390	954	1354	11	660
August	19	442	937	1398	20	812
September	10	377	840	1227	13	673
October	7	407	985	1399	7	673
November	12	410	939	1361	17	699
December	7	386	970	1363	7	624
TOTALS	114	4,506	10,272	14,892	133	7,717

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	55	2,968	7,015	10,038	63	5,083
Dark & Clear/Cloudy	51	1,004	1,914	2,969	61	1,745
Day & Rain	2	367	942	1,311	2	612
Dark & Rain	3	131	317	451	3	210
Day & Other Weather	1	23	53	77	2	41
Dark & Other Weather	2	13	31	46	2	26
TOTALS	114	4,506	10,272	14,892	133	7,717

* Property Damage Only

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

TRAFFIC COLLISIONS INVOLVING SUVS COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	24	442	961	1,427	27	830
Monday	14	659	1,455	2,128	18	1,122
Tuesday	8	665	1,499	2,172	9	1,087
Wednesday	14	608	1,438	2,060	18	998
Thursday	14	654	1,513	2,181	17	1,105
Friday	23	826	2,034	2,883	24	1,423
Saturday	17	652	1,372	2,041	20	1,152
TOTALS	114	4,506	10,272	14,892	133	7,717

* Property Damage Only

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	18	188	373	579	20	313
3:01am-6:00am	12	119	245	376	13	192
6:01am-9:00am	7	533	1,251	1,791	8	872
9:01am-Noon	14	580	1,287	1,881	15	970
12:01pm-3:00pm	17	848	2,169	3,034	20	1,454
3:01pm-6:00pm	15	1,231	2,981	4,227	18	2,140
6:01pm-9:00pm	18	656	1,309	1,983	22	1,198
9:01pm-Midnight	13	351	657	1,021	17	578
TOTALS	114	4,506	10,272	14,892	133	7,717

* Property Damage Only

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
SUV Driver Contributed	71	2,488	5,192	7,751
SUV Driver Did Not Contribute	49	2,343	5,868	8,260
TOTAL SUV DRIVERS	120	4,831	11,060	16,011
Other Driver Contributed	44	1,985	4,804	6,833
Other Driver Did Not Contribute	42	2,555	4,897	7,494
TOTAL OTHER DRIVERS	86	4,540	9,701	14,327
TOTALS	206	9,371	20,761	30,338

* Property Damage Only

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

TRAFFIC COLLISIONS INVOLVING TRUCK TRACTORS

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
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
2001	80	1,006	2,614	3,700	89	1,600
TOTALS	436	5,416	13,362	19,214	503	8,574

*Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	12	55	180	247	14	90
February	4	90	219	313	5	149
March	8	102	231	341	9	183
April	7	86	224	317	8	136
May	12	92	213	317	12	144
June	6	81	259	346	8	122
July	4	85	238	327	4	147
August	6	99	237	342	6	161
September	4	77	192	273	4	104
October	4	87	205	296	4	124
November	8	81	213	302	9	134
December	5	71	203	279	6	106
TOTALS	80	1,006	2,614	3,700	89	1,600

*Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	39	636	1,824	2,499	43	1,008
Dark & Clear/Cloudy	31	223	489	743	34	332
Day & Rain	6	79	211	296	7	142
Dark & Rain	1	45	58	104	1	69
Day & Other Weather	1	8	19	28	1	15
Dark & Other Weather	2	15	13	30	3	34
TOTALS	80	1,006	2,614	3,700	89	1,600

*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	5	51	105	161	5	100
Monday	9	178	447	634	12	266
Tuesday	20	200	539	759	22	332
Wednesday	15	180	448	643	17	293
Thursday	9	171	428	608	10	247
Friday	15	173	487	675	16	269
Saturday	7	53	160	220	7	93
TOTALS	80	1,006	2,614	3,700	89	1,600

*Property Damage Only

TRUCK TRACTOR UNITS BY ATTACHMENT TYPES**

ATTACHMENT TYPE	COLLISION TYPE			TOTAL	
	Fatal	Injury	PDO*	Number	Percent
None	9	134	380	523	13.3%
Mobile Home	0	6	34	40	1.0%
Semi-Trailer	57	706	1,836	2,599	66.2%
Utility Trailer	2	12	39	53	1.3%
Farm Trailer	0	0	6	6	0.2%
Trailer with Boat	0	1	5	6	0.2%
Camper Trailer	0	0	6	6	0.2%
Towed Motor Vehicle	2	1	7	10	0.3%
Petroleum Tanker	1	32	50	83	2.1%
Lowboy Trailer	2	19	57	78	2.0%
Auto Carrier Trailer	1	8	17	26	0.7%
Other Tanker	4	24	45	73	1.9%
Flat Bed	5	77	161	243	6.2%
Other	1	7	22	30	0.8%
Twin Trailers	2	44	105	151	3.8%
Container	0	0	0	0	0.0%
TOTALS	86	1,071	2,770	3,927	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
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
2001	71	3,511	7,443	11,025	75	6,479
TOTALS	348	16,494	35,929	52,771	404	31,310

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	9	232	565	806	11	435
February	6	273	565	844	6	490
March	8	320	631	959	9	590
April	5	315	576	896	6	586
May	3	296	616	915	3	512
June	7	297	667	971	7	563
July	6	305	672	983	6	553
August	5	330	652	987	5	648
September	4	289	594	887	4	535
October	8	298	682	988	8	521
November	4	292	614	910	4	523
December	6	264	609	879	6	523
TOTALS	71	3,511	7,443	11,025	75	6,479

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	28	2,461	5,507	7,996	30	4,488
Dark & Clear/Cloudy	34	623	1,101	1,758	34	1,174
Day & Rain	4	298	607	909	5	562
Dark & Rain	4	95	161	260	4	189
Day & Other Weather	1	19	50	70	2	40
Dark & Other Weather	0	15	17	32	0	26
TOTALS	71	3,511	7,443	11,025	75	6,479

* 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	14	306	640	960	15	606
Monday	12	564	1,145	1,721	12	926
Tuesday	9	543	1,133	1,685	11	972
Wednesday	2	498	1,079	1,579	3	907
Thursday	7	496	1,096	1,599	7	909
Friday	12	641	1,471	2,124	12	1,205
Saturday	15	463	879	1,357	15	954
TOTALS	71	3,511	7,443	11,025	75	6,479

* Property Damage Only

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	8	92	147	247	8	138
3:01am-6:00am	3	70	132	205	3	121
6:01am-9:00am	10	413	991	1,414	11	734
9:01am-Noon	7	536	1,140	1,683	8	921
12:01pm-3:00pm	7	766	1,711	2,484	8	1,387
3:01pm-6:00pm	8	974	2,087	3,069	9	1,867
6:01pm-9:00pm	17	459	901	1,377	17	919
9:01pm-Midnight	11	201	334	546	11	392
TOTALS	71	3,511	7,443	11,025	75	6,479

* Property Damage Only

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
Van Driver Contributed	40	1,731	3,611	5,382
Van Driver Did Not Contribute	34	1,935	4,197	6,166
TOTAL VAN DRIVERS	74	3,666	7,808	11,548
Other Driver Contributed	29	1,771	3,615	5,415
Other Driver Did Not Contribute	36	2,142	3,826	6,004
TOTAL OTHER DRIVERS	65	3,913	7,441	11,419
TOTALS	139	7,579	15,249	22,967

* 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
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
2001	255	8,447	19,628	28,330	284	13,657
TOTALS	1,108	43,200	99,964	144,272	1,215	71,375

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	17	614	1,491	2,122	20	987
February	17	604	1,441	2,062	20	1,025
March	20	822	1,774	2,616	21	1,305
April	24	768	1,638	2,430	28	1,208
May	13	729	1,657	2,399	13	1,205
June	25	707	1,752	2,484	30	1,142
July	27	678	1,648	2,353	31	1,076
August	20	731	1,613	2,364	22	1,172
September	17	644	1,543	2,204	18	1,028
October	23	714	1,793	2,530	25	1,183
November	30	720	1,642	2,392	33	1,183
December	22	716	1,636	2,374	23	1,143
TOTALS	255	8,447	19,628	28,330	284	13,657

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	117	5,448	13,398	18,963	136	8,870
Dark & Clear/Cloudy	116	1,962	3,742	5,820	126	3,093
Day & Rain	7	681	1,722	2,410	7	1,106
Dark & Rain	7	270	570	847	7	436
Day & Other Weather	0	37	97	134	0	63
Dark & Other Weather	8	49	99	156	8	89
TOTALS	255	8,447	19,628	28,330	284	13,657

* 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		4		11		15	0
15-19	23	2	879	149	2,026	335	2,928	486
20-24	27	3	866	137	2,124	284	3,017	424
25-34	55	3	1,529	258	3,698	549	5,282	810
35-44	60	5	1,676	281	3,892	628	5,628	914
45-54	38	5	1,330	191	3,037	427	4,405	623
55-64	27	2	781	95	1,921	227	2,729	324
65-74	12	1	490	40	1,064	73	1,566	114
75 & Older	10	0	248	17	436	42	694	59
Unknown	0	0	0	1	1	1	1	2
TOTALS	252	21	7,803	1,169	18,210	2,566	26,265	3,756

*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	9	9	24	20	33	29
15-19	0	0	13	4	13	5	26	9
20-24	1	0	5	0	12	0	18	0
25-34	1	0	8	3	11	1	20	4
35-44	0	0	11	1	6	1	17	2
45-54	1	0	7	0	2	0	10	0
55-64	0	0	2	0	1	1	3	1
65-74	0	0	0	1	0	0	0	1
75 & Older	0	0	0	0	0	0	0	0
Not Stated	0	0	0	0	0	0	0	0
TOTALS	3	0	55	18	69	28	127	46

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