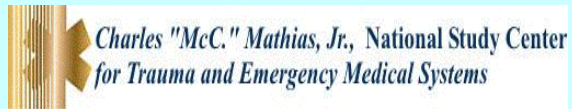


Maryland Traffic Safety Facts 2008



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Introduction

This publication is a statistical review of reported motor vehicle traffic crashes and other data related to highway safety in the State of Maryland for the year 2008**. Crash data are aggregated by Maryland State Police Central Records Division from 144 law enforcement agencies statewide. Other data are provided through the Maryland Crash Outcome Data Evaluation System project sponsored by the National Highway Traffic Safety Administration (NHTSA). Alcohol fatalities are provided through NHTSA's Fatality Analysis Reporting System (FARS). FARS data are obtained solely from the State's existing documents:

- Police Accident Reports
- Death Certificates
- State Vehicle Registration Files
- Coroner/Medical Examiner Reports
- State Driver Licensing Files
- Hospital Medical Reports
- State Highway Department Data
- Emergency Medical Service Reports
- Vital Statistics
- Other State Records

This report has been compiled by the University of Maryland's National Study Center for Trauma and EMS (<http://nsc.umaryland.edu>).

**Note: In some cases, unknown data are not shown in the table so rows and columns may not add up to the given total.

Date of Publication: November 2009

Chapter 1: Trends

Table 1 – Maryland Crash Summary

	2004	2005	2006	2007	2008	5 Year AVG.
Fatal Crashes	576	577	593	558	539	569
Injury Crashes	37,422	36,543	35,865	34,866	32,769	35,493
Property Damage Only	66,105	65,488	65,430	65,519	62,041	64,917
Total Crashes	104,103	102,608	101,888	100,943	95,349	100,978
Total of All Fatalities	643	614	651	615	592	623
Total Number Injured	57,409	55,287	53,615	51,729	48,143	53,237

* Averages for all pages are 5 year averages.

Figure 1 – Crashes in Maryland

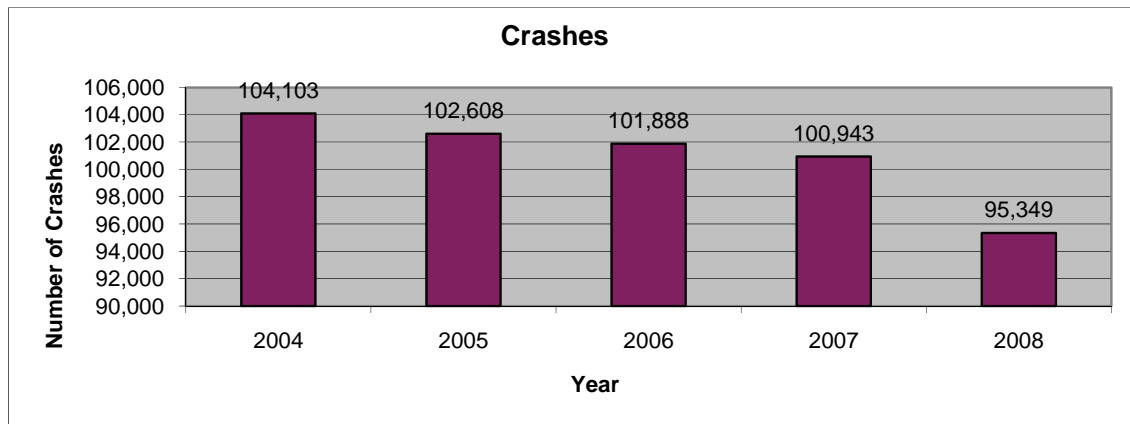


Figure 2 – Persons Injured in Crashes in Maryland

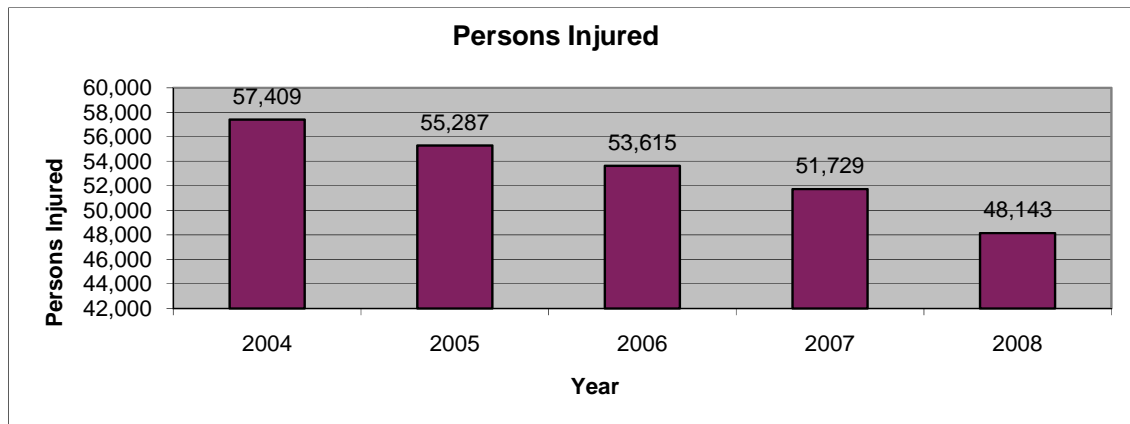


Figure 3 – Persons Killed in Crashes in Maryland

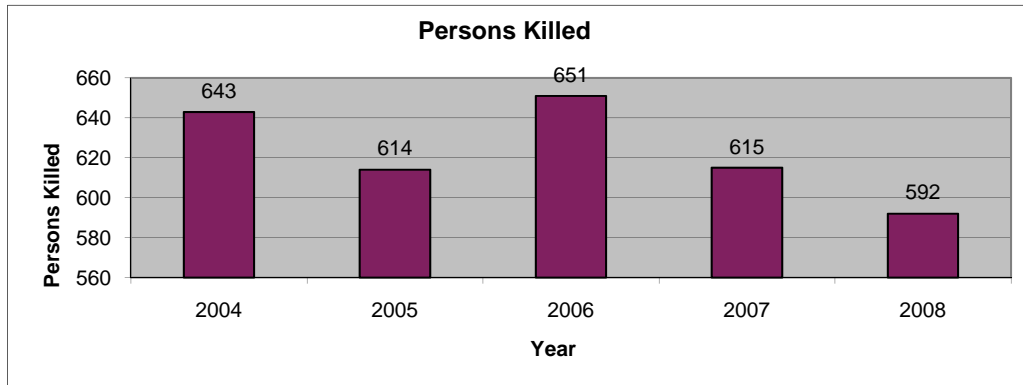


Table 2 - Crashes by Severity, 2004-2008

Year	Fatal Crashes		Injury Crashes		Property Damage Only		Total Crashes	
	Number	%	Number	%	Number	%	Number	%
2004	576	0.6	37,422	35.9	66,105	63.5	104,103	100.0
2005	577	0.6	36,548	35.6	65,499	63.8	102,624	100.0
2006	593	0.6	35,864	35.2	65,431	64.2	101,888	100.0
2007	558	0.6	34,866	34.5	65,519	64.9	100,943	100.0
2008	539	0.6	32,769	34.4	62,041	65.1	95,349	100.0

Table 3 - Persons Killed or Injured and Fatality and Injury Rates per Population, Licensed Drivers, Registered Vehicles and Vehicle Miles Traveled, 2004-2008

Killed									
Year	Fatalities	Resident Population (Thousands)	Fatality Rate per 100,000 Population	Licensed Drivers (Thousands)	Fatality Rate per 100,000 Licensed Drivers	Registered Motor Vehicles (Thousands)	Fatality Rate per 100,000 Registered Vehicles	Vehicle Miles Traveled*	Fatality Rate per 100 Million Vehicle Miles Traveled
2004	643	5,558	11.6	3,820	16.8	4,562	14.1	55.1	1.2
2005	614	5,600	11.0	3,872	15.9	4,498	13.6	56.7	1.1
2006	651	5,615	11.6	3,872	16.8	4,691	13.9	56.6	1.2
2007	615	5,618	10.9	3,966	15.5	4,749	13.0	56.8	1.1
2008	592	5,634	10.5	4,022	14.7	4,756	12.4	56.1	1.1
Injured									
Year	Injuries	Resident Population (Thousands)	Injury Rate per 100,000 Population	Licensed Drivers (Thousands)	Injury Rate per 100,000 Licensed Drivers	Registered Motor Vehicles (Thousands)	Injury Rate per 100,000 Registered Vehicles	Vehicle Miles Traveled*	Injury Rate per 100 Million Vehicle Miles Traveled
2004	57,409	5,558	1,032.9	3,820	1,502.8	4,562	1,258.4	55.1	97.6
2005	55,303	5,600	987.6	3,872	1,428.3	4,498	1,229.5	56.7	97.5
2006	53,615	5,615	954.8	3,872	1,384.7	4,691	1,142.9	56.6	94.7
2007	51,729	5,618	920.8	3,966	1,304.3	4,749	1,089.3	56.8	91.1
2008	48,143	5,634	854.5	4,022	1,197.0	4,756	1,012.2	56.1	85.8

*In billions

Table 4 - Vehicles Involved in Crashes and Involvement Rates per Vehicle Miles of Travel and per Registered Vehicles by Vehicle Type and Crash Severity, 2004-2008

Year	Vehicle Type											
	Passenger Cars			Light Trucks			Large Trucks			Motorcycles		
	No.	Rate per 100 Million VMT	Rate per 100,000 Registered Vehicles	No.	Rate per 100 Million VMT	Rate per 100,000 Registered Vehicles	No.	Rate per 100 Million VMT	Rate per 100,000 Registered Vehicles	No.	Rate per 100 Million VMT	Rate per 100,000 Registered Vehicles
Fatal Crashes												
2004	447	0.81	9.80	274	0.50	6.01	94	0.17	2.06	68	0.12	1.49
2005	444	0.78	9.87	312	0.55	6.94	75	0.13	1.67	89	0.16	2.05
2006	468	0.83	9.98	318	0.56	6.78	76	0.13	1.62	86	0.15	1.83
2007	404	0.71	8.51	286	0.50	6.02	71	0.12	1.50	98	0.17	2.06
2008	400	0.71	8.41	299	0.53	6.29	53	0.09	1.11	82	0.15	1.72
Injury Crashes												
2004	42,135	76.44	923.58	21,182	38.43	464.30	2,315	4.20	50.74	1,339	2.43	29.35
2005	41,073	72.39	913.13	21,887	38.58	486.59	2,479	4.37	55.11	1,473	2.60	33.88
2006	39,381	69.56	839.51	22,214	39.24	473.55	2,298	4.06	48.99	1,585	2.80	33.79
2007	37,097	65.35	781.19	22,320	39.32	470.02	2,043	3.60	43.02	1,593	2.81	33.54
2008	35,042	62.41	736.80	20,616	36.72	433.47	1,737	3.09	36.52	1,595	2.84	33.54
Property-Damage-Only Crashes												
2004	71,605	129.91	1,569.55	35,001	63.50	767.21	5,211	9.45	114.22	354	0.64	7.76
2005	68,202	120.21	1,516.26	35,721	62.96	794.14	5,395	9.51	119.94	358	0.63	8.23
2006	66,920	118.20	1,426.58	37,602	66.42	801.59	5,221	9.22	111.30	372	0.66	7.93
2007	65,496	115.38	1,379.22	38,326	67.52	807.07	4,909	8.65	103.37	375	0.66	7.90
2008	62,328	111.01	1,310.51	35,899	63.94	754.81	4,249	7.57	89.34	423	0.75	8.89

**Table 5 - Persons Killed or Injured by Person Type and Vehicle Type,
2004-2008**

Year	Person Type											Total
	Occupants by Vehicle Type						Motorcycle Riders	Nonoccupants				
	Passenger Cars	Light Truck	Large Truck	Buses	Other/Unknown	Total		Pedestrian	Pedalcyclist	Other/Unknown	Total	
Killed												
2004	296	154	24	3	4	536	55	95	11	1	107	643
2005	271	152	12	2	7	503	59	101	7	3	111	614
2006	314	141	8	0	4	467	82	93	7	2	102	651
2007	254	131	8	0	5	398	97	110	7	3	120	615
2008	238	128	6	0	11	383	86	115	7	1	123	592
Injured												
2004	30,378	16,315	869	690	1,137	50,453	1,064	2,481	673	146	3,300	53,753
2005	30,403	17,431	917	694	1,242	51,892	1,205	2,625	629	157	3,411	55,303
2006	31,036	15,095	743	847	855	48,576	1,660	2,594	648	137	3,379	53,615
2007	28,986	15,302	616	761	1,090	46,755	1,657	2,526	636	155	3,317	51,729
2008	27,327	13,765	516	834	775	43,217	1,654	2,469	619	184	3,272	48,143

Table 6 - Drivers Involved in Crashes and Involvement Rates per Licensed Drivers by Sex and Crash Severity, 2004-2008

Year	Sex						Total (>15 Years Old)		
	Male (>15 Years Old)			Female (>15 Years Old)					
	Number Involved in Crashes	Licensed Drivers (Thousands)	Rate per 100,000 Licensed Drivers	Number Involved in Crashes	Licensed Drivers (Thousands)	Rate per 100,000 Licensed Drivers	Number Involved in Crashes	Licensed Drivers (Thousands)	Rate per 100,000 Licensed Drivers
Drivers in Fatal Crashes									
2004	655	1,874,145	35.0	203	1,945,969	10.4	858	3,820,114	22.5
2005	670	1,899,500	35.3	232	1,972,071	11.8	902	3,871,571	23.3
2006	682	1,840,886	37.0	244	1,937,307	12.6	926	3,778,193	24.5
2007	632	1,954,346	32.3	203	2,011,820	10.1	835	3,966,166	21.0
2008	585	1,989,094	29.4	224	2,032,655	11.0	809	4,021,749	20.1
Drivers in Injury Crashes									
2004	36,303	1,874,145	1,937.0	27,714	1,945,969	1,424.2	64,017	3,820,114	1,675.8
2005	37,152	1,899,500	1,955.9	27,915	1,972,071	1,415.5	65,067	3,871,571	1,680.6
2006	35,765	1,840,886	1,942.8	27,341	1,937,307	1,411.3	63,106	3,778,193	1,670.3
2007	34,388	1,954,346	1,759.6	26,488	2,011,820	1,316.6	60,876	3,966,166	1,534.9
2008	31,796	1,989,094	1,598.5	25,141	2,032,655	1,236.8	56,937	4,021,749	1,415.7
Drivers in Property-Damage-Only Crashes									
2004	57,485	1,874,145	3,067.3	35,763	1,945,969	1,837.8	93,248	3,820,114	2,441.0
2005	57,187	1,899,500	3,010.6	35,785	1,972,071	1,814.6	92,972	3,871,571	2,401.4
2006	56,326	1,840,886	3,059.7	35,429	1,937,307	1,828.8	91,755	3,778,193	2,428.5
2007	55,529	1,954,346	2,841.3	35,581	2,011,820	1,768.6	91,110	3,966,166	2,297.2
2008	52,373	1,989,094	2,633.0	33,808	2,032,655	1,663.2	86,181	4,021,749	2,142.9

Table 7 - Motor Vehicle Occupants and Motorcycle Rider Fatality and Injury Rates per Population by Age Group, 2004-2008

Year	Age Group (Years)											Total
	<5	5-9	10-15	16-20	21-24	25-34	35-44	45-54	55-64	65-74	75+	
Fatality Rate per 100,000 Population												
2004	1.6	1.6	3.2	22.4	24.0	12.9	7.4	6.8	8.0	11.6	16.2	9.6
2005	0.5	1.9	2.4	16.9	22.8	12.1	9.5	6.5	6.4	10.3	14.0	8.9
2006	0.8	0.8	0.8	19.0	25.1	12.7	10.6	7.5	9.5	9.6	14.9	9.7
2007	0.5	0.8	2.8	17.9	22.4	12.6	9.1	8.6	6.7	7.7	8.3	8.8
2008	0.5	1.4	2.0	14.1	17.9	12.6	8.6	7.5	5.5	6.8	14.7	8.2
Injury Rate per 100,000 Population												
2004	222.9	285.8	334.9	1,959.8	1,846.6	1,338.1	978.4	814.6	678.6	567.1	434.7	875.1
2005	256.9	323.6	412.0	1,967.2	1,890.2	1,357.8	1,018.6	828.8	689.4	573.6	483.1	904.3
2006	255.8	290.0	366.9	1,854.6	1,830.2	1,287.8	972.9	815.4	667.0	566.7	524.1	874.4
2007	262.0	299.0	354.8	1,709.3	1,732.0	1,257.5	949.2	800.5	638.0	541.6	496.5	841.7
2008	257.9	275.5	312.3	1,513.4	1,649.0	1,180.9	875.0	729.1	593.9	513.4	478.1	778.2

** This table does not include occupants and riders of unknown age

Table 8 – Passenger Car Occupants Killed or Injured and Fatality and Injury Rates per Registered Vehicles and Vehicle Miles of Travel, 2004-2008

Year	Registered Vehicles	Vehicle Miles Traveled (Millions)	Passenger Car Occupants Killed	Fatality Rate per 100,000 Registered Vehicles	Fatality Rate per 100 Million Vehicle Miles Traveled	Passenger Car Occupants Injured	Injury Rate per 100,000 Registered Vehicles	Injury Rate per 100 Million Vehicle Miles Traveled
2004	4,562,129	55,119	295	6.5	0.5	30,368	665.6	55.1
2005	4,498,048	56,736	270	6.0	0.5	30,378	675.4	53.5
2006	4,690,937	56,616	314	6.7	0.6	31,036	661.6	54.8
2007	4,748,757	56,766	254	5.3	0.4	28,986	610.4	51.1
2008	4,756,356	56,147	238	5.0	0.4	27,327	574.5	48.7

Table 9 – Light Truck Occupants Killed or Injured and Fatality and Injury Rates per Registered Vehicles and Vehicle Miles of Travel, 2004-2008

Year	Registered Vehicles	Vehicle Miles Traveled (Millions)	Light Truck Occupants Killed	Fatality Rate per 100,000 Registered Vehicles	Fatality Rate per 100 Million Vehicle Miles Traveled	Light Truck Occupants Injured	Injury Rate per 100,000 Registered Vehicles	Injury Rate per 100 Million Vehicle Miles Traveled
2004	4,562,129	55,119	146	3.20	0.26	15,578	341.46	28.26
2005	4,498,048	56,736	145	3.22	0.26	16,652	370.21	29.35
2006	4,690,937	56,616	141	3.00	0.25	15,095	321.79	26.66
2007	4,748,757	56,766	131	2.76	0.23	15,302	322.23	26.96
2008	4,756,356	56,147	128	2.69	0.23	13,765	289.40	24.52

Table 10 – Large Truck Occupants Killed or Injured and Fatality and Injury Rates per Registered Vehicles and Vehicle Miles of Travel, 2004-2008

Year	Registered Vehicles	Vehicle Miles Traveled (Millions)	Large Truck Occupants Killed	Fatality Rate per 100,000 Registered Vehicles	Fatality Rate per 100 Million Vehicle Miles Traveled	Large Truck Occupants Injured	Injury Rate per 100,000 Registered Vehicles	Injury Rate per 100 Million Vehicle Miles Traveled
2004	4,562,129	55,119	32	0.70	0.06	1,606	35.20	2.91
2005	4,498,048	56,736	19	0.42	0.03	1,696	37.70	2.99
2006	4,690,937	56,616	8	0.17	0.01	743	15.84	1.31
2007	4,748,757	56,766	8	0.17	0.01	616	12.97	1.08
2008	4,756,356	56,147	6	0.13	0.01	516	10.85	0.92

Table 11 – Motorcycle Riders Killed or Injured and Fatality and Injury Rates per Registered Vehicles and Vehicle Miles of Travel, 2004-2008

Year	Registered Vehicles	Vehicle Miles Traveled (Millions)	Motorcycle Riders Killed	Fatality Rate per 100,000 Registered Vehicles	Fatality Rate per 100 Million Vehicle Miles Traveled	Motorcycle Riders Injured	Injury Rate per 100,000 Registered Vehicles	Injury Rate per 100 Million Vehicle Miles Traveled
2004	4,562,129	55,119	55	1.20	0.10	1,064	23.32	1.93
2005	4,498,048	56,736	59	1.31	0.10	1,205	26.79	2.12
2006	4,690,937	56,616	82	1.75	0.14	1,660	35.39	2.93
2007	4,748,757	56,766	97	2.04	0.17	1,657	34.89	2.92
2008	4,756,356	56,147	86	1.81	0.15	1,654	34.77	2.95

Table 12: Non-motorist Fatality and Injury Rates per Population by Age Group, 2004-2008

Year	Age Group (Years)											Total
	<5	5-9	10-15	16-20	21-24	25-34	35-44	45-54	55-64	65-74	74+	
Fatality Rate per 100,000 Population												
2004	0.5	1.6	2.0	1.3	1.4	1.4	2.0	3.0	1.7	3.1	1.6	1.9
2005	0.5	0.3	1.2	1.3	1.0	2.4	2.3	2.8	1.5	4.0	3.5	2.0
2006	1.1	0.6	1.1	1.5	1.0	1.6	2.4	3.2	1.3	1.2	2.9	1.8
2007	0.3	0.3	1.1	2.2	3.9	2.5	2.8	2.2	2.4	0.8	2.6	2.0
2008	1.6	0.3	0.9	3.2	2.0	2.6	2.2	3.4	1.7	1.6	2.2	2.2
Injury Rate per 100,000 Population												
2004	16.3	83.3	114.6	96.6	82.7	55.1	46.8	45.7	32.2	25.1	27.2	55.6
2005	24.4	63.9	109.0	98.6	90.4	61.7	52.3	48.3	34.5	33.1	28.2	57.6
2006	20.4	69.9	106.0	108.2	84.9	56.2	48.6	50.1	42.1	26.3	33.0	57.4
2007	18.8	63.2	102.9	96.2	84.6	55.8	49.6	48.7	32.9	30.3	29.5	54.5
2008	17.8	60.9	97.2	99.6	87.4	56.0	45.9	55.1	41.5	30.1	39.2	56.0

Table 13 - Persons Killed, by Highest Blood Alcohol Concentration (BAC) in the Crash, 2004-2008

Year	BAC=0.00		BAC=0.01--0.07		BAC=0.08+		Total Number	Total Fatalities in Alcohol--Related Crashes	
	Number	Percent	Number	Percent	Number	Percent		Number	Percent
2004	384	60	46	7	211	33	643	257	40
2005	403	66	45	7	165	27	614	210	34
2006	416	64	47	7	189	29	652	236	36
2007	389	63	46	8	179	29	614	225	37
2008	405	69	34	6	152	26	591	186	32

Table 14 - Drivers in Fatal Crashes by Blood Alcohol Concentration (BAC) and Sex, 2004-2008

Year	Male			Female		
	Total	BAC = 0.01+ (Percent)	BAC = 0.08+ (Percent)	Total	BAC = 0.01+ (Percent)	BAC = 0.08+ (Percent)
2004	663	30	26	192	14	10
2005	674	25	19	215	12	9
2006	688	26	21	231	16	11
2007	638	28	23	192	11	8
2008	604	25	20	200	10	8

Table 15 – Drivers of Passenger Cars and Light Trucks in Crashes by Crash Severity and Restraint Use, 2004-2008

Year	Restraint Used		Restraint Not Used		Restraint Use Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Drivers in Fatal Crashes								
2004	467	70.8	122	18.5	71	10.8	660	100.0
2005	507	75.7	116	17.3	47	7.0	670	100.0
2006	563	71.6	156	19.8	67	8.5	786	100.0
2007	476	69.0	137	19.8	77	11.1	690	100.0
2008	478	68.4	141	20.2	80	11.4	699	100.0
Drivers in Injury Crashes								
2004	53,571	86.5	1,668	2.7	6,667	10.8	61,906	100.0
2005	53,049	86.6	1,653	2.7	6,592	10.8	61,294	100.0
2006	52,474	85.2	1,872	3.0	7,249	11.8	61,595	100.0
2007	50,389	84.8	1,708	2.9	7,320	12.3	59,417	100.0
2008	47,281	85.0	1,507	2.7	6,870	12.3	55,658	100.0
Drivers in Property-Damage-Only Crashes								
2004	74,477	71.8	1,804	1.7	27,424	26.4	103,705	100.0
2005	72,373	71.8	1,690	1.7	26,710	26.5	100,773	100.0
2006	72,900	69.8	1,814	1.7	29,808	28.5	104,522	100.0
2007	72,053	69.4	1,800	1.7	29,969	28.9	103,822	100.0
2008	69,166	70.4	1,611	1.6	27,450	28.0	98,227	100.0

Table 16 – Occupants of Passenger Cars and Light Trucks Killed or Injured, by Restraint Use, 2004-2008

Year	Restraint Used		Restraint Not Used		Restraint Use Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Occupants Killed								
2004	225	57.7	134	34.4	31	8.0	390	100.0
2005	195	56.4	131	37.9	20	5.8	346	100.0
2006	250	54.9	167	36.7	38	8.4	455	100.0
2007	193	50.1	162	42.1	30	7.8	385	100.0
2008	188	51.4	153	41.8	25	6.8	366	100.0
Occupants Injured								
2004	38,759	87.8	2,577	5.8	2,784	6.3	44,120	100.0
2005	39,353	88.1	2,618	5.9	2,679	6.0	44,650	100.0
2006	39,282	85.1	2,705	5.9	4,144	9.0	46,131	100.0
2007	37,498	84.7	2,394	5.4	4,396	9.9	44,288	100.0
2008	34,756	84.6	2,212	5.4	4,124	10.0	41,092	100.0

Chapter 2: 2008 Crashes

Table 17 - Crashes and Crash Rates per 100 Million Vehicle Miles Traveled by Month and Crash Severity

Month	Crash Severity						Total Crashes	
	Fatal		Injury		Property Damage Only			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
January	42	0.07	2,473	4.40	5,026	8.95	7,541	13.43
February	46	0.08	2,382	4.24	5,186	9.24	7,614	13.56
March	40	0.07	2,578	4.59	5,027	8.95	7,645	13.62
April	40	0.07	2,864	5.10	5,213	9.28	8,117	14.46
May	39	0.07	2,967	5.28	5,484	9.77	8,490	15.12
June	53	0.09	2,811	5.01	4,896	8.72	7,760	13.82
July	41	0.07	2,818	5.02	4,705	8.38	7,564	13.47
August	54	0.10	2,873	5.12	4,813	8.57	7,740	13.79
September	49	0.09	2,731	4.86	4,895	8.72	7,675	13.67
October	39	0.07	2,899	5.16	5,416	9.65	8,354	14.88
November	53	0.09	2,647	4.71	5,756	10.25	8,456	15.06
December	43	0.08	2,728	4.86	5,622	10.01	8,393	14.95
Total	539	0.96	32,771	58.37	62,039	110.49	95,349	169.82

Table 18 - Crashes by Time of Day, Day of Week, and Crash Severity

Time of Day	Day of Week							Total
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Fatal Crashes								
Midnight to 3 am	19	7	5	6	10	6	27	80
3 am to 6 am	14	4	3	4	1	6	13	45
6 am to 9 am	3	7	7	7	8	7	7	46
9 am to Noon	9	2	5	8	8	11	14	57
Noon to 3 pm	8	6	8	10	11	12	6	61
3 pm to 6 pm	11	5	9	7	11	13	8	64
6 pm to 9 pm	15	18	11	7	15	12	19	97
9 pm to Midnight	11	10	11	17	11	14	15	89
Total	90	59	59	66	75	81	109	539
Injury Crashes								
Midnight to 3 am	529	189	170	153	199	243	551	2,034
3 am to 6 am	268	136	140	136	137	163	283	1,263
6 am to 9 am	212	646	719	710	673	660	361	3,981
9 am to Noon	461	666	620	567	613	670	682	4,279
Noon to 3 pm	657	799	765	798	815	931	867	5,632
3 pm to 6 pm	717	1,063	1,239	1,187	1,212	1,206	855	7,479
6 pm to 9 pm	579	666	723	731	789	845	695	5,028
9 pm to Midnight	361	350	377	398	396	596	593	3,071
Unknown	1	0	0	1	0	2	0	4
Total	3,785	4,515	4,753	4,681	4,834	5,316	4,887	32,771
Property-Damage-Only Crashes								
Midnight to 3 am	1,345	516	472	503	542	662	1,401	5,441
3 am to 6 am	798	344	330	301	291	401	784	3,249
6 am to 9 am	524	1,194	1,344	1,349	1,282	1,329	727	7,749
9 am to Noon	820	1,145	1,150	1,102	1,151	1,234	1,256	7,858
Noon to 3 pm	1,065	1,379	1,368	1,427	1,569	1,677	1,432	9,917
3 pm to 6 pm	1,121	1,874	1,980	1,950	1,991	2,208	1,482	12,606
6 pm to 9 pm	1,080	1,120	1,166	1,219	1,261	1,611	1,288	8,745
9 pm to Midnight	802	689	779	803	863	1,280	1,247	6,463
Unknown	1	3	2	1	0	0	4	11
Total	7,556	8,264	8,591	8,655	8,950	10,402	9,621	62,039

**Table 18 - Crashes by Time of Day, Day of Week, and Crash Severity
(continued)**

Time of Day	Day of Week							Total
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
All Crashes								
Midnight to 3 am	1,893	712	647	662	751	911	1,979	7,555
3 am to 6 am	1,080	484	473	441	429	570	1,080	4,557
6 am to 9 am	739	1,847	2,070	2,066	1,963	1,996	1,095	11,776
9 am to Noon	1,290	1,813	1,775	1,677	1,772	1,915	1,952	12,194
Noon to 3 pm	1,730	2,184	2,141	2,235	2,395	2,620	2,305	15,610
3 pm to 6 pm	1,849	2,942	3,228	3,144	3,214	3,427	2,345	20,149
6 pm to 9 pm	1,674	1,804	1,900	1,957	2,065	2,468	2,002	13,870
9 pm to Midnight	1,174	1,049	1,167	1,218	1,270	1,890	1,855	9,623
Unknown	2	3	2	2	0	2	4	15
Total	11,431	12,838	13,403	13,402	13,859	15,799	14,617	95,349

Table 19 - Crashes by Weather Conditions, Light Condition, and Crash Severity

	Light Condition					Total
	Daylight	Dark, But lighted	Dark	Dawn or Dusk	Other/Unknown	
Fatal Crashes						
Clear/Cloudy	210	150	99	18	0	477
Raining	20	16	10	3	0	49
Snow/Sleet	4	3	2	0	0	9
Other	3	1	0	0	0	4
Unknown	0	0	0	0	0	0
Total	237	170	111	21	0	539
Injury Crashes						
Clear/Cloudy	18,431	5,301	1,915	1,157	65	26,869
Raining	2,860	1,366	430	335	9	5,000
Snow/Sleet	290	128	76	39	2	535
Other	105	55	59	35	3	257
Unknown	74	14	7	4	11	110
Total	21,760	6,864	2,487	1,570	90	32,771
Property-Damage-Only Crashes						
Clear/Cloudy	31,417	11,947	3,577	2,313	340	49,594
Raining	5,347	3,030	904	649	61	9,991
Snow/Sleet	682	327	173	111	10	1,303
Other	233	166	104	57	7	567
Unknown	282	86	36	40	140	584
Total	37,961	15,556	4,794	3,170	558	62,039
All Crashes						
Clear/Cloudy	50,058	17,398	5,591	3,488	405	76,940
Foggy	8,227	4,412	1,344	987	70	15,040
Raining	976	458	251	150	12	1,847
Other	341	222	163	92	10	828
NA / Unknown	356	100	43	44	151	694
Total	59,958	22,590	7,392	4,761	648	95,349

Table 20 - Crashes by Crash Type, Relation to Roadway, and Crash Severity

Crash Type	Relation to Roadway					Total
	On Roadway	Off Roadway	Shoulder	Median	Other/Unknown	
Fatal Crashes						
Single	150	102	16	6	9	283
Multiple	244	6	4	1	1	256
Total	394	108	20	7	10	539
Injury Crashes						
Single	6,814	1,813	417	155	977	10,176
Multiple	21,650	164	147	12	622	22,595
Total	28,464	1,977	564	167	1,599	32,771
Property-Damage-Only Crashes						
Single	10,551	3,121	688	359	2,126	16,845
Multiple	41,194	404	422	27	3,147	45,194
Total	51,745	3,525	1,110	386	5,273	62,039
All Crashes						
Single	17,515	5,036	1,121	520	3,112	27,304
Multiple	63,088	574	573	40	3,770	68,045
Total	80,603	5,610	1,694	560	6,882	95,349

Table 21 - Crashes by Speed Limit Crash Type, and Crash Severity

Speed Limit	Crash Type				Total	
	Single Vehicle		Multiple Vehicle			
	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes						
30 mph or less	43	15.2	42	16.4	85	15.8
35 or 40 mph	65	23.0	67	26.2	132	24.5
45 or 50 mph	39	13.8	60	23.4	99	18.4
55 mph	23	8.1	58	22.7	81	15.0
60 mph or higher	9	3.2	14	5.5	23	4.3
No Statutory Limit / Unknown	104	36.7	15	5.9	119	22.1
Total	283	100.0	256	100.0	539	100.0
Injury Crashes						
30 mph or less	1,836	18.0	7,142	31.6	8,978	27.4
35 or 40 mph	2,158	21.2	7,688	34.0	9,846	30.0
45 or 50 mph	1,215	11.9	3,667	16.2	4,882	14.9
55 mph	1,160	11.4	2,489	11.0	3,649	11.1
60 mph or higher	537	5.3	640	2.8	1,177	3.6
No Statutory Limit / Unknown	3,270	32.1	969	4.2	4,239	12.9
Total	10,176	100.0	22,595	100.0	32,771	100.0
Property-Damage-Only Crashes						
30 mph or less	5,149	30.6	19,137	42.3	24,286	39.1
35 or 40 mph	4,282	25.4	11,987	26.5	16,269	26.2
45 or 50 mph	2,344	13.9	4,480	9.9	6,824	11.0
55 mph	2,523	15.0	3,466	7.7	5,989	9.7
60 mph or higher	1,005	6.0	900	2.0	1,905	3.1
No Statutory Limit / Unknown	1,542	9.2	5,224	11.5	6,766	10.9
Total	16,845	100.0	45,194	100.0	62,039	100.0
All Crashes						
30 mph or less	7,028	25.7	26,321	38.7	33,349	35.0
35 or 40 mph	6,505	23.8	19,742	29.0	26,247	27.5
45 or 50 mph	3,598	13.2	8,207	12.1	11,805	12.4
55 mph	3,706	13.6	6,013	8.8	9,719	10.2
60 mph or higher	1,551	5.7	1,554	2.3	3,105	3.3
No Statutory Limit / Unknown	4,916	18.0	6,208	9.1	11,124	11.7
Total	27,304	100.0	68,045	100.0	95,349	100.0

Table 22- Fatal Crashes by Speed Limit and Land Use - 2008

Speed Limit	Land Use						Total	
	Rural		Urban		Unknown		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
30 mph or less	10	6.5	42	13.9	33	40.7	85	15.8
35 or 40 mph	40	25.8	71	23.4	21	25.9	132	24.5
45 or 50 mph	51	32.9	42	13.9	6	7.4	99	18.4
55 mph	26	16.8	53	17.5	2	2.5	81	15.0
60 mph or higher	8	5.2	12	4.0	3	3.7	23	4.3
No Statutory Limit / Unknown	20	12.9	83	27.4	16	19.8	119	22.1
Total	155	100.0	303	100.0	81	100.0	539	100.0

Table 23 – Crashes by First Harmful Event, Manner of Collision, and Crash Severity

First Harmful Event	Crash Severity						Total	
	Fatal Crashes		Injury Crashes		Property-Damage-Only Crashes			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Collision with Motor Vehicle in Transport								
Angle	59	10.9	5,240	16.0	6,337	10.2	11,636	12.2
Rear End	37	6.9	8,999	27.5	14,155	22.8	23,191	24.3
Sideswipe	18	3.3	1,431	4.4	4,005	6.5	5,454	5.7
Head On	93	17.3	3,753	11.5	3,665	5.9	7,511	7.9
Turn	1	0.2	336	1.0	933	1.5	1,270	1.3
Other/Unknown	13	2.4	946	2.9	2,645	4.3	3,604	3.8
<i>Subtotal</i>	<i>221</i>	<i>41.0</i>	<i>20,705</i>	<i>63.2</i>	<i>31,740</i>	<i>51.2</i>	<i>52,666</i>	<i>55.2</i>
Collision with Fixed Object								
Pole/Post	22	4.1	1,127	3.4	2,921	4.7	4,070	4.3
Culvert/Curb/Ditch	37	6.9	1,063	3.2	2,800	4.5	3,900	4.1
Shrubbery/Tree	61	11.3	1,004	3.1	1,285	2.1	2,350	2.5
Guard Rail	28	5.2	1,203	3.7	2,557	4.1	3,788	4.0
Embankment	8	1.5	384	1.2	416	0.7	808	0.8
Bridge	2	0.4	75	0.2	142	0.2	219	0.2
Building	1	0.2	117	0.4	529	0.9	647	0.7
Fence	2	0.4	116	0.4	722	1.2	840	0.9
Other/Unknown	2	0.4	187	0.6	766	1.2	955	1.0
<i>Subtotal</i>	<i>163</i>	<i>30.2</i>	<i>5,276</i>	<i>16.1</i>	<i>12,138</i>	<i>19.6</i>	<i>17,577</i>	<i>18.4</i>
Collision with Object Not Fixed								
Parked Motor Vehicle	7	1.3	938	2.9	10,681	17.2	11,626	12.2
Animal	1	0.2	222	0.7	1,333	2.1	1,556	1.6
Pedestrian	98	18.2	2,256	6.9	363	0.6	2,717	2.8
Pedalcyclist	7	1.3	643	2.0	236	0.4	886	0.9
Train	0	0.0	7	0.0	25	0.0	32	0.0
Other/Unknown	2	0.4	240	0.7	690	1.1	932	1.0
<i>Subtotal</i>	<i>115</i>	<i>21.3</i>	<i>4,306</i>	<i>13.1</i>	<i>13,328</i>	<i>21.5</i>	<i>17,749</i>	<i>18.6</i>
Noncollision								
Rollover	8	1.5	572	1.7	420	0.7	1,000	1.0
Other/Unknown	30	5.6	1,098	3.4	1,821	2.9	2,949	3.1
<i>Subtotal</i>	<i>38</i>	<i>7.1</i>	<i>1,670</i>	<i>5.1</i>	<i>2,241</i>	<i>3.6</i>	<i>3,949</i>	<i>4.1</i>
Other/Unknown	2	0.4	814	2.5	2,592	4.2	3,408	3.6
Total	539	100.0	32,771	100.0	62,039	100.0	95,349	100.0

Table 24 – Two-Vehicle Crashes by Vehicle Type and Crash Severity

Vehicle Type	Vehicle Type					
	Passenger Car	Light Truck	Large Truck	Motorcycle	Bus	Other/Unknown
Fatal Crashes (Total =170)						
Passenger Car	33	37	16	28	1	6
Light Truck		7	11	15	0	3
Large Truck			1	1	0	2
Motorcycle			0	1	1	0
Bus					0	0
Other/Unknown						7
Injury Crashes (Total=15,264)						
Passenger Car	6,242	5,153	655	430	251	428
Light Truck		1,040	279	195	107	161
Large Truck			37	15	22	18
Motorcycle				22	9	17
Bus					11	7
Other/Unknown						165
Property-Damage-Only Crashes (Total=33,393)						
Passenger Car	11,504	9,514	1,586	144	1,120	4,113
Light Truck		2,066	712	51	580	1,082
Large Truck			138	6	152	155
Motorcycle				6	0	28
Bus					100	107
Other/Unknown						229

Table 25 – Crashes and Percent Alcohol Related by Time of Day, Crash Type, and Crash Severity

Time of Day	Crash Type						Total		
	Single Vehicle			Multiple Vehicle					
	No.	Alcohol Related	% Alcohol	No.	Alcohol Related	% Alcohol	No.	Alcohol Related	% Alcohol
Fatal Crashes									
Midnight to 3 am	55	36	65.5	25	16	64.0	80	52	65.0
3 am to 6 am	29	16	55.2	16	8	50.0	45	24	53.3
6 am to 9 am	19	6	31.6	27	4	14.8	46	10	21.7
9 am to Noon	26	5	19.2	31	2	6.5	57	7	12.3
Noon to 3 pm	22	3	13.6	39	4	10.3	61	7	11.5
3 pm to 6 pm	26	3	11.5	38	3	7.9	64	6	9.4
6 pm to 9 pm	50	17	34.0	47	15	31.9	97	32	33.0
9 pm to Midnight	56	30	53.6	33	18	54.5	89	48	53.9
Total	283	116	41.0	256	70	27.3	539	186	34.5
Injury Crashes									
Midnight to 3 am	1,059	431	40.7	975	287	29.4	2,034	718	35.3
3 am to 6 am	662	146	22.1	601	118	19.6	1,263	264	20.9
6 am to 9 am	1,124	32	2.8	2,857	48	1.7	3,981	80	2.0
9 am to Noon	1,152	35	3.0	3,127	62	2.0	4,279	97	2.3
Noon to 3 pm	1,461	52	3.6	4,171	78	1.9	5,632	130	2.3
3 pm to 6 pm	1,909	116	6.1	5,570	160	2.9	7,479	276	3.7
6 pm to 9 pm	1,619	213	13.2	3,409	252	7.4	5,028	465	9.2
9 pm to Midnight	1,188	278	23.4	1,883	306	16.3	3,071	584	19.0
Unknown	2	1	50.0	2	0	0.0	4	1	25.0
Total	10,176	1,304	12.8	22,595	1,311	5.8	32,771	2,615	8.0
Property-Damage-Only Crashes									
Midnight to 3 am	2,463	647	26.3	2,978	617	20.7	5,441	1,264	23.2
3 am to 6 am	1,810	314	17.3	1,439	194	13.5	3,249	508	15.6
6 am to 9 am	2,090	75	3.6	5,659	79	1.4	7,749	154	2.0
9 am to Noon	1,836	53	2.9	6,022	91	1.5	7,858	144	1.8
Noon to 3 pm	1,984	75	3.8	7,933	132	1.7	9,917	207	2.1
3 pm to 6 pm	2,309	118	5.1	10,297	284	2.8	12,606	402	3.2
6 pm to 9 pm	2,142	190	8.9	6,603	440	6.7	8,745	630	7.2
9 pm to Midnight	2,207	370	16.8	4,256	567	13.3	6,463	937	14.5
Unknown	4	1	25.0	7	0	0.0	11	1	9.1
Total	16,845	1,843	10.9	45,194	2,404	5.3	62,039	4,247	6.8

Table 25 – Crashes and Percent Alcohol Related by Time of Day, Crash Type, and Crash Severity (continued)

Time of Day	Crash Type						Total		
	Single Vehicle			Multiple Vehicle					
	No.	Alcohol Related	% Alcohol	No.	Alcohol Related	% Alcohol	No.	Alcohol Related	% Alcohol
All Crashes									
Midnight to 3 am	3,577	1,114	31.1	3,978	920	23.1	7,555	2,034	26.9
3 am to 6 am	2,501	476	19.0	2,056	320	15.6	4,557	796	17.5
6 am to 9 am	3,233	113	3.5	8,543	131	1.5	11,776	244	2.1
9 am to Noon	3,014	93	3.1	9,180	155	1.7	12,194	248	2.0
Noon to 3 pm	3,467	130	3.7	12,143	214	1.8	15,610	344	2.2
3 pm to 6 pm	4,244	237	5.6	15,905	447	2.8	20,149	684	3.4
6 pm to 9 pm	3,811	420	11.0	10,059	707	7.0	13,870	1,127	8.1
9 pm to Midnight	3,451	678	19.6	6,172	891	14.4	9,623	1,569	16.3
Unknown	6	2	33.3	9	0	0.0	15	2	13.3
Total	27,304	3,263	12.0	68,045	3,785	5.6	95,349	7,048	7.4

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Table 26 - Vehicles Involved in Crashes by Vehicle Type and Crash Severity

Vehicle Type	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Passenger Car	400	46.4	35,042	57.6	62,328	54.9	97,770	55.8
Light Truck	299	34.7	20,616	33.9	35,899	31.6	56,814	32.4
Large Truck	53	6.1	1,737	2.9	4,249	3.7	6,039	3.4
Motorcycle	82	9.5	1,595	2.6	423	0.4	2,100	1.2
Bus	5	0.6	605	1.0	2,585	2.3	3,195	1.8
Other/Unknown	23	2.7	1,227	2.0	8,136	7.1	9,286	5.3
Total	862	100.0	60,822	100.0	113,520	100.0	175,204	100.0

Table 27 – Vehicles Involved in Fatal Crashes by Body Type

Body Type	Number	Percent
Passenger Cars	400	46.4
Automobile	391	45.4
Station Wagon	9	1.0
Light Trucks	298	34.6
Recreational Vehicle	143	16.6
Pickup Truck	90	10.4
Van	65	7.5
Large Trucks	53	6.1
Single Truck 2 Axles	17	2.0
Single Truck 3 Axles	7	0.8
Truck Tractor	29	3.4
Motorcycles	82	9.5
Buses	5	0.6
Transit Bus	3	0.4
School Bus	2	0.2
Other Vehicles	19	2.2
Police Vehicle/Emergency	3	0.4
Police Vehicle/Non-Emergency	2	0.2
Other	14	1.6
Unknown	5	0.6
Total	862	100.0

Table 28 – Vehicles Involved in Crashes by Vehicle Type, Rollover Occurrence, and Crash Severity (Excludes Motorcycles)

Vehicle Type	Rollover Occurrence						Total	
	Yes		No		Unknown		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
Fatal Crashes								
Passenger Car	0	0	400	100.0	0	0.0	400	100.0
Light Truck								
Pickup	0	0	90	100.0	0	0.0	90	100.0
Van	1	1.5	64	98.5	0	0.0	65	100.0
Utility	3	2.1	141	97.9	0	0.0	144	100.0
Large Truck	2	3.8	51	96.2	0	0.0	53	100.0
Bus	0	0	5	100.0	0	0.0	5	100.0
Other/Unknown	0	0	23	100.0	0	0.0	23	100.0
Total	6	0.8	774	99.2	0	0.0	780	100.0
Injury Crashes								
Passenger Car	172	0.5	34,819	99.4	51	0.1	35,042	100.0
Light Truck								
Pickup	47	0.9	5,381	99.1	1	0.0	5,429	100.0
Van	17	0.4	4,666	99.5	6	0.1	4,689	100.0
Utility	123	1.2	10,365	98.7	10	0.1	10,498	100.0
Large Truck	35	2.0	1,701	97.9	1	0.1	1,737	100.0
Bus	2	0.3	602	99.5	1	0.2	605	100.0
Other/Unknown	17	1.4	1,207	98.4	3	0.2	1,227	100.0
Total	413	0.7	58,741	99.2	73	0.1	59,227	100.0
Property-Damage-Only Crashes								
Passenger Car	134	0.2	62,082	99.6	112	0.2	62,328	100.0
Light Truck								
Pickup	66	0.6	10,274	99.3	11	0.1	10,351	100.0
Van	12	0.2	7,963	99.7	15	0.2	7,990	100.0
Utility	128	0.7	17,405	99.1	25	0.1	17,558	100.0
Large Truck	55	1.3	4,190	98.6	4	0.1	4,249	100.0
Bus	0	0	2,581	99.8	4	0.2	2,585	100.0
Other/Unknown	3	0.0	7,992	99.5	41	0.5	8,036	100.0
Total	398	0.4	112,487	99.5	212	0.2	113,097	100.0

**Table 28 – Vehicles Involved in Crashes by Vehicle Type, Rollover Occurrence, and Crash Severity (Excludes Motorcycles)
(continued)**

Vehicle Type	Rollover Occurrence						Total	
	Yes		No		Unknown		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
All Crashes								
Passenger Car	306	0.3	97,301	99.5	163	0.2	97,770	100.0
Light Truck								
Pickup	113	0.7	15,745	99.2	12	0.1	15,870	100.0
Van	30	0.2	12,693	99.6	21	0.2	12,744	100.0
Utility	254	0.9	27,911	99.0	35	0.1	28,200	100.0
Large Truck	92	1.5	5,942	98.4	5	0.1	6,039	100.0
Bus	2	0.1	3,188	99.8	5	0.2	3,195	100.0
Other/Unknown	20	0.2	9,222	99.3	44	0.5	9,286	100.0
Total	817	0.5	172,002	99.4	285	0.2	173,104	100.0

Table 29 – Vehicles Involved in Crashes by Vehicle Type, Fire Occurrence, and Crash Severity

Vehicle Type	Fire Occurrence				Total	
	Yes		No			
	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes						
Passenger Car	8	2.0	392	98.0	400	100.0
Light Truck	2	0.7	297	99.3	299	100.0
Large Truck	3	5.7	50	94.3	53	100.0
Bus	0	0.0	5	100.0	5	100.0
Other/Unknown	0	0.0	23	100.0	23	100.0
Motorcycle	2	2.4	80	97.6	82	100.0
Total	15	1.7	847	98.3	862	100.0
Injury Crashes						
Passenger Car	46	0.1	34,996	99.9	35,042	100.0
Light Truck	32	0.2	20,584	99.8	20,616	100.0
Large Truck	5	0.3	1,732	99.7	1,737	100.0
Bus	1	0.2	604	99.8	605	100.0
Other/Unknown	0	0.0	1,227	100.0	1,227	100.0
Motorcycle	1	0.1	1,594	99.9	1,595	100.0
Total	85	0.1	60,737	99.9	60,822	100.0
Property-Damage-Only Crashes						
Passenger Car	63	0.1	62,265	99.9	62,328	100.0
Light Truck	43	0.1	35,856	99.9	35,899	100.0
Large Truck	3	0.1	4,246	99.9	4,249	100.0
Bus	0	0.0	2,585	100.0	2,585	100.0
Other/Unknown	0	0.0	8,036	100.0	8,036	100.0
Motorcycle	1	0.2	422	99.8	423	100.0
Total	110	0.1	113,410	99.9	113,520	100.0
All Crashes						
Passenger Car	117	0.1	97,653	99.9	97,770	100.0
Light Truck	77	0.1	56,737	99.9	56,814	100.0
Large Truck	11	0.2	6,028	99.8	6,039	100.0
Bus	1	0.0	3,194	100.0	3,195	100.0
Other/Unknown	0	0.0	9,286	100.0	9,286	100.0
Motorcycle	4	0.2	2,096	99.8	2,100	100.0
Total	210	0.1	174,994	99.9	175,204	100.0

Table 30 – Vehicles Involved in Single- and Two-Vehicle Crashes by Movement and Crash Severity

Movement	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	%	Number	%	Number	%	Number	%
Moving Constant Speed	452	64.8	23,454	49.9	39,639	40.8	63,545	43.8
Accelerating	46	6.6	2,969	6.3	5,071	5.2	8,086	5.6
Slowing or Stopping	31	4.4	5,866	12.5	11,410	11.7	17,307	11.9
Starting from Lane	1	0.1	1,328	2.8	2,143	2.2	3,472	2.4
Starting from Park	1	0.1	337	0.7	1,010	1.0	1,348	0.9
Stopped in Traffic Lane	9	1.3	2,649	5.6	5,541	5.7	8,199	5.7
Changing Lane	18	2.6	933	2.0	2,125	2.2	3,076	2.1
Passing	6	0.9	165	0.4	627	0.6	798	0.6
Parking	0	0	72	0.2	495	0.5	567	0.4
Parked	8	1.1	690	1.5	9,369	9.6	10,067	6.9
Backing	1	0.1	395	0.8	2,859	2.9	3,255	2.2
Making Left Turn	47	6.7	4,702	10.0	6,118	6.3	10,867	7.5
Making Right Turn	5	0.7	948	2.0	2,446	2.5	3,399	2.3
Right Turn on Red	0	0	39	0.1	58	0.1	97	0.1
Making U Turn	1	0.1	319	0.7	591	0.6	911	0.6
Skidding	41	5.9	1,437	3.1	2,215	2.3	3,693	2.5
Driverless Moving Vehicle	1	0.1	38	0.1	184	0.2	223	0.2
Other/Unknown	29	4.2	695	1.5	5,296	5.4	6,020	4.2
Total	697	100.0	47,036	100.0	97,197	100.0	144,930	100.0

Table 31 – Passenger Cars Involved in Crashes by First Harmful Event and Crash Severity

First Harmful Event	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Collision with Motor Vehicle in Transport by Initial Impact								
Front	114	28.5	13,855	39.5	18,952	30.4	32,921	33.7
Left Side	48	12.0	2,889	8.2	4,459	7.2	7,396	7.6
Right Side	36	9.0	2,464	7.0	3,723	6.0	6,223	6.4
Rear	19	4.8	6,424	18.3	8,256	13.2	14,699	15.0
Other/Unknown	3	0.8	1,224	3.5	3,002	4.8	4,229	4.4
<i>Subtotal</i>	220	55.0	26,856	76.6	38,392	61.6	65,468	67.0
Collision with Fixed Object	98	24.5	3,347	9.6	7,418	11.9	10,863	11.1
Collision with Object Not Fixed	67	16.8	3,199	9.1	12,604	20.2	15,870	16.2
Non Collision	14	3.5	745	2.1	1,231	2.0	1,990	2.0
Unknown	1	0.3	895	2.6	2,683	4.3	3,579	3.7
Total	400	100.0	35,042	100.0	62,328	100.0	97,770	100.0

Table 32 – Passenger Cars Involved in Crashes by Initial Point of Impact, Crash Severity, and Crash Type

	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Single-Vehicle Crashes								
Front	82	59.9	3,635	65.1	6,422	67.4	10,139	66.5
Left Side	17	12.4	462	8.3	770	8.1	1,249	8.2
Right Side	20	14.6	477	8.5	852	8.9	1,349	8.9
Rear	0	0.0	189	3.4	371	3.9	560	3.7
Noncollision	0	0.0	184	3.3	109	1.1	293	1.9
Other/Unknown	18	13.1	633	11.4	1,001	10.5	1,652	10.8
Total	137	100.0	5,580	100.0	9,525	100.0	15,242	100.0
Multiple-Vehicle Crashes								
Front	130	49.4	15,138	51.4	23,655	44.8	38,923	47.2
Left Side	55	20.9	3,234	11.0	7,492	14.2	10,781	13.1
Right Side	42	16.0	2,675	9.1	5,075	9.6	7,792	9.4
Rear	21	8.0	6,962	23.6	11,211	21.2	18,194	22.0
Noncollision	3	1.1	22	0.1	12	0.0	37	0.0
Other/Unknown	12	4.6	1,431	4.8	5,358	10.1	6,801	8.2
Total	263	100.0	29,462	100.0	52,803	100.0	82,528	100.0
All Crashes								
Front	212	53.0	18,773	53.6	30,077	48.3	49,062	50.2
Left Side	72	18.0	3,696	10.5	8,262	13.3	12,030	12.3
Right Side	62	15.5	3,152	9.0	5,927	9.5	9,141	9.3
Rear	21	5.3	7,151	20.4	11,582	18.6	18,754	19.2
Noncollision	3	0.8	206	0.6	121	0.2	330	0.3
Other/Unknown	30	7.5	2,064	5.9	6,359	10.2	8,453	8.6
Total	400	100.0	35,042	100.0	62,328	100.0	97,770	100.0

Table 33 – Light Trucks Involved in Crashes by First Harmful Event and Crash Severity

First Harmful Event	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Collision with Motor Vehicle in Transport by Initial Impact								
Front	100	33.4	8,341	40.5	9,670	26.9	18,111	31.9
Left Side	22	7.4	1,501	7.3	2,573	7.2	4,096	7.2
Right Side	18	6	1,359	6.6	2,231	6.2	3,608	6.4
Rear	16	5.4	3,938	19.1	6,388	17.8	10,342	18.2
Other/Unknown	6	2.0	682	3.3	1,630	4.5	2,318	4.1
<i>Subtotal</i>	162	54.2	15,821	76.7	22,492	62.7	38,475	67.7
Collision with Fixed Object	66	22.1	1,857	9	3,821	10.6	5,744	10.1
Collision with Object Not Fixed	50	16.7	1,920	9.3	7,264	20.2	9,234	16.3
Non Collision	17	5.7	579	2.8	845	2.4	1,441	2.5
Unknown	4	1.3	439	2.1	1,477	4.1	1,920	3.4
Total	299	100	20,616	100	35,899	100	56,814	100

Table 34 – Light Trucks Involved in Crashes by Initial Point of Impact, Crash Severity, and Crash Type

	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Single-Vehicle Crashes								
Front	78	74.3	2,065	62.9	3,343	64.6	5,486	64.1
Left Side	6	5.7	252	7.7	438	8.5	696	8.1
Right Side	8	7.6	295	9.0	473	9.1	776	9.1
Rear	0	0	126	3.8	223	4.3	349	4.1
Noncollision	3	2.9	176	5.4	142	2.7	321	3.7
Other/Unknown	10	9.6	371	11.3	552	10.7	933	10.9
Total	105	100.0	3,285	100.0	5,171	100.0	8,561	100.0
Multiple-Vehicle Crashes								
Front	111	57.2	9,008	52.0	12,065	39.3	21,184	43.9
Left Side	27	13.9	1,710	9.9	4,088	13.3	5,825	12.1
Right Side	24	12.4	1,474	8.5	3,114	10.1	4,612	9.6
Rear	20	10.3	4,318	24.9	8,631	28.1	12,969	26.9
Noncollision	1	0.5	26	0.2	12	0.0	39	0.1
Other/Unknown	11	5.7	795	4.5	2,818	9.1	3,624	7.5
Total	194	100.0	17,331	100.0	30,728	100.0	48,253	100.0
All Crashes								
Front	189	63.2	11,073	53.7	15,408	42.9	26,670	46.9
Left Side	33	11.0	1,962	9.5	4,526	12.6	6,521	11.5
Right Side	32	10.7	1,769	8.6	3,587	10.0	5,388	9.5
Rear	20	6.7	4,444	21.6	8,854	24.7	13,318	23.4
Noncollision	4	1.3	202	1.0	154	0.4	360	0.6
Other/Unknown	21	7.0	1,166	5.7	3,370	9.4	4,557	8.0
Total	299	100.0	20,616	100.0	35,899	100.0	56,814	100.0

Table 35 – Large Trucks Involved in Crashes by First Harmful Event and Crash Severity

First Harmful Event	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Collision with Motor Vehicle in Transport by Initial Impact								
Front	26	49.1	696	40.1	831	19.6	1,553	25.7
Left Side	5	9.4	131	7.5	356	8.4	492	8.1
Right Side	1	1.9	155	8.9	406	9.6	562	9.3
Rear	4	7.5	177	10.2	357	8.4	538	8.9
Other/Unknown	4	7.5	215	12.4	496	11.7	715	11.8
<i>Subtotal</i>	<i>40</i>	<i>75.5</i>	<i>1,374</i>	<i>79.1</i>	<i>2,446</i>	<i>57.6</i>	3,860	63.9
Collision with Fixed Object	2	3.8	117	6.7	616	14.5	735	12.2
Collision with Object Not Fixed	9	17	149	8.6	806	19	964	16
Non Collision	2	3.8	57	3.3	160	3.8	219	3.6
Unknown	0	0	40	2.3	221	5.2	261	4.3
Total	53	100	1,737	100	4,249	100	6,039	100

Table 36 – Large Trucks Involved in Crashes by Initial Point of Impact, Crash Severity, and Crash Type

	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Single-Vehicle Crashes								
Front	5	62.5	86	46.2	228	28.9	319	32.5
Left Side	0	0.0	17	9.1	52	6.6	69	7.0
Right Side	0	0.0	26	14.0	104	13.2	130	13.2
Rear	1	12.5	9	4.8	64	8.1	74	7.5
Noncollision	2	25.0	22	11.8	29	3.7	53	5.4
Other/Unknown	0	0.0	26	15.0	311	39.4	337	34.4
Total	8	100.0	186	100.0	788	100.0	982	100.0
Multiple-Vehicle Crashes								
Front	26	57.8	756	48.7	999	28.9	1,781	35.2
Left Side	5	11.1	144	9.3	524	15.1	673	13.3
Right Side	2	4.4	171	11.0	551	15.9	724	14.3
Rear	6	13.3	229	14.8	612	17.7	847	16.7
Noncollision	0	0.0	6	0.4	4	0.1	10	0.2
Other/Unknown	6	13.3	245	15.7	771	22.3	1,022	20.3
Total	45	100.0	1,551	100.0	3,461	100.0	5,057	100.0
All Crashes								
Front	31	58.5	842	48.5	1,227	28.9	2,100	34.8
Left Side	5	9.4	161	9.3	576	13.6	742	12.3
Right Side	2	3.8	197	11.3	655	15.4	854	14.1
Rear	7	13.2	238	13.7	676	15.9	921	15.3
Noncollision	2	3.8	28	1.6	33	0.8	63	1.0
Other/Unknown	6	11.3	271	15.6	1,082	25.4	1,359	22.5
Total	53	100.0	1,737	100.0	4,249	100.0	6,039	100.0

Table 37 – Large Trucks Involved in Crashes by Truck Type, Rollover Occurrence, and Crash Severity

	Rollover Occurrence						Total	
	Yes		No		Unknown			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Fatal Crashes								
Single Truck 2 Axles	0	0.0	17	100.0	0	0.0	17	100.0
Single Truck 3 Axles	0	0.0	7	100.0	0	0.0	7	100.0
Truck Tractor	2	6.9	27	93.1	0	0.0	29	100.0
Total	2	3.8	51	96.2	0	0.0	53	100.0
Injury Crashes								
Single Truck 2 Axles	5	0.6	781	99.4	0	0.0	786	100.0
Single Truck 3 Axles	8	2.9	263	96.7	1	0.4	272	100.0
Truck Tractor	22	3.2	657	96.8	0	0.0	679	100.0
Total	35	2.0	1,701	97.9	1	0.1	1,737	100.0
Property-Damage-Only Crashes								
Single Truck 2 Axles	16	0.7	2,185	99.2	1	0.0	2,202	100.0
Single Truck 3 Axles	12	1.9	618	97.8	2	0.3	632	100.0
Truck Tractor	27	1.9	1,387	98.0	1	0.1	1,415	100.0
Total	55	1.3	4,190	98.6	4	0.1	4,249	100.0
All Crashes								
Single Truck 2 Axles	21	0.7	2,983	99.3	1	0.0	3,005	100.0
Single Truck 3 Axles	20	2.2	888	97.5	3	0.3	911	100.0
Truck Tractor	51	2.4	2,071	97.6	1	0.0	2,123	100.0
Total	92	1.5	5,942	98.4	5	0.1	6,039	100.0

Table 38 – Motorcycles Involved in Crashes by First Harmful Event and Crash Severity

First Harmful Event	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Collision with Motor Vehicle in Transport by Initial Impact								
Front	34	41.5	383	24	98	23.2	515	24.5
Left Side	3	3.7	87	5.5	28	6.6	118	5.6
Right Side	4	4.9	57	3.6	15	3.5	76	3.6
Rear	1	1.2	85	5.3	30	7.1	116	5.5
Other/Unknown	9	11.0	124	7.8	50	11.8	183	8.7
<i>Subtotal</i>	<i>51</i>	<i>62.2</i>	<i>736</i>	<i>46.1</i>	<i>221</i>	<i>52.2</i>	<i>1,008</i>	<i>48</i>
Collision with Fixed Object	22	26.8	258	16.2	36	8.5	316	15
Collision with Object Not Fixed	1	1.2	167	10.5	76	18	244	11.6
Non Collision	7	8.5	347	21.8	69	16.3	423	20.1
Unknown	1	1.2	87	5.5	21	5	109	5.2
Total	82	100	1,595	100	423	100	2,100	100

Table 39 – Motorcycles Involved in Crashes by Initial Point of Impact, Crash Severity, and Crash Type

	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Single-Vehicle Crashes								
Front	16	64.0	246	32.5	40	31.3	302	33.2
Left Side	5	20.0	143	18.9	24	18.8	172	18.9
Right Side	1	4.0	130	17.2	25	19.5	156	17.1
Rear	0	0.0	5	0.7	3	2.3	8	0.9
Noncollision	3	12.0	124	16.4	15	11.7	142	15.6
Other/Unknown	0	0.0	110	14.5	21	16.4	131	14.3
Total	25	100.0	758	100.0	128	100.0	911	100.0
Multiple-Vehicle Crashes								
Front	38	66.7	439	52.4	126	42.7	603	50.7
Left Side	5	8.8	101	12.1	33	11.2	139	11.7
Right Side	4	7.0	64	7.6	29	9.8	97	8.2
Rear	1	1.8	88	10.5	33	11.2	122	10.3
Noncollision	1	1.8	38	4.5	1	0.3	40	3.4
Other/Unknown	8	14.1	107	12.8	73	24.8	188	15.8
Total	57	100.0	837	100.0	295	100.0	1,189	100.0
All Crashes								
Front	54	65.9	685	42.9	166	39.2	905	43.1
Left Side	10	12.2	244	15.3	57	13.5	311	14.8
Right Side	5	6.1	194	12.2	54	12.8	253	12.0
Rear	1	1.2	93	5.8	36	8.5	130	6.2
Noncollision	4	4.9	162	10.2	16	3.8	182	8.7
Other/Unknown	8	9.7	217	13.6	94	22.3	319	15.2
Total	82	100.0	1,595	100.0	423	100.0	2,100	100.0

Table 40 – Buses Involved in Crashes by First Harmful Event and Crash Severity

First Harmful Event	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Collision with Motor Vehicle in Transport by Initial Impact								
Front	2	40.0	230	38.0	490	19.0	722	22.6
Left Side	0	0.0	71	11.7	408	15.8	479	15.0
Right Side	1	20.0	51	8.4	242	9.4	294	9.2
Rear	0	0.0	99	16.4	429	16.6	528	16.5
Other/Unknown	0	0.0	14	2.3	157	6.1	171	5.3
<i>Subtotal</i>	3	60.0	465	76.9	1,726	66.8	2,194	68.7
Collision with Fixed Object	0	0.0	17	2.8	145	5.6	162	5.1
Collision with Object Not Fixed	2	40.0	86	14.2	595	23.0	683	21.4
Non Collision	0	0.0	16	2.6	7	0.3	23	0.7
Unknown	0	0.0	21	3.5	112	4.3	133	4.2
Total	5	100.0	605	100.0	2,585	100.0	3,195	100.0

Table 41 – Buses Involved in Crashes by Initial Point of Impact, Crash Severity, and Crash Type

	Crash Severity						Total	
	Fatal		Injury		Property Damage Only			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Single-Vehicle Crashes								
Front	1	50.0	29	36.3	32	18.1	62	23.9
Left Side	0	0.0	12	15.0	17	9.6	29	11.2
Right Side	0	0.0	12	15.0	59	33.3	71	27.4
Rear	0	0.0	5	6.3	31	17.5	36	13.9
Noncollision	0	0.0	1	1.3	0	0.0	1	0.4
Other/Unknown	1	50.0	21	26.3	38	21.5	60	23.2
Total	2	100.0	80	100.0	177	100.0	259	100.0
Multiple-Vehicle Crashes								
Front	2	66.7	251	47.8	616	25.6	869	29.6
Left Side	0	0.0	75	14.3	509	21.1	584	19.9
Right Side	1	33.3	63	12.0	431	17.9	495	16.9
Rear	0	0.0	112	21.3	621	25.8	733	25.0
Other/Unknown	0	0.0	24	4.6	231	9.6	255	8.7
Total	3	100.0	525	100.0	2,408	100.0	2,936	100.0
All Crashes								
Front	3	60.0	280	46.3	648	25.1	931	29.1
Left Side	0	0.0	87	14.4	526	20.3	613	19.2
Right Side	1	20.0	75	12.4	490	19.0	566	17.7
Rear	0	0.0	117	19.3	652	25.2	769	24.1
Noncollision	0	0.0	1	0.2	0	0.0	1	0.0
Other/Unknown	1	20.0	45	7.5	269	10.4	315	9.9
Total	5	100.0	605	100.0	2,585	100.0	3,195	100.0

Chapter 4: 2008 People

Table 42 - Persons Killed or Injured by Person Type and Injury Severity

Person Type	Person Killed	Person Injured by Injury Severity				Total Killed or Injured
		Incapacitating	Nonincapacitating	Possible	Total Injured	
Vehicle Occupants						
Driver	279	2,710	11,535	16,290	30,535	30,814
Passenger	104	927	4,104	7,622	12,653	12,757
Occupant of Unknown Body Type	0	0	11	18	29	29
<i>Subtotal</i>	383	3,637	15,650	23,930	43,217	43,600
Motorcycle Riders	86	371	886	397	1,654	1,740
Nonmotorists						
Pedestrian	115	445	1,127	897	2,469	2,584
Pedalcyclist	7	74	298	247	619	626
Other/Unknown	1	17	90	77	184	185
<i>Subtotal</i>	123	536	1,515	1,221	3,272	3,395
Total	592	4,544	18,051	25,548	48,143	48,735

Table 43 - Persons Killed or Injured, by Age and Injury Severity

Age(Year)	Persons Killed	Person Injured by Injury Severity				Total Killed or Injured
		Incapacitating	Nonincapacitating	Possible	Total Injured	
<5	8	35	232	758	1,025	1,033
5-9	6	87	337	791	1,215	1,221
10-15	13	151	690	983	1,824	1,837
16-20	70	610	2,601	3,317	6,528	6,598
21-24	60	525	2,045	2,657	5,227	5,287
25-34	111	807	3,409	4,825	9,041	9,152
35-44	89	752	2,819	4,029	7,600	7,689
45-54	96	709	2,600	3,553	6,862	6,958
55-64	46	402	1,581	2,075	4,058	4,104
65-74	31	190	780	1,018	1,988	2,019
75+	53	192	627	804	1,623	1,676
Unknown	9	84	330	738	1,152	1,161
Total	592	4,544	18,051	25,548	48,143	48,735

Table 44 - Persons Killed or Injured by Sex and Injury Severity

Gender	Person Killed	Person Injured by Injury Severity				Total Killed or Injured
		Incapacitating	Nonincapacitating	Possible	Total Injured	
Male	433	2,473	8,880	11,778	23,131	23,564
Female	159	2,064	9,143	13,663	24,870	25,029
Unknown	0	7	28	107	142	142
Total	592	4,544	18,051	25,548	48,143	48,735

Table 45 - Persons Killed or Injured and Fatality and Injury Rates per 100,000 Population by Age and Sex

Age(Years)	Male			Female			Total		
	Killed	Population (Thousands)	Rate	Killed	Population (Thousands)	Rate	Killed	Population (Thousands)	Rate
<5	3	190.17	1.58	5	181.61	2.75	8	371.79	2.15
5-9	2	184.24	1.09	4	176.92	2.26	6	361.16	1.66
10-15	7	227.00	3.08	6	218.36	2.75	13	445.36	2.92
16-20	50	205.72	24.30	20	199.00	10.05	70	404.72	17.30
21-24	47	152.23	30.88	13	148.81	8.74	60	301.04	19.93
25-34	87	361.77	24.05	24	369.22	6.50	111	730.99	15.18
35-44	73	399.70	18.26	16	425.53	3.76	89	825.24	10.78
45-54	73	420.33	17.37	23	454.74	5.06	96	875.07	10.97
55-64	33	301.67	10.94	13	337.02	3.86	46	638.69	7.20
65-74	22	166.74	13.19	9	199.06	4.52	31	365.80	8.47
75+	31	117.74	26.33	22	196.02	11.22	53	313.76	16.89
Unknown	5	*	*	4	*	*	9	*	*
Total	433	2,727.32	15.88	159	2,906.3	5.47	592	5,633.60	10.51
Age(Years)	Male			Female			Total		
	Injured	Population (Thousands)	Rate	Injured	Population (Thousands)	Rate	Injured	Population (Thousands)	Rate
<5	511	190.17	268.70	508	181.61	279.71	1,062	371.79	274.08
5-9	626	184.24	339.77	585	176.92	330.67	1,301	361.16	335.31
10-15	893	227.00	393.39	922	218.36	422.24	2,094	445.36	407.54
16-20	3,126	205.72	1519.52	3,392	199	1704.57	7,270	404.72	1610.50
21-24	2,605	152.23	1711.27	2,619	148.81	1759.97	5,517	301.04	1735.35
25-34	4,432	361.77	1225.09	4,604	369.22	1246.96	9,474	730.99	1236.14
35-44	3,678	399.70	920.18	3,914	425.53	919.79	8,479	825.24	919.98
45-54	3,281	420.33	780.58	3,572	454.74	785.51	7,353	875.07	783.14
55-64	1,840	301.67	609.93	2,216	337.02	657.54	4,188	638.69	635.05
65-74	883	166.74	529.56	1,104	199.06	554.61	2,002	365.80	543.19
75+	693	117.74	588.57	890	196.02	454.03	1,665	313.76	504.52
Unknown	563	*	*	544	*	*	1,185	*	*
Total	23,131	2,727.32	848.12	24,870	2,906.3	855.73	51,590	5,633.60	852.05

Table 46 - Persons Killed or Injured in Crashes by Weather Condition and Light Condition

Weather Condition	Light Condition				Unknown	Total
	Daylight	Dark, But lighted	Dark	Dawn or Dusk		
Persons Killed						
Clear/Cloudy	229	162	114	20	0	525
Raining	23	18	10	3	0	54
Snow/Sleet	4	3	2	0	0	9
Other	3	1	0	0	0	4
Unknown	0	0	0	0	0	0
Total	259	184	126	23	0	592
Persons Injured						
Clear/Cloudy	27,043	8,090	2,784	1,694	85	39,696
Raining	4,063	1,980	606	477	10	7,136
Snow/Sleet	465	177	110	54	4	810
Other	135	76	79	55	3	348
Unknown	103	17	11	6	16	153
Total	31,809	10,340	3,590	2,286	118	48,143

Table 47 - Persons Killed or Injured in Crashes by Speed Limit and Crash Type

Speed Limit	Crash Type				Total	
	Single Vehicle		Multiple Vehicle			
	Number	Percent	Number	Percent	Number	Percent
Persons Killed						
30 mph or less	46	15.5	50	16.9	96	16.2
35 or 40 mph	68	23.0	77	26.0	145	24.5
45 or 50 mph	41	13.9	69	23.3	110	18.6
55 mph	25	8.4	64	21.6	89	15.0
60 mph or higher	9	3.0	16	5.4	25	4.2
No Statutory Limit / Unknown	107	36.1	20	6.7	127	21.5
Total	296	100.0	296	100.0	592	100.0
Persons Injured						
30 mph or less	2,313	19.5	11,176	30.8	13,489	28.0
35 or 40 mph	2,663	22.4	12,266	33.8	14,929	31.0
45 or 50 mph	1,442	12.1	6,175	17.0	7,617	15.8
55 mph	1,402	11.8	4,255	11.7	5,657	11.8
60 mph or higher	673	5.7	1,137	3.1	1,810	3.8
No Statutory Limit / Unknown	3,396	28.6	1,245	3.4	4,641	9.6
Total	11,889	100.0	36,254	100.0	48,143	100.0

Table 48 - Persons Killed in Crashes by Speed Limit and Land Use - 2008

Speed Limit	Land Use						Total	
	Rural		Urban		Unknown			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
30 mph or less	16	16.7	46	47.9	34	35.4	96	100.0
35 or 40 mph	46	31.7	77	53.1	22	15.2	145	100.0
45 or 50 mph	55	50.0	48	43.6	7	6.4	110	100.0
55 mph	27	30.3	60	67.4	2	2.2	89	100.0
60 mph or higher	10	40.0	12	48.0	3	12.0	25	100.0
No Statutory Limit / Unknown	21	16.5	90	70.9	16	12.6	127	100.0
Total	175	29.6	333	56.3	84	14.2	592	100.0

Table 49 - Persons Killed or Injured in Crashes and Percent Alcohol-Related by Time of Day and Crash Type

Time of Day	Crash Type						Total		
	Single Vehicle			Multiple Vehicle			Number	Alcohol-Related	% Alcohol Related
	Number	Alcohol-Related	% Alcohol Related	Number	Alcohol-Related	% Alcohol Related			
Persons Killed									
Midnight to 3 am	57	31	54.4	34	11	32.4	91	42	46.2
3 am to 6 am	29	13	44.8	18	7	38.9	47	20	42.6
6 am to 9 am	19	6	31.6	32	3	9.4	51	9	17.6
9 am to Noon	28	5	17.9	33	2	6.1	61	7	11.5
Noon to 3 pm	23	3	13.0	43	3	7.0	66	6	9.1
3 pm to 6 pm	28	2	7.1	43	2	4.7	71	4	5.6
6 pm to 9 pm	52	15	28.8	53	11	20.8	105	26	24.8
9 pm to Midnight	60	26	43.3	40	14	35.0	100	40	40.0
Total	296	101	34.1	296	53	17.9	592	154	26.0
Persons Injured									
Midnight to 3 am	1,313	405	30.8	1,726	180	10.4	3,039	585	19.2
3 am to 6 am	778	142	18.3	925	72	7.8	1,703	214	12.6
6 am to 9 am	1,313	31	2.4	4,279	23	0.5	5,592	54	1.0
9 am to Noon	1,328	33	2.5	4,879	29	0.6	6,207	62	1.0
Noon to 3 pm	1,661	45	2.7	6,599	44	0.7	8,260	89	1.1
3 pm to 6 pm	2,198	108	4.9	8,928	69	0.8	11,126	177	1.6
6 pm to 9 pm	1,870	190	10.2	5,719	129	2.3	7,589	319	4.2
9 pm to Midnight	1,426	258	18.1	3,197	174	5.4	4,623	432	9.3
Unknown	2	1	50.0	2	0	0.0	4	1	25.0
Total	11,889	1,213	10.2	36,254	720	2.0	48,143	1,933	4.0

* Figures from MAARS (state crash reports)

Table 50 - Persons Killed in Construction/Maintenance Zones, by Roadway Function Class and Person Type

Roadway Function Class	Person Type			Total
	Driver	Motorcycle Riders	Pedestrian	
Interstate	1	0	1	2
Maryland	1	1	1	3
County	1	0	1	2
Total	3	1	3	7

Table 51 - Driver Involvement Rates per 100,000 Licensed Drivers by Age, Sex and Crash Severity

Age (Years)	Sex					Total	
	Male		Female		Unknown		
	Drivers	Involvement Rate	Drivers	Involvement Rate	Drivers	Drivers	Involvement Rate
Drivers in Fatal Crashes							
<16	2	N/A	1	N/A	1	4	N/A
16-20	59	50.95	34	30.79	1	94	41.55
21-24	63	45.77	17	13.16	.	80	29.98
25-34	112	30.44	48	13.49	.	160	22.10
35-44	119	30.29	30	7.45	.	149	18.73
45-54	107	26.06	35	8.18	2	144	17.17
55-64	65	21.71	34	10.70	.	99	16.04
65-74	31	19.43	10	5.97	.	41	12.54
75+	29	27.54	16	13.19	.	45	19.86
Unknown	5	-	2	-	39	46	-
Total	592	29.76	227	11.17	43	862	21.43
Drivers in Injury Crashes							
<16	70	N/A	27	N/A	1	98	N/A
16-20	3,751	3,238.95	3,286	2,975.61	8	7,045	3,113.95
21-24	3,618	2,628.69	2,855	2,210.28	9	6,482	2,429.50
25-34	6,810	1,850.61	5,531	1,554.30	24	12,365	1,708.26
35-44	6,213	1,581.29	4,895	1,215.46	21	11,129	1,398.76
45-54	5,530	1,346.95	4,189	978.75	19	9,738	1,161.28
55-64	3,261	1,089.33	2,476	779.43	10	5,747	931.40
65-74	1,599	1,002.25	1,109	661.95	5	2,713	829.47
75+	1,008	957.24	795	655.56	3	1,806	797.09
Unknown	606	-	286	-	2,807	3,699	-
Total	32,466	1,632.20	25,449	1,252.01	2,907	60,822	1,512.33

Table 51 - Driver Involvement Rates per 100,000 Licensed Drivers by Age, Sex and Crash Severity (continued)

Age (Years)	Sex					Total	
	Male		Female		Unknown		
	Drivers	Involvement Rate	Drivers	Involvement Rate	Drivers	Drivers	Involvement Rate

Drivers in Property-Damage-Only Crashes

<16	113	N/A	47	N/A	-	160	N/A
16-20	6,580	5,681.77	4,815	4,360.19	31	11,426	5,050.39
21-24	6,186	4,494.50	4,058	3,141.62	61	10,305	3,862.39
25-34	11,988	3,257.73	7,582	2,130.66	116	19,686	2,719.67
35-44	10,152	2,583.82	6,518	1,618.46	85	16,755	2,105.87
45-54	8,787	2,140.26	5,348	1,249.54	97	14,232	1,697.21
55-64	5,186	1,732.38	3,240	1,019.93	51	8,477	1,373.85
65-74	2,198	1,377.70	1,320	787.89	24	3,542	1,082.93
75+	1,282	1,217.44	919	757.81	11	2,212	976.28
Unknown	2,580	-	1,051	-	23,094	26,725	-
Total	55,052	2,767.69	34,898	1,716.87	23,570	113,520	2,822.65

Drivers in All Crashes

<16	185	N/A	75	N/A	2	262	N/A
16-20	10,390	8,971.67	8,135	7,366.59	40	18,565	8,205.89
21-24	9,867	7,168.96	6,930	5,365.06	70	16,867	6,321.87
25-34	18,910	5,138.78	13,161	3,698.45	140	32,211	4,450.03
35-44	16,484	4,195.41	11,443	2,841.36	106	28,033	3,523.35
45-54	14,424	3,513.28	9,572	2,236.46	118	24,114	2,875.66
55-64	8,512	2,843.43	5,750	1,810.05	61	14,323	2,321.29
65-74	3,828	2,399.38	2,439	1,455.81	29	6,296	1,924.93
75+	2,319	2,202.22	1,730	1,426.56	14	4,063	1,793.23
Unknown	3,191	-	1,339	-	25,940	30,470	-
Total	88,110	4,429.65	60,574	2,980.04	26,520	175,204	4,356.41

Table 52 - Related Factors for Drivers and Motorcycle Operators Involved in Fatal Crashes

Factors	Number	Percent
Under influence of drugs	5	0.4
Under influence of alcohol	52	4.5
Under combined of medication	3	0.3
Under combined influence'	2	0.2
Physical/mental difficulty	9	0.8
Fell asleep, fainted, etc	13	1.1
Failed to give full time and attention	146	12.6
Did not comply with license restrictions	9	0.8
Failed to drive within a single lane	92	7.9
Failed to yield right of way	78	6.7
Failed to obey stop sign	8	0.7
Failed to obey traffic signal	16	1.4
Failed to obey other traffic control	16	1.4
Failed to keep right of center	68	5.9
Failed to stop for school bus	0	0.0
Wrong way on one way road	6	0.5
Exceeded speed limit	65	5.6
Operator using a cellular telephone	0	0.0
Stopping in lane/roadway	3	0.3
Too fast for conditions	88	7.6
Follow too closely	10	0.9
Improper turn	11	0.9
Improper lane change	12	1.0
Improper backing	1	0.1
Improper passing	9	0.8
Improper signal	0	0.0
Improper parking	1	0.1
Interference/Obstruction by passenger	0	0.0
Other factors	22	1.9
Not applicable	417	35.9
Unknown	0	0.0
Total Drivers	1,162	100.0

* The sum of the numbers and percentages is greater than total drivers and operators involved as more than one factor may be present for the same person.

Table 53 - Vehicle Occupants Killed or Injured, by Vehicle Type, Person Type, and Injury Severity

Vehicle and Person Type		Persons Killed	Persons Injured by Injury Severity				Total Killed or Injured
			Incapacitating	Nonincapacitating	Possible	Total Injured	
Passenger Car							
	Drivers	177	1,719	7,452	10,676	19,847	20,024
	Passengers	61	555	2,486	4,439	7,480	7,541
	<i>Subtotal</i>	238	2,274	9,938	15,115	27,327	27,565
Light Truck							
	Drivers	87	866	3,613	5,078	9,557	9,644
	Passengers	41	332	1,330	2,546	4,208	4,249
	<i>Subtotal</i>	128	1,198	4,943	7,624	13,765	13,893
Large Truck							
	Drivers	6	35	163	216	414	420
	Passengers	0	5	41	56	102	102
	<i>Subtotal</i>	6	40	204	272	516	522
Bus							
	Drivers	0	13	44	76	133	133
	Passengers	0	22	189	490	701	701
	<i>Subtotal</i>	0	35	233	566	834	834
Other/Unknown							
	Drivers	9	77	263	244	584	593
	Passengers	2	13	69	109	191	193
	<i>Subtotal</i>	11	90	332	353	775	786
Subtotal							
	Drivers	279	2,710	11,535	16,290	30,535	30,814
	Passengers	104	927	4,115	7,640	12,682	12,786
	<i>Subtotal</i>	383	3,637	15,650	23,930	43,217	43,600
Motorcycle							
	Drivers	79	337	815	377	1,529	1,608
	Passengers	7	34	71	20	125	132
	<i>Subtotal</i>	86	371	886	397	1,654	1,740
	Total	469	4,008	16,536	24,327	44,871	45,340

Table 54 - Vehicle Occupants Killed or Injured, by Sex and Vehicle Type

Sex	Vehicle Type						Subtotal	Motorcycles	Total
	Passenger Car	Light Truck	Large Truck	Bus	Other/Unknown				
Occupants Killed									
Male	153	96	6	0	8	263	77	340	
Female	85	32	0	0	3	120	9	129	
Total	238	128	6	0	11	383	86	469	
Occupants Injured									
Male	11,377	6,907	461	369	581	19,695	1,432	21,127	
Female	15,883	6,834	54	426	188	23,385	222	23,607	
Unknown	67	24	1	39	6	137	0	137	
Total	27,327	13,765	516	834	775	43,217	1,654	44,871	

Table 55 - Vehicle Occupants Killed or Injured, by Age and Vehicle Type

Age (Year)	Vehicle Type						Subtotal	Motorcycle	Total
	Passenger Car	Light Truck	Large Truck	Bus	Other/Unknown				
Occupants Killed									
<5	1	1	0	0	0	2	0	2	
5-9	2	3	0	0	0	5	0	5	
10-15	5	3	0	0	0	8	1	9	
16-20	41	9	0	0	2	52	5	57	
21-24	30	13	0	0	2	45	9	54	
25-34	47	20	1	0	1	69	23	92	
35-44	29	19	1	0	1	50	21	71	
45-54	20	23	1	0	3	47	19	66	
55-64	15	11	2	0	1	29	6	35	
65-74	15	8	1	0	0	24	1	25	
75+	28	16	0	0	1	45	1	46	
Unknown	5	2	0	0	0	7	0	7	
Total	238	128	6	0	11	383	86	469	
Occupants Injured									
<5	528	412	1	11	4	956	3	959	
5-9	556	420	0	13	4	993	2	995	
10-15	732	495	2	114	28	1,371	20	1,391	
16-20	4,400	1,433	9	45	67	5,954	171	6,125	
21-24	3,524	1,052	38	47	104	4,765	199	4,964	
25-34	5,374	2,462	138	99	229	8,302	330	8,632	
35-44	3,714	2,698	139	138	166	6,855	366	7,221	
45-54	3,357	2,333	113	148	78	6,029	351	6,380	
55-64	2,209	1,296	42	68	32	3,647	146	3,793	
65-74	1,225	567	18	25	10	1,845	33	1,878	
75+	1,121	311	6	49	6	1,493	7	1,500	
Unknown	587	286	10	77	47	1,007	26	1,033	
Total	27,327	13,765	516	834	775	43,217	1,654	44,871	

Table 56 - Vehicle Occupants Killed or Injured, by Age, Person Type, and Sex

Age (Year)	Person Type											
	Drivers						Passengers					
	Male		Female		Total		Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Occupants Killed												
<5	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0
5-9	0	0.0	0	0.0	0	0.0	2	40.0	3	60.0	5	100.0
10-15	1	50.0	1	50.0	2	100.0	3	42.9	4	57.1	7	100.0
16-20	29	74.4	10	25.6	39	100.0	10	55.6	8	44.4	18	100.0
21-24	38	88.4	5	11.6	43	100.0	4	36.4	7	63.6	11	100.0
25-34	56	81.2	13	18.8	69	100.0	16	69.6	7	30.4	23	100.0
35-44	55	88.7	7	11.3	62	100.0	5	55.6	4	44.4	9	100.0
45-54	44	78.6	12	21.4	56	100.0	6	60.0	4	40.0	10	100.0
55-64	22	68.8	10	31.3	32	100.0	1	33.3	2	66.7	3	100.0
65-74	17	81.0	4	19.0	21	100.0	2	50.0	2	50.0	4	100.0
75+	19	63.3	11	36.7	30	100.0	7	43.8	9	56.3	16	100.0
Unknown	2	50.0	2	50.0	4	100.0	1	33.3	2	66.7	3	100.0
Total	283	79.1	75	20.9	358	100.0	57	51.4	54	48.6	111	100.0
Occupants Injured												
<5	0	0.0	0	0.0	0	0.0	468	49.1	485	50.9	953	100.0
5-9	2	50.0	2	50.0	4	100.0	466	47.2	521	52.8	987	100.0
10-15	47	74.6	16	25.4	63	100.0	556	42.2	763	57.8	1,319	100.0
16-20	1,948	48.4	2,076	51.6	4,024	100.0	927	44.3	1,165	55.7	2,092	100.0
21-24	1,922	50.9	1,853	49.1	3,775	100.0	530	44.7	656	55.3	1,186	100.0
25-34	3,447	49.7	3,493	50.3	6,940	100.0	734	43.5	953	56.5	1,687	100.0
35-44	2,990	49.5	3,050	50.5	6,040	100.0	453	38.6	721	61.4	1,174	100.0
45-54	2,627	49.7	2,660	50.3	5,287	100.0	373	34.4	711	65.6	1,084	100.0
55-64	1,543	49.5	1,572	50.5	3,115	100.0	162	24.0	514	76.0	676	100.0
65-74	717	49.3	738	50.7	1,455	100.0	104	24.6	318	75.4	422	100.0
75+	524	51.0	503	49.0	1,027	100.0	107	24.6	328	75.4	435	100.0
Unknown	176	60.7	114	39.3	290	100.0	304	43.5	395	56.5	699	100.0
Total	15,943	49.8	16,077	50.2	32,020	100.0	5,184	40.8	7,530	59.2	12,714	100.0

Table 57 - Vehicle Occupants Killed or Injured, by Vehicle Type and First Harmful Event

Vehicle Type	First Harmful Event										Total	
	Collision With						Noncollision		Other/Unknown			
	Motor Vehicle in Transport		Object Not Fixed		Fixed Object							
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Occupants Killed												
Passenger Car	131	55.0	88	37.0	5	2.1	13	5.5	1	0.4	238	100.0
Light Truck	53	41.4	58	45.3	3	2.3	14	10.9	0	0	128	100.0
Large Truck	2	33.3	2	33.3	0	0.0	2	33.3	0	0	6	100.0
Other/Unknown	8	72.7	2	18.2	0	0.0	1	9.1	0	0	11	100.0
Motorcycle	55	64.0	22	25.6	1	1.2	7	8.1	1	1.2	86	100.0
Total	249	53.1	172	36.7	9	1.9	37	7.9	2	0.4	469	100.0
Occupants Injured												
Passenger Car	20,832	76.2	3,837	14.0	1,053	3.9	889	3.3	716	2.6	27,327	100.0
Light Truck	10,251	74.5	2,105	15.3	457	3.3	682	5.0	270	2	13,765	100.0
Large Truck	319	61.8	104	20.2	29	5.6	53	10.3	11	2.1	516	100.0
Bus	647	77.6	40	4.8	33	4.0	88	10.6	26	3.1	834	100.0
Other/Unknown	516	66.6	125	16.1	67	8.6	44	5.7	23	3	775	100.0
Motorcycle	761	46.0	273	16.5	165	10.0	367	22.2	88	5.3	1,654	100.0
Total	33,326	74.3	6,484	14.5	1,804	4.0	2,123	4.7	1,134	2.5	44,871	100.0

Table 58 - Vehicle Occupants Killed or Injured, by Initial Point of Impact and Vehicle Type

Initial Point of Impact	Vehicle Type						Total
	Passenger Car	Light Truck	Large Truck	Bus	Other/Unknown	Motorcycle	
Occupants Killed							
Front	106	76	4	0	6	55	247
Left	56	19	0	0	3	12	90
Right	49	13	0	0	1	5	68
Rear	6	7	0	0	0	1	14
Other	17	12	2	0	1	12	44
Unknown	4	1	0	0	0	1	6
Total	238	128	6	0	11	86	469
Occupants Injured							
Front	14,123	6,984	241	401	323	708	22,780
Left	3,125	1,478	59	111	130	262	5,165
Right	2,594	1,332	60	86	91	196	4,359
Rear	6,012	3,105	91	198	123	88	9,617
Other	783	541	39	9	27	260	1,659
Unknown	690	325	26	29	81	140	1,291
Total	27,327	13,765	516	834	775	1,654	44,871

Table 59 - Vehicle Occupants Killed or Injured, by Vehicle Type and Ejection

Vehicle Type	Ejected		Not Ejected		Other/Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Occupants Killed								
Passenger Car	31	13.0	202	84.9	5	2.1	238	100.0
Light Truck	37	28.9	86	67.2	5	3.9	128	100.0
Large Truck	1	16.7	5	83.3	0	0.0	6	100.0
Other/Unknown	7	63.6	4	36.4	0	0.0	11	100.0
Motorcycle	78	90.7	8	9.3	0	0.0	86	100.0
Total	154	32.8	305	65.0	10	2.1	469	100.0
Occupants Injured								
Passenger Car	146	0.5	26,717	97.8	464	1.7	27,327	100.0
Light Truck	132	1.0	13,437	97.6	196	1.4	13,765	100.0
Large Truck	4	0.8	504	97.7	8	1.6	516	100.0
Bus	0	0.0	824	98.8	10	1.2	834	100.0
Other/Unknown	76	9.8	667	86.1	32	4.1	775	100.0
Motorcycle	993	60.0	620	37.5	41	2.5	1,654	100.0
Total	1,351	3.0	42,769	95.3	751	1.7	44,871	100.0

Table 60 - Occupants Killed or Injured in Two-Vehicle Crashes, by Vehicle Types Involved

Vehicle Type	Occupants Killed	Vehicle Type	Occupants Killed	Total Occupants Killed
Passenger Car	-	Passenger Car	-	40
Passenger Car	28	Light Truck	15	43
Passenger Car	19	Large Truck	0	19
Passenger Car	1	Bus	0	1
Passenger Car	0	Motorcycle	29	29
Passenger Car	4	Other/Unknown	4	8
Light Truck	-	Light Truck	-	5
Light Truck	11	Large Truck	0	11
Light Truck	0	Bus	0	0
Light Truck	0	Motorcycle	8	8
Light Truck	2	Other/Unknown	0	2
Large Truck	-	Large Truck	-	1
Large Truck	0	Bus	0	0
Large Truck	0	Motorcycle	1	1
Large Truck	0	Other/Unknown	2	2
Motorcycle	-	Motorcycle	-	1
Motorcycle	1	Bus	0	1
Motorcycle	0	Other/Unknown	0	0
Other/Unknown	-	Other/Unknown	0	0
Total Occupants Killed				172
Vehicle Type	Occupants Injured	Vehicle Type	Occupants Injured	Total Occupants Injured
Passenger Car	-	Passenger Car	-	9,667
Passenger Car	3,370	Light Truck	4,457	7,827
Passenger Car	767	Large Truck	132	899
Passenger Car	206	Bus	339	545
Passenger Car	63	Motorcycle	458	521
Passenger Car	364	Other Unknown	273	637
Light Truck	-	Light Truck	-	1,826
Light Truck	407	Large Truck	68	475
Light Truck	81	Bus	110	191
Light Truck	16	Motorcycle	133	149
Light Truck	173	Other Unknown	78	251
Large Truck	-	Large Truck	-	46
Large Truck	4	Bus	49	53
Large Truck	0	Motorcycle	15	15
Large Truck	11	Other/Unknown	19	30

Table 60 - Occupants Killed or Injured in Two-Vehicle Crashes, by Vehicle Types Involved (continued)

Vehicle Type	Occupants Injured	Vehicle Type	Occupants Injured	Total Occupants Injured
Motorcycle	12	Bus	1	13
Motorcycle	-	Motorcycle	-	29
Motorcycle	19	Other Unknown	0	19
Bus	-	Motorcycle	-	18
Bus	7	Other Unknown	8	15
Other/Unknown	-	Other Unknown	-	62
Total Occupants Injured				23,288

Table 61 - Occupants Involved in Fatal Crashes and Occupant Fatalities by Vehicle Body Types

Body Type		Occupants Involved		Occupants Killed	
		No.	%	No.	%
Passenger Cars	Automobile	587	44.6	232	49.5
	Station Wagon	14	1.1	6	1.3
	Subtotal	<i>601</i>	<i>45.7</i>	<i>238</i>	<i>50.7</i>
Light Trucks	Pickup Truck	130	9.9	40	8.5
	Recreational Vehicle	247	18.8	54	11.5
	Van	132	10	34	7.2
	Subtotal	<i>509</i>	<i>38.7</i>	<i>128</i>	<i>27.3</i>
Large Trucks	Single Truck 2 Axles	21	1.6	0	0.0
	Single Truck 3 Axles	8	0.6	1	0.2
	Truck Tractor	31	2.4	5	1.1
	Subtotal	<i>60</i>	<i>4.6</i>	<i>6</i>	<i>1.3</i>
Motorcycles		96	7.3	86	18.3
Buses	School Bus	2	0.2	0	0.0
	Transit Bus	12	0.9	0	0.0
	Subtotal	<i>14</i>	<i>1.1</i>	<i>0</i>	<i>0.0</i>
Other Vehicles	Other	24	1.8	10	2.1
	Police Vehicle / Emergency	3	0.2	1	0.2
	Police Vehicle/Non-Emergency	2	0.2	0	0.0
	Subtotal	<i>29</i>	<i>2.2</i>	<i>11</i>	<i>2.3</i>
Unknown Body Type		6	0.5	0	0.0
Total		1,315	100.0	469	100.0

Table 62 - Persons Injured in Alcohol Crashes, by Person Type and Injury Severity

Person Type		Person Injured by Injury Severity			Total Injured
		Incapacitating	Nonincapacitating	Possible	
Vehicle Occupants	Driver	371	1,058	1,049	2,478
	Passenger	144	362	499	1,005
	Unknown Occupant	0	1	1	2
	Subtotal	<i>515</i>	<i>1,421</i>	<i>1,549</i>	3,485
Motorcycle Rider		39	78	23	140
Nonmotorists	Pedestrian	84	99	60	243
	Pedalcyclist	6	17	7	30
	Other/Unknown	1	8	8	17
	Subtotal	<i>91</i>	<i>124</i>	<i>75</i>	290
Total		645	1,623	1,647	3,915

Table 63 - Drivers and Motorcycle Operators Involved in Crashes, by Age, Alcohol Involvement, and Crash Severity

Age (Year)	Alcohol Involvement				Total	
	Yes		No			
	Number	Percent	Number	Percent	Number	Percent
Drivers in Fatal Crashes						
<16	1	25.0	75.0	66.7	4	100.0
16-20	14	14.9	80	85.1	94	100.0
21-24	28	35.0	52	65.0	80	100.0
25-34	34	21.3	126	78.8	160	100.0
35-44	38	25.5	111	74.5	149	100.0
45-54	24	16.7	120	83.3	144	100.0
55-64	3	3.0	96	97.0	99	100.0
65-74	3	7.3	38	92.7	41	100.0
75+	1	2.2	44	97.8	45	100.0
Unknown	1	2.2	45	97.8	46	100.0
Total	147	17.1	715	82.9	862	100.0
Drivers in Injury Crashes						
<16	2	0.1	96	99.9	98	100.0
16-20	263	3.7	6,782	96.3	7,045	100.0
21-24	484	7.5	5,998	92.5	6,482	100.0
25-34	624	5.0	11,741	95.0	12,365	100.0
35-44	427	3.8	10,702	96.2	11,129	100.0
45-54	389	4.0	9,349	96.0	9,738	100.0
55-64	126	2.2	5,621	97.8	5,747	100.0
65-74	56	2.1	2,657	97.9	2,713	100.0
75+	16	0.9	1,790	99.1	1,806	100.0
Unknown	42	1.1	3,657	98.9	3,699	100.0
Total	2,429	4.0	58,393	96.0	60,822	100.0

Table 63 - Drivers and Motorcycle Operators Involved in Crashes, by Age, Alcohol Involvement, and Crash Severity (continued)

Age (Year)	Alcohol Involvement				Total	
	Yes		No			
	Number	Percent	Number	Percent	Number	Percent
Drivers in Property-Damage-Only Crashes						
<16	1	0.1	10	99.9	11	100.0
16-20	3	2.0	146	98.0	149	100.0
21-24	400	3.5	11,026	96.5	11,426	100.0
25-34	755	7.3	9,550	92.7	10,305	100.0
35-44	1,210	6.1	18,476	93.9	19,686	100.0
45-54	800	4.8	15,955	95.2	16,755	100.0
55-64	595	4.2	13,637	95.8	14,232	100.0
65-74	220	2.6	8,257	97.4	8,477	100.0
75+	52	1.5	3,490	98.5	3,542	100.0
Unknown	23	1.0	2,189	99.0	2,212	100.0
Total	211	0.8	26,514	99.2	26,725	100.0

**Not all drivers in injury or PDO crashes are tested for alcohol*

Table 64 - Drivers and Motorcycle Operators Injured, by Time of Day, Day of Week, Age, Alcohol Involvement, and Crash Type

Time of Day and Day of Week		Under 21			21 and Older		
		Number Injured	With Alcohol Involvement		Number Injured	With Alcohol Involvement	
			No	%		No	%
Single-Vehicle Crashes							
Daytime	Weekday	553	16	2.9	1,877	82	4.4
	Weekend	222	16	7.2	782	46	5.9
Nighttime	Weekday	425	70	16.5	1,136	284	25.0
	Weekend	458	108	23.6	1,124	359	31.9
Total		1,658	210	12.7	4,919	771	15.7
Multiple-Vehicle Crashes							
Daytime	Weekday	1740	17	1.0	11,877	90	0.8
	Weekend	478	8	1.7	2,940	45	1.5
Nighttime	Weekday	627	28	4.5	3,215	169	5.3
	Weekend	687	57	8.3	2,802	280	10.0
Total		3,532	110	3.1	20,834	584	2.8

**Not all drivers in injury or PDO crashes are tested for alcohol*

Table 65 - Drivers and Motorcycle Operators Involved in Crashes, by Vehicle Type, Alcohol Involvement, and Crash Severity

Vehicle Type	Alcohol Involvement				Total	
	Yes		No		Number	Percent
	Number	Percent	Number	Percent		
Drivers in Fatal Crashes						
Passenger Car	77	19.3	323	80.8	400	100.0
Light Truck	47	15.7	252	84.3	299	100.0
Large Truck	0	0.0	53	100.0	53	100.0
Bus	0	0.0	5	100.0	5	100.0
Other/Unknown	1	4.3	22	95.7	23	100.0
Motorcycle	22	26.8	60	73.2	82	100.0
Total	147	17.1	715	82.9	862	100.0
Drivers in Injury Crashes						
Passenger Car	1,354	3.9	33,688	96.1	35,042	100.0
Light Truck	932	4.5	19,684	95.5	20,616	100.0
Large Truck	16	0.9	1,721	99.1	1,737	100.0
Bus	1	0.2	604	99.8	605	100.0
Other/Unknown	21	1.7	1,206	98.3	1,227	100.0
Motorcycle	105	6.6	1,490	93.4	1,595	100.0
Total	2,429	4.0	58,393	96.0	60,822	100.0

**Not all drivers in injury or PDO crashes are tested for alcohol*

**Table 65 - Drivers and Motorcycle Operators Involved in Crashes, by Vehicle Type, Alcohol Involvement, and Crash Severity
(continued)**

Vehicle Type	Alcohol Involvement				Total	
	Yes		No		Number	Percent
	Number	Percent	Number	Percent		
Drivers in Property-Damage-Only Crashes						
Passenger Car	2,571	4.1	59,757	95.9	62,328	100.0
Light Truck	1,598	4.5	34,301	95.5	35,899	100.0
Large Truck	29	0.7	4,220	99.3	4,249	100.0
Bus	6	0.2	2,579	99.8	2,585	100.0
Other/Unknown	44	0.5	7,992	99.5	8,036	100.0
Motorcycle	22	5.2	401	94.8	423	100.0
Total	4,270	3.8	109,250	96.2	113,520	100.0

**Not all drivers in injury or PDO crashes are tested for alcohol*

Table 66 - Drivers Involved in Crashes, by Vehicle Type, Restraint Use, and Crash Severity

Vehicle Type	Restraint Use						Total	
	Used		Not Used		Other/Unknown			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Drivers in Fatal Crashes								
Passenger Car	293	73.3	72	18.0	35	8.8	400	100.0
Light Truck	185	61.9	69	23.1	45	15.1	299	100.0
Large Truck	44	83.0	3	5.7	6	11.3	53	100.0
Bus	5	100.0	0	0.0	0	0.0	5	100.0
Other/Unknown	7	30.4	7	30.4	9	39.1	23	100.0
Total	534	68.5	151	19.4	95	12.2	780	100.0
Drivers in Injury Crashes								
Passenger Car	29,799	85.0	915	2.6	4,328	12.4	35,042	100.0
Light Truck	17,482	84.8	592	2.9	2,542	12.3	20,616	100.0
Large Truck	1,468	84.5	42	2.4	227	13.1	1,737	100.0
Bus	546	90.2	11	1.8	48	7.9	605	100.0
Other/Unknown	602	49.1	138	11.2	487	39.7	1,227	100.0
Total	49,897	84.2	1,698	2.9	7,632	12.9	59,227	100.0
Drivers in Property-Damage-Only Crashes								
Passenger Car	43,618	70.0	1,040	1.7	17,670	28.4	62,328	100.0
Light Truck	25,548	71.2	571	1.6	9,780	27.2	35,899	100.0
Large Truck	3,115	73.3	78	1.8	1,056	24.9	4,249	100.0
Bus	2,199	85.1	53	2.1	333	12.9	2,585	100.0
Other/Unknown	2,614	32.5	149	1.9	5,273	65.6	8,036	100.0
Total	77,094	68.2	1,891	1.7	34,112	30.2	113,097	100.0

**Table 66 - Drivers Involved in Crashes, by Vehicle Type, Restraint Use, and Crash Severity
(continued)**

Vehicle Type	Restraint Use						Total	
	Used		Not Used		Other/Unknown		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
Drivers in All Crashes								
Passenger Car	73,710	75.4	2,027	2.1	22,033	22.5	97,770	100.0
Light Truck	43,215	76.1	1,232	2.2	12,367	21.8	56,814	100.0
Large Truck	4,627	76.6	123	2.0	1,289	21.3	6,039	100.0
Bus	2,750	86.1	64	2.0	381	11.9	3,195	100.0
Other/Unknown	3,223	34.7	294	3.2	5,769	62.1	9,286	100.0
Total	127,525	73.7	3,740	2.2	41,839	24.2	173,104	100.0

Table 67 - Passenger Car and Light Truck Occupants Killed or Injured by Age and Restraint Use

Age (Years)	Restraint Use						Total	
	Used		Not Used		Other/Unknown			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Occupants Killed								
<5	1	50.0	0	0.0	1	50.0	2	100.0
5-9	2	40.0	1	20.0	2	40.0	5	100.0
10-15	3	37.5	5	62.5	0	0.0	8	100.0
16-20	28	56.0	19	38.0	3	6.0	50	100.0
21-24	21	48.8	21	48.8	1	2.3	43	100.0
25-34	27	40.3	36	53.7	4	6.0	67	100.0
35-44	19	39.6	26	54.2	3	6.3	48	100.0
45-54	23	53.5	19	44.2	1	2.3	43	100.0
55-64	15	57.7	9	34.6	2	7.7	26	100.0
65-74	19	82.6	4	17.4	0	0.0	23	100.0
75+	30	68.2	12	27.3	2	4.5	44	100.0
Unknown	0	0.0	1	14.3	6	85.7	7	100.0
Total	188	51.4	153	41.8	25	6.8	366	100.0
Occupants Injured								
<5	176	18.7	53	5.6	711	75.6	940	100.0
5-9	616	63.1	73	7.5	287	29.4	976	100.0
10-15	1,037	84.5	120	9.8	70	5.7	1,227	100.0
16-20	5,058	86.7	446	7.6	329	5.6	5,833	100.0
21-24	3,860	84.4	356	7.8	360	7.9	4,576	100.0
25-34	6,729	85.9	415	5.3	692	8.8	7,836	100.0
35-44	5,628	87.8	290	4.5	494	7.7	6,412	100.0
45-54	5,080	89.3	186	3.3	424	7.5	5,690	100.0
55-64	3,173	90.5	121	3.5	211	6.0	3,505	100.0
65-74	1,648	92.0	54	3.0	90	5.0	1,792	100.0
75+	1,288	89.9	50	3.5	94	6.6	1,432	100.0
Unknown	463	53.0	48	5.5	362	41.5	873	100.0
Total	34,756	84.6	2,212	5.4	4,124	10.0	41,092	100.0

Table 68 - Passenger Car and Light Truck Occupants Survivors of Fatal Crashes, by Age and Restraint Use

Age (Years)	Restraint Use						Total	
	Used		Not Used		Other/Unknown		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
<5	6	15.0	3	7.5	31	77.5	40	100.0
5-9	17	58.6	2	6.9	10	34.5	29	100.0
10-15	26	65.0	12	30.0	2	5.0	40	100.0
16-20	82	70.1	23	19.7	12	10.3	117	100.0
21-24	39	66.1	15	25.4	5	8.5	59	100.0
25-34	92	78.6	16	13.7	9	7.7	117	100.0
35-44	73	76.8	14	14.7	8	8.4	95	100.0
45-54	79	94.0	1	1.2	4	4.8	84	100.0
55-64	57	86.4	4	6.1	5	7.6	66	100.0
65-74	27	93.1	1	3.4	1	3.4	29	100.0
75+	20	95.2	1	4.8	0	0.0	21	100.0
Unknown	7	14.9	2	4.3	38	80.9	47	100.0
Total	525	70.6	94	12.6	125	16.8	744	100.0

Table 69 - Passenger Car Occupants Killed or Injured, by Seating Position and Restraint Use

Seating Position		Restraint Use						Total	
		Used		Not Used		Other/Unknown			
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Passenger Car Occupants Killed									
Front Seat	Left	108	60.7	61	34.3	9	5.1	178	100.0
	Right	26	70.3	9	24.3	2	5.4	37	100.0
	<i>Subtotal</i>	<i>134</i>	<i>62.3</i>	<i>70</i>	<i>32.6</i>	<i>11</i>	<i>5.1</i>	215	100.0
Second Seat	Left	3	33.3	6	66.7	0	0.0	9	100.0
	Middle	0	0.0	1	33.3	2	66.7	3	100.0
	Right	3	33.3	6	66.7	0	0.0	9	100.0
	<i>Subtotal</i>	<i>6</i>	<i>28.6</i>	<i>13</i>	<i>61.9</i>	<i>2</i>	<i>9.5</i>	21	100.0
Unknown		0	0.0	1	50.0	1	50.0	2	100.0
Total		140	58.8	84	35.3	14	5.9	238	100.0
Passenger Car Occupants Injured									
Front Seat	Left	17,629	88.6	702	3.5	1,559	7.8	19,890	100.0
	Middle	47	83.9	4	7.1	5	8.9	56	100.0
	Right	3,944	88.1	282	6.3	252	5.6	4,478	100.0
	<i>Subtotal</i>	<i>21,620</i>	<i>88.5</i>	<i>988</i>	<i>4.0</i>	<i>1,816</i>	<i>7.4</i>	24,424	100.0
Second Seat	Left	586	60.3	131	13.5	255	26.2	972	100.0
	Middle	143	44.5	50	15.6	128	39.9	321	100.0
	Right	846	62.5	167	12.3	341	25.2	1,354	100.0
	<i>Subtotal</i>	<i>1,575</i>	<i>59.5</i>	<i>348</i>	<i>13.1</i>	<i>724</i>	<i>27.4</i>	2,647	100.0
Other		54	44.3	33	27.0	35	28.7	122	100.0
Unknown		66	49.3	14	10.4	54	40.3	134	100.0
Total		23,315	85.3	1,383	5.1	2,629	9.6	27,327	100.0

Table 70 - Light Truck Occupants Killed or Injured, by Seating Position and Restraint Use

Seating Position		Restraint Use						Total	
		Used		Not Used		Other/Unknown			
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Light Truck Occupants Killed									
Front Seat	Left	33	37.9	48	55.2	6	6.9	87	100.0
	Middle	1	50.0	0	0.0	1	50.0	2	100.0
	Right	9	37.5	12	50.0	3	12.5	24	100.0
	<i>Subtotal</i>	<i>43</i>	<i>38.1</i>	<i>60</i>	<i>53.1</i>	<i>10</i>	<i>8.8</i>	113	100.0
Second Seat	Left	3	50.0	3	50.0	0	0.0	6	100.0
	Middle	1	50.0	1	50.0	0	0.0	2	100.0
	Right	1	14.3	5	71.4	1	14.3	7	100.0
	<i>Subtotal</i>	<i>5</i>	<i>33.3</i>	<i>9</i>	<i>60.0</i>	<i>1</i>	<i>6.7</i>	15	100.0
Total		48	37.5	69	53.9	11	8.6	128	100.0
Light Truck Occupants Injured									
Front Seat	Left	8,407	87.8	454	4.7	710	7.4	9,571	100.0
	Middle	43	66.2	13	20.0	9	13.8	65	100.0
	Right	1,924	87.1	149	6.7	136	6.2	2,209	100.0
	<i>Subtotal</i>	<i>10,374</i>	<i>87.6</i>	<i>616</i>	<i>5.2</i>	<i>855</i>	<i>7.2</i>	11,845	100.0
Second Seat	Left	332	57.7	49	8.5	194	33.7	575	100.0
	Middle	124	51.7	30	12.5	86	35.8	240	100.0
	Right	427	60.0	65	9.1	220	30.9	712	100.0
	<i>Subtotal</i>	<i>883</i>	<i>57.8</i>	<i>144</i>	<i>9.4</i>	<i>500</i>	<i>32.7</i>	1,527	100.0
Other		139	45.4	61	19.9	106	34.6	306	100.0
Unknown		45	51.7	8	9.2	34	39.1	87	100.0
Total		11,441	83.1	829	6.0	1,495	10.9	13,765	100.0

Table 71 - Passenger Car and Light Truck Occupants Killed or Injured, by Restraint Use and Type of Restraint

Restraint Use and Type of Restraint		Vehicle Type			
		Passenger Car		Light Truck	
		Number	Percent	Number	Percent
Occupants Killed					
Restraint Used	Lap/Shoulder Belt	53	22.3	29	22.7
	Shoulder Belt Only	2	0.8	0	0.0
	Child/Youth Restraint	2	0.8	1	0.8
	Restraint Used, Airbag Deployed	82	34.5	14	10.9
	Safety Belt Used Improperly	3	1.3	5	3.9
	<i>Subtotal</i>	<i>142</i>	<i>59.7</i>	<i>49</i>	<i>38.3</i>
No Restraint Used		57	23.9	49	38.3
No Restraint Used Airbag Deployed		27	11.3	20	15.6
Other/Unknown		12	5.0	10	7.8
Total		238	100.0	128	100.0
Occupants Injured					
Restraint Used	Lap/Shoulder Belt	17,273	63.2	8,681	63.1
	Lap Belt Only	197	0.7	116	0.8
	Shoulder Belt Only	352	1.3	177	1.3
	Child/Youth Restraint	574	2.1	488	3.5
	Type Unknown	4	0.0	11	0.1
	Restraint Used, Airbag Deployed	5,417	19.8	2,421	17.6
	Safety Belt Used Improperly	76	0.3	46	0.3
	Child Safety Seat Used Improperly	7	0.0	1	0.0
	<i>Subtotal</i>	<i>23,900</i>	<i>87.5</i>	<i>11,941</i>	<i>86.7</i>
No Restraint Used		1,147	4.2	716	5.2
No Restraint Used, Airbag Deployed		236	0.9	113	0.8
Other/Unknown		2,044	7.5	995	7.2
Total		27,327	100.0	13,765	100.0

Table 72 - Motorcycle Riders Killed or Injured, by Time of Day and Day of Week

Time of Day	Day of Week				Total	
	Weekday		Weekend			
	Number	Percent	Number	Percent	Number	Percent
Motorcycle Riders Killed						
Midnight to 3 am	3	8.1	8	16.3	11	12.8
3 am to 6 am	0	0.0	0	0.0	0	0.0
6 am to 9 am	1	2.7	1	2.0	2	2.3
9 am to Noon	2	5.4	3	6.1	5	5.8
Noon to 3 pm	5	13.5	4	8.2	9	10.5
3 pm to 6 pm	11	29.7	10	20.4	21	24.4
6 pm to 9 pm	7	18.9	17	34.7	24	27.9
9 pm to Midnight	8	21.6	6	12.2	14	16.3
Total	37	100.0	49	100.0	86	100.0
Motorcycle Riders Injured						
Midnight to 3 am	33	3.5	46	6.5	79	4.8
3 am to 6 am	25	2.6	6	0.8	31	1.9
6 am to 9 am	87	9.2	10	1.4	97	5.9
9 am to Noon	83	8.8	77	10.9	160	9.7
Noon to 3 pm	183	19.3	119	16.9	302	18.3
3 pm to 6 pm	275	29.0	181	25.6	456	27.6
6 pm to 9 pm	184	19.4	164	23.2	348	21.0
9 pm to Midnight	78	8.2	103	14.6	181	10.9
Total	948	100.0	706	100.0	1,654	100.0

Table 73 - Motorcycle Riders Killed, by Person Type and Helmet Use

Person Type	Helmet Used						Total	
	Used		Not Used		Other/Unknown			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Operators	70	88.6	7	8.9	2	2.5	79	100.0
Passengers	7	100.0	0	0.0	0	0.0	7	100.0
Total	77	89.5	7	8.1	2	2.3	86	100.0

Table 74 - Persons Killed or Injured in School Bus Related Crashes, by Person Type

Person Type	Killed		Injured	
	Number	Percent	Number	Percent
School Bus Driver	0	0.0	57	16.1
School Bus Passenger	0	0.0	163	45.9
Pedestrian	1	50.0	13	3.7
Pedalcyclist	0	0.0	1	0.3
Occupant of Other Vehicle	1	50.0	120	33.8
Other Nonoccupants	0	0.0	1	0.3
Total	2	100.0	355	100.0

Table 75 - Pedestrians Killed or Injured, by Age and Location

Age (Years)	Location				Total	
	Intersection		Nonintersection			
	Number	Percent	Number	Percent	Number	Percent
Pedestrians Killed						
<5	3	50.0	3	50.0	6	100.0
5-9	0	0.0	0	0.0	0	
10-15	0	0.0	3	100.0	3	100.0
16-20	1	8.3	11	91.7	12	100.0
21-24	1	16.7	5	83.3	6	100.0
25-34	1	5.6	17	94.4	18	100.0
35-44	2	11.1	16	88.9	18	100.0
45-54	4	14.3	24	85.7	28	100.0
55-64	0	0.0	9	100.0	9	100.0
65-74	1	16.7	5	83.3	6	100.0
75+	1	14.3	6	85.7	7	100.0
Unknown	0	0.0	2	100.0	2	100.0
Total	14	12.2	101	87.8	115	100.0
Pedestrians Injured						
<5	6	10.0	54	90.0	60	100.0
5-9	20	12.6	139	87.4	159	100.0
10-15	62	21.8	222	78.2	284	100.0
16-20	62	21.7	224	78.3	286	100.0
21-24	48	23.0	161	77.0	209	100.0
25-34	68	21.7	245	78.3	313	100.0
35-44	54	18.4	239	81.6	293	100.0
45-54	83	22.0	295	78.0	378	100.0
55-64	48	21.6	174	78.4	222	100.0
65-74	24	26.1	68	73.9	92	100.0
75+	20	22.0	71	78.0	91	100.0
Unknown	20	24.4	62	75.6	82	100.0
Total	515	20.9	1,954	79.1	2,469	100.0

Table 76 - Pedestrians Killed or Injured and Fatality and Injury Rates per 100,000 Population, by Age and Sex

Age(Years)	Male			Female			Total		
	Killed	Population (Thousands)	Rate	Killed	Population (Thousands)	Rate	Killed	Population (Thousands)	Rate
<5	0	190,173	0.00	0	181,614	0.00	0	371,787	0.00
5-9	3	184,240	1.63	3	176,915	1.70	6	361,155	1.66
10-15	2	227,000	0.88	1	218,358	0.46	3	445,358	0.67
16-20	10	205,723	4.86	2	198,995	1.01	12	404,718	2.97
21-24	5	152,226	3.28	1	148,809	0.67	6	301,035	1.99
25-34	15	361,769	4.15	3	369,219	0.81	18	730,988	2.46
35-44	13	399,704	3.25	5	425,533	1.17	18	825,237	2.18
45-54	22	420,328	5.23	6	454,737	1.32	28	875,065	3.20
55-64	9	301,674	2.98	0	337,015	0.00	9	638,689	1.41
65-74	3	166,743	1.80	3	199,058	1.51	6	365,801	1.64
75+	5	117,743	4.25	2	196,021	1.02	7	313,764	2.23
Unknown	2		N/A	0		N/A	2		N/A
Total	89	2,727,323	3.26	26	2,906,274	0.89	115	5,633,597	2.04
Age(Years)	Male			Female			Total		
	Injured	Population (Thousands)	Rate	Injured	Population (Thousands)	Rate	Injured	Population (Thousands)	Rate
<5	41	190,173	21.56	19	181,614	10.46	60	371,787	16.14
5-9	110	184,240	59.70	49	176,915	27.70	159	361,155	44.03
10-15	161	227,000	70.93	123	218,358	56.33	284	445,358	63.77
16-20	152	205,723	73.89	134	198,995	67.34	286	404,718	70.67
21-24	115	152,226	75.55	94	148,809	63.17	209	301,035	69.43
25-34	168	361,769	46.44	145	369,219	39.27	313	730,988	42.82
35-44	163	399,704	40.78	129	425,533	30.31	292	825,237	35.38
45-54	198	420,328	47.11	180	454,737	39.58	378	875,065	43.20
55-64	97	301,674	32.15	125	337,015	37.09	222	638,689	34.76
65-74	48	166,743	28.79	44	199,058	22.10	92	365,801	25.15
75+	41	117,743	34.82	50	196,021	25.51	91	313,764	29.00
Unknown	55		N/A	26		N/A	81		N/A
Total	1,349	2,727,323	49.46	1,118	2,906,274	38.47	2,467	5,633,597	43.79

Table 77 - Pedestrians Killed or Injured by Time of Day and Day of Week

Time of Day	Day of Week				Total	
	Weekday		Weekend			
	Number	Percent	Number	Percent	Number	Percent
Pedestrians Killed						
Midnight to 3 am	3	4.8	17	32.7	20	17.4
3 am to 6 am	4	6.3	3	5.8	7	6.1
6 am to 9 am	11	17.5	0	0.0	11	9.6
9 am to Noon	3	4.8	3	5.8	6	5.2
Noon to 3 pm	5	7.9	1	1.9	6	5.2
3 pm to 6 pm	4	6.3	1	1.9	5	4.3
6 pm to 9 pm	18	28.6	12	23.1	30	26.1
9 pm to Midnight	15	23.8	15	28.8	30	26.1
Total	63	100.0	52	100.0	115	100.0
Pedestrians Injured						
Midnight to 3 am	34	2.0	79	10.6	113	4.6
3 am to 6 am	17	1.0	23	3.1	40	1.6
6 am to 9 am	242	14.0	15	2.0	257	10.4
9 am to Noon	228	13.2	67	9.0	295	11.9
Noon to 3 pm	270	15.6	111	15.0	381	15.4
3 pm to 6 pm	494	28.6	102	13.7	596	24.1
6 pm to 9 pm	315	18.2	213	28.7	528	21.4
9 pm to Midnight	126	7.3	132	17.8	258	10.4
Unknown	1	0.1	0	0.0	1	0.0
Total	1,727	100.0	742	100.0	2,469	100.0

Table 78 - Pedestrians Killed or Injured in Single-Vehicle Crashes, by Vehicle Type and Initial Point of Impact

Vehicle Type	Initial Point of Impact												Total	
	Front		Left		Right		Rear		Other		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Pedestrians Killed														
Passenger Car	41	85.4	1	2.1	1	2.1	0	0.0	3	6.3	2	4.2	48	100.0
Light Truck	35	89.7	0	0.0	2	5.1	0	0.0	0	0.0	2	5.1	39	100.0
Large Truck	3	75.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	4	100.0
Bus	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0
Other/Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0	3	100.0
Total	80	83.3	1	1.0	3	3.1	1	1.0	3	3.1	8	8.3	96	100.0
Pedestrians Injured														
Passenger Car	701	52.5	126	9.4	126	9.4	81	6.1	53	4.0	248	18.6	1,335	100.0
Light Truck	416	53.3	52	6.7	83	10.6	78	10.0	24	3.1	127	16.3	780	100.0
Large Truck	10	27.0	3	8.1	4	10.8	9	24.3	3	8.1	8	21.6	37	100.0
Bus	15	38.5	6	15.4	5	12.8	1	2.6	1	2.6	11	28.2	39	100.0
Other/Unknown	24	21.4	6	5.4	7	6.3	0	0.0	3	2.7	72	64.3	112	100.0
Motorcycle	7	53.8	2	15.4	1	7.7	0	0.0	0	0.0	3	23.1	13	100.0
Total	1,173	50.6	195	8.4	226	9.8	169	7.3	84	3.6	469	20.3	2,316	100.0

Table 79 - Pedestrians Killed, by Related Factors

Factors	Number	Percent
Under influence of drugs	0	0.0
Under influence of alcohol	7	4.4
Under influence of medication	0	0.0
Under combined influence	0	0.0
Physical/mental difficulty	0	0.0
Fell asleep, fainted, etc	0	0.0
Failed to give full time and attention	4	2.5
Did not comply with license restrictions	0	0.0
Failed to yield right of way	14	8.8
Failed to obey stop sign	0	0.0
Failed to obey traffic signal	1	0.6
Failed to obey other traffic control	0	0.0
Illegally in roadway	63	39.4
Bicycle violation	1	0.6
Clothing not visible	28	17.5
Other factors	0	0.0
Not applicable	42	26.3
Unknown	0	0.0
Total Pedestrians	160	100.0

** The sum of the numbers and percentages is greater than total pedestrians killed as more than one factor may be present for the same pedestrian.*

Table 80 - Pedalcyclists Killed or Injured, by Age and Location

Age (Years)	Location				Total	
	Intersection		Nonintersection			
	Number	Percent	Number	Percent	Number	Percent
Pedalcyclists Killed						
<5	0	0.0	0	0.0	0	0.0
5-9	0	0.0	1	100.0	1	100.0
10-15	0	0.0	1	100.0	1	100.0
16-20	1	100.0	0	0.0	1	100.0
21-24	0	0.0	0	0.0	0	0.0
25-34	1	100.0	0	0.0	1	100.0
35-44	0	0.0	0	0.0	0	0.0
45-54	0	0.0	1	100.0	1	100.0
55-64	0	0.0	2	100.0	2	100.0
65-74	0	0.0	0	0.0	0	0.0
75+	0	0.0	0	0.0	0	0.0
Total	2	28.6	5	71.4	7	100.0
Pedalcyclists Injured						
<5	1	50.0	1	50.0	2	100.0
5-9	17	32.7	35	67.3	52	100.0
10-15	63	47.4	70	52.6	133	100.0
16-20	38	38.4	61	61.6	99	100.0
21-24	24	54.5	20	45.5	44	100.0
25-34	42	50.0	42	50.0	84	100.0
35-44	36	48.0	39	52.0	75	100.0
45-54	38	45.8	45	54.2	83	100.0
55-64	17	50.0	17	50.0	34	100.0
65-74	2	18.2	9	81.8	11	100.0
75+	2	40.0	3	60.0	5	100.0
Unknown	6	54.5	5	45.5	11	100.0
Total	286	45.2	347	54.8	633	100.0

Table 81 - Pedalcyclists Killed or Injured and Fatality and Injury Rates per 100,000 Population, by Age and Sex

Age(Years)	Male			Female			Total		
	Killed	Population	Rate	Killed	Population	Rate	Killed	Population	Rate
<5	0	190,173	0.00	0	181,614	0.00	0	371,787	0.00
5-9	0	184,240	0.00	1	176,915	0.57	1	361,155	0.28
10-15	1	227,000	0.44	0	218,358	0.00	1	445,358	0.22
16-20	1	205,723	0.49	0	198,995	0.00	1	404,718	0.25
21-24	0	152,226	0.00	0	148,809	0.00	0	301,035	0.00
25-34	0	361,769	0.00	1	369,219	0.27	1	730,988	0.14
35-44	0	399,704	0.00	0	425,533	0.00	0	825,237	0.00
45-54	1	420,328	0.24	0	454,737	0.00	1	875,065	0.11
55-64	1	301,674	0.33	1	337,015	0.30	2	638,689	0.31
65-74	0	166,743	0.00	0	199,058	0.00	0	365,801	0.00
75+	0	117,743	0.00	0	196,021	0.00	0	313,764	0.00
Total	4	2,727,323	0.15	3	2,906,274	0.10	7	5,633,597	0.12
Age(Years)	Male			Female			Total		
	Injured	Population	Rate	Injured	Population	Rate	Injured	Population	Rate
<5	1	190,173	0.53	1	181,614	0.55	2	371,787	0.54
5-9	40	184,240	21.71	12	176,915	6.78	52	361,155	14.40
10-15	114	227,000	50.22	19	218,358	8.70	133	445,358	29.86
16-20	85	205,723	41.32	14	198,995	7.04	99	404,718	24.46
21-24	33	152,226	21.68	11	148,809	7.39	44	301,035	14.62
25-34	74	361,769	20.46	10	369,219	2.71	84	730,988	11.49
35-44	65	399,704	16.26	10	425,533	2.35	75	825,237	9.09
45-54	71	420,328	16.89	12	454,737	2.64	83	875,065	9.49
55-64	30	301,674	9.94	4	337,015	1.19	34	638,689	5.32
65-74	9	166,743	5.40	2	199,058	1.00	11	365,801	3.01
75+	5	117,743	4.25	0	196,021	0.00	5	313,764	1.59
Unknown	11			0			11		
Total	538	2,727,323	19.73	95	2,906,274	3.27	633	5,633,597	11.24

Table 82 - Pedalcyclists Killed or Injured by Time of Day and Day of Week

Time of Day	Day of Week				Total	
	Weekday		Weekend			
	Number	Percent	Number	Percent	Number	Percent
Pedalcyclists Killed						
Midnight to 3 am	0	0.0	0	0.0	0	0.0
3 am to 6 am	0	0.0	0	0.0	0	0.0
6 am to 9 am	0	0.0	0	0.0	0	0.0
9 am to Noon	0	0.0	0	0.0	0	0.0
Noon to 3 pm	1	16.7	0	0.0	1	14.3
3 pm to 6 pm	3	50.0	1	100.0	4	57.1
6 pm to 9 pm	1	16.7	0	0.0	1	14.3
9 pm to Midnight	1	16.7	0	0.0	1	14.3
Total	6	100.0	1	100.0	7	100.0
Pedalcyclists Injured						
Midnight to 3 am	4	0.9	7	3.4	11	1.7
3 am to 6 am	4	0.9	4	2.0	8	1.3
6 am to 9 am	53	12.4	9	4.4	62	9.8
9 am to Noon	42	9.8	29	14.1	71	11.2
Noon to 3 pm	70	16.4	37	18.0	107	16.9
3 pm to 6 pm	151	35.3	50	24.4	201	31.8
6 pm to 9 pm	80	18.7	47	22.9	127	20.1
9 pm to Midnight	24	5.6	22	10.7	46	7.3
Total	428	100.0	205	100.0	633	100.0

Table 83 - Pedalcyclists Killed or Injured in Single-Vehicle Crashes, by Vehicle Type and Initial Point of Impact

Vehicle Type	Initial Point of Impact												Total	
	Front		Left		Right		Rear		Other		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Pedalcyclists Killed														
Passenger Car	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
Light Truck	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
Large Truck	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Bus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other/Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Motorcycle	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
Pedalcyclists Injured														
Passenger Car	188	52.5	37	10.3	70	19.6	10	2.8	4	1.1	49	13.7	358	100.0
Light Truck	123	54.7	21	9.3	46	20.4	10	4.4	4	1.8	21	9.3	225	100.0
Large Truck	3	33.3	1	11.1	1	11.1	0	0	0	0	4	44.4	9	100.0
Bus	2	18.2	1	9.1	7	63.6	1	9.1	0	0	0	0	11	100.0
Other/Unknown	10	45.5	0	0.0	1	4.5	0	0	2	9.1	9	40.9	22	100.0
Motorcycle	1	33.3	0	0.0	0	0.0	0	0	2	66.7	0	0	3	100.0
Total	327	52.1	60	9.6	125	19.9	21	3.3	12	1.9	83	13.2	628	100.0

Table 84 - Pedalcyclists Killed, by Related Factors

Factors	Number	Percent
Under influence of drugs	0	0.0
Under influence of alcohol	1	8.3
Under influence of medication	0	0.0
Under combined influence	0	0.0
Physical/mental difficulty	0	0.0
Fell asleep, fainted, etc	0	0.0
Failed to give full time and attention	2	16.7
Did not comply with license restrictions	0	0.0
Failed to yield right of way	4	33.3
Failed to obey stop sign	0	0.0
Failed to obey traffic signal	1	8.3
Failed to obey other traffic control	0	0.0
Failed to keep right of center	0	0.0
Too fast for condition	0	0.0
Illegally in roadway	2	16.7
Bicycle violation	1	8.3
Clothing not visible	0	0.0
Other factors	0	0.0
Not applicable	1	8.3
Unknown	0	0.0
Total Pedestrians	12	100.0

*** Since there are only seven pedalcyclists killed, all four contributing circumstances are included. The sum of the numbers and percentages is greater than total pedestrians killed as more than one factor may be present for the same pedestrian.*

Chapter 5: 2008 Counties

Table 85 - Fatality and Total Crash Rates per VMT, Population, Licensed Driver, and Registered Vehicle by County, 2008

County	Fatalities	Total Crashes	VMT (mill.)	Pop.*	Licen. Dr. †	Regist. Veh †	Fatality Rates per**				Total Crash Rates per**			
							VMT	Pop.	Lic. Dr.	Reg. Veh.	VMT	Pop.	Lic. Dr.	Reg. Veh.
Allegany	8	706	813	72,238	50,236	63,570	0.98	11.07	15.92	12.58	1.41	977.32	1,405.37	1,110.59
Anne Arundel	48	8,427	5,759	512,790	387,583	526,358	0.83	9.36	12.38	9.12	2.17	1,643.36	2,174.24	1,601.00
Baltimore	70	14,259	8,227	785,618	581,689	674,895	0.85	8.91	12.03	10.37	2.45	1,815.00	2,451.31	2,112.77
Calvert	9	1,167	765	88,698	65,842	91,539	1.18	10.15	13.67	9.83	1.77	1,315.70	1,772.42	1,274.87
Caroline	11	409	371	33,138	25,110	37,567	2.96	33.19	43.81	29.28	1.63	1,234.23	1,628.83	1,088.72
Carroll	21	1,839	1,273	169,353	128,850	177,486	1.65	12.40	16.30	11.83	1.43	1,085.90	1,427.24	1,036.14
Cecil	17	1,624	1,351	99,926	72,759	94,088	1.26	17.01	23.36	18.07	2.23	1,625.20	2,232.03	1,726.04
Charles	14	2,524	1,260	140,764	102,966	137,868	1.11	9.95	13.60	10.15	2.45	1,793.07	2,451.29	1,830.74
Dorchester	6	450	396	31,998	23,376	32,457	1.52	18.75	25.67	18.49	1.93	1,406.34	1,925.05	1,386.45
Frederick	21	2,894	2,930	225,721	173,446	226,413	0.72	9.30	12.11	9.28	1.67	1,282.11	1,668.53	1,278.20
Garrett	5	602	528	29,698	22,204	33,800	0.95	16.84	22.52	14.79	2.71	2,027.07	2,711.22	1,781.07
Harford	21	3,253	2,324	240,351	184,206	236,544	0.90	8.74	11.40	8.88	1.77	1,353.44	1,765.96	1,375.22
Howard	22	3,258	3,793	274,995	215,023	247,584	0.58	8.00	10.23	8.89	1.52	1,184.75	1,515.19	1,315.92
Kent	6	208	220	20,151	15,426	21,484	2.73	29.78	38.90	27.93	1.35	1,032.21	1,348.37	968.16
Montgomery	52	11,925	7,443	950,680	726,454	737,573	0.70	5.47	7.16	7.05	1.64	1,254.37	1,641.54	1,616.79
Prince George's	129	14,289	8,719	820,852	561,037	627,715	1.48	15.72	22.99	20.55	2.55	1,740.75	2,546.89	2,276.35
Queen Anne's	11	640	924	47,091	35,269	54,568	1.19	23.36	31.19	20.16	1.81	1,359.07	1,814.62	1,172.85
St. Mary's	16	1,402	822	101,578	71,892	102,348	1.95	15.75	22.26	15.63	1.95	1,380.22	1,950.15	1,369.84
Somerset	1	274	289	26,119	14,355	21,041	0.35	3.83	6.97	4.75	1.91	1,049.04	1,908.74	1,302.22
Talbot	7	770	614	36,215	29,640	42,718	1.14	19.33	23.62	16.39	2.60	2,126.19	2,597.84	1,802.52
Washington	16	2,399	2,055	145,384	104,698	138,246	0.78	11.01	15.28	11.57	2.29	1,650.11	2,291.35	1,735.31
Wicomico	14	1,836	1,008	94,046	69,063	91,623	1.39	14.89	20.27	15.28	2.66	1,952.24	2,658.44	2,003.86
Worcester	18	1,133	644	49,274	42,240	56,977	2.80	36.53	42.61	31.59	2.68	2,299.39	2,682.29	1,988.52
Baltimore City	49	19,060	3,619	636,919	318,385	279,469	1.35	7.69	15.39	17.53	5.99	2,992.53	5,986.46	6,820.08
Other						2,425								
Total	592	95,347	56,147	5,633,597	4,021,749	4,756,356	1.05	10.51	14.72	12.45	2.37	1,692.47	2,370.78	2,004.64

1. Source: *Maryland Department of Planning † Maryland Motor Vehicle Administration
2. ** Fatality and Total Crash rates per VMT are calculated per 100 Million Vehicle Miles of Travel
Fatality and Total Crash rates per Population/Licensed Drivers/Registered Vehicles are calculated per 10,000

Table 86 - 2008 Traffic Fatalities by County and Percent Change from 2007

County	Fatalities		Percent Change
	2007	2008	
Allegany	8	8	0.0
Anne Arundel	48	48	0.0
Baltimore	72	70	-2.8
Calvert	17	9	-47.1
Caroline	6	11	83.3
Carroll	21	21	0.0
Cecil	22	17	-22.7
Charles	23	14	-39.1
Dorchester	2	6	200.0
Frederick	25	21	-16.0
Garrett	8	5	-37.5
Harford	30	21	-30.0
Howard	20	22	10.0
Kent	8	6	-25.0
Montgomery	49	52	6.1
Prince Georges	126	129	2.4
Queen Anne's	12	11	-8.3
St. Mary's	10	16	60.0
Somerset	1	1	0.0
Talbot	11	7	-36.4
Washington	21	16	-23.8
Wicomico	18	14	-22.2
Worcester	11	18	63.6
Baltimore City	46	49	6.5
Maryland	615	592	-3.7

Table 87 - Fatal Crashes, by County and First Harmful Event

County	First Harmful Event										Total Fatal Crashes	
	Collision With											
	Motor Vehicle in Transport		Object Not Fixed		Fixed Object		Noncollision		Other/Unknown			
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Allegany	6	75.0	0	0.0	2	25.0	0	0.0	0	0.0	8	100.0
Anne Arundel	21	45.7	7	15.2	17	37.0	1	2.2	0	0.0	46	100.0
Baltimore	22	33.3	18	27.3	20	30.3	5	7.6	1	1.5	66	100.0
Calvert	2	25.0	2	25.0	4	50.0	0	0.0	0	0.0	8	100.0
Caroline	4	40.0	3	30.0	2	20.0	1	10.0	0	0.0	10	100.0
Carroll	10	50.0	1	5.0	7	35.0	2	10.0	0	0.0	20	100.0
Cecil	11	73.3	0	0.0	4	26.7	0	0.0	0	0.0	15	100.0
Charles	3	23.1	1	7.7	4	30.8	5	38.5	0	0.0	13	100.0
Dorchester	3	50.0	0	0.0	2	33.3	1	16.7	0	0.0	6	100.0
Frederick	6	31.6	0	0.0	10	52.6	3	15.8	0	0.0	19	100.0
Garrett	3	60.0	0	0.0	1	20.0	1	20.0	0	0.0	5	100.0
Harford	10	55.6	7	38.9	1	5.6	0	0.0	0	0.0	18	100.0
Howard	6	31.6	7	36.8	5	26.3	1	5.3	0	0.0	19	100.0
Kent	2	50.0	0	0.0	0	0.0	2	50.0	0	0.0	4	100.0
Montgomery	17	34.7	16	32.7	16	32.7	0	0.0	0	0.0	49	100.0
Prince Georges	42	36.8	32	28.1	35	30.7	4	3.5	1	0.9	114	100.0
Queen Anne's	6	54.5	1	9.1	2	18.2	2	18.2	0	0.0	11	100.0
Somerset	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
St. Mary's	6	46.2	1	7.7	4	30.8	2	15.4	0	0.0	13	100.0
Talbot	4	80.0	0	0.0	1	20.0	0	0.0	0	0.0	5	100.0
Washington	8	50.0	3	18.8	3	18.8	2	12.5	0	0.0	16	100.0
Wicomico	6	46.2	2	15.4	0	0.0	5	38.5	0	0.0	13	100.0
Worcester	3	23.1	4	30.8	6	46.2	0	0.0	0	0.0	13	100.0
Baltimore City	20	42.6	10	21.3	17	36.2	0	0.0	0	0.0	47	100.0
Maryland	221	41.0	115	21.3	163	30.2	38	7.1	2	0.4	539	100.0

Table 88 - Fatal Crashes, by County and Roadway Function Class-2008

County	Roadway Function Class									Total Fatal Crashes
	Interstate			US	Maryland	County	City	Municipal	Unknown	
	Rural	Urban	Unknown							
Allegany	0	0	0	2	4	2	0	0	0	8
Anne Arundel	1	1	0	1	27	14	0	1	1	46
Baltimore	3	6	2	6	30	19	0	0	0	66
Calvert	0	0	0	0	6	2	0	0	0	8
Caroline	0	0	0	0	7	3	0	0	0	10
Carroll	0	0	0	0	10	10	0	0	0	20
Cecil	0	0	0	4	7	4	0	0	0	15
Charles	0	0	0	2	6	5	0	0	0	13
Dorchester	0	0	0	2	4	0	0	0	0	6
Frederick	1	2	0	3	5	6	0	2	0	19
Garrett	1	0	0	1	1	2	0	0	0	5
Harford	2	0	1	4	9	2	0	0	0	18
Howard	0	3	2	4	6	4	0	0	0	19
Kent	0	0	0	1	3	0	0	0	0	4
Montgomery	0	1	1	2	28	16	0	1	0	49
Prince Georges	0	12	2	11	60	27	0	0	2	114
Queen Anne's	0	0	0	4	5	2	0	0	0	11
Somerset	0	0	0	0	1	0	0	0	0	1
St. Mary's	0	0	0	0	7	6	0	0	0	13
Talbot	0	0	0	0	4	1	0	0	0	5
Washington	3	3	0	0	10	0	0	0	0	16
Wicomico	0	0	0	5	3	5	0	0	0	13
Worcester	0	0	0	8	2	3	0	0	0	13
Baltimore City	0	1	2	0	0	0	44	0	0	47
Maryland	11	29	10	60	245	133	44	4	3	539

Table 89 - Fatalities, by County and Roadway Function Class-2008

County	Roadway Function Class									Total Fatalities
	Interstate			US	Maryland	County	City	Municipal	Unknown	
	Rural	Urban	Unknown							
Allegany	0	0	0	2	4	2	0	0	0	8
Anne Arundel	1	1	0	1	28	15	0	1	1	48
Baltimore	5	6	2	6	32	19	0	0	0	70
Calvert	0	0	0	0	7	2	0	0	0	9
Caroline	0	0	0	0	8	3	0	0	0	11
Carroll	0	0	0	0	10	11	0	0	0	21
Cecil	0	0	0	6	7	4	0	0	0	17
Charles	0	0	0	2	6	6	0	0	0	14
Dorchester	0	0	0	2	4	0	0	0	0	6
Frederick	1	3	0	3	6	6	0	2	0	21
Garrett	1	0	0	1	1	2	0	0	0	5
Harford	2	0	1	6	10	2	0	0	0	21
Howard	0	3	2	7	6	4	0	0	0	22
Kent	0	0	0	1	5	0	0	0	0	6
Montgomery	0	1	1	2	30	17	0	1	0	52
Prince Georges	0	13	2	11	73	28	0	0	2	129
Queen Anne's	0	0	0	4	5	2	0	0	0	11
Somerset	0	0	0	0	1	0	0	0	0	1
St. Mary's	0	0	0	0	8	8	0	0	0	16
Talbot	0	0	0	0	6	1	0	0	0	7
Washington	3	3	0	0	10	0	0	0	0	16
Wicomico	0	0	0	5	3	6	0	0	0	14
Worcester	0	0	0	11	4	3	0	0	0	18
Baltimore City	0	1	2	0	0	0	46	0	0	49
Maryland	13	31	10	70	274	141	46	4	3	592

Table 90 – Persons Killed, Licensed Drivers, Registered Vehicles, Population, and Fatality Rates by County

County	Licensed Drivers	Fatalities per 100,000 Licensed Drivers	Registered Vehicles	Fatalities per 100,000 Registered Vehicles	Population	Fatalities per 100,000 Population	Total Killed
Allegany	50,236	15.92	63,570	12.58	72,238	11.07	8
Anne Arundel	387,583	12.38	526,358	9.12	512,790	9.36	48
Baltimore	581,689	12.03	674,895	10.37	785,618	8.91	70
Calvert	65,842	13.67	91,539	9.83	88,698	10.15	9
Caroline	25,110	43.81	37,567	29.28	33,138	33.19	11
Carroll	128,850	16.30	177,486	11.83	169,353	12.40	21
Cecil	72,759	23.36	94,088	18.07	99,926	17.01	17
Charles	102,966	13.60	137,868	10.15	140,764	9.95	14
Dorchester	23,376	25.67	32,457	18.49	31,998	18.75	6
Frederick	173,446	12.11	226,413	9.28	225,721	9.30	21
Garrett	22,204	22.52	33,800	14.79	29,698	16.84	5
Harford	184,206	11.40	236,544	8.88	240,351	8.74	21
Howard	215,023	10.23	247,584	8.89	274,995	8.00	22
Kent	15,426	38.90	21,484	27.93	20,151	29.78	6
Montgomery	726,454	7.16	737,573	7.05	950,680	5.47	52
Prince Georges	561,037	22.99	627,715	20.55	820,852	15.72	129
Queen Annes	35,269	31.19	54,568	20.16	47,091	23.36	11
St. Marys	71,892	22.26	102,348	15.63	101,578	15.75	16
Somerset	14,355	6.97	21,041	4.75	26,119	3.83	1
Talbot	29,640	23.62	42,718	16.39	36,215	19.33	7
Washington	104,698	15.28	138,246	11.57	145,384	11.01	16
Wicomico	69,063	20.27	91,623	15.28	94,046	14.89	14
Worcester	42,240	42.61	56,977	31.59	49,274	36.53	18
Baltimore City	318,385	15.39	279,469	17.53	636,919	7.69	49
			2,425	0.00			
Maryland	4,021,749	14.72	4,756,356	12.45	5,633,597	10.51	592

Table 91 - Persons Killed, by County and Person Type

County	Person Type												Total Killed	
	Driver		Passenger		Motorcycle Riders		Pedestrian		Pedalcyclist		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Allegany	6	75.0	1	12.5	1	12.5	0	0.0	0	0.0	0	0.0	8	100.0
Anne Arundel	26	54.2	6	12.5	10	20.8	6	12.5	0	0.0	0	0.0	48	100.0
Baltimore	33	47.1	11	15.7	6	8.6	17	24.3	2	2.9	1	1.4	70	100.0
Calvert	3	33.3	0	0.0	4	44.4	1	11.1	1	11.1	0	0.0	9	100.0
Caroline	7	63.6	1	9.1	0	0.0	3	27.3	0	0.0	0	0.0	11	100.0
Carroll	12	57.1	5	23.8	3	14.3	1	4.8	0	0.0	0	0.0	21	100.0
Cecil	12	70.6	4	23.5	1	5.9	0	0.0	0	0.0	0	0.0	17	100.0
Charles	5	35.7	5	35.7	3	21.4	1	7.1	0	0.0	0	0.0	14	100.0
Dorchester	4	66.7	1	16.7	0	0.0	1	16.7	0	0.0	0	0.0	6	100.0
Frederick	15	71.4	4	19.0	2	9.5	0	0.0	0	0.0	0	0.0	21	100.0
Garrett	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
Harford	8	38.1	5	23.8	3	14.3	4	19.0	1	4.8	0	0.0	21	100.0
Howard	8	36.4	5	22.7	4	18.2	5	22.7	0	0.0	0	0.0	22	100.0
Kent	3	50.0	2	33.3	1	16.7	0	0.0	0	0.0	0	0.0	6	100.0
Montgomery	18	34.6	10	19.2	8	15.4	16	30.8	0	0.0	0	0.0	52	100.0
Prince Georges	59	45.7	19	14.7	12	9.3	38	29.5	1	0.8	0	0.0	129	100.0
Queen Anne's	7	63.6	2	18.2	1	9.1	1	9.1	0	0.0	0	0.0	11	100.0
St. Mary's	8	50.0	4	25.0	3	18.8	1	6.3	0	0.0	0	0.0	16	100.0
Somerset	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
Talbot	3	42.9	1	14.3	3	42.9	0	0.0	0	0.0	0	0.0	7	100.0
Washington	9	56.3	2	12.5	3	18.8	2	12.5	0	0.0	0	0.0	16	100.0
Wicomico	10	71.4	1	7.1	1	7.1	1	7.1	1	7.1	0	0.0	14	100.0
Worcester	7	38.9	4	22.2	1	5.6	6	33.3	0	0.0	0	0.0	18	100.0
Baltimore City	11	22.4	11	22.4	15	30.6	11	22.4	1	2.0	0	0.0	49	100.0
Maryland	279	47.1	104	17.6	86	14.5	115	19.4	7	1.2	1	0.2	592	100.0

Table 92 - Persons Killed, by County and Age Group

County	Age Group (Years)												Total Killed
	<5	5-9	10-15	16-20	21-24	25-34	35-44	45-54	55-64	65-74	75+	Unknown	
Allegany	0	1	0	1	0	2	1	2	0	1	0	0	8
Anne Arundel	1	0	0	3	5	8	10	11	6	0	4	0	48
Baltimore	0.	1	3	9	7	12	9	14	7	4	3	1	70
Calvert	0	0	0	0.	1	2	2	2	2	0	0	0	9
Caroline	0	0	2	1	2	3	2	0	0	0	1	0	11
Carroll	0	1	2	5	1	3	2	1	1	2	3	0	21
Cecil	0	0	0	4	1	1	1	4	1	0	5	0	17
Charles	0	0	0	2	2	3	0	3	0	2	1	1	14
Dorchester	0	0	1	0	0	1	0	2	0	0.	2	0	6
Frederick	0	1	1	3	3	1	7	1	1	1	2	0	21
Garrett	0	0	0	1	1	.	1	1	0	0	1	0	5
Harford	0	1	0	3	3	6	3	2	1	.0	2	0	21
Howard	1	0	0	3	3	5	4	3	1	1	1	0	22
Kent	1	0	0	0	0	3	1	0	0	0	1	0	6
Montgomery	1	0	2	9	4	10	5	5	8	3	5	0	52
Prince Georges	1	0	2	13	14	24	26	19	7	9	7	7	129
Queen Anne's	0	1	0	0	1	1	1	2	4	0	1	0	11
St. Mary's	0	0	0	2	6	3	0	2	1	1	1	0	16
Somerset	0	0	0	0	1	0	0	0	0	0	0	0	1
Talbot	0	0	0	1	0	0	0	4	0	0	2	0	7
Washington	0	0	0	0	1	4	3	1	1	3	3	0	16
Wicomico	0	0	0	3	1	1	1	3	2	1	2	0	14
Worcester	2	0	0	3	1	3	3	2	1	2	1	0	18
Baltimore City	1	0	0	4	2	15	7	12	2	1	5	0	49
Maryland	8	6	13	70	60	111	89	96	46	31	53	9	592

Table 93 - Occupants Killed, by County and Vehicle Type

County	Vehicle Type										Total Occupants Killed	
	Passenger Car		Light Truck		Large Truck		Other /Unknown		Motorcycle			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Allegany	4	50.0	2	25.0	1	12.5	0	0.0	1	12.5	8	100.0
Anne Arundel	14	33.3	15	35.7	1	2.4	2	4.8	10	23.8	42	100.0
Baltimore	32	64.0	11	22.0	0	0.0	1	2.0	6	12.0	50	100.0
Calvert	2	28.6	1	14.3	0	0.0	0	0.0	4	57.1	7	100.0
Caroline	4	50.0	4	50.0	0	0.0	0	0.0	0	0.0	8	100.0
Carroll	7	35.0	10	50.0	0	0.0	0	0.0	3	15.0	20	100.0
Cecil	11	64.7	5	29.4	0	0.0	0	0.0	1	5.9	17	100.0
Charles	7	53.8	3	23.1	0	0.0	0	0.0	3	23.1	13	100.0
Dorchester	3	60.0	2	40.0	0	0.0	0	0.0	0	0.0	5	100.0
Frederick	12	57.1	6	28.6	0	0.0	1	4.8	2	9.5	21	100.0
Garrett	3	60.0	2	40.0	0	0.0	0	0.0	0	0.0	5	100.0
Harford	7	43.8	6	37.5	0	0.0	0	0.0	3	18.8	16	100.0
Howard	8	47.1	4	23.5	1	5.9	0	0.0	4	23.5	17	100.0
Kent	3	50.0	2	33.3	0	0.0	0	0.0	1	16.7	6	100.0
Montgomery	23	63.9	5	13.9	0	0.0	0	0.0	8	22.2	36	100.0
Prince Georges	55	61.1	20	22.2	1	1.1	2	2.2	12	13.3	90	100.0
Queen Anne's	6	60.0	2	20.0	1	10.0	0	0.0	1	10.0	10	100.0
St. Mary's	7	46.7	5	33.3	0	0.0	0	0.0	3	20.0	15	100.0
Somerset	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0
Talbot	3	42.9	1	14.3	0	0.0	0	0.0	3	42.9	7	100.0
Washington	7	50.0	3	21.4	1	7.1	0	0.0	3	21.4	14	100.0
Wicomico	6	50.0	4	33.3	0	0.0	1	8.3	1	8.3	12	100.0
Worcester	6	50.0	5	41.7	0	0.0	0	0.0	1	8.3	12	100.0
Baltimore City	8	21.6	10	27.0	0	0.0	4	10.8	15	40.5	37	100.0
Maryland	238	50.7	128	27.3	6	1.3	11	2.3	86	18.3	469	100.0

Table 94 - Passenger Car and Light Truck Occupants Killed, by County and Restraint Use

County	Restraint Use						Total Occupants Killed	
	Used		Not Used		Other/Unknown		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
Allegany	4	66.7	2	33.3	0	0.0	6	100.0
Anne Arundel	16	55.2	13	44.8	0	0.0	29	100.0
Baltimore	21	48.8	19	44.2	3	7.0	43	100.0
Calvert	1	33.3	2	66.7	0	0.0	3	100.0
Caroline	3	37.5	5	62.5	0	0.0	8	100.0
Carroll	9	52.9	7	41.2	1	5.9	17	100.0
Cecil	12	75.0	2	12.5	2	12.5	16	100.0
Charles	5	50.0	3	30.0	2	20.0	10	100.0
Dorchester	3	60.0	2	40.0	0	0.0	5	100.0
Frederick	9	50.0	7	38.9	2	11.1	18	100.0
Garrett	2	40.0	3	60.0	0	0.0	5	100.0
Harford	4	30.8	7	53.8	2	15.4	13	100.0
Howard	6	50.0	5	41.7	1	8.3	12	100.0
Kent	4	80.0	1	20.0	0	0.0	5	100.0
Montgomery	16	57.1	9	32.1	3	10.7	28	100.0
Prince Georges	31	41.3	37	49.3	7	9.3	75	100.0
Queen Anne's	7	87.5	1	12.5	0	0.0	8	100.0
St. Mary's	8	66.7	4	33.3	0	0.0	12	100.0
Somerset	0	0.0	0	0.0	0	0.0	0	0.0
Talbot	3	75.0	1	25.0	0	0.0	4	100.0
Washington	7	70.0	3	30.0	0	0.0	10	100.0
Wicomico	7	70.0	3	30.0	0	0.0	10	100.0
Worcester	4	36.4	6	54.5	1	9.1	11	100.0
Baltimore City	6	33.3	11	61.1	1	5.6	18	100.0
Maryland	188	51.4	153	41.8	25	6.8	366	100.0

Table 95 - 2008 Ranking of County Pedestrian Fatality Rates

Rank	County	Pedestrians Killed	Population	Pedestrian Fatality Rate per 100,000 Population
1	Prince Georges	39	820,852	4.75
2	Baltimore	20	785,618	2.55
3	Montgomery	16	950,680	1.68
4	Baltimore City	12	636,919	1.88
5	Anne Arundel	6	512,790	1.17
6	Worcester	6	49,274	12.18
7	Harford	5	240,351	2.08
8	Howard	5	274,995	1.82
9	Caroline	3	33,138	9.05
10	Calvert	2	88,698	2.25
11	Washington	2	145,384	1.38
12	Wicomico	2	94,046	2.13
13	Carroll	1	169,353	0.59
14	Charles	1	140,764	0.71
15	Dorchester	1	31,998	3.13
16	Queen Annes	1	47,091	2.12
17	St. Marys	1	101,578	0.98
18	Allegany	0	72,238	0.00
19	Cecil	0	99,926	0.00
20	Frederick	0	225,721	0.00
21	Garrett	0	29,698	0.00
22	Somerset	0	26,119	0.00
23	Talbot	0	36,215	0.00
24	Kent	0	20,151	0.00
	Maryland	123	5,633,597	2.18

Table 96 – Persons Killed, by County and Highest Driver Blood Alcohol Concentration (BAC) in the Crash - 2008

County	Highest Blood Alcohol Concentration in Crash						Total Killed in Alcohol--Related Crashes		Total Killed	
	BAC=0.00		BAC=0.01--0.07		BAC=0.08+		Number	Percent	Number	Percent
	Number	Percent	Number	Percent	Number	Percent				
Allegany	7	85	1	13	0	3	1	15	8	100
Anne Arundel	25	51	5	11	18	38	24	49	49	100
Baltimore	46	65	5	8	19	27	24	35	70	100
Calvert	5	50	0	0	5	50	5	50	9	100
Caroline	7	62	1	9	3	29	4	38	11	100
Carroll	15	71	2	10	4	19	6	29	21	100
Cecil	15	87	0	1	2	12	2	13	17	100
Charles	10	73	0	2	3	25	4	27	13	100
Dorchester	4	67	0	0	2	33	2	33	6	100
Frederick	14	64	0	0	7	35	8	36	21	100
Garrett	4	70	0	0	2	30	2	30	5	100
Harford	16	74	0	1	5	25	6	26	21	100
Howard	15	69	1	2	6	29	7	31	22	100
Kent	1	20	1	18	3	62	4	80	5	100
Montgomery	37	73	1	1	13	26	14	27	51	100
Prince George's	92	71	10	7	28	22	38	29	130	100
Queen Anne's	9	73	1	12	2	15	3	27	12	100
St. Mary's	10	62	0	3	6	36	6	38	16	100
Somerset	1	100	0	0	0	0	0	0	1	100
Talbot	5	71	0	0	2	29	2	29	7	100
Washington	14	86	0	1	2	13	2	14	16	100
Wicomico	9	66	1	4	4	30	5	34	14	100
Worcester	13	69	2	12	3	19	6	31	18	100
Baltimore City	34	71	2	4	12	24	14	29	48	100
Maryland	405	69	34	6	152	26	186	31	591	100

Table 97 – Drivers Involved in Fatal Crashes, by County and Blood Alcohol Concentration (BAC) of the Driver - 2008

County	Blood Alcohol Concentration of the Driver								Total Drivers Involved in Fatal Crashes	
	BAC=0.00		BAC=0.01--0.07		BAC=0.08+		Any Alcohol (BAC = 0.01+)		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Allegany	14	92	1	7	0	1	1	8	15	100
Anne Arundel	59	73	5	7	16	20	22	27	81	100
Baltimore	72	74	7	7	18	19	25	26	97	100
Calvert	6	61	0	0	4	39	4	39	9	100
Caroline	11	72	1	7	3	21	4	28	15	100
Carroll	25	80	2	7	4	13	6	20	31	100
Cecil	26	92	0	0	2	8	2	8	28	100
Charles	13	78	0	2	3	20	4	22	16	100
Dorchester	8	80	0	0	2	20	2	20	10	100
Frederick	22	74	0	0	7	26	8	26	29	100
Garrett	7	81	0	0	2	19	2	19	8	100
Harford	26	83	0	1	5	16	5	17	31	100
Howard	19	74	1	2	6	24	7	26	26	100
Kent	3	58	1	20	1	22	2	42	5	100
Montgomery	56	80	1	1	13	19	14	20	70	100
Prince George's	138	80	9	5	26	15	35	20	173	100
Queen Anne's	17	84	1	7	2	9	3	16	20	100
St. Mary's	15	78	0	1	4	21	4	22	19	100
Somerset	1	100	0	0	0	0	0	0	1	100
Talbot	7	77	0	0	2	23	2	23	9	100
Washington	21	87	1	5	2	9	3	13	24	100
Wicomico	14	76	0	2	4	22	5	24	19	100
Worcester	12	76	1	7	3	17	4	24	16	100
Baltimore City	51	79	3	4	11	17	14	21	65	100
Maryland	641	78	36	4	141	17	177	22	817	100

Table 98 – Drivers Killed in Fatal Crashes, by County and Blood Alcohol Concentration (BAC) of the Driver - 2008

County	Blood Alcohol Concentration of the Driver								Total Drivers Killed in Fatal Crashes	
	BAC=0.00		BAC=0.01--0.07		BAC=0.08+		Any Alcohol (BAC = 0.01+)			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Allegany	6	86	1	14	0	0	1	14	7	100
Anne Arundel	20	57	3	9	12	34	15	43	35	100
Baltimore	23	60	5	13	10	27	15	40	38	100
Calvert	2	30	0	0	4	70	4	70	5	100
Caroline	4	57	1	14	2	29	3	43	7	100
Carroll	11	79	1	7	2	14	3	21	14	100
Cecil	12	85	0	1	2	14	2	15	14	100
Charles	7	88	0	0	1	13	1	13	8	100
Dorchester	2	50	0	0	2	50	2	50	4	100
Frederick	10	57	0	1	7	42	7	43	17	100
Garrett	4	70	0	0	2	30	2	30	5	100
Harford	8	79	0	0	2	21	2	21	10	100
Howard	9	75	0	0	3	25	3	25	12	100
Kent	1	33	1	33	1	33	2	67	3	100
Montgomery	16	60	0	0	10	40	11	40	26	100
Prince George's	47	66	6	9	18	25	24	34	71	100
Queen Anne's	7	88	0	0	1	13	1	13	8	100
St. Mary's	7	70	0	0	3	30	3	30	10	100
Somerset	1	100	0	0	0	0	0	0	1	100
Talbot	3	60	0	0	2	40	2	40	5	100
Washington	11	92	1	8	0	0	1	8	12	100
Wicomico	7	64	0	2	4	35	4	36	11	100
Worcester	4	54	1	13	3	34	4	46	8	100
Baltimore City	17	63	2	9	7	28	10	37	26	100
Maryland	237	66	23	6	97	27	120	34	357	100

Table 99 – Surviving Drivers Involved in Fatal Crashes, by County and Blood Alcohol Concentration (BAC) of the Driver - 2008

County	Blood Alcohol Concentration of the Driver								Total Surviving Drivers in Fatal Crashes	
	BAC=0.00		BAC=0.01--0.07		BAC=0.08+		Any Alcohol (BAC = 0.01+)			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Allegany	8	98	0	0	0	3	0	3	8	100
Anne Arundel	39	85	2	5	4	10	7	15	46	100
Baltimore	49	84	2	3	8	13	10	16	59	100
Calvert	4	100	0	0	0	0	0	0	4	100
Caroline	7	85	0	0	1	15	1	15	8	100
Carroll	14	82	1	6	2	12	3	18	17	100
Cecil	14	99	0	0	0	1	0	1	14	100
Charles	6	69	0	4	2	28	3	31	8	100
Dorchester	6	100	0	0	0	0	0	0	6	100
Frederick	12	98	0	0	0	2	0	2	12	100
Garrett	3	100	0	0	0	0	0	0	3	100
Harford	18	85	0	1	3	13	3	15	21	100
Howard	10	73	1	4	3	24	4	27	14	100
Kent	2	95	0	0	0	5	0	5	2	100
Montgomery	41	93	1	1	3	6	3	7	44	100
Prince George's	91	89	3	3	9	8	12	11	102	100
Queen Anne's	10	82	1	12	1	7	2	18	12	100
St. Mary's	8	88	0	2	1	10	1	12	9	100
Somerset	0	0	0	0	0	0	0	0	0	
Talbot	4	98	0	0	0	3	0	3	4	100
Washington	10	82	0	1	2	18	2	18	12	100
Wicomico	7	93	0	3	0	5	1	8	8	100
Worcester	8	99	0	1	0	0	0	1	8	100
Baltimore	35	89	1	2	4	10	4	11	39	100
Maryland	404	88	13	3	44	10	56	12	460	100

Table 100 - Fatalities and Fatality Rates by County, 2004-2008

County	Fatalities						Fatality Rate per 100 Million Vehicle Miles Traveled					
	2004	2005	2006	2007	2008	Difference, 2004-2008	2004	2005	2006	2007	2008	Difference, 2004-2008
Allegany	9	11	10	8	8	-1	1.09	1.28	1.2	0.97	0.98	-0.11
Anne Arundel	53	54	61	48	48	-5	0.94	0.94	1.06	0.83	0.83	-0.11
Baltimore	80	73	68	72	70	-10	0.99	0.88	0.82	0.87	0.85	-0.14
Calvert	16	10	21	17	9	-7	2.11	1.26	2.74	2.23	1.18	-0.93
Caroline	11	10	14	6	11	0	3.12	2.46	3.52	1.55	2.96	-0.16
Carroll	19	21	24	21	21	+2	1.49	1.58	1.85	1.62	1.65	0.16
Cecil	25	21	23	22	17	-8	2.1	1.68	1.84	1.59	1.26	-0.84
Charles	16	40	30	23	14	-2	1.28	3.01	2.34	1.79	1.11	-0.17
Dorchester	7	6	4	2	6	-1	1.89	1.42	0.95	0.48	1.52	-0.37
Frederick	28	33	33	25	21	-7	0.98	1.11	1.09	0.83	0.72	-0.26
Garrett	12	8	4	8	5	-7	2.38	1.36	0.7	1.43	0.95	-1.43
Harford	19	22	24	30	21	+2	0.84	0.95	1.05	1.27	0.9	+0.06
Howard	33	18	23	20	22	-11	0.89	0.48	0.61	0.52	0.58	-0.31
Kent	3	1	6	8	6	+3	1.29	0.41	2.5	3.4	2.73	+1.44
Montgomery	79	44	58	49	52	-27	1.07	0.58	0.77	0.66	0.7	-0.37
Prince Georges	121	134	111	126	129	+8	1.4	1.5	1.27	1.44	1.48	+0.08
Queen Annes	11	7	9	12	11	0	1.18	0.71	0.91	1.23	1.19	+0.01
St. Marys	4	14	17	10	16	+12	0.5	1.68	2.03	1.18	1.95	+1.45
Somerset	4	2	4	1	1	-3	1.38	0.65	1.28	0.33	0.35	-1.03
Talbot	6	7	6	11	7	+1	1	1.12	0.95	1.75	1.14	+0.14
Washington	17	21	31	21	16	-1	0.87	1.05	1.48	1	0.78	-0.09
Wicomico	14	13	15	18	14	0	1.58	1.4	1.47	1.77	1.39	-0.19
Worcester	12	10	11	11	18	+6	1.86	1.49	1.63	1.64	2.8	+0.94
Baltimore City	44	34	44	46	49	+5	1.22	0.94	1.21	1.27	1.35	+0.13
Maryland	643	614	651	615	592	-51	1.17	1.08	1.15	1.08	1.05	-0.12

Glossary

Alcohol-Related Crash

Any Reportable crash in which one or more of the drivers, pedestrians or pedalcyclists involved in the crash was reported to have been drinking.

Alcohol-Related Fatality

A person who died within 30 days as a result of a traffic crash involving alcohol.

Blood Alcohol Concentration (BAC)

The BAC is measured as a percentage by weight of alcohol in the blood (grams/deciliter). A positive BAC level (0.01 g/d and higher) indicates that alcohol was consumed by the person tested. A BAC level of .08 g/dl or more indicates that the person was intoxicated.

Body Type

Detailed type of motor vehicle within a vehicle type.

Bus

Large motor vehicles used to carry more than ten passengers, including school buses, inter-city buses, and transit buses.

Child Passenger Restraint System

A combination of an approved child safety seat and existing vehicle safety belt restraints.

Collision Diagram

A diagram which shows all the crashes in a intersection and the directions and types of crashes.

Construction Zone

The area between the first advance warning sign and the point beyond the work area where traffic is no longer affected.

Glossary

Crash

An occurrence that originates or terminates on a traffic way, which involves at least one motor vehicle in transport and results in injury or death to any person, or damage to any property.

Crash Rates

VMT - The number of crashes per 100 million vehicle miles traveled.

Population - The number of crashes per 100,000 population.

Licensed Drivers - The number of crashes per 100,000 licensed drivers.

Registered Vehicles - The number of crashes per 100,000 registered vehicles.

Crash Severity

1. Fatal Crash - A motor vehicle traffic crash in which one or more persons were killed.
2. Injury Crash - A motor vehicle traffic crash involving one or more persons who were physically harmed or who complained of physical harm but were not killed.
3. Property Damage Crash - A motor vehicle traffic crash involving property damage and no injury or death.

Crash Type

The category that best describes the general type of collision which was the first harmful event, that is, the first occurrence of injury or damage.

DUI

Driving Under the Influence.

DWI

Driving While Impaired

Ejection

Refers to occupants being totally or partially thrown from the vehicle as a result of an impact or rollover.

Glossary

Fatality

A person who dies as the result of a motor vehicle traffic crash. (For record keeping purposes, the death must occur within 30 days of the crash).

Fatality Rate

VMT - The number of persons killed per 100 million vehicle miles traveled.

Population - The number of persons killed per 100,000 population.

Licensed Drivers - The number of persons killed per 100,000 licensed drivers.

Registered Vehicles - The number of persons killed per 100,000 registered vehicles.

First Harmful Event

The first occurrence of injury or property damage in a motor vehicle crash.

Fixed Object

Stationary structures or substantial vegetation attached to the terrain.

Hazardous Material Spillage

A load spilled from a cargo carrying vehicle which is considered dangerous or involves risk.

Holidays

The holiday weekend begins at 6:00 PM of the last working day before the holiday and ends at midnight on the last day of the holiday. Pre-Holiday weekends and post-holiday weekends are time periods equivalent to that of the weekend before or the weekend after the holiday, respectively. The same applies to holidays during the middle of the work week where no weekend is involved.

Intersection

An area which contains a crossing or connection of two or more roadways not classified as driveway access and within the prolongation of the lateral curb lines. If no curb exists, it is the area within the extension of the lateral boundary lines of the roadway of two joined traffic ways.

Glossary

Intersection Related

A crash resulting from an activity, behavior or traffic control that affects a unit's movement in relation to an intersection, whether or not the point of origin or first harmful event occurred within the intersection.

Land Use

The crash location (urban or rural).

Most Harmful Event

The event during a crash for a particular vehicle that is judged to have produced the greatest personal injury or property damage.

Motorcycle

A two- or three-wheeled motor vehicle designed to transport one or two people, including motorscooters, minibikes, and mopeds.

Non-motorist

Any person who is not an occupant of a motor vehicle in transport and includes the following:

1. Pedestrians
2. Pedalcyclists
3. Occupants of parked motor vehicles
4. Others such as skateboard riders, people riding on animals, and persons riding in animal drawn conveyances.

Occupant

Any person who is in or upon a vehicle, including the driver, passenger, and persons riding on the outside of the vehicle.

Pedalcyclist

A person on a vehicle that is powered solely by pedals.

Glossary

Pedestrian

Any person on foot, not in or upon a motor vehicle or other vehicle.

Passenger

Any occupant of a vehicle who is not the driver.

Passenger Car

Motor vehicles used primarily for carrying passengers, including utility vehicles, sedans, convertibles and station wagons.

Reportable Crash

A crash resulting in a death within the 30 days of the crash, or injury, in any degree, to any person involved; or crashes resulting in damage to any vehicle serious enough to require towing.

Restraint Use

The occupant's use of available vehicle restraints including lap belt, shoulder belt, or automatic belt.

Roadway

That part of a traffic-way designed, improved, and ordinarily used for motor vehicle travel.

Seating Position

The location of the occupants in the vehicle. More than one can be assigned the same seat position.

Speed-Related Crash

Any reportable crash in which speed was listed as a contributing factor, whether or not the driver was noted as going over the posted speed limit.

Vehicle Miles of Travel (VMT)

Glossary

A measure which indicates the number of miles traveled by vehicles on Maryland roadways.

Work Zone

The area between the first advance warning sign and the point beyond the work area where traffic is no longer affected (same as construction zone).



Internet Websites

Maryland State Highway Administration - www.sha.state.md.us

US DOT NHTSA website - www.nhtsa.dot.gov

National Study Center for Trauma and EMS (CODES) – nsc.umaryland.edu