

ARIZONA

MOTOR VEHICLE CRASH FACTS

2005



2005 Motor Vehicle Crash Facts for the State of Arizona

*Prepared by the:
Arizona Department of Transportation
Motor Vehicle Division*



This publication is an annual statistical review of the motor vehicle crashes in the State of Arizona for calendar year 2005. The results are compiled from Arizona Traffic Accident Reports submitted to the Arizona Department of Transportation by state, county, city, tribal, and other law enforcement agencies. Specific inquiries regarding the data in this report or requests for additional copies should be directed to:

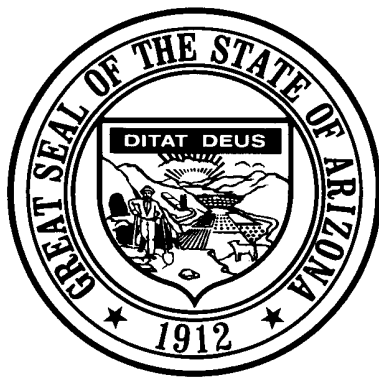
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In order to provide the most current information, preliminary data is utilized when necessary. For this reason, previous or future reports may differ slightly and we encourage you to refer to the latest issue of Motor Vehicle Crash Facts.

This issue as well as previous issues of this publication may be viewed and downloaded from ADOT's Web Site at:
<http://www.azdot.gov/mvd/Statistics/crash/index.asp>

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*Disclaimer: Please note that due to report parameters and primary criteria required, data results will vary for like categories.

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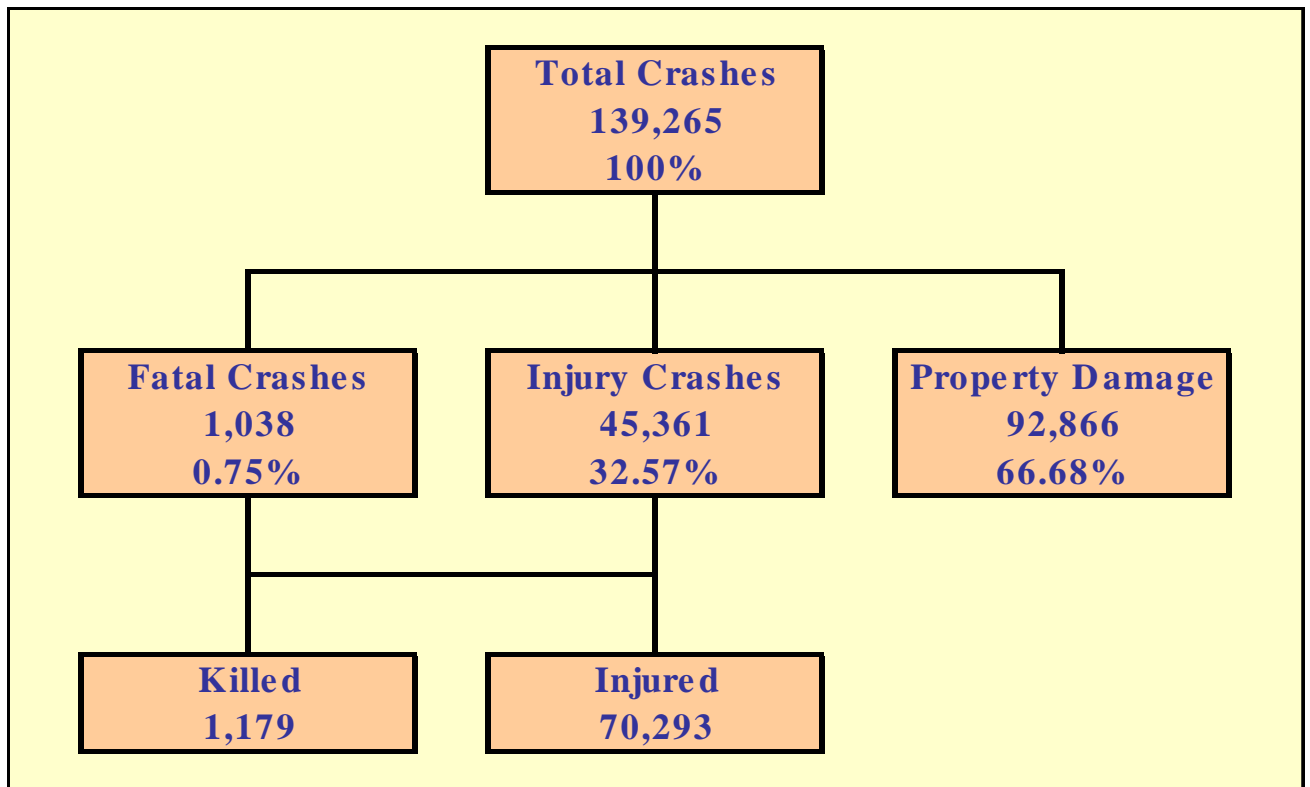
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Table 1-1

Arizona Crash Facts			
Category	2004	2005	Pct Change
Reported crashes	138,547	139,265	0.52%
Total killed	1,151	1,179	2.43%
Total injured	73,475	70,293	-4.33%
Pedestrians killed	135	164	21.48%
Pedestrians injured	1,570	1,472	-6.24%
Motorcyclists killed	119	146	22.69%
Motorcyclists injured	2,457	2,460	0.12%
Pedalcyclists killed	27	35	29.63%
Pedalcyclists injured	1,705	1,345	-21.11%
Millions of vehicle miles traveled (VMT)	57,260	58,796	2.68%
Deaths per 100 million VMT	2.01	2.01	0.00%
Injuries per 100 million VMT	128.22	119.38	-6.89%

Arizona at a Glance – 2005

- Approximately **3.23** persons were killed each day.
- One person was killed every **7.44** hours.
- There were **192.45** persons injured every day.
- One person was injured every **7.48** minutes.
- Drinking drivers were involved in **5.49%** of all crashes.
- Drinking drivers were involved in **20.42%** of all fatalities.
- Over **79.63%** of all drinking drivers involved in crashes were males.
- Rural crashes accounted for **16.78%** of all crashes, and **2.23%** of all fatal crashes.
- Urban crashes accounted for **83.22%** of all crashes and **49.81%** of all fatal crashes.
- Seventy-one and three tenths percent (**71.3%**) of all crashes occurred during daylight hours 6:00 a.m. to 6:00 p.m.
- Motor vehicle crashes resulted in **\$3.4** billion in economic losses to Arizona.
- Fifty-two (**52**) children were killed and **6,069** children age **14** and younger were injured in motor vehicle crashes.

The Nation In 2005

The population of the United States was estimated at **296,410,404**.

Estimated vehicle miles traveled totaled **2.965 billion** miles.

An estimated **43,443** persons were killed in motor vehicle crashes in the United States.

Table 1-2

Arizona Licensed Drivers, Motor Vehicle Registration and Crash History

Calendar Year	Total Crashes	Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Persons Killed	Total Persons Injured	Total Licensed Drivers	Total Registered Vehicles
2001	131,899	944	46,234	84,726	1,057	74,110	3,550,766	4,037,359
2002	134,228	984	46,209	87,045	1,132	74,230	3,668,704	4,089,662
2003	130,895	971	45,177	84,747	1,118	71,901	3,819,823	4,193,262
2004	138,547	990	46,674	90,883	1,151	73,475	3,784,365	4,364,857
2005	139,265	1,038	45,361	92,866	1,179	70,293	3,963,005	4,556,448

Table 1-3

Historical Trends – Arizona and the United States

Calendar Year	U.S. Fatality Rate*	Arizona Fatality Rate*	Arizona Traffic Deaths	Estimated Motor Vehicle Miles Traveled*	AZ Fatal Crash Rate*
2001	1.50	2.08	1,057	50,861	1.84
2002	1.51	2.17	1,132	52,014	1.89
2003	1.50	2.10	1,118	53,345	1.83
2004	1.44	2.01	1,151	57,260	1.73
2005	1.47	2.01	1,179	58,796	1.77

Vehicle miles traveled are shown in million miles and rates per 100 million miles

Due to refinements in the method used for the calculation of vehicle miles traveled and the use of preliminary data in some cases, the Arizona crash and fatality rates may differ slightly from previous reports. The most current data is always used at the time of publication, but it may change as new information is received.

Statewide Economic Loss Due to Motor Vehicle Crashes

Fatalities	\$1,358,915,400
Injuries	\$1,361,166,948
Property Damage Only	\$700,952,568
TOTAL	\$3,421,034,916

Table 1-4

County	Cost of Traffic Crashes			
	Fatalities	Injuries	PDO	Total
Apache	\$ 35,730,600	\$ 8,482,014	\$ 2,890,884	\$ 47,103,498
Cochise	\$ 54,172,200	\$ 22,596,570	\$ 10,265,280	\$ 87,034,050
Coconino	\$ 70,308,600	\$ 39,177,588	\$ 23,096,880	\$ 132,583,068
Gila	\$ 21,899,400	\$ 12,432,474	\$ 4,974,132	\$ 39,306,006
Graham	\$ 9,220,800	\$ 3,202,086	\$ 1,456,764	\$ 13,879,650
Greenlee	\$ 2,305,200	\$ 551,514	\$ 309,468	\$ 3,166,182
La Paz	\$ 40,341,000	\$ 9,131,550	\$ 2,656,896	\$ 52,129,446
Maricopa	\$ 603,962,400	\$ 855,675,960	\$ 467,598,600	\$ 1,927,236,960
Mohave	\$ 71,461,200	\$ 45,857,160	\$ 17,994,432	\$ 135,312,792
Navajo	\$ 53,019,600	\$ 17,686,290	\$ 7,019,640	\$ 77,725,530
Pima	\$ 157,906,200	\$ 226,359,420	\$ 103,785,000	\$ 488,050,620
Pinal	\$ 97,971,000	\$ 43,926,300	\$ 19,790,856	\$ 161,688,156
Santa Cruz	\$ 14,983,800	\$ 4,695,366	\$ 3,562,656	\$ 23,241,822
Yavapai	\$ 82,987,200	\$ 38,843,028	\$ 20,643,780	\$ 142,474,008
Yuma	\$ 42,646,200	\$ 32,549,628	\$ 14,907,300	\$ 90,103,128
Totals	\$ 1,358,915,400	\$ 1,361,166,948	\$ 700,952,568	\$ 3,421,034,916

NOTE: Cost estimates are based on a 2% increase of the 2004 National Safety Council estimates of the average cost of motor vehicle crashes, deaths and injuries. These costs are an estimate of wage and productivity losses, medical expenses, administrative expenses, motor vehicle damage, and employer costs. A description of the National Safety Council's current cost estimating procedures may be found in the Technical Appendix of *Injury Facts*[®]. Effective with the 1993 bulletin, the Council extensively revised its cost estimating procedures.

1.	Fatality	\$1,152,600
2.	Incapacitating Injury	\$59,670
3.	Non-incapacitating Injury	\$19,278
4.	Possible Injury	\$10,914
5.	Property Damage Only	\$7,548

Traffic Crashes in Arizona by Year

Figure 1-1 Total Crashes

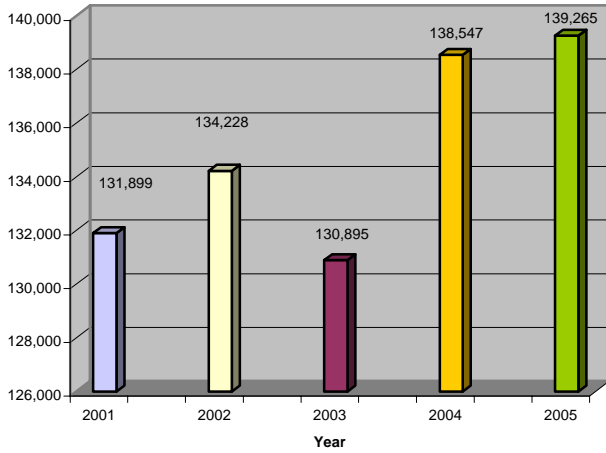


Figure 1-2 Fatal Crashes

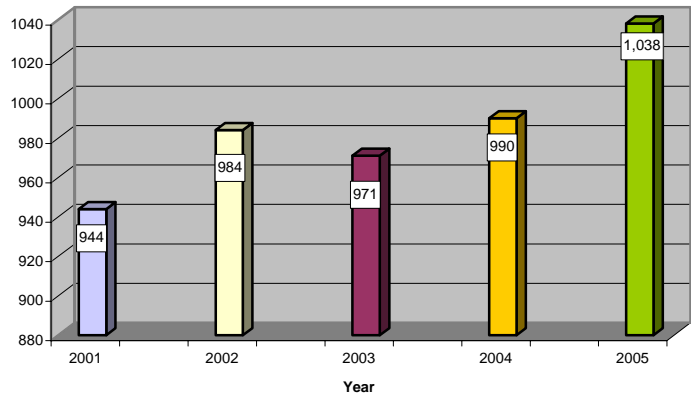


Figure 1-3 Injury Crashes

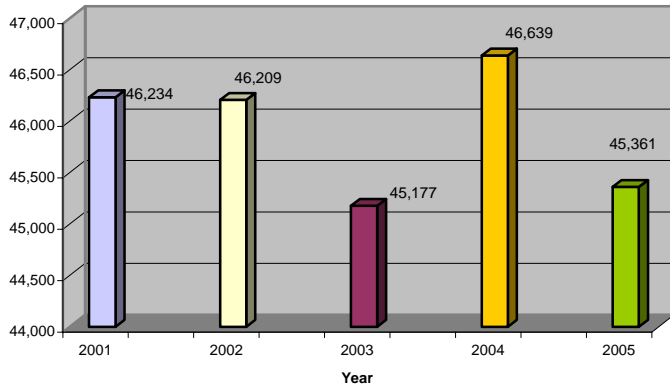


Figure 1-4 Property Damage Crashes

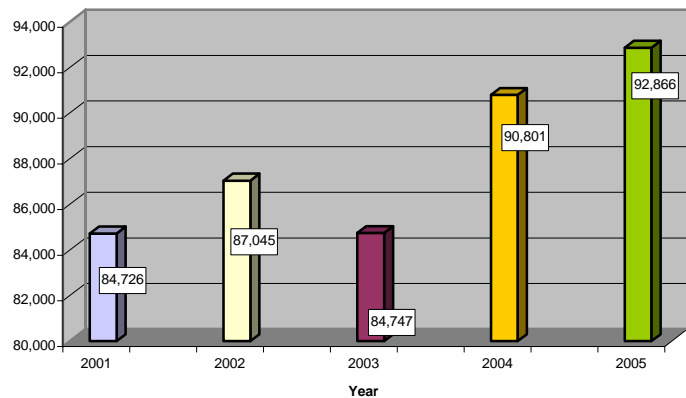


Table 1-5

Victims of Motor Vehicle Crashes*

Age Of Victim	Person Killed Counts				Person Injured Counts			
	Total	Male	Female	Sex Unknown	Total	Male	Female	Sex Unknown
0--4	12	5	7	0	1,564	797	765	2
05--09	20	10	10	0	1,974	1,014	960	0
10--14	20	10	10	0	2,531	1,216	1,314	1
15--19	119	78	41	0	9,342	4,378	4,961	3
20--24	155	116	39	0	9,896	5,031	4,857	8
25--34	209	153	56	0	13,524	6,809	6,707	8
35--44	191	132	59	0	10,687	5,191	5,491	5
45--54	182	131	51	0	8,797	4,192	4,592	13
55--64	109	76	33	0	5,687	2,608	3,077	2
65--74	75	44	31	0	2,848	1,267	1,580	1
75 & Older	84	58	25	1	2,809	1,334	1,445	30
OTHER	3	2	1	0	634	267	343	24
TOTAL	1,179	815	363	1	70,293	34,104	36,092	97

*Includes all reported injuries and fatalities occurring on Arizona roadways

Arizona's 2005 Estimated Population

Race/Ethnic group	Population Percentage*	Traffic Crash Fatality Percentage	Population Estimate**
White non-Hispanic	64.88%	53.47%	3,922,026
Hispanic	25.27%	26.91%	1,527,388
Black or African American	3.10%	3.96%	187,507
American Indian or Alaska Native	4.82%	14.60%	291,684
Asian or Pacific Islander	1.93%	0.88	116,380
Not stated	NA	0.18	NA
Total, all groups	100.00%	100.00%	6,044,985

Source: Arizona Department of Health Services, Health Status and Vital Statistics Section.

* Population estimates for 2005 are available at <http://www.azdhs.gov/plan/menu/info/pop/pop05/pd05.htm>

Table 1-6

Victims of Motor Vehicle Crashes (Arizona Residents Only)***

Age of Victim	Total Killed	M a l e	F e m a l e	Detail Breakdown:					
				White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Ethnicity Unknown
Less Than 1	1	0	1	0	1	0	0	0	0
1-14	57	29	28	12	34	2	9	0	0
15-19	108	74	34	51	36	6	14	1	0
20-44	538	390	148	243	170	21	99	4	1
45-64	278	207	71	184	40	14	35	4	1
65 or older	155	101	54	118	25	2	9	1	0
Total, all ages	1,137	801	336	608	306	45	166	10	2

Source: Arizona Department of Health Services, Health Status and Vital Statistics Section.

***Includes victims of crashes occurring outside Arizona.

Figure 1-5

Vehicle Miles Traveled

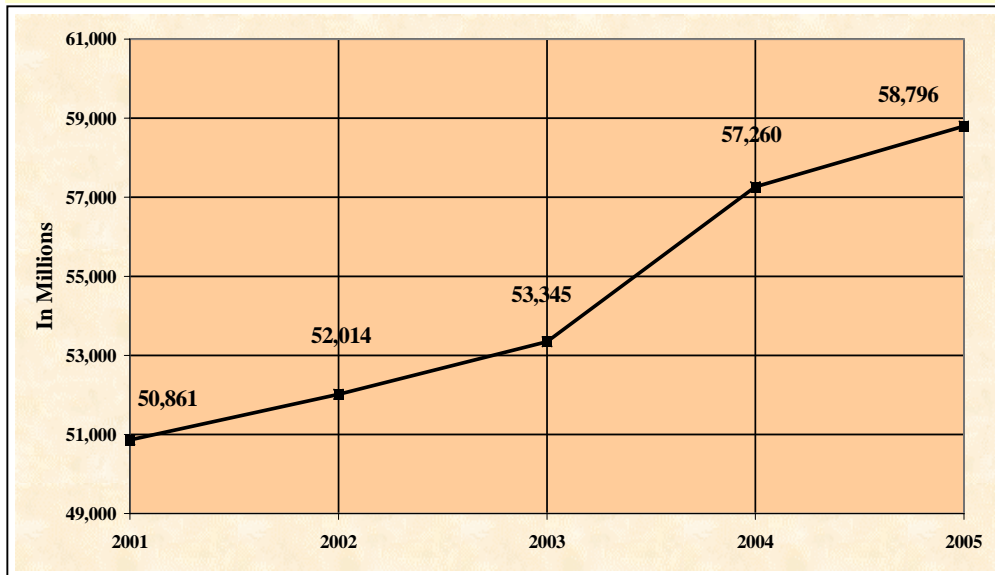


Figure 1-6

Arizona versus U.S. Fatality Rate

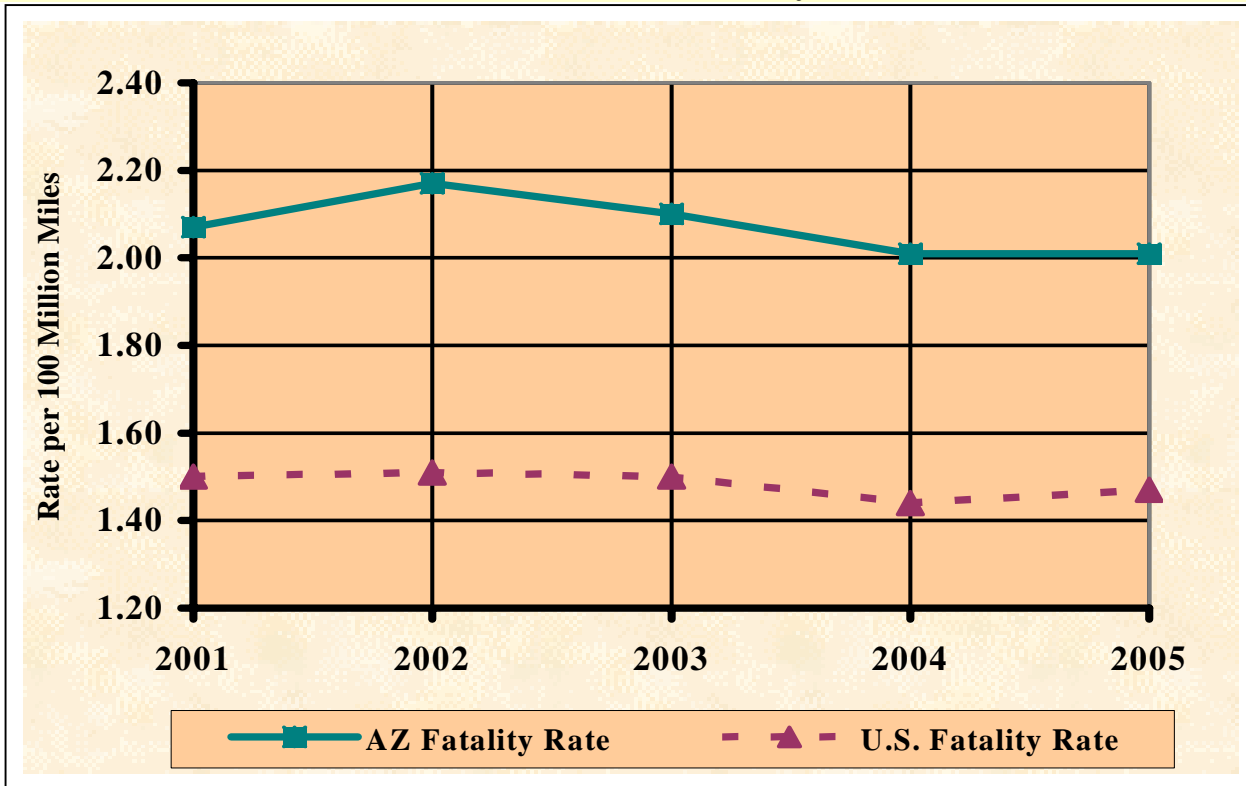


Figure 1-7

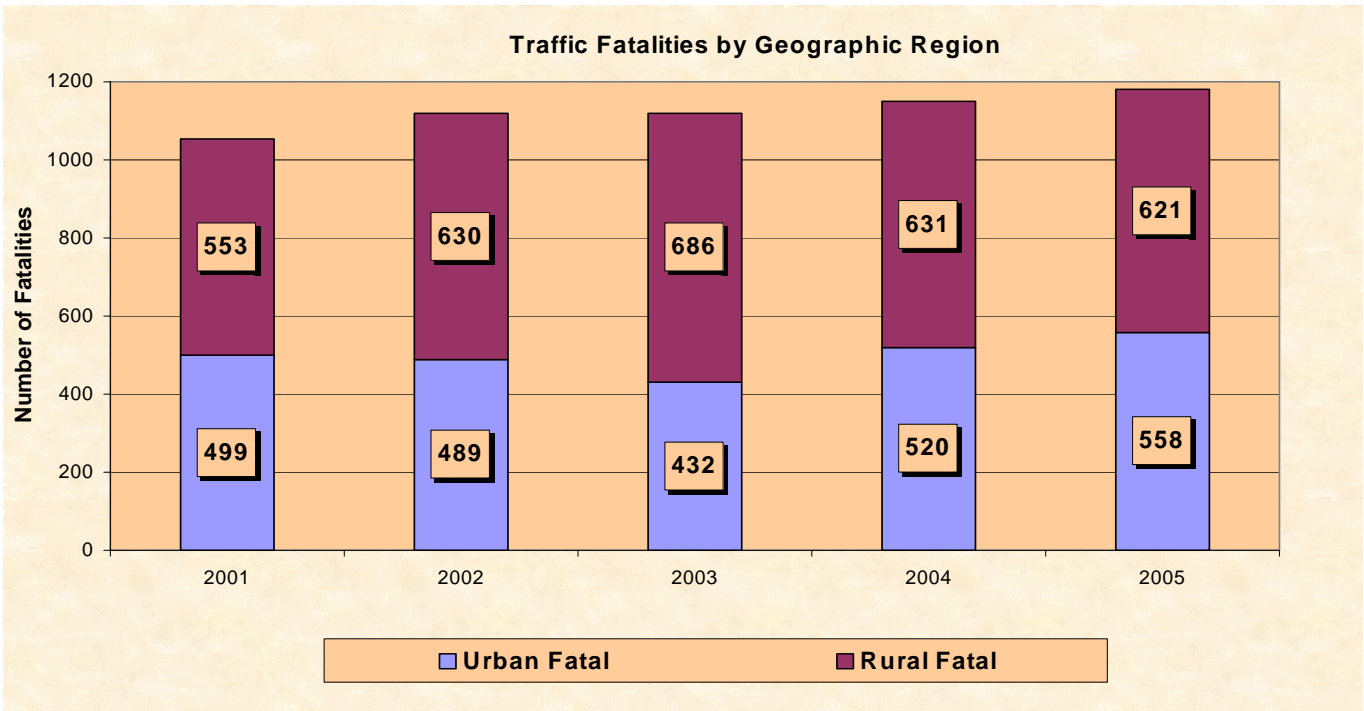


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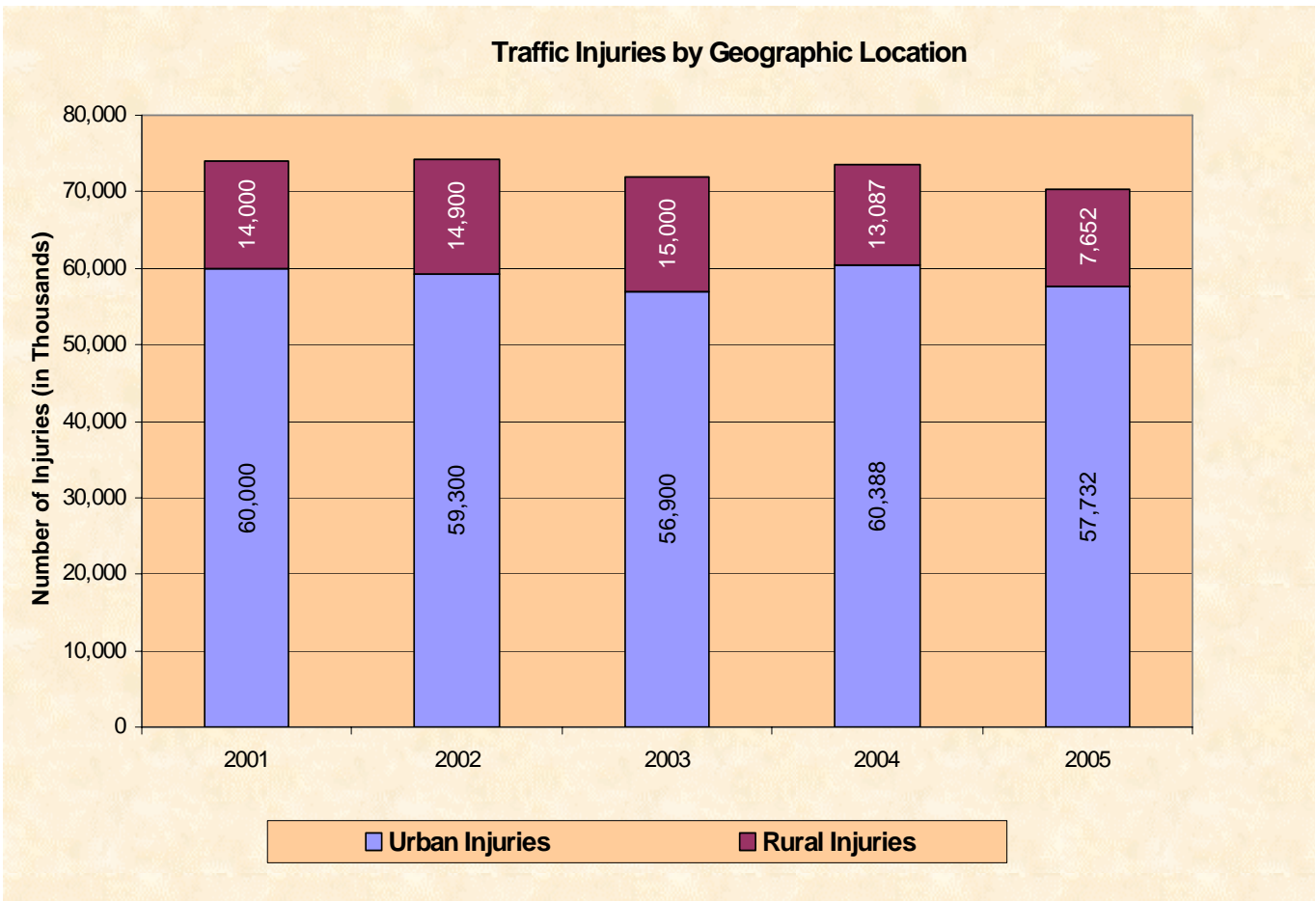


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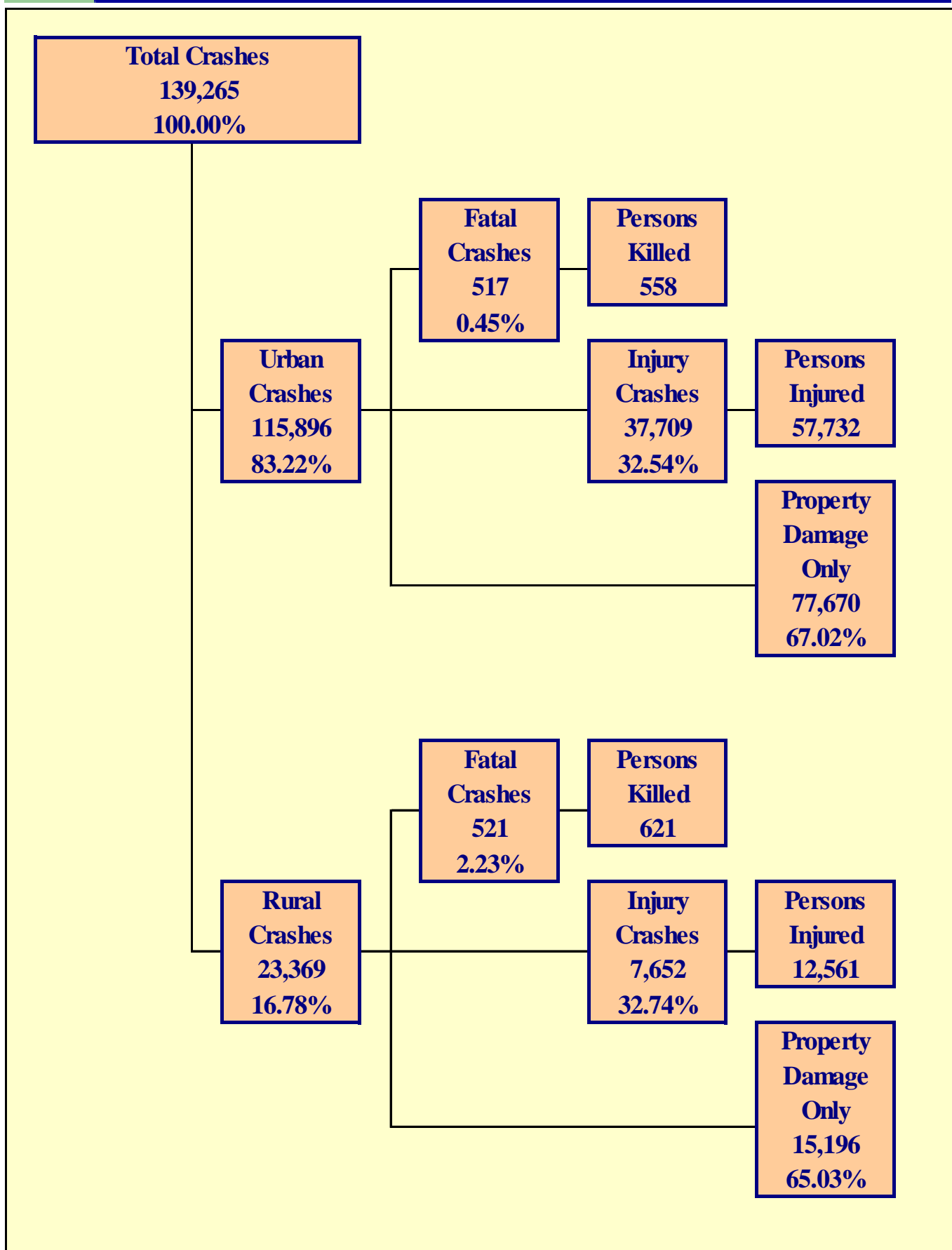
Holiday Crash Statistics

Holidays such as Memorial Day, Labor Day, and Thanksgiving are regarded as a three or four day weekend holiday for statistical purposes. Holidays such as Christmas, New Year's, and the Fourth of July are celebrated on specific dates; which make the holiday period range from two to five days in length.

Holiday fatality statistics are based on fatal crashes occurring between 6:00 p.m. on the last working day prior to the holiday and 5:59 a.m. the day following the holiday period. Example: Thanksgiving fatalities are counted from Wednesday evening at 6:00 p.m. through 5:59 a.m. of the following Monday.

2005 Holidays	Beginning at 6 p.m.	Ending at 5:59 a.m.	Number of Days	Fatal Crashes	Persons Killed	Alcohol- Related Crashes	Alcohol- Related Fatalities
New Year's Day	Thursday 12/30/2004	Monday 01/03/2005	4	18	23	3	5
Memorial Day	Friday 05/27/2005	Tuesday 05/31/2005	4	9	9	3	3
July 4th	Friday 07/01/2005	Tuesday 07/05/2005	4	18	20	9	10
Labor Day	Friday 09/02/2005	Tuesday 09/06/2005	4	5	8	0	0
Thanksgiving Day	Wednesday 11/23/2005	Monday 11/28/2005	5	18	22	4	4
Christmas	Friday 12/23/2005	Tuesday 12/27/2005	4	6	6	2	2
Fatal Crashes by Year	New Year's Day	Memorial Day	July 4th	Labor Day	Thanks- giving	Christmas Day	Total
2001	10	16	4	15	11	15	71
2002	9	7	14	14	15	9	68
2003	3	10	19	8	22	5	67
2004	15	14	11	10	15	12	77
2005	18	9	18	5	18	6	74
Persons Killed	New Year's Day	Memorial Day	July 4th	Labor Day	Thanks- giving	Christmas Day	Total
2001	13	18	4	15	14	15	79
2002	9	11	18	20	19	12	89
2003	3	12	24	8	25	5	77
2004	18	14	16	14	16	15	93
2005	23	9	20	8	22	6	88
Number of Days	New Year's Day	Memorial Day	July 4th	Labor Day	Thanks- giving	Christmas Day	Total
2001	4	4	2	4	5	4	23
2002	2	4	2	4	5	2	19
2003	2	4	4	4	5	2	21
2004	4	4	4	4	5	4	25
2005	4	4	4	4	5	4	25

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Table 2 - 1

Severity by First Harmful Event Statewide						
Statewide	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Overturning	3,103	213	1,704	1,186	250	2,949
Collision with other MV	108,752	391	34,910	73,451	468	56,736
Collision with Pedestrian	1,581	156	1,316	109	161	1,439
Collision with Pedalcyclist	2,016	35	1,706	275	35	1,768
Collision with MV other Rdway	36	8	10	18	12	31
Animal	1,163	2	143	1,018	2	180
Fixed Object	13,990	148	4,005	9,837	160	5,302
Object in Roadway	104	0	19	85	0	30
Other	4,476	56	457	3,963	61	573
Miscellaneous	4,038	29	1,091	2,918	30	1,285
Not Reported	6	0	0	6	0	0
Total	139,265	1,038	45,361	92,866	1,179	70,293

Fatal crashes in Arizona (1,038) accounted for 0.75% of all crashes, injury crashes (45,361) accounted for 32.57%, and property damage only (PDO) crashes (92,866) accounted for 66.68%.

Table 2 - 2

Crashes by County						
County	Total	Number Of Crashes			Number Of Persons	
		Fatal	Injury	PDO	Fatalities	Injuries
Apache	629	25	221	383	31	405
Cochise	1,972	36	576	1,360	47	923
Coconino	4,174	51	1,063	3,060	61	1,635
Gila	982	18	305	659	19	472
Graham	300	8	99	193	8	151
Greenlee	66	2	23	41	2	28
La Paz	548	30	166	352	35	315
Maricopa	92,607	480	30,177	61,950	524	46,552
Mohave	3,733	52	1,297	2,384	62	2,019
Navajo	1,381	37	414	930	46	702
Pima	21,256	126	7,380	13,750	137	11,265
Pinal	3,862	73	1,167	2,622	85	2,020
Santa Cruz	669	11	186	472	13	290
Yavapai	3,929	58	1,136	2,735	72	1,694
Yuma	3,157	31	1,151	1,975	37	1,822
TOTAL	139,265	1,038	45,361	92,866	1,179	70,293

Severity by First Harmful Event in Urban Areas

Urban	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Overturning	816	44	435	337	53	705
Collision with other MV	95,553	218	30,734	64,601	239	49,391
Collision with Pedestrian	1,417	115	1,204	98	116	1,314
Collision with Pedalcyclist	1,857	29	1,575	253	29	1,629
Collision with MV other Rdway	23	6	5	12	9	23
Animal	175	0	20	155	0	23
Fixed Object	9,860	80	2,676	7,104	87	3,399
Object in Roadway	31	0	4	27	0	7
Other	3,866	15	383	3,468	15	472
Miscellaneous	2,293	10	673	1,610	10	769
Not Reported	5	0	0	5	0	0
Total	115,896	517	37,709	77,670	558	57,732

Table 2 - 3

Severity by First Harmful Event in Rural Areas

Rural	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Overturning	2,287	169	1,269	849	197	2,244
Collision with other MV	13,199	173	4,176	8,850	229	7,345
Collision with Pedestrian	164	41	112	11	45	125
Collision with Pedalcyclist	159	6	131	22	6	139
Collision with MV other Rdway	13	2	5	6	3	8
Animal	988	2	123	863	2	157
Fixed Object	4,130	68	1,329	2,733	73	1,903
Object in Roadway	73	0	15	58	0	23
Other	610	41	74	495	46	101
Miscellaneous	1,745	19	418	1,308	20	516
Not Reported	1	0	0	1	0	0
Total	23,369	521	7,652	15,196	621	12,561

Table 2 - 4

While urban crashes in Arizona (115,896) accounted for 83.22% of all crashes, they accounted for 49.81% of all fatal crashes (517) occurring in 2005.

Rural crashes in Arizona (23,369) accounted for 16.78% of all crashes, they accounted for 2.23% of all fatal crashes (521) occurring in 2005.

Table 2 - 5

Analysis by Jurisdiction

Counties Cities	Total	Number of Crashes			Number of Persons		Alcohol Related			
		Fatal	Injury	PDO	Killed	Injured	Crashes	Killed	Injured	
Apache County		112	8	36	68	9	75	20	3	28
Apache County State Rural Roads		426	15	164	247	20	299	28	5	36
Eagar		46	0	12	34	0	18	4	0	3
St. Johns		17	2	5	10	2	9	0	0	0
Springerville		28	0	4	24	0	4	2	0	1
TOTAL		629	25	221	383	31	405	54	8	68
Cochise County		227	10	60	157	10	94	18	3	10
Cochise County State Rural Roads		488	21	174	293	32	335	22	3	20
Benson		95	2	24	69	2	44	7	0	4
Bisbee		24	0	12	12	0	16	0	0	0
Douglas		266	0	53	213	0	67	16	0	3
Huachuca City		8	0	2	6	0	2	0	0	0
Sierra Vista		827	3	243	581	3	350	25	0	23
Tombstone		2	0	1	1	0	1	0	0	0
Willcox		35	0	7	28	0	14	0	0	0
TOTAL		1,972	36	576	1,360	47	923	88	6	60
Coconino County		264	7	70	187	8	105	29	3	24
Coconino County State Rural Roads		1,007	29	307	671	38	566	51	5	57
Flagstaff		2,402	12	562	1,828	12	778	117	1	85
Fredonia		4	0	2	2	0	8	2	0	2
Williams		96	2	16	78	2	20	4	0	3
Page		97	0	31	66	0	51	6	0	6
Sedona		304	1	75	228	1	107	15	0	8
TOTAL		4,174	51	1,063	3,060	61	1,635	224	9	185
Gila County		106	4	24	78	4	35	12	0	5
Gila County State Rural Roads		385	13	124	248	14	196	25	4	26
Globe		192	1	63	128	1	102	7	0	3
Miami		29	0	9	20	0	12	0	0	0
Payson		270	0	85	185	0	127	21	0	17
TOTAL		982	18	305	659	19	472	65	4	51
Graham County		45	4	13	28	4	24	4	0	0
Graham County State Rural Roads		77	4	33	40	4	54	10	0	8
Pima		4	0	1	3	0	2	0	0	0
Safford		111	0	34	77	0	49	10	0	4
Thatcher		63	0	18	45	0	22	2	0	1
TOTAL		300	8	99	193	8	151	26	0	13
Greenlee County		12	1	3	8	1	4	3	1	0
Greenlee County State Rural Roads		39	1	14	24	1	15	1	0	1
Clifton		8	0	4	4	0	7	1	0	4
Duncan		7	0	2	5	0	2	2	0	1
TOTAL		66	2	23	41	2	28	7	1	6

Section 2: – Geographic Location

Table 2 - 5

Analysis by Jurisdiction

Counties Cities	Total	Number of Crashes			Number of Persons		Alcohol Related			
		Fatal	Injury	PDO	Killed	Injured	Crashes	Killed	Injured	
La Paz County		36	2	13	21	2	21	7	1	6
La Paz County State Rural Roads		365	25	127	213	29	248	17	7	15
Parker		69	0	11	58	0	15	1	0	3
Quartzite		78	3	15	60	4	31	2	0	0
TOTAL		548	30	166	352	35	315	27	8	24
Maricopa County		4,444	49	1,518	2,877	52	2,362	244	11	202
Maricopa County State Rural Roads		2,527	43	845	1,639	55	1,365	114	8	97
Avondale		1,235	9	313	913	10	462	66	2	50
Buckeye		271	6	76	189	8	123	13	0	15
Cave Creek		104	0	29	75	0	37	11	0	7
Chandler		4,500	5	1,232	3,263	5	1,833	240	0	167
El Mirage		281	0	83	198	0	142	16	0	14
Gila Bend		34	0	14	20	0	19	2	0	0
Gilbert		2,364	12	656	1,696	12	933	106	2	63
Glendale		5,475	24	1,739	3,712	25	2,684	294	8	216
Goodyear		980	7	291	682	7	474	42	1	27
Mesa		10,747	61	3,128	7,558	64	4,623	573	18	456
Paradise Valley		305	1	82	222	1	122	21	0	6
Peoria		2,621	14	780	1,827	18	1,183	128	3	66
Phoenix		41,143	196	14,542	26,405	211	22,942	2,316	51	1,812
Scottsdale		4,907	24	1,540	3,343	27	2,318	357	4	228
Surprise		913	5	281	627	5	438	45	0	33
Tempe		8,455	19	2,658	5,778	19	3,943	469	1	331
Tolleson		459	0	132	327	0	202	24	0	26
Wickenburg		91	0	24	67	0	36	2	0	0
Youngtown		15	0	3	12	0	3	0	0	0
Guadalupe		350	0	98	252	0	143	10	0	3
Litchfield Park		83	1	22	60	1	31	6	1	4
Queen Creek		94	2	27	65	2	46	4	0	2
Fountain Hills		174	1	50	123	1	65	9	1	2
Carefree		35	1	14	20	1	23	5	1	2
TOTAL		92,607	480	30,177	61,950	524	46,552	5,117	112	3,829
Mohave County		455	6	165	284	7	223	41	3	31
Mohave County State Rural Roads		846	35	329	482	43	595	63	8	66
Kingman		667	1	239	427	1	387	28	0	28
Lake Havasu City		748	3	258	487	3	377	57	1	34
Bullhead City		1,001	7	301	693	8	431	77	2	48
Colorado City		16	0	5	11	0	6	1	0	0
TOTAL		3,733	52	1,297	2,384	62	2,019	267	14	207

Table 2 - 5

Analysis by Jurisdiction

Counties Cities	Total	Number of Crashes			Number of Persons		Alcohol Related			
		Fatal	Injury	PDO	Killed	Injured	Crashes	Killed	Injured	
Navajo County		164	9	69	86	11	112	10	1	8
Navajo County State Rural Roads		428	23	148	257	28	269	18	2	28
Holbrook		97	1	21	75	2	33	10	0	3
Show Low		272	1	76	195	1	126	9	1	18
Snowflake		75	0	17	58	0	19	3	0	1
Taylor		39	0	14	25	0	22	4	0	2
Winslow		173	2	36	135	2	56	17	1	9
Pinetop-Lakeside		133	1	33	99	2	65	7	0	6
TOTAL		1,381	37	414	930	46	702	78	5	75
Pima County		4,007	40	1,271	2,696	45	1,956	249	6	197
Pima County State Rural Roads		935	22	329	584	26	555	46	4	50
South Tucson		183	1	72	110	1	114	12	0	9
Tucson		14,488	54	5,233	9,201	56	7,882	622	13	438
Sahuarita		136	2	40	94	2	74	4	0	6
Oro Valley		503	1	152	350	1	233	9	0	8
Marana		1,004	6	283	715	6	451	38	0	33
TOTAL		21,256	126	7,380	13,750	137	11,265	980	23	741
Pinal County		834	33	261	540	39	452	73	12	76
Pinal County State Rural Roads		1,117	26	340	751	28	630	67	6	60
Casa Grande		979	6	310	663	8	521	45	0	20
Coolidge		151	1	27	123	1	48	7	0	1
Eloy		216	4	58	154	5	101	11	2	9
Florence		59	0	14	45	0	24	4	0	1
Kearny		2	0	1	1	0	1	0	0	0
Mammoth		2	0	1	1	0	2	1	0	2
Superior		16	0	6	10	0	9	2	0	1
Apache Junction		486	3	149	334	4	232	26	1	12
TOTAL		3,862	73	1,167	2,622	85	2,020	236	21	182
Santa Cruz County		91	3	24	64	3	45	12	1	7
Santa Cruz County State Rural Rd		179	4	63	112	6	108	12	1	11
Nogales		398	4	98	296	4	136	20	1	11
Patagonia		1	0	1	0	0	1	0	0	0
TOTAL		669	11	186	472	13	290	44	3	29
Yavapai County		459	9	159	291	9	224	48	4	27
Yavapai County State Rural Roads		1,146	40	340	766	52	563	59	6	45
Clarkdale		7	0	3	4	0	6	22	2	15
Cottonwood		339	4	99	236	5	143	57	0	25
Jerome		12	0	0	12	0	0	0	0	0
Prescott		1,164	5	294	865	6	393	0	0	0
Prescott Valley		564	0	163	401	0	247	47	0	44
Chino Valley		118	0	38	80	0	59	9	0	6
Camp Verde		120	0	40	80	0	59	8	0	3
TOTAL		3,929	58	1,136	2,735	72	1,694	250	12	165

Section 2: – Geographic Location

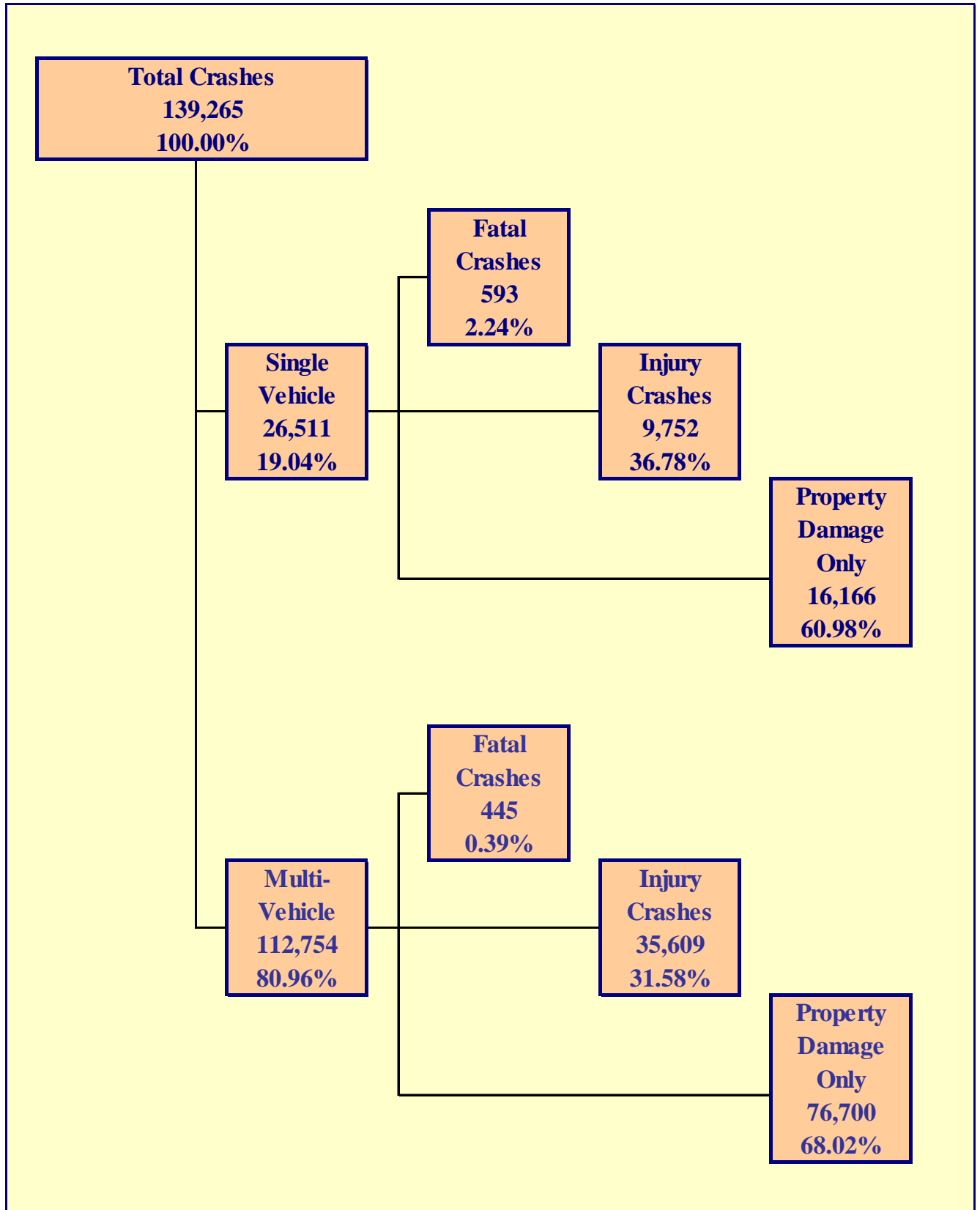
Table 2 - 5

Analysis by Jurisdiction

Counties Cities	Total	Number of Crashes			Number of Persons		Alcohol Related			
		Fatal	Injury	PDO	Killed	Injured	Crashes	Killed	Injured	
Yuma County		695	11	205	479	11	343	43	3	36
Yuma County State Rural Roads		390	11	153	226	15	247	23	2	14
Somerton		27	0	6	21	0	6			
Yuma		2,041	8	785	1,248	10	1,222	122	2	81
Wellton		2	0	1	1	0	1			
San Luis		2	1	1	0	1	3			
TOTAL		3,157	31	1,151	1,975	37	1,822	188	7	131

Some individual city data may be incomplete due to lack of timely reporting.

Totals within city and town jurisdictions include all state highways.



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Table 3 - 1

Manner of Collision in Multi-Vehicle Crashes

Manner of Collision	Total	Percent of All Crashes	Fatal	Percent of Fatal Crashes	Injury	Percent of Injury Crashes
Sideswipe Same Direction	15,145	13.43%	28	6.29%	2,322	6.52%
Sideswipe Opposite Direction	1,250	1.11%	12	2.70%	341	0.96%
Angle	23,771	21.08%	109	24.49%	8,837	24.82%
Left Turn	13,705	12.15%	65	14.61%	6,265	17.59%
Rear-End	49,795	44.16%	63	14.16%	15,922	44.71%
Head-On	1,157	1.03%	113	25.39%	562	1.58%
Backing	2,774	2.46%	0	0.00%	136	0.38%
Other	3,140	2.78%	42	9.44%	688	1.93%
Driveway/Alley Related	4	0.00%	0	0.00%	1	0.00%
Non-Contact (motorcycle)	15	0.01%	0	0.00%	13	0.04%
Non-Contact (not motorcycle)	317	0.28%	5	1.12%	84	0.24%
U-Turn	1,678	1.49%	8	1.80%	438	1.23%
Not Reported	3	0.00%	0	0.00%	0	0.00%
TOTAL	112,754	100%	445	100%	35,609	100%

Table 3 - 2

Unusual Road Conditions

Unusual Road Conditions	Total	Incident Counts			Person Counts	
		Fatal	Injury	PDO	Killed	Injured
No Unusual Condition	134,079	1,001	43,909	89,169	1,136	67,997
Under Construction, Traffic Allowed	3,273	13	870	2,390	14	1,402
Under Construction, Traffic Detoured	97	0	35	62	0	51
Under Repairs	99	1	27	71	1	37
Holes, Ruts, Bumps	311	6	125	180	7	197
Obstruction (protected)	33	0	9	24	0	13
Obstruction (unprotected)	104	0	21	83	0	28
Obstruction (unlighted at night)	112	5	33	74	6	61
Defective Shoulders	41	0	18	23	0	24
Changing Roadwidth	271	3	61	207	4	104
Flooded	489	6	158	325	8	243
Temporary Lane Closure	352	3	94	255	3	135
TOTAL	139,261	1,038	45,360	92,863	1,179	70,292

Table 3 - 3

Weather Conditions						
Weather Conditions	Total	Number of Crashes			Number of Persons	
		Fatal	Injury	PDO	Killed	Injured
Clear	118,660	777	38,849	79,034	873	60,104
Cloudy	13,325	133	4,411	8,781	153	6,887
Sleet/Hail	229	7	66	156	9	115
Rain	5,778	31	1,773	3,974	37	2,765
Snow	571	4	107	460	7	161
Severe Crosswinds	80	2	26	52	2	37
Blowing Sand, Soil, Dirt, Snow	77	2	26	49	2	52
Fog, Smog, Smoke	38	0	11	27	0	17
Not Reported	507	82	92	333	96	155
TOTAL	139,265	1,038	45,361	92,866	1,179	70,293

Table 3 - 4

Lighting Conditions						
Lighting Conditions	Total	Incident Counts			Person Counts	
		Fatal	Injury	PDO	Killed	Injured
Not Reported	332	11	75	246	15	107
Daylight	99,250	484	32,043	66,723	554	49,174
Dawn or Dusk	7,867	65	2,574	5,228	75	3,996
Darkness	31,816	478	10,669	20,669	535	17,016
TOTAL	139,265	1,038	45,361	92,866	1,179	70,293

Table 3 - 5

Road Surface						
Surface	Total	Number of Crashes			Number of Persons	
		Fatal	Injury	PDO	Killed	Injured
Asphalt	131,913	906	43,087	87,920	1,032	66,950
Concrete	5,262	30	1,667	3,565	33	2,408
Gravel	350	1	92	257	1	146
Dirt	1,186	22	401	763	22	609
Other	82	0	19	63	0	28
Not Reported	468	79	94	295	91	151
TOTAL	139,261	1,038	45,360	92,863	1,179	70,292

Table 3 - 6

Road Surface Conditions

Road Surface Conditions	Total	Incident Counts			Person Counts	
		Fatal	Injury	PDO	Killed	Injured
Dry	127,145	881	41,760	84,504	992	64,819
Wet	8,120	46	2,508	5,566	55	3,822
Not Reported, No Unusual Condition	2,024	98	588	1,338	115	891
Sand, Mud, Dirt, Oil or Gravel	641	3	234	404	3	344
Snow	362	2	63	297	4	102
Slush	195	2	56	137	2	93
Ice	459	3	94	362	4	140
Other	73	1	22	50	1	32
Unknown	242	2	35	205	3	49
TOTAL	139,261	1,038	45,360	92,863	1,179	70,292

Table 3 - 7

Road Grade

Road Grade	Total	Incident Counts			Person Counts	
		Fatal	Injury	PDO	Killed	Injured
Level	126,106	756	41,186	84,164	846	63,795
Downgrade	6,754	106	2,254	4,394	124	3,544
Upgrade	4,771	73	1,431	3,267	89	2,186
Hillcrest	426	6	154	266	6	233
Dip	175	3	65	107	3	109
Not Reported	1,029	94	270	665	111	425
TOTAL	139,261	1,038	45,360	92,863	1,179	70,292

Figure 3 - 1

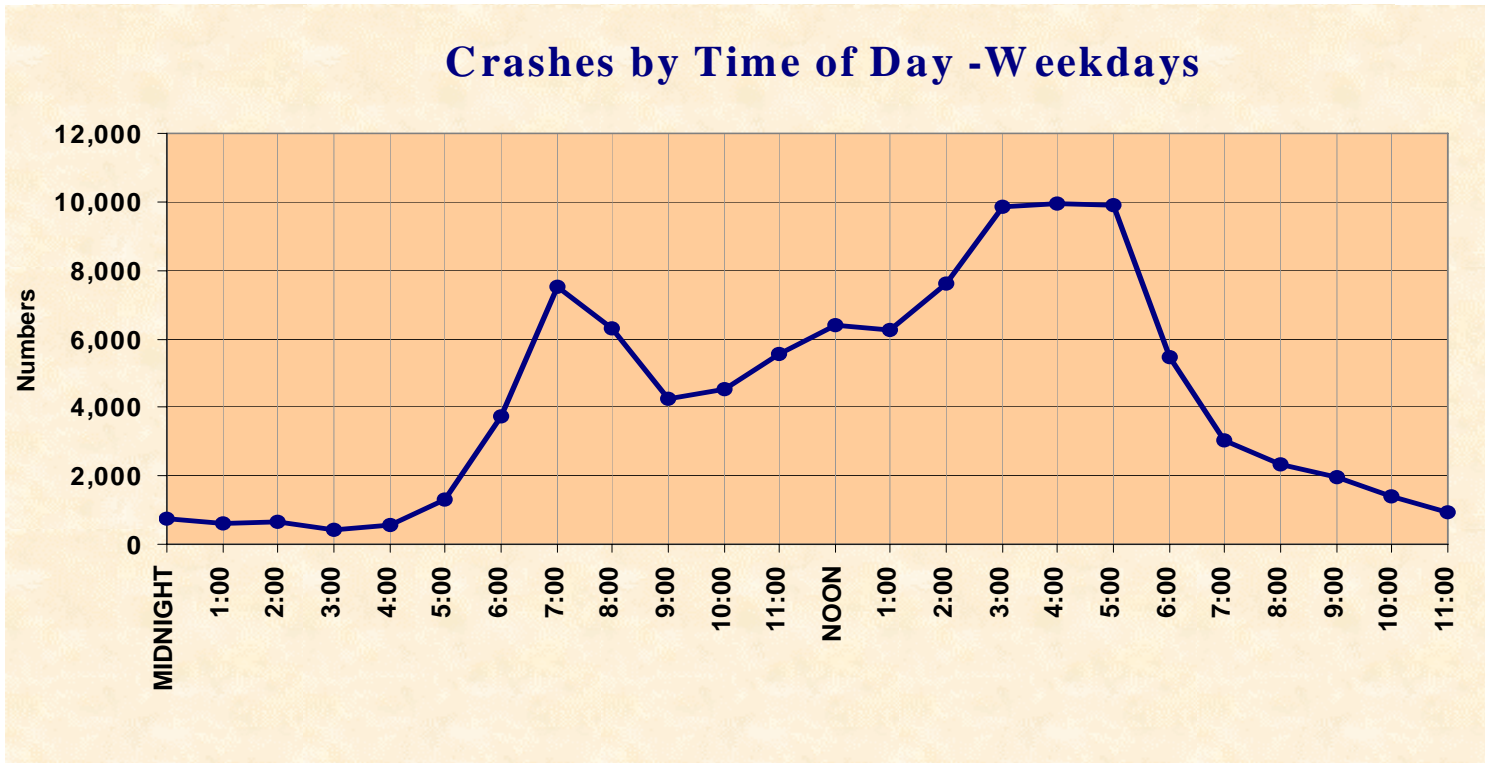


Figure 3 - 2

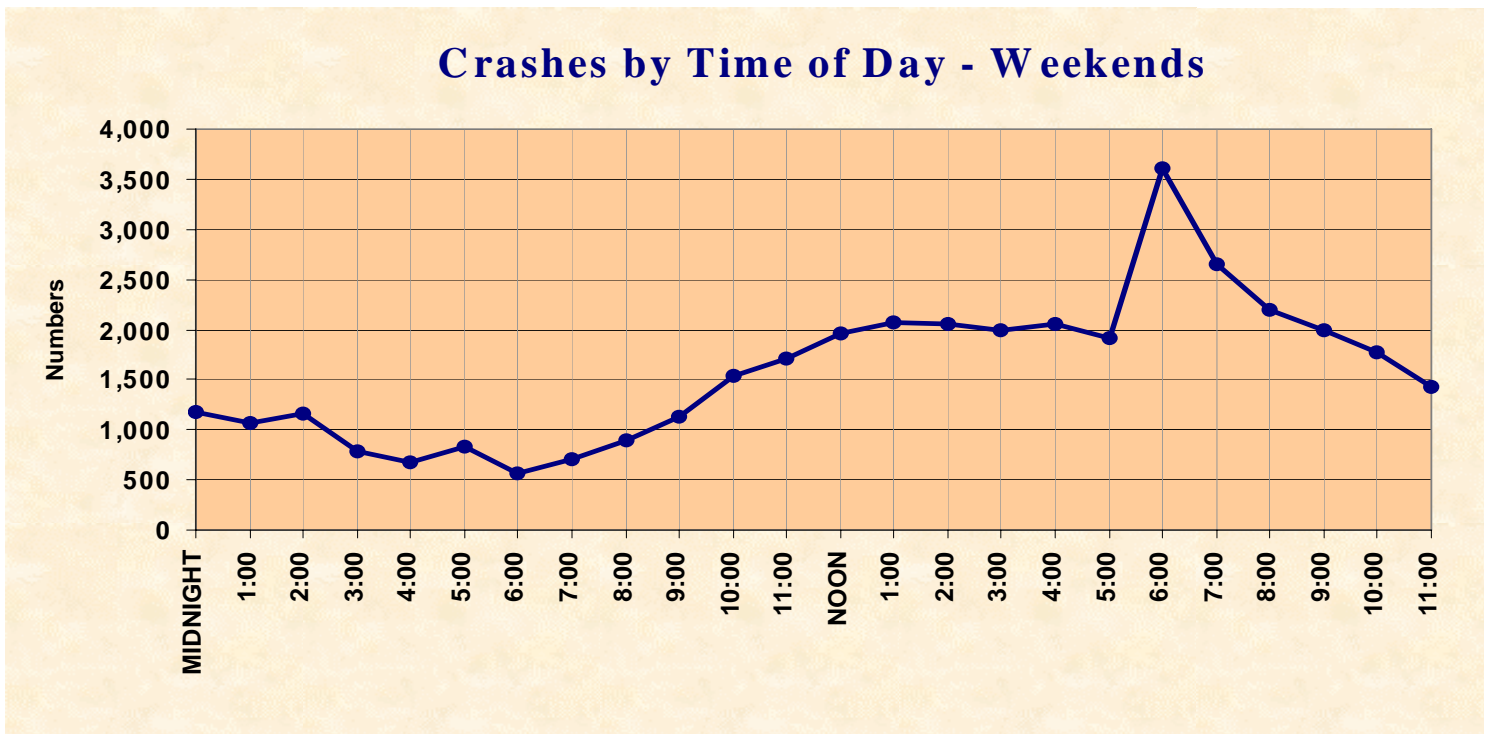


Figure 3 - 3

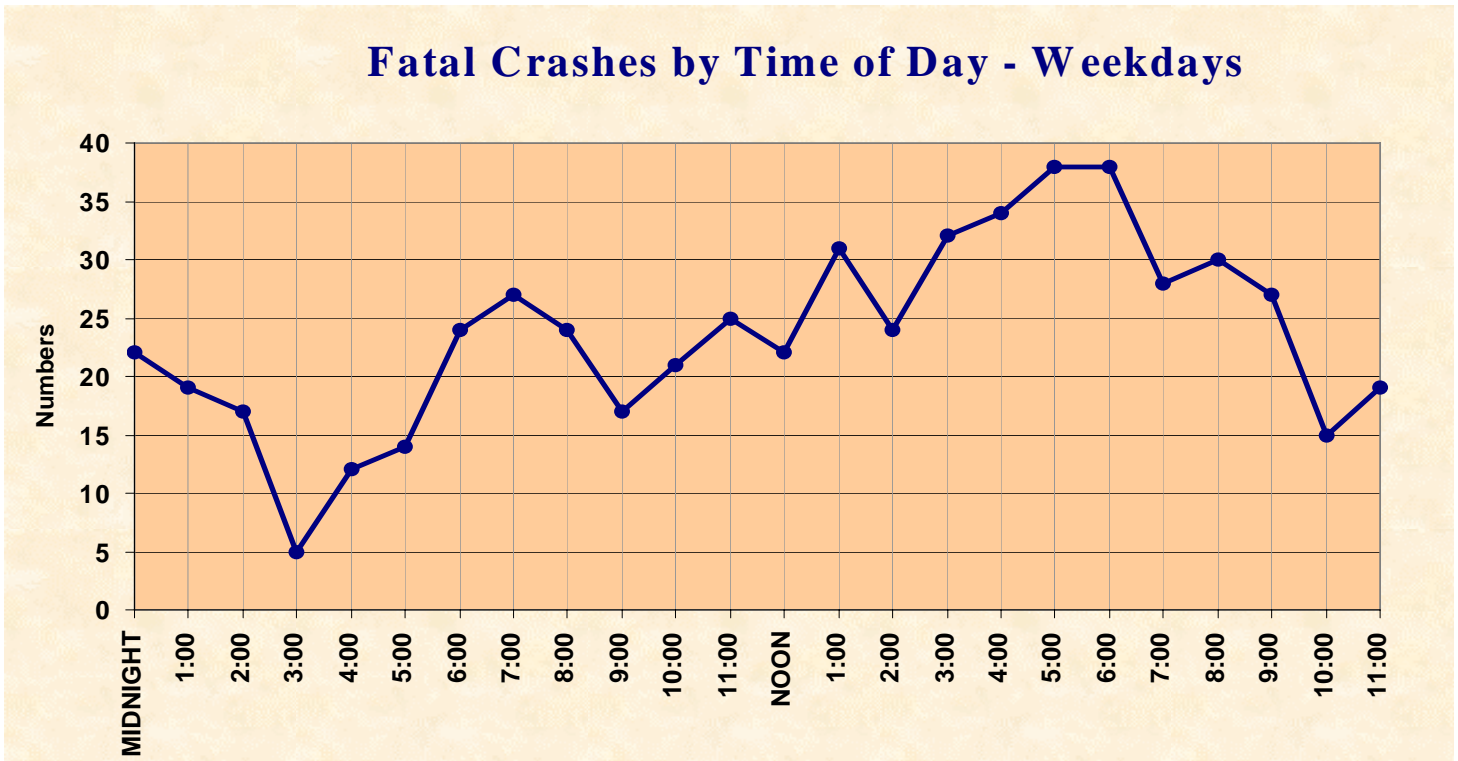


Figure 3 - 4

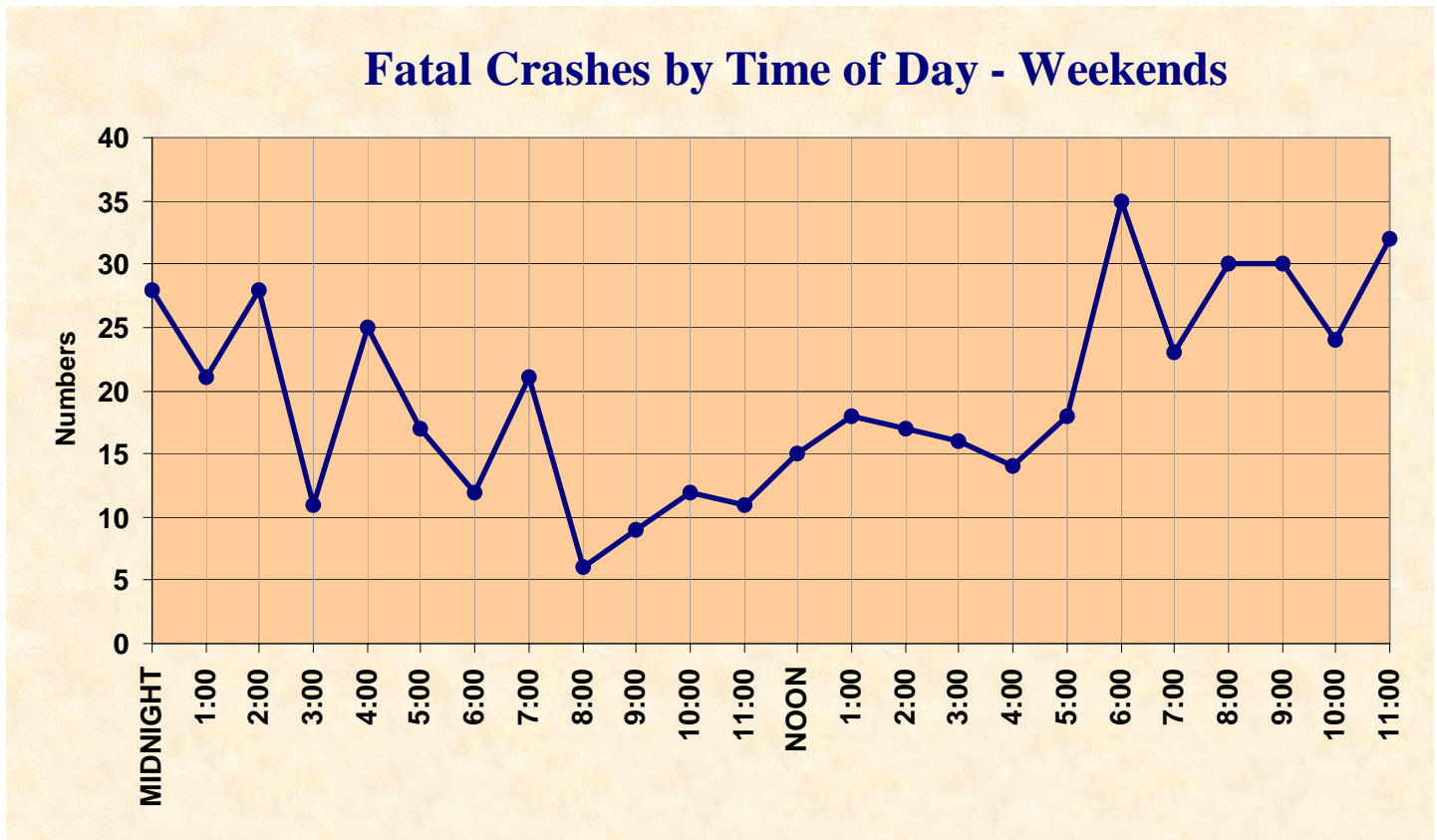


Figure 3 - 5

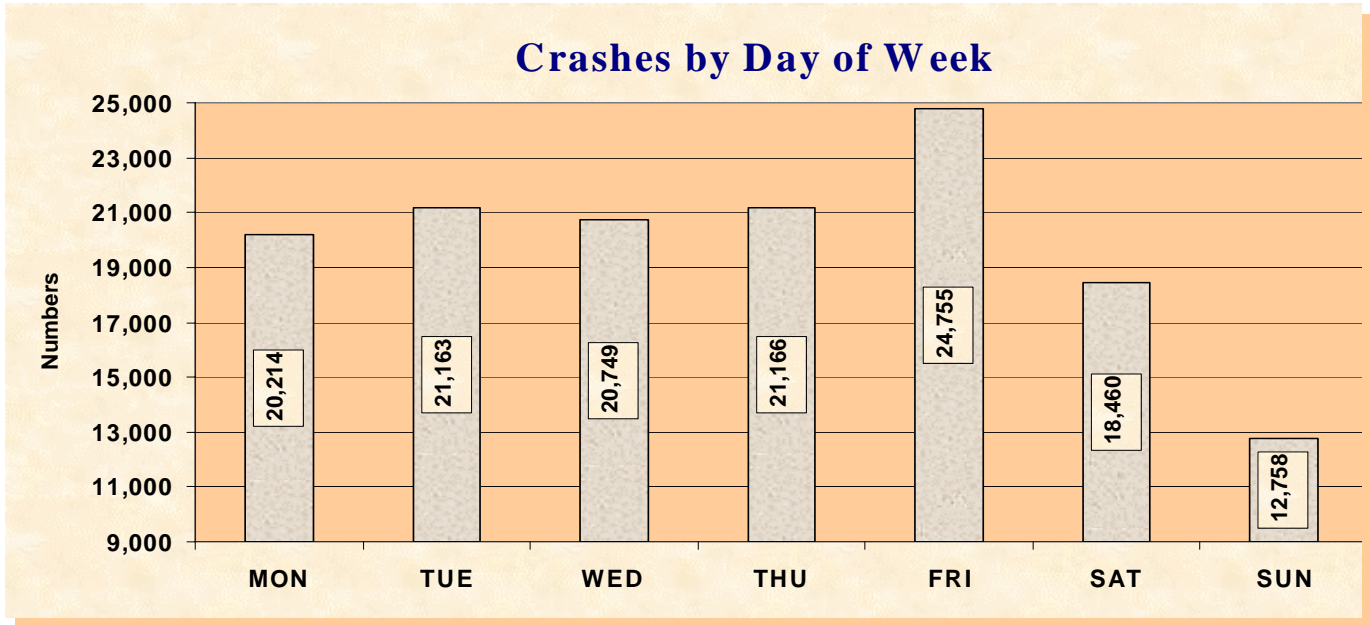


Figure 3 - 6

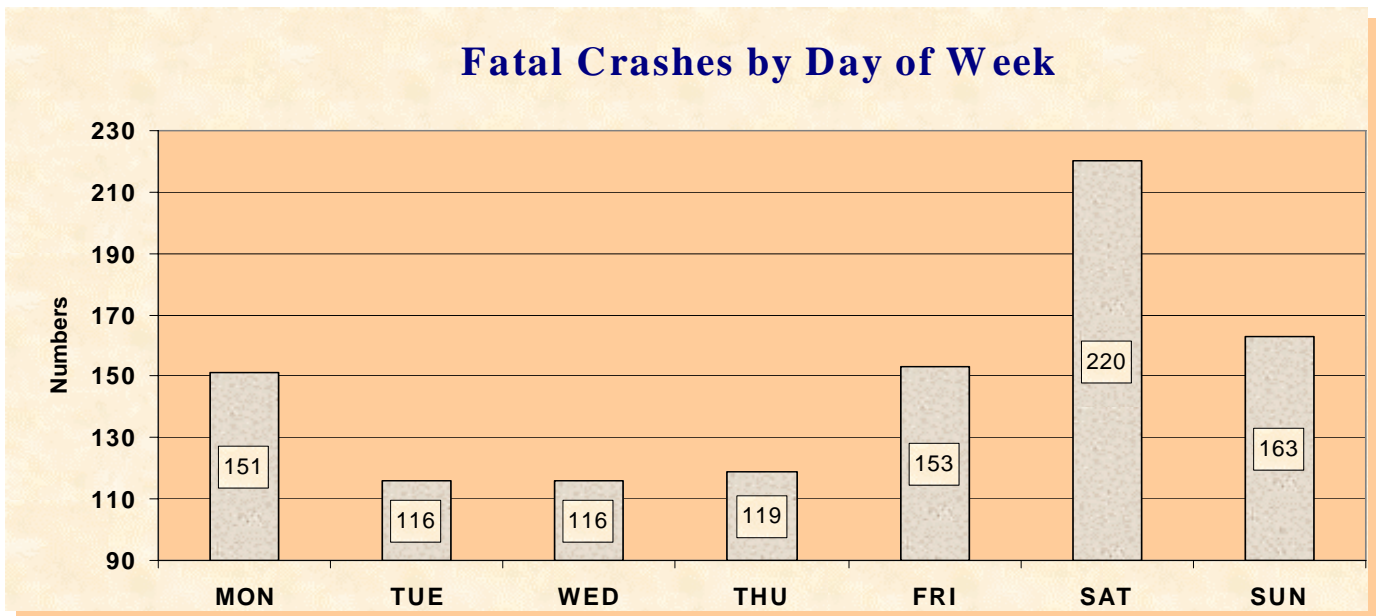


Figure 3 - 7

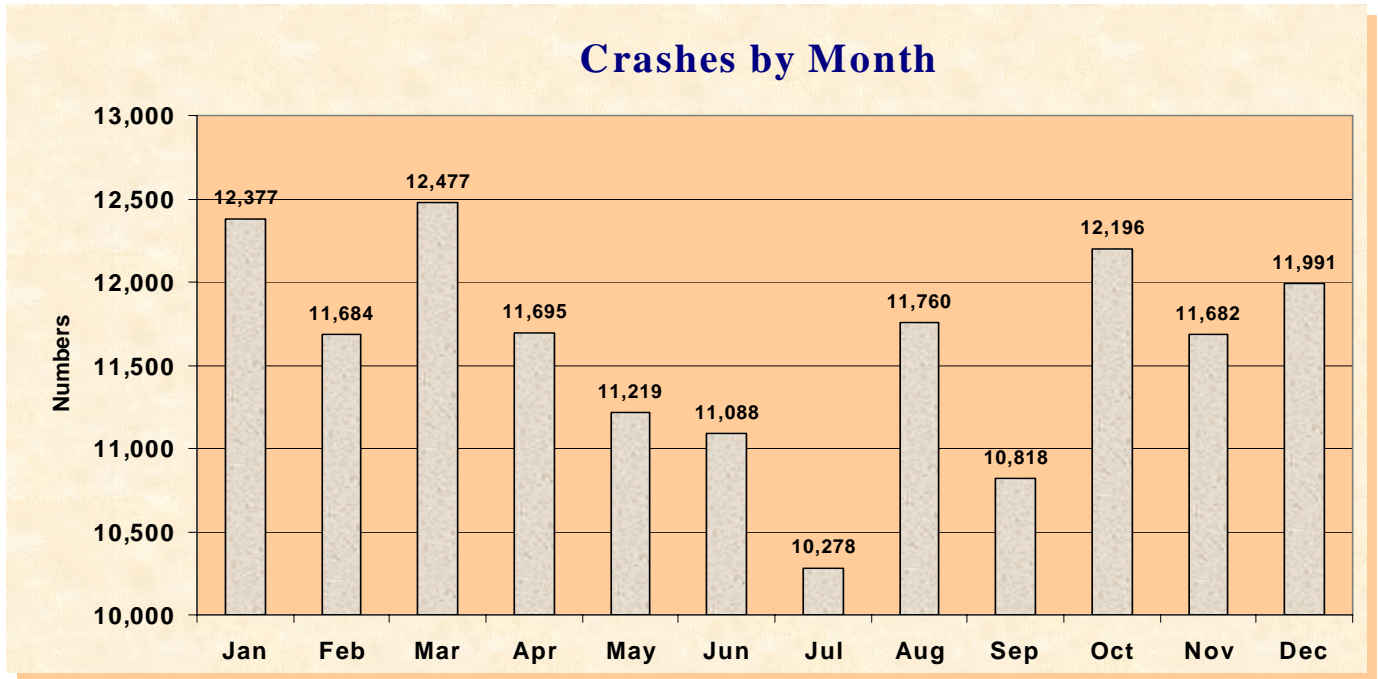
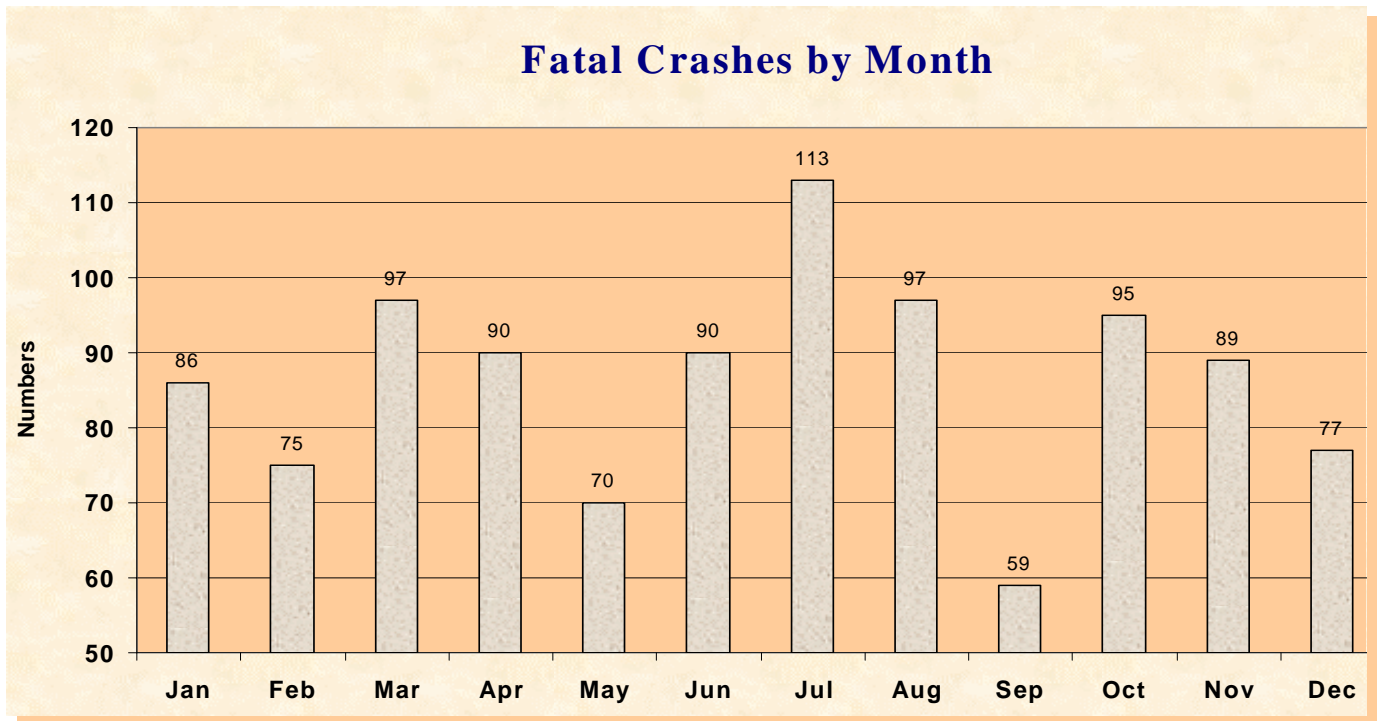


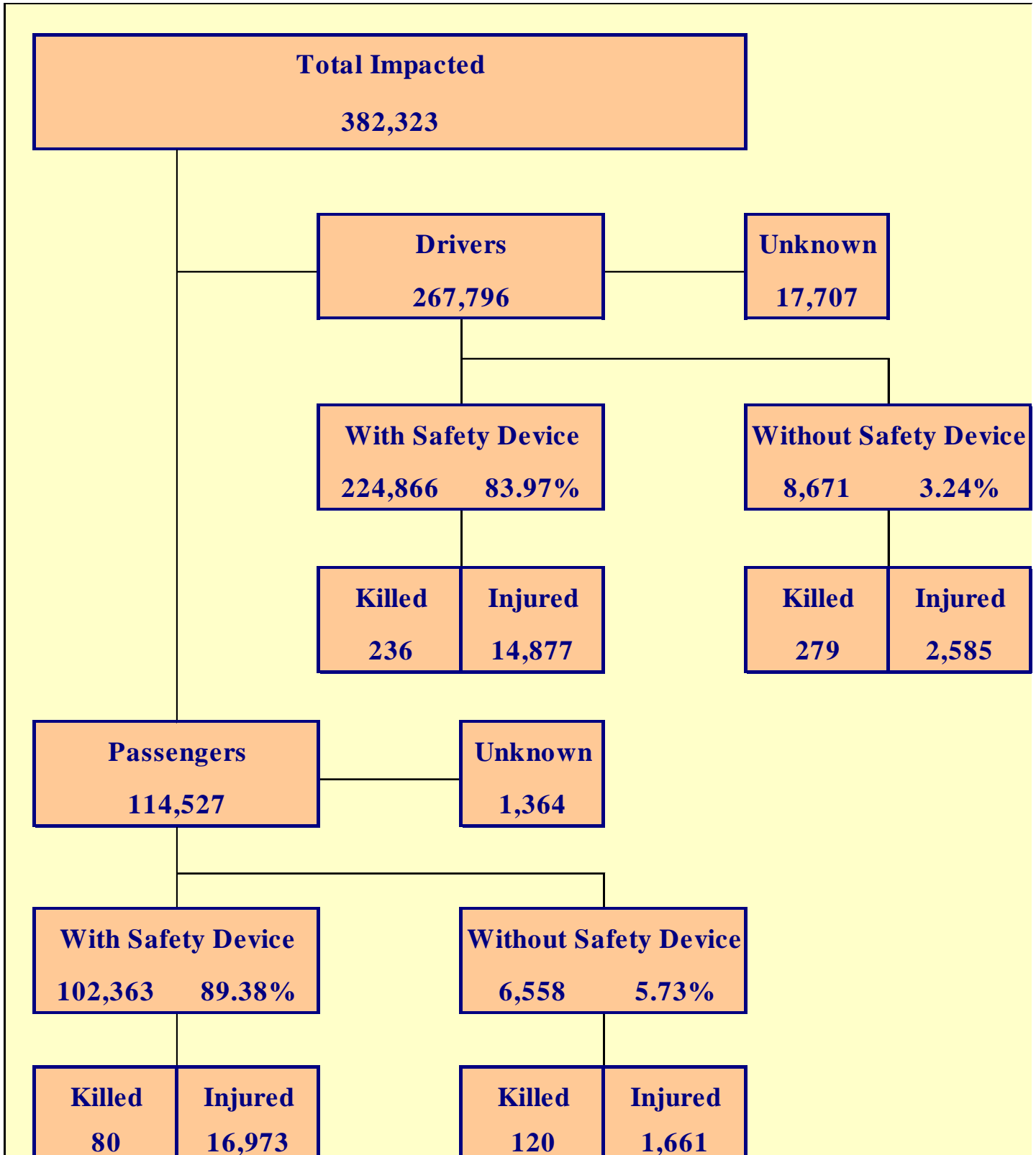
Figure 3 - 8



Section 3: Crash Descriptions

Table 3 - 8
Crashes by Hour and Day of Week

Hour Beginning	Total Crashes		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal
MIDNIGHT	1,935	50	166	7	158	5	181	4	183	7	234	6	497	13	516	8
1:00	1,684	40	163	5	134	3	117	7	156	5	203	4	467	11	444	5
2:00	1,806	45	137	2	118	1	134	6	163	7	223	3	514	11	517	15
3:00	1,214	16	109	2	85	0	87	1	116	1	149	3	338	5	330	4
4:00	1,239	37	149	9	128	4	147	1	133	3	163	4	264	8	255	8
5:00	2,135	31	321	3	358	2	328	4	313	6	301	2	268	5	246	9
6:00	4,294	36	734	6	789	4	741	1	769	9	700	4	331	6	230	6
7:00	8,209	48	1,441	6	1,653	6	1,606	9	1,497	3	1,304	3	444	13	264	8
8:00	7,194	30	1,245	6	1,345	0	1,263	7	1,309	4	1,132	7	577	4	323	2
9:00	5,384	26	857	4	841	1	863	3	785	1	902	8	694	6	442	3
10:00	6,079	33	910	3	909	6	867	3	864	6	986	3	979	4	564	8
11:00	7,266	36	1,012	4	1,138	9	1,090	5	1,068	3	1,245	4	1,098	7	615	4
NOON	8,345	37	1,259	8	1,248	4	1,216	4	1,231	1	1,430	5	1,196	9	765	6
1:00	8,344	49	1,218	11	1,170	5	1,264	4	1,213	7	1,413	4	1,267	8	799	10
2:00	9,670	41	1,441	12	1,356	2	1,446	3	1,472	2	1,902	5	1,263	8	790	9
3:00	11,870	48	1,886	11	1,964	6	1,818	5	1,889	6	2,314	4	1,194	9	805	7
4:00	12,017	48	1,836	8	2,071	7	1,876	5	1,893	6	2,281	8	1,212	7	848	7
5:00	11,804	56	1,762	7	2,015	6	1,864	4	2,062	7	2,183	14	1,107	11	811	7
6:00	9,070	73	1,274	8	1,323	13	1,396	10	1,464	7	1,655	14	1,088	9	870	12
7:00	5,659	51	727	5	719	5	782	9	785	9	1,107	6	873	14	666	3
8:00	4,527	60	543	9	577	11	582	3	636	7	866	6	750	19	573	5
9:00	3,973	57	462	8	495	6	500	9	521	4	780	10	740	13	475	7
10:00	3,181	39	344	4	340	5	350	3	378	3	722	11	719	9	328	4
11:00	2,366	51	218	3	229	5	231	6	266	5	560	15	580	11	282	6
TOTAL	139,265	1,038	20,214	151	21,163	116	20,749	116	21,166	119	24,755	153	18,460	220	12,758	163



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Arizona law requires young children to be restrained when riding in a motor vehicle

A.R.S. Title 28-907 states "...a person shall not operate a motor vehicle on the highways in this state when transporting a child who is under five years of age unless that child is properly secured in a child passenger restraint system."

Table 4 - 1

Child Restraint Usage (less than five years old)

Severity of Injury	Restraint Used	Percent of Restraint Used	No Restraint Used	Percent of No Restraint	Not Reported	Percent of Unknown
No Injury	12,400	89.52%	378	65.40%	404	58.21%
Possible Injury	880	6.35%	63	10.90%	35	5.04%
Injury	403	2.91%	104	17.99%	41	5.91%
Fatality	3	0.02%	3	0.52%	1	0.14%
Unknown	165	1.19%	30	5.19%	213	30.69%
Totals	13,851	100.00%	578	100.00%	694	100.00%

The most dangerous place for a child to travel in a car is in your lap

This is often called the "child crusher position." In a crash of approximately 30 mph, a 10 lb infant will be ripped from a belted adult's arms with a force of almost 200 pounds. If the adult is unbelted, the child is likely to be crushed between the adult's body and the dashboard.

Wearing a seat belt isn't just a good idea; in Arizona it's the law

Table 4 - 2

Driver Restraint Usage

Severity of Injury	Restraint Used	Percent of Restraint Used	No Restraint Used	Percent of No Restraint	Not Reported	Percent of Unknown
No Injury	184,840	82.20%	4,301	49.60%	11,982	34.98%
Possible Injury	22,528	10.02%	1,012	11.67%	1,819	5.31%
Injury	14,877	6.62%	2,585	29.81%	2,613	7.63%
Fatality	236	0.10%	279	3.22%	137	0.40%
Unknown	2,385	1.06%	494	5.70%	17,707	51.69%
Totals	224,866	100.00%	8,671	100.00%	34,258	100.00%

Section 4: - Safety Devices

Table 4 - 3

Front-Seat Passenger Restraint Usage						
Severity of Injury	Restraint Used	Percent of Restraint Used	No Restraint Used	Percent of No Restraint	Not Reported	Percent of Unknown
No Injury	47,413	80.76%	1,653	51.92%	1,926	62.76%
Possible Injury	6,499	11.07%	471	14.79%	351	11.44%
Injury	4,349	7.41%	977	30.68%	539	17.56%
Fatality	63	0.11%	63	1.98%	28	0.91%
Unknown	388	0.66%	20	0.63%	225	7.33%
Totals	58,712	100.00%	3,184	100.00%	3,069	100.00%

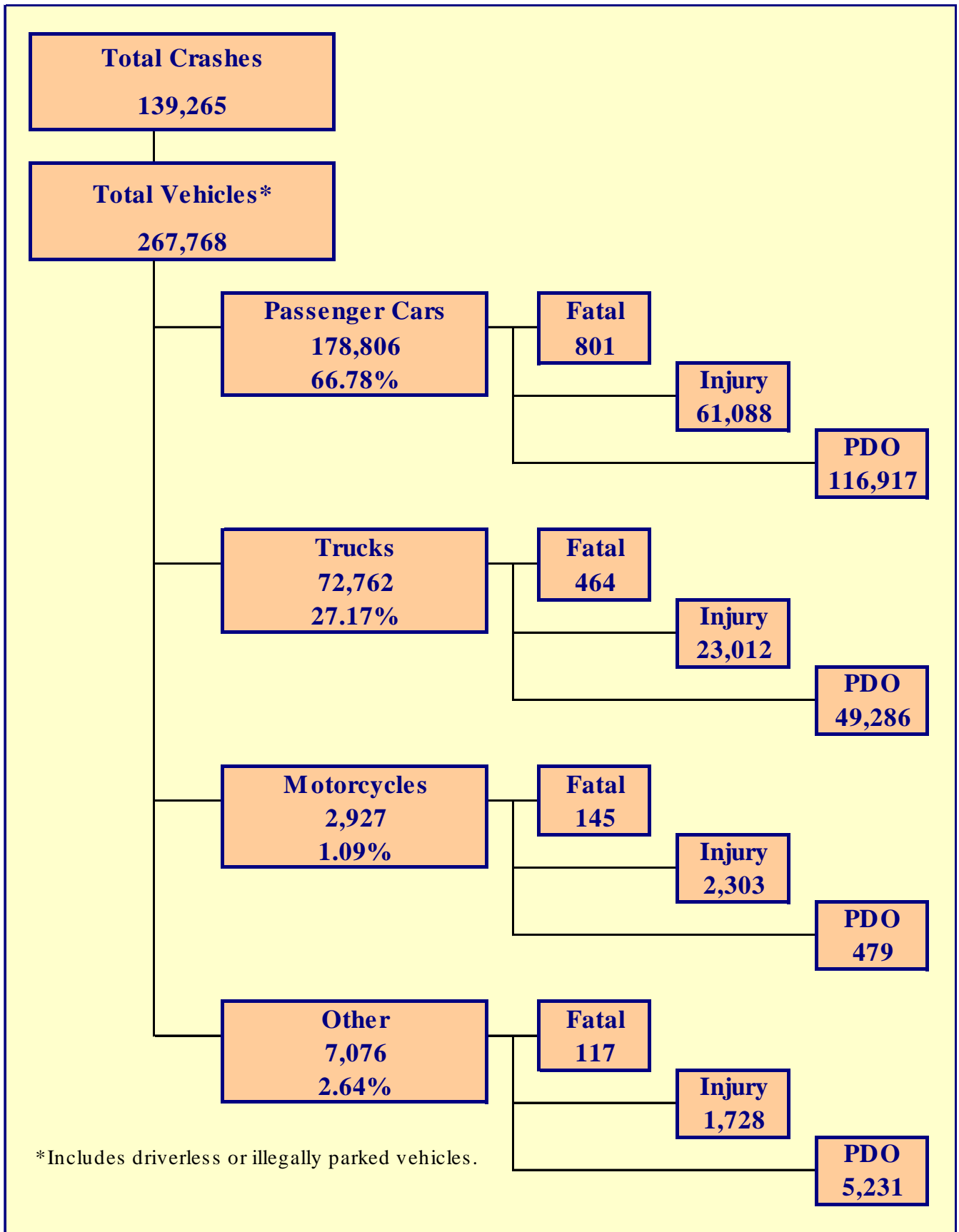
Safety belts used in conjunction with airbags are the most effective protection in vehicle crashes

Source: <http://www.nsc.org/nsm/safetybeltrisktip.htm>

Table 4 - 4

Rear-Seat Passenger Restraint Usage						
Severity of Injury	Restraint Used	Percent of Restraint Used	No Restraint Used	Percent of No Restraint	Not Reported	Percent of Unknown
No Injury	25,497	85.56%	1,795	64.20%	1,356	73.58%
Possible Injury	2,550	8.56%	355	12.70%	155	8.41%
Injury	1,524	5.11%	580	20.74%	221	11.99%
Fatality	14	0.05%	54	1.93%	15	0.81%
Unknown	215	0.72%	12	0.43%	96	5.21%
Totals	29,800	100.00%	2,796	100.00%	1,843	100.00%

Section 5 ♦ Motor Vehicle and Driver Descriptions



Section 5: – Motor Vehicle and Driver Descriptions

Table 5 - 1

Arizona Motor Vehicle Registrations	
Privately Owned Vehicles	3,991,992
Commercial Vehicles	444,408
Buses and Taxis	3,767
Motorcycles*	115,867
Mopeds	414
Total	4,556,448

Source: MV988 MV630419, Currently Registered Vehicles by County Listing, dated 12/31/2005.

Table 5 - 2

Motor Vehicle Crash Involvement by Vehicle Type

Motor Vehicle Type	Vehicle Counts				
	Total	Percent	Fatal	Injury	PDO
Passenger Car (Includes cars with trailer)	178,806	66.78%	801	61,088	116,917
Pickup Truck (Incl. Panel & Mini Bus)	68,044	25.41%	423	21,770	45,851
Pickup Truck With Camper	92	0.03%	6	23	63
Other Vehicle With Camper	6	0.00%	0	2	4
Truck or Truck Tractor (Excl. P/U)	266	0.10%	2	61	203
Truck Tractor and Semi-Trailer	4,418	1.65%	81	1,062	3,275
Other Truck Combination	4,626	1.73%	35	1,219	3,372
Farm Tractor and/or Farm Equipment	36	0.01%	2	10	24
Taxicab	62	0.02%	0	23	39
Bus	881	0.33%	8	204	669
School Bus	550	0.21%	1	111	438
Motorcycle (two or three wheel)	2,927	1.09%	145	2,303	479
Motorscooter or Motor Bicycle	31	0.01%	2	25	4
Moped	12	0.00%	1	11	0
Recreational Vehicle	26	0.01%	0	5	21
Motor Home or House Car	310	0.12%	4	58	248
Vehicle With Special Controls (Dual, Etc.)	0	0.00%	0	0	0
Emergency Veh. (Inc. Privately Owned)	179	0.07%	8	56	115
Military	2	0.00%	0	1	1
Other Types Of Vehicles	297	0.11%	8	99	190
Vehicle Type Not Reported	6,197	2.31%	89	1,193	4,915
TOTAL	267,768	100.00%	1,616	89,324	176,828

Section 5: – Motor Vehicle and Driver Descriptions

Table 5 - 3

Hit and Run Drivers						
Hit and Run	Total	Incident Counts			Person Counts	
		Fatal	Injury	PDO	Killed	Injured
Yes	16,723	54	3,717	12,952	54	5,182
No	122,542	984	41,644	79,914	1,125	65,111
TOTAL	139,265	1,038	45,361	92,866	1,179	70,293

Table 5 - 4

Gender of Drivers Involved in Crashes						
Gender of Driver	Driver Counts					
	Total	Percent	Fatal	Percent	Injury	Percent
Male	151,082	56.42%	1,138	70.42%	50,158	56.15%
Female	102,395	38.24%	388	24.01%	36,725	41.11%
Not Reported	14,291	5.34%	90	5.57%	2,441	2.73%
TOTAL	267,768	100.00%	1,616	100.00%	89,324	100.00%

Table 5 - 5

Residence of Drivers Involved in Crashes								
Residence of Driver	Total	Percent	Fatal	Percent	Injury	Percent	PDO	Percent
Arizona	208,403	77.83%	1,115	69.00%	71,353	79.88%	135,935	76.87%
Non-Resident	59,336	22.16%	501	31.00%	17,960	20.11%	40,875	23.12%
Not Reported	29	0.01%	0	0.00%	11	0.01%	18	0.01%
TOTAL	267,768	100.00%	1,616	100.00%	89,324	100.00%	176,828	100.00%

Section 5: – Motor Vehicle and Driver Descriptions

Table 5 - 6

Drivers and Occupants Killed and Injured by Vehicle Type

Motor Vehicle Type	Drivers		Occupants	
	Killed	Injured	Killed	Injured
Passenger Car (Includes cars with trailer)	320	32,975	174	16,012
Pickup Truck (Incl. Panel & Mini Bus)	138	9,281	101	4,793
Pickup Truck With Camper	3	13	1	13
Other Vehicle With Camper	0	2	0	0
Truck or Truck Tractor (Excl. P/U)	0	10	0	2
Truck Tractor and Semi-Trailer	11	241	1	75
Other Truck Combination	4	303	0	113
Farm Tractor and/or Farm Equipment	2	4	0	0
Taxicab	0	8	0	6
Bus	0	39	2	157
School Bus	0	15	0	103
Motorcycle (two or three wheel)	127	2,230	19	230
Motorscooter or Motor Bicycle	2	24	0	2
Moped	1	11	0	1
Recreational Vehicle	0	3	0	0
Motor Home or House Car	0	15	1	24
Vehicle With Special Controls (Dual, Etc.)	0	0	0	0
Emergency Veh. (Inc. Privately Owned)	0	38	0	26
Military	0	1	0	0
Other Types Of Vehicles	3	51	0	17
Vehicle Type Not Reported	41	165	29	91
TOTAL	652	45,429	328	21,665

Section 5: – Motor Vehicle and Driver Descriptions

Table 5 - 7

Licensed Drivers in Arizona by Age							
Driver Age Group	Male Number	Percent	Female Number	Percent	Total Number	Percent	Cumulative Percent
16	11,263	0.59%	10,351	0.55%	21,614	0.57%	0.57%
17	19,426	1.00%	18,146	0.93%	37,572	0.96%	1.54%
18	25,191	1.31%	23,150	1.24%	48,341	1.27%	2.81%
19	28,539	1.46%	27,195	1.42%	55,734	1.44%	4.25%
20	30,386	1.50%	29,764	1.47%	60,150	1.49%	5.74%
21	31,206	1.63%	30,631	1.60%	61,837	1.61%	7.35%
22	32,156	1.68%	31,657	1.68%	63,813	1.68%	9.03%
23	34,159	1.74%	33,958	1.76%	68,117	1.75%	10.78%
24	35,002	1.79%	35,508	1.79%	70,510	1.79%	12.57%
25-34	382,322	19.68%	368,081	18.74%	750,403	19.21%	31.78%
35-44	408,675	20.65%	389,059	19.88%	797,734	20.27%	52.05%
45-54	375,105	18.63%	384,892	19.22%	759,997	18.92%	70.97%
55-64	289,419	13.88%	302,146	14.49%	591,565	14.18%	85.15%
65-74	165,808	8.44%	169,208	8.60%	335,016	8.52%	93.67%
75 & Older	115,114	6.02%	125,488	6.64%	240,602	6.33%	100.00%
TOTALS	1,983,771	100.00%	1,979,234	100.00%	3,963,005	100.00%	100.00%

Source: MV650653-1, MV708 dated 01/03/2006, ADOT MVD Drivers Licensing System Point-In-Time Driver Credentials Report, All Driver Licenses by Age, Gender and Class.

Table 5 - 8

Driver Involvement by Age								
Driver Age Group	Total	Percent	Fatal	Percent	Injury	Percent	PDO	Percent
15 & Under	822	0.31%	7	0.43%	330	0.37%	485	0.27%
16	5,046	1.88%	13	0.80%	1,631	1.83%	3,402	1.92%
17	6,901	2.58%	32	1.98%	2,281	2.55%	4,588	2.59%
18	8,856	3.31%	39	2.41%	3,031	3.39%	5,786	3.27%
19	8,703	3.25%	56	3.47%	3,028	3.39%	5,619	3.18%
20	8,131	3.04%	66	4.08%	2,714	3.04%	5,351	3.03%
21	7,671	2.86%	33	2.04%	2,720	3.05%	4,918	2.78%
22	7,761	2.90%	64	3.96%	2,723	3.05%	4,974	2.81%
23	7,274	2.72%	38	2.35%	2,458	2.75%	4,778	2.70%
24	6,955	2.60%	57	3.53%	2,330	2.61%	4,568	2.58%
25-34	55,711	20.81%	327	20.24%	19,438	21.76%	35,946	20.33%
35-44	46,071	17.21%	265	16.40%	15,636	17.50%	30,170	17.06%
45-54	36,061	13.47%	229	14.17%	12,380	13.86%	23,452	13.26%
55-64	22,588	8.44%	128	7.92%	7,856	8.79%	14,604	8.26%
65-74	10,982	4.10%	88	5.45%	3,917	4.39%	6,977	3.95%
75 & Older	7,660	2.86%	65	4.02%	2,654	2.97%	4,941	2.79%
Not Reported	20,575	7.68%	109	6.75%	4,197	4.70%	16,269	9.20%
TOTAL	267,768	100.00%	1,616	100.00%	89,324	100.00%	176,828	100.00%

Section 5: – Motor Vehicle and Driver Descriptions

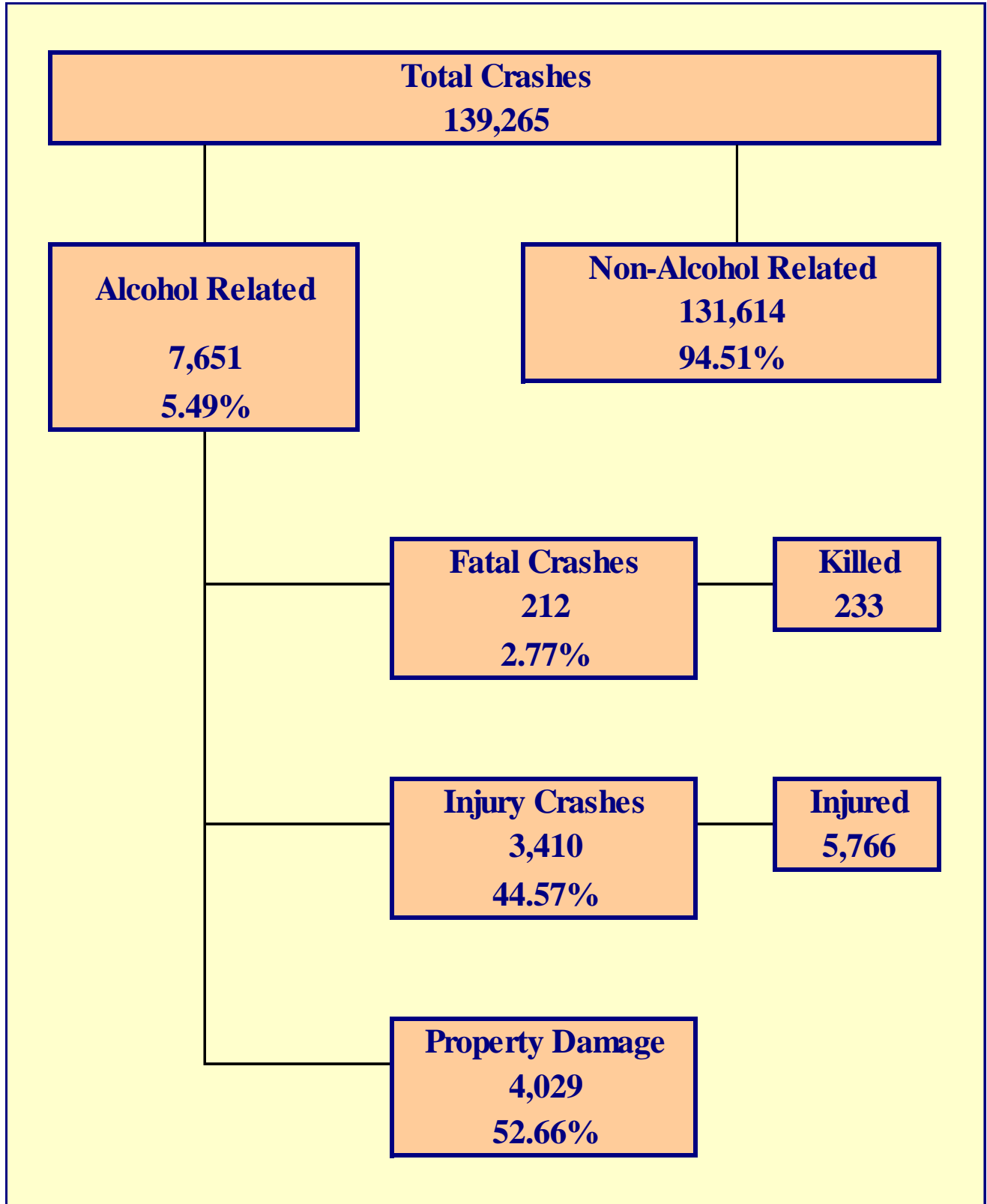
Table 5 - 9

Driver Errors								
Contributing Circumstances	DRIVER COUNTS							
	Total	Percent of Total Drivers	Fatal	Percent of Fatal Drivers	Injury	Percent of Injury Drivers	PDO	Percent of PDO Drivers
No Improper Driving	125,391	46.83%	619	38.30%	43,389	48.57%	81,383	46.02%
Speeding*	48,039	17.94%	349	21.60%	16,486	18.46%	31,204	17.65%
Exceeded Lawful Speed	1,194	0.45%	56	3.47%	555	0.62%	583	0.33%
Failed to Yield Right-Of-Way	27,774	10.37%	117	7.24%	10,841	12.14%	16,816	9.51%
Followed Too Closely	5,092	1.90%	3	0.19%	1,370	1.53%	3,719	2.10%
Ran Stop Sign	1,457	0.54%	19	1.18%	637	0.71%	801	0.45%
Disregarded Traffic Signal	5,666	2.12%	31	1.92%	2,878	3.22%	2,757	1.56%
Improper Turn	4,329	1.62%	12	0.74%	970	1.09%	3,347	1.89%
Drove in Opposing Traffic Lane	1,557	0.58%	80	4.95%	633	0.71%	844	0.48%
Operated with Faulty Equipment	288	0.11%	3	0.19%	81	0.09%	204	0.12%
Required Motorcycle Safety Equipment	18	0.01%	0	0.00%	17	0.02%	1	0.00%
Pass in No-Passing Zone	151	0.06%	0	0.00%	45	0.05%	106	0.06%
Unsafe Lane Change	7,304	2.73%	11	0.68%	1,175	1.32%	6,118	3.46%
Other Unsafe Passing	1,017	0.38%	8	0.50%	174	0.19%	835	0.47%
Inattention	14,639	5.47%	40	2.48%	3,966	4.44%	10,633	6.01%
Other	8,556	3.20%	78	4.83%	2,223	2.49%	6,255	3.54%
Unknown	15,287	5.71%	190	11.76%	3,884	4.35%	11,213	6.34%
Not Reported	9	0.00%	0	0.00%	0	0.00%	9	0.01%
TOTAL	267,768	100.0%	1,616	100.0%	89,324	100.0%	176,828	100.0%

Table 5 - 10

Driver Physical Condition

Driver Condition	Total Drivers	Percent of Total Drivers	Fatal Drivers	Percent of Fatal Drivers	Injury Drivers	Percent of Injury Drivers	PDO Drivers	Percent of PDO Drivers
No Apparent Influence	229,462	85.69%	896	55.45%	77,381	86.63%	151,185	85.50%
Had Been Drinking	7,750	2.89%	217	13.43%	3,458	3.87%	4,075	2.30%
Appeared to be Under Influence of Drug	392	0.15%	27	1.67%	194	0.22%	171	0.10%
Ill-Ability Influenced	385	0.14%	4	0.25%	227	0.25%	154	0.09%
Sleepy-Fatigued	1,584	0.59%	36	2.23%	707	0.79%	841	0.48%
Physical Impairment	260	0.10%	4	0.25%	128	0.14%	128	0.07%
Prescription Drugs	312	0.12%	2	0.12%	120	0.13%	190	0.11%
Other	2,223	0.83%	16	0.99%	706	0.79%	1,501	0.85%
Unknown	23,890	8.92%	404	25.00%	6,014	6.73%	17,472	9.88%
Not Reported	1,510	0.56%	10	0.62%	389	0.44%	1,111	0.63%
TOTAL	267,768	100.00%	1,616	100.00%	89,324	100.00%	176,828	100.00%



Section 6: - Alcohol Related Crashes

The statistics in the Alcohol-Related section represent those crashes where the investigating officer indicated that a driver had been drinking an alcoholic beverage and may or may not be substantiated by a blood or breath test. No assumption is to be made that the person was legally intoxicated (blood alcohol content of 0.08% or higher) at the time the crash took place.

Economic Loss Due to Alcohol-Related Crashes in Arizona for 2005

Fatalities	\$268,555,800
Incapacitating Injuries	58,774,950
Non-Incapacitating Injury	45,920,196
Possible Injury	26,182,686
Property Damage	30,410,892
Total	\$429,844,524

Table 6 - 1

2001 to 2005 - Alcohol-Related Crashes				
Year	Alcohol-Related Crashes	Percent of all Crashes	Victims Killed	Percent of all Fatalities
2001	8,095	6.15%	258	24.64%
2002	8,100	6.03%	274	28.13%
2003	7,800	5.96%	298	26.65%
2004	8,005	5.78%	256	25.86%
2005	7,651	5.49%	233	22.45%

Section 6: - Alcohol Related Crashes

Table 6 - 2

Manner of Collision in Alcohol-Related Crashes								
Manner of Collision	Total	Percent of All Crashes	Fatal	Percent of Fatal Crashes	Injury	Percent of Injury Crashes	PDO	Percent of PDO Crashes
Not Reported	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Sideswipe (same)	492	10.88%	3	3.53%	140	6.69%	349	14.89%
Sideswipe (opposite)	144	3.18%	2	2.35%	56	2.67%	86	3.67%
Angle	861	19.04%	20	23.53%	460	21.97%	381	16.25%
Left Turn	493	10.90%	8	9.41%	295	14.09%	190	8.11%
Rear-End	1,970	43.56%	19	22.35%	899	42.93%	1,052	44.88%
Head-On	218	4.82%	23	27.06%	131	6.26%	64	2.73%
Backing	86	1.90%	0	0.00%	6	0.29%	80	3.41%
Other	205	4.53%	7	8.24%	79	3.77%	119	5.08%
Driveway/Alley Related	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Non-Contact (mc)	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Non-Contact (not mc)	6	0.13%	2	2.35%	4	0.19%	0	0.00%
U-Turn	48	1.06%	1	1.18%	24	1.15%	23	0.98%
TOTAL	4,523	100%	85	100%	2,094	100%	2,344	100%

Table 6 - 3

Alcohol-Related Crashes by First Harmful Event						
Statewide	Number of Crashes				Number of Persons	
	Total	Fatal	Injury	PDO	Killed	Injured
Overturning	400	56	249	95	62	408
Collision with other MV	4,157	74	1,980	2,103	84	3,794
Collision with Pedestrian	57	14	43	0	14	59
Collision with Pedalcyclist	23	1	17	5	1	19
Collision with MV other Rdway	3	0	0	3	0	0
Animal	13	1	1	11	1	1
Fixed Object	2,347	46	910	1,391	50	1,222
Object in Roadway	0	0	0	0	0	0
Other	471	17	121	333	18	161
Miscellaneous	180	3	89	88	3	102
Not Reported	0	0	0	0	0	0
Total	7,651	212	3,410	4,029	233	5,766

Section 6: - Alcohol Related Crashes

Table 6 - 4

Alcohol-Related Crashes by Vehicle Type					
Motor Vehicle Type	Vehicle Counts				
	Total	Percent	Fatal	Injury	PDO
Passenger Car (Includes cars with trailer)	5,338	68.88%	111	2,345	2,882
Pickup Truck (Incl. Panel & Mini Bus)	2,132	27.51%	72	927	1,133
Pickup Truck With Camper	5	0.06%	3	1	1
Other Vehicle With Camper	0	0.00%	0	0	0
Truck or Truck Tractor (Excl. P/U)	0	0.00%	0	0	0
Truck Tractor and Semi-Trailer	8	0.10%	0	3	5
Other Truck Combination	20	0.26%	0	9	11
Farm Tractor and/or Farm Equipment	0	0.00%	0	0	0
Taxicab	0	0.00%	0	0	0
Bus	2	0.03%	0	1	1
School Bus	1	0.01%	0	0	1
Motorcycle (two or three wheel)	169	2.18%	19	141	9
Motorscooter or Motor Bicycle	1	0.01%	1	0	0
Moped	1	0.01%	0	1	0
Recreational Vehicle	0	0.00%	0	0	0
Motor Home or House Car	6	0.08%	0	2	4
Vehicle With Special Controls (Dual, Etc.)	0	0.00%	0	0	0
Emergency Veh. (Inc. Privately Owned)	2	0.03%	1	0	1
Military	0	0.00%	0	0	0
Other Types Of Vehicles	5	0.06%	0	4	1
Vehicle Type Not Reported	60	0.77%	10	24	26
TOTAL	7,750	100.00%	217	3,458	4,075

Table 6 - 5

Light Conditions - Alcohol-Related Crashes						
Lighting Conditions	Total	Incident Counts			Person Counts	
		Fatal	Injury	PDO	Killed	Injured
Not Reported	13	1	4	8	1	5
Daylight	2,115	63	968	1,084	68	1,738
Dawn or Dusk	365	15	167	183	17	308
Darkness	5,158	133	2,271	2,754	147	3,715
TOTAL	7,651	212	3,410	4,029	233	5,766

Section 6: - Alcohol Related Crashes

Table 6 - 6

Road Surface Conditions - Alcohol-Related Crashes

Road Surface Conditions	Total	Incident Counts			Person Counts	
		Fatal	Injury	PDO	Killed	Injured
Dry	6,935	183	3,122	3,630	200	5,301
Wet	497	4	209	284	4	325
Not Reported, No Unusual Condition	136	22	46	68	26	83
Sand, Mud, Dirt, Oil or Gravel	60	2	26	32	2	46
Snow	9	0	2	7	0	2
Slush	1	0	1	0	0	1
Ice	4	0	2	2	0	4
Other	4	0	1	3	0	3
Unknown	5	1	1	3	1	1
TOTAL	7,651	212	3,410	4,029	233	5,766

Table 6 - 7

Age of Driver - Alcohol-Related Crashes

Driver Age Group	Total	Percent	Fatal	Percent	Injury	Percent	PDO	Percent
15 and Under	20	0.26%	1	0.46%	12	0.35%	7	0.17%
16	49	0.63%	3	1.38%	19	0.55%	27	0.66%
17	125	1.61%	0	0.00%	62	1.79%	63	1.55%
18	213	2.75%	4	1.84%	109	3.15%	100	2.45%
19	284	3.66%	12	5.53%	127	3.67%	145	3.56%
20	297	3.83%	11	5.07%	125	3.61%	161	3.95%
21	455	5.87%	11	5.07%	200	5.78%	244	5.99%
22	378	4.88%	8	3.69%	158	4.57%	212	5.20%
23	362	4.67%	9	4.15%	164	4.74%	189	4.64%
24	311	4.01%	10	4.61%	147	4.25%	154	3.78%
25-34	2,219	28.63%	66	30.41%	1,011	29.24%	1,142	28.02%
35-44	1,407	18.15%	38	17.51%	630	18.22%	739	18.13%
45-54	922	11.90%	24	11.06%	400	11.57%	498	12.22%
55-64	349	4.50%	7	3.23%	156	4.51%	186	4.56%
65-74	122	1.57%	4	1.84%	51	1.47%	67	1.64%
75 and Older	56	0.72%	2	0.92%	26	0.75%	28	0.69%
Not Stated	181	2.34%	7	3.23%	61	1.76%	113	2.77%
TOTAL	7,750	100.00%	217	100.00%	3,458	100.00%	4,075	100.00%

Section 6: - Alcohol Related Crashes

Table 6 - 8

Driver Gender - Alcohol-Related Crashes								
Driver Gender	Total	Percent	Driver Counts					
			In Fatal Incidents	Percent	In Injury Incidents	Percent	In PDO Incidents	Percent
MALE	6,171	79.63%	186	85.71%	2,789	80.65%	3,196	78.43%
FEMALE	1,487	19.19%	29	13.36%	648	18.74%	810	19.88%
NOT STATED	92	1.19%	2	0.92%	21	0.61%	69	1.69%
TOTAL	7,750	100.00%	217	100.00%	3,458	100.00%	4,075	100.00%

In total crashes across the state, 56.42% of the drivers were males. When alcohol was involved, males accounted for 79.63% of the drivers.

Table 6 - 9

Safety Restraints - Drinking Drivers										
Injury	Not Reported	None Used	Lap Belt	Lap & Shoulder	Passive Belt	Passive & Lap	Airbag Deployed	Child Restraint	Protective Helmet	Other
Fatal	20	88	0	14	0	0	0	0	1	0
Incapacitating	143	220	5	110	1	1	0	0	6	1
No Injury	1,568	546	25	3,169	7	10	0	0	1	3
Non-Incapacitating Injury	300	327	12	499	0	4	0	0	9	3
Not Reported	0	0	0	0	0	0	0	0	0	0
Possible Injury	213	134	2	404	1	1	0	0	4	2
Unknown	203	14	0	53	0	0	0	0	0	1
All	2,447	1,329	44	4,249	9	16	0	0	21	10

Section 6: - Alcohol Related Crashes

Table 6 - 10

Persons Killed and Injured in Alcohol-Related Crashes

Victims Age	Person Killed			Person Injured			
	Total	Male	Female	Total	Male	Female	Unknown
0--4	0	0	0	103	59	43	1
05--09	3	1	2	126	69	57	0
10--14	3	3	0	127	45	82	0
15--19	15	11	4	693	436	255	2
20--24	37	28	9	1,238	864	374	0
25--34	68	57	11	1,414	967	445	2
35--44	47	37	10	896	534	361	1
45--54	32	25	7	591	347	244	0
55--64	12	9	3	284	178	106	0
65--74	7	4	3	130	73	57	0
75 OR>	9	7	2	110	82	24	4
OTHER	0	0	0	54	29	23	2
TOTAL	233	182	51	5,766	3,683	2,071	12

Table 6 - 11

When Alcohol-Related Crashes Occurred in 2005

	Total	Weekday	Weekend*
Daytime**	1,991	1,167	824
Nighttime	5660	2,181	3,479
Total	7,651	3,348	4,303

*Weekend begins at 6:00 p.m. on Friday and continues through 6:00 a.m. Monday .
All other times and days are considered Weekdays.

**Daytime refers to the hours between 6:00 a.m. and 6:00 p.m.

Section 6: - Alcohol Related Crashes

Chart 6 - 1

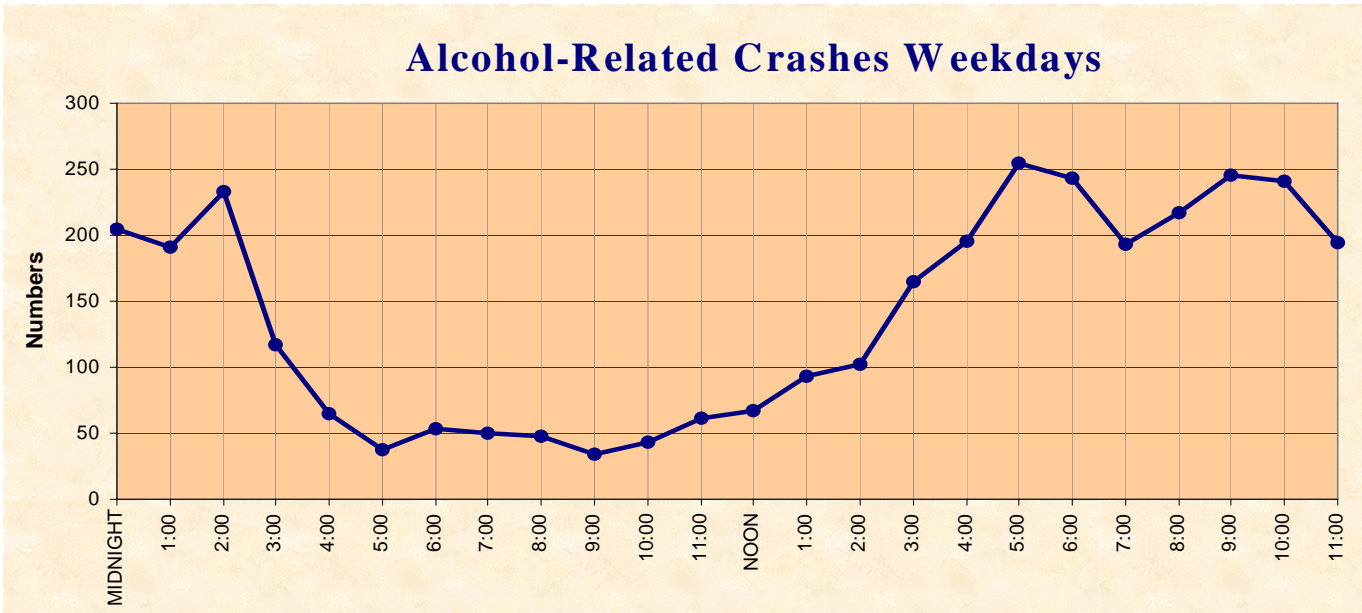
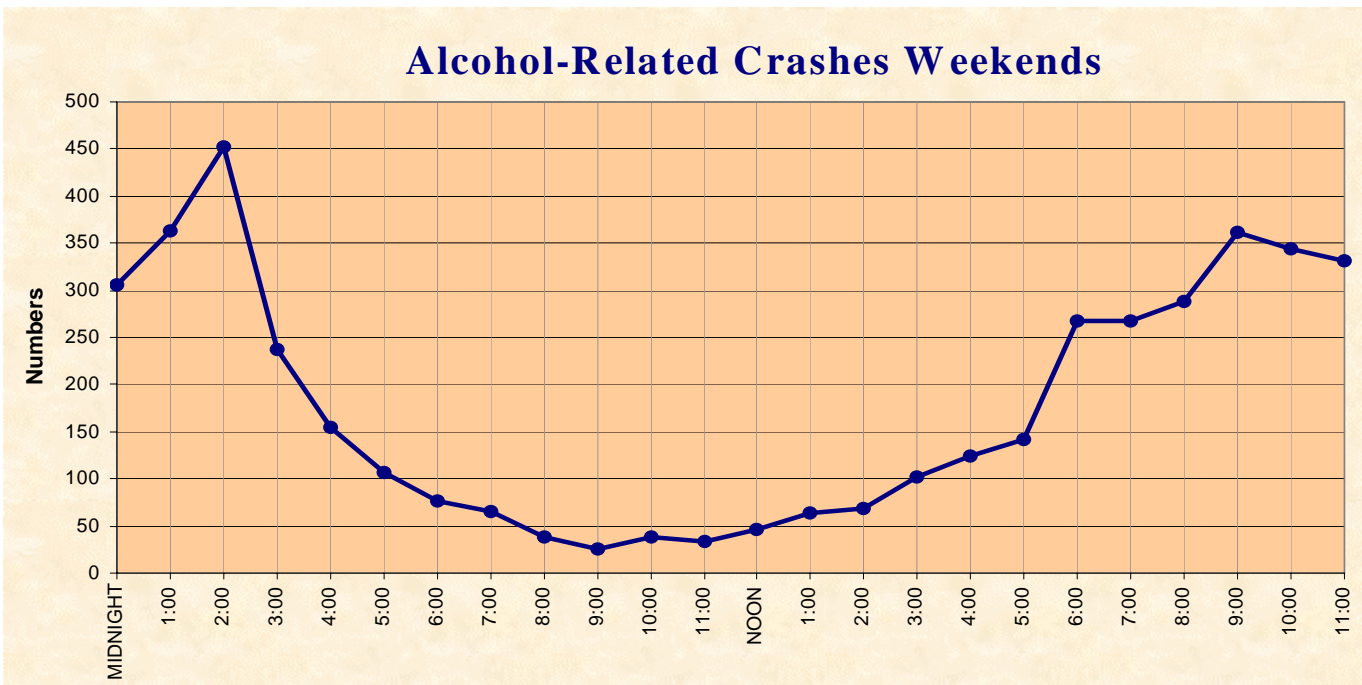


Chart 6 - 2



Section 6: - Alcohol Related Crashes

Chart 6 - 3

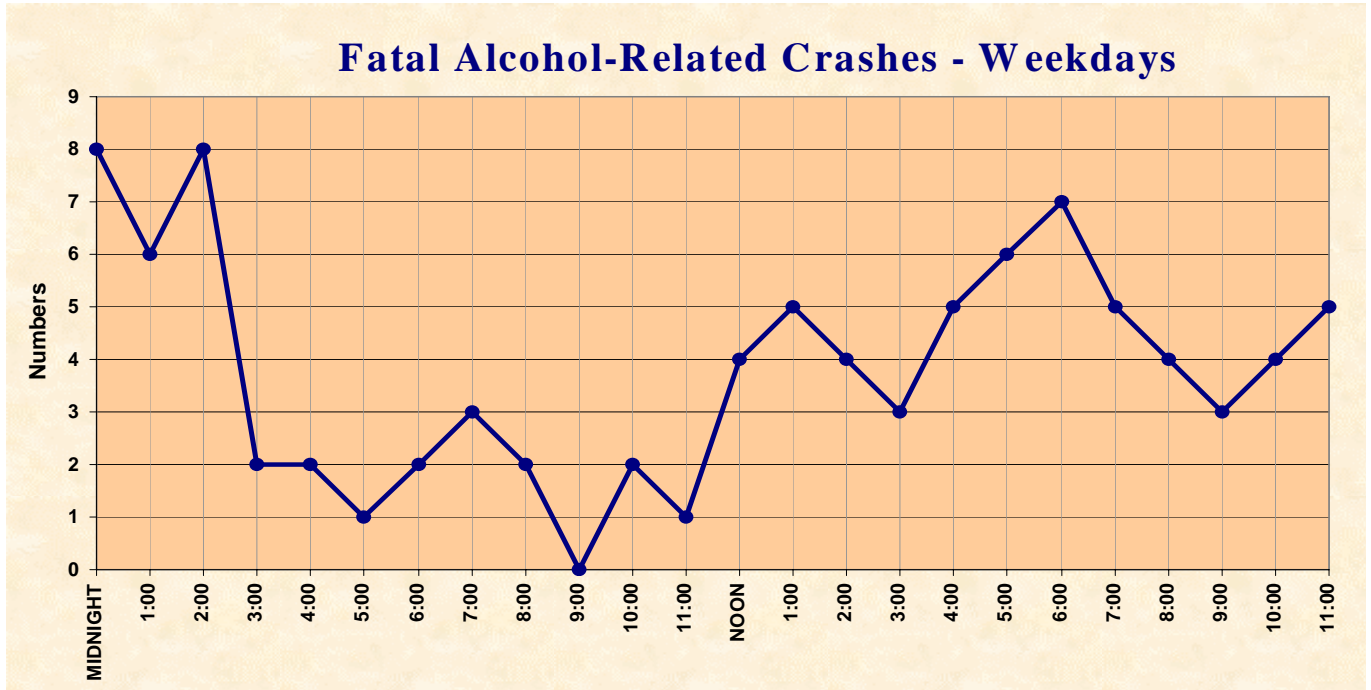
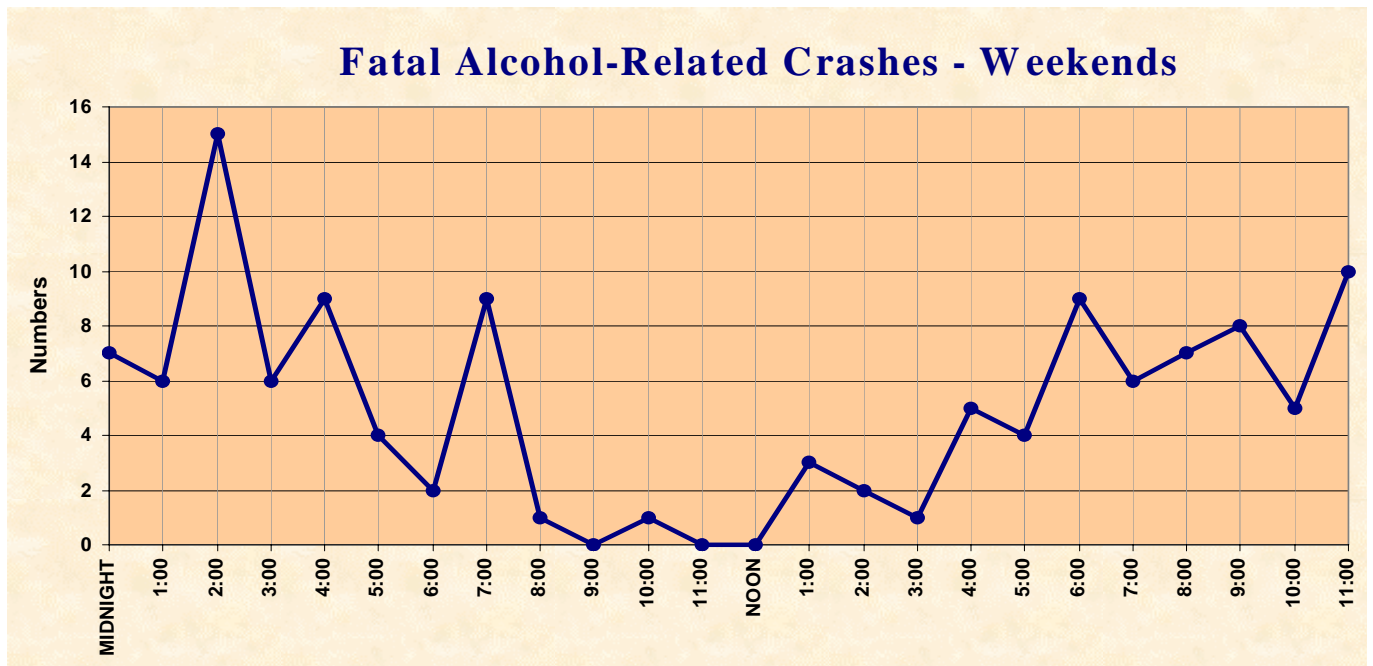


Chart 6 - 4



Section 6: - Alcohol Related Crashes

Table 6 - 12

Alcohol-Related Crashes																
Injury Severity by Hour and Day of Week																
Hour Beginning	Total Crashes		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal
MIDNIGHT	509	15	39	2	32	2	47	0	52	5	73	1	138	2	128	3
1:00	554	12	51	0	36	3	38	2	43	0	74	1	158	5	154	1
2:00	685	23	44	0	41	1	39	3	65	3	88	1	223	7	185	8
3:00	355	8	17	0	21	0	19	1	28	0	49	1	120	5	101	1
4:00	220	11	18	2	11	1	15	0	19	1	20	0	68	2	69	5
5:00	144	5	13	0	7	0	9	0	8	1	13	0	39	1	55	3
6:00	129	4	17	1	13	1	9	0	8	0	6	0	37	1	39	1
7:00	115	12	12	1	9	1	7	1	9	0	13	0	35	8	30	1
8:00	87	3	16	1	12	0	4	0	5	1	11	0	21	0	18	1
9:00	60	0	12	0	4	0	5	0	4	0	9	0	17	0	9	0
10:00	81	3	9	1	7	0	8	0	10	1	9	0	25	0	13	1
11:00	94	1	9	0	11	0	18	0	11	1	12	0	21	0	12	0
NOON	113	4	13	1	15	2	18	1	11	0	10	0	27	0	19	0
1:00	157	8	12	1	19	1	20	1	22	1	20	1	41	1	23	2
2:00	171	6	21	2	13	0	20	1	18	0	30	1	38	1	31	1
3:00	267	4	30	0	29	1	35	0	39	1	32	1	50	1	52	0
4:00	321	10	38	1	36	1	28	2	37	1	57	0	69	3	56	2
5:00	396	10	39	1	43	1	50	2	53	0	70	2	66	2	75	2
6:00	510	16	67	1	46	3	60	2	70	1	96	2	77	2	94	5
7:00	461	11	53	2	44	2	44	0	52	1	85	0	108	4	75	2
8:00	505	11	57	3	51	1	45	0	64	0	107	2	99	3	82	2
9:00	607	11	52	3	59	0	67	0	68	0	143	5	135	3	83	0
10:00	585	9	61	1	54	0	62	2	64	1	156	3	128	1	60	1
11:00	525	15	33	0	43	2	53	2	65	1	131	4	138	4	62	2
TOTAL	7,651	212	733	24	656	23	720	20	825	20	1,314	25	1,878	56	1,525	44

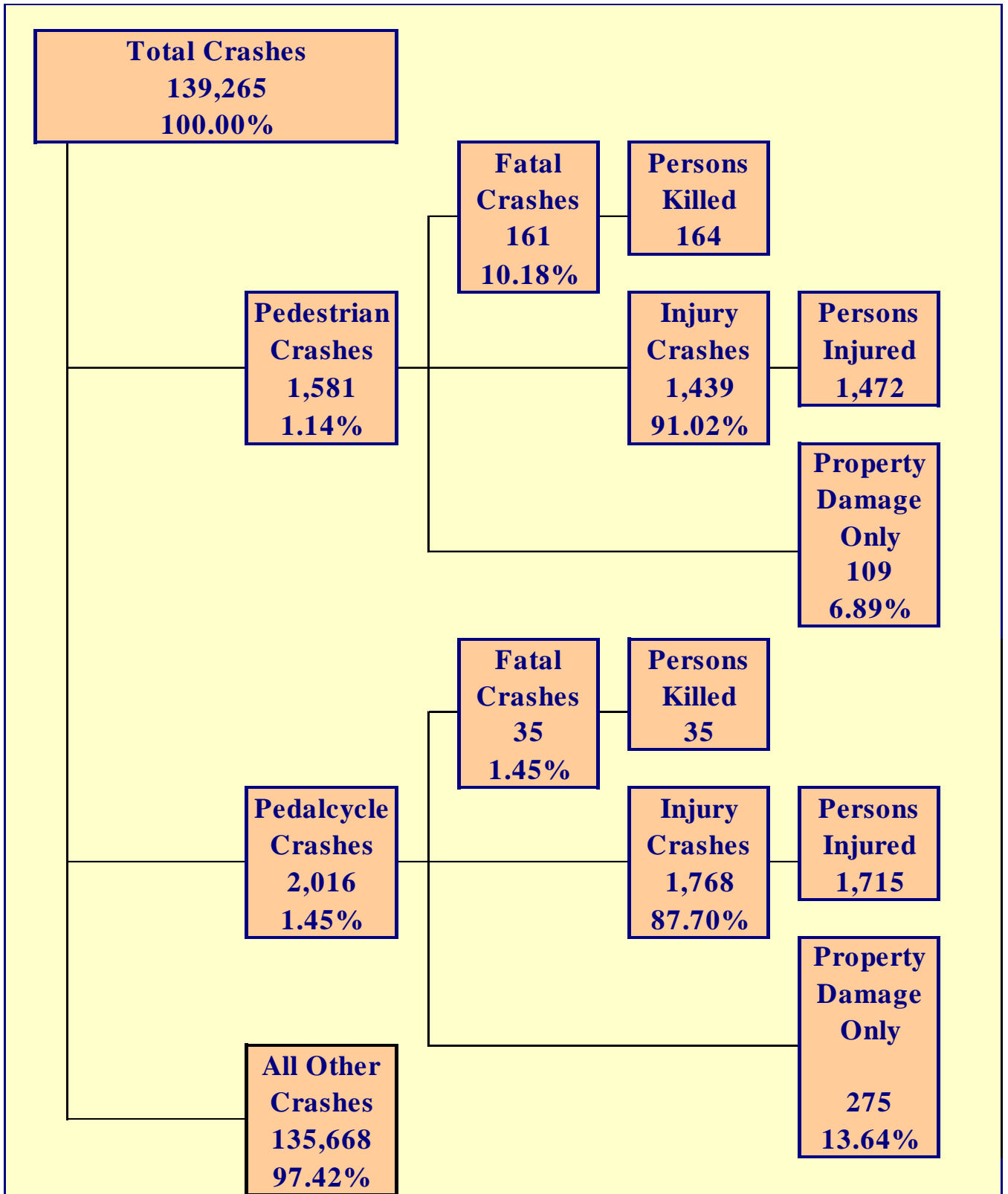


Table 7 - 1

Pedestrians By Age and Gender								
Age Group	Victims Of Motor Vehicle Crashes							
	Persons Killed				Persons Injured			
	Total Killed	Male	Female	Sex Unk.	Total Injured	Male	Female	Sex Unk.
0--4	4	1	3	0	37	25	12	0
05--09	3	2	1	0	94	56	38	0
10--14	2	0	2	0	122	73	49	0
15--19	9	7	2	0	211	121	89	1
20--24	11	11	0	0	153	95	58	0
25--34	24	20	4	0	193	136	57	0
35--44	31	25	6	0	208	134	74	0
45--54	31	24	7	0	186	113	73	0
55--64	21	20	1	0	100	63	37	0
65--74	15	12	3	0	37	22	15	0
75 & Older	10	6	4	0	50	32	18	0
OTHER	3	2	1	0	81	56	21	4
TOTAL	164	130	34	0	1,472	926	541	5

Table 7 - 2

Pedestrian Information			
Statewide	Total	Urban	Rural
Number of Crashes	1,581	1,417	164
Persons Killed	161	116	45
Persons Injured	1,439	1,314	125
Property Damage Only	109	98	11

Table 7 - 3

Pedestrian Crash History		
Number of Pedestrians		
Year	Fatal	Injury
2001	166	1,509
2002	158	1,481
2003	126	1,528
2004	135	1,570
2005	164	1,472

Table 7 - 4

Pedestrians Killed

Pedestrian Action	Total	0--4	5--9	10--14	15--19	20--24	25--44	44--64	65 & Older	Not Reported
Crossing Road	99	1	3	1	2	7	28	38	19	0
Walking With Traffic	7	0	0	0	2	0	2	2	1	0
Walking Against Traffic	5	0	0	0	0	1	1	2	1	0
Standing	8	1	0	1	0	1	1	3	1	0
Lying	5	0	0	0	0	0	3	0	2	0
Getting on/off Vehicle	0	0	0	0	0	0	0	0	0	0
Working on/pushing Veh	6	0	0	0	2	0	3	0	1	0
Working on Road	0	0	0	0	0	0	0	0	0	0
Other	13	1	0	0	1	1	5	4	1	0
Unknown	21	1	0	0	2	1	12	3	2	0
Not Reported	0	0	0	0	0	0	0	0	0	0
TOTAL	164	4	3	2	9	11	55	52	28	0

Table 7 - 5

Pedestrians Injured

Pedestrian Action	Total	0--4	5--9	10--14	15--19	20--24	25--44	44--64	65 & Older	Not Reported
Crossing Road	824	22	68	75	121	86	213	149	89	1
Walking With Traffic	61	0	1	4	9	5	19	15	8	0
Walking Against Traffic	87	3	1	9	13	8	29	17	7	0
Standing	99	0	0	2	13	13	33	26	12	0
Lying	9	0	0	0	1	0	4	3	1	0
Getting on/off Vehicle	17	1	2	1	3	0	4	6	0	0
Working on/pushing Veh	17	0	0	0	4	1	8	2	2	0
Working on Road	5	1	0	0	1	1	2	0	0	0
Other	227	7	15	17	36	28	61	42	21	0
Unknown	126	3	7	14	10	11	28	26	27	0
Not Reported	0	0	0	0	0	0	0	0	0	0
TOTAL	1,472	37	94	122	211	153	401	286	167	1

Table 7 - 6

Pedestrian Physical Condition

Physical Condition	Total	Percent of Total Peds	Fatal	Percent of Fatal Peds	Injury	Percent of Injury Peds	PDO	Percent of PDO Peds	All Others	Percent of All Others
No Apparent Influence	1,093	62.31%	44	26.83%	975	66.24%	66	72.53%	8	29.63%
Had Been Drinking	233	13.28%	40	24.39%	190	12.91%	3	3.30%	0	0.00%
Appeared To Be Under The Influence	8	0.46%	1	0.61%	7	0.48%	0	0.00%	0	0.00%
Ill-Ability Influenced	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Sleepy-Fatigued	1	0.06%	0	0.00%	1	0.07%	0	0.00%	0	0.00%
Physical Impairment	14	0.80%	1	0.61%	12	0.82%	0	0.00%	1	3.70%
Prescription Drugs	3	0.17%	0	0.00%	3	0.20%	0	0.00%	0	0.00%
Other	30	1.71%	3	1.83%	25	1.70%	1	1.10%	1	3.70%
Unknown	313	17.84%	69	42.07%	215	14.61%	14	15.38%	15	55.56%
Not Reported	59	3.36%	6	3.66%	44	2.99%	7	7.69%	2	7.41%
TOTAL	1,754	100%	164	100%	1,472	100%	91	100%	27	100%

Table 7 - 7

Lighting Conditions - Pedestrian Crashes

Lighting Conditions	Total	Incident Counts		
		Fatal	Injury	PDO
Not Reported	5	0	5	0
Daylight	904	34	812	58
Dawn or Dusk	110	9	96	5
Darkness	633	118	483	32
TOTAL	1,652	161	1,396	95

Table 7 - 8

Weather Conditions - Pedestrian Crashes

Weather Conditions	Total	Number of Crashes		
		Fatal	Injury	PDO
Clear	1,386	118	1,186	82
Cloudy	179	26	143	10
Sleet/Hail	3	1	2	0
Rain	63	3	57	3
Snow	4	2	2	0
Severe Crosswinds	0	0	0	0
Blowing Sand, Soil, Dirt, Snow	0	0	0	0
Fog, Smog, Smoke	1	0	1	0
Not Reported	16	11	5	0
TOTAL	1,652	161	1,396	95

Table 7 - 9

Pedalcyclists by Age and Gender								
Age Group	Victims Of Motor Vehicle Crashes							
	Persons Killed				Persons Injured			
	Total	Male	Female	Nostat	Total	Male	Female	Nostat
0--4	1	1	0	0	1	1	0	0
05--09	1	1	0	0	69	56	13	0
10--14	1	1	0	0	289	245	44	0
15--19	1	1	0	0	248	189	59	0
20--24	4	4	0	0	181	126	54	1
25--34	2	2	0	0	228	161	66	1
35--44	6	5	1	0	263	201	62	0
45--54	12	11	1	0	226	185	41	0
55--64	3	3	0	0	93	78	15	0
65--74	0	0	0	0	42	40	2	0
75 & Older	3	2	0	1	19	18	1	0
Not Reported	1	1	0	0	56	45	9	2
TOTAL	35	32	2	1	1,715	1,345	366	4

Table 7 - 10

Pedalcycle Information			
Statewide	Total	Urban	Rural
Number of Crashes	2,016	1,857	159
Persons Killed	35	29	6
Persons Injured	1,768	1,629	139
Property Damage Only	275	253	22

Table 7 - 11

Pedalcycle Crash History		
Number of Pedalcyclists		
Year	Total Killed	Total Injured
2001	29	1757
2002	15	1618
2003	15	1617
2004	27	1,705
2005	35	1,715

Table 7 - 12

Lighting Conditions - Pedalcyclist Crashes				
Lighting Conditions	Total	Incident Counts		
		Fatal	Injury	PDO
Daylight	1,562	20	1,329	213
Dawn or Dusk	138	2	119	17
Darkness	331	13	270	48
Not Reported	2	0	2	0
TOTAL	2,033	35	1,720	278

Table 7 - 13

Weather Conditions - Pedalcyclist Crashes				
Weather Conditions	Total	Number of Crashes		
		Fatal	Injury	PDO
Clear	1,787	30	1,518	239
Cloudy	196	5	159	32
Sleet/Hail	3	0	2	1
Rain	40	0	34	6
Snow	3	0	3	0
Severe Crosswinds	1	0	1	0
Blowing Sand, Soil, Dirt, Snow	0	0	0	0
Fog, Smog, Smoke	0	0	0	0
Not Reported	3	0	3	0
TOTAL	2,033	35	1,720	278

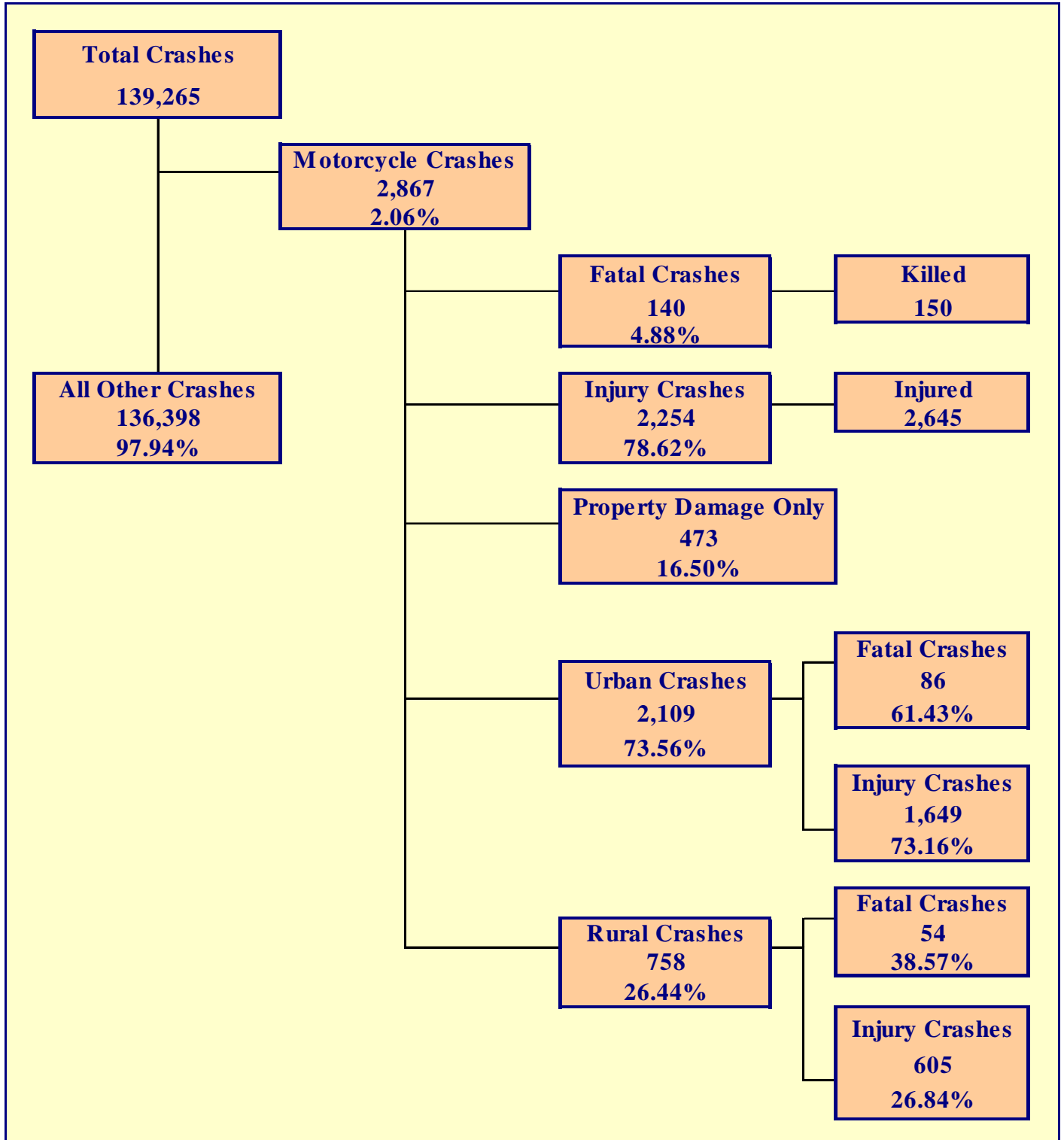


Figure 8 - 1

Motorcycle Fatalities by Year

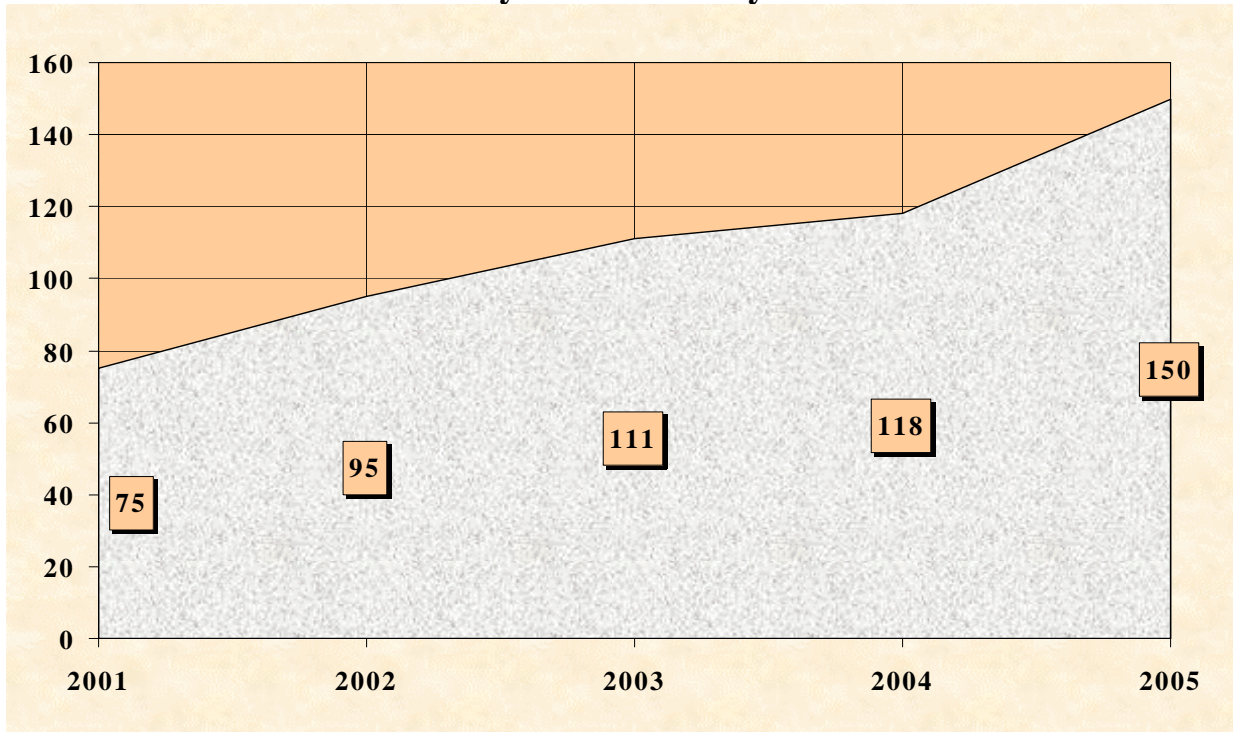
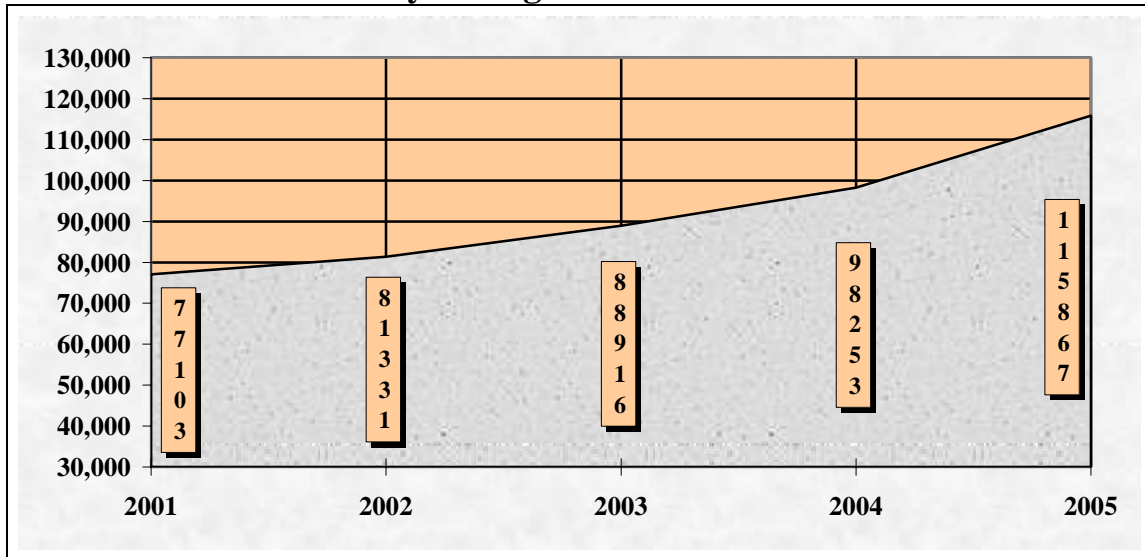


Figure 8 - 2

Motorcycle Registrations in Arizona



2001-2005 Totals include motorcycles only. Prior years included golf carts, ATVs, etc.
 Source: MV988, MV630419 Currently Registered Vehicles By County Listing Dated 6/30/2005.

Figure 8 - 3

Motorcycle Fatality Rate per Registered Motorcycle

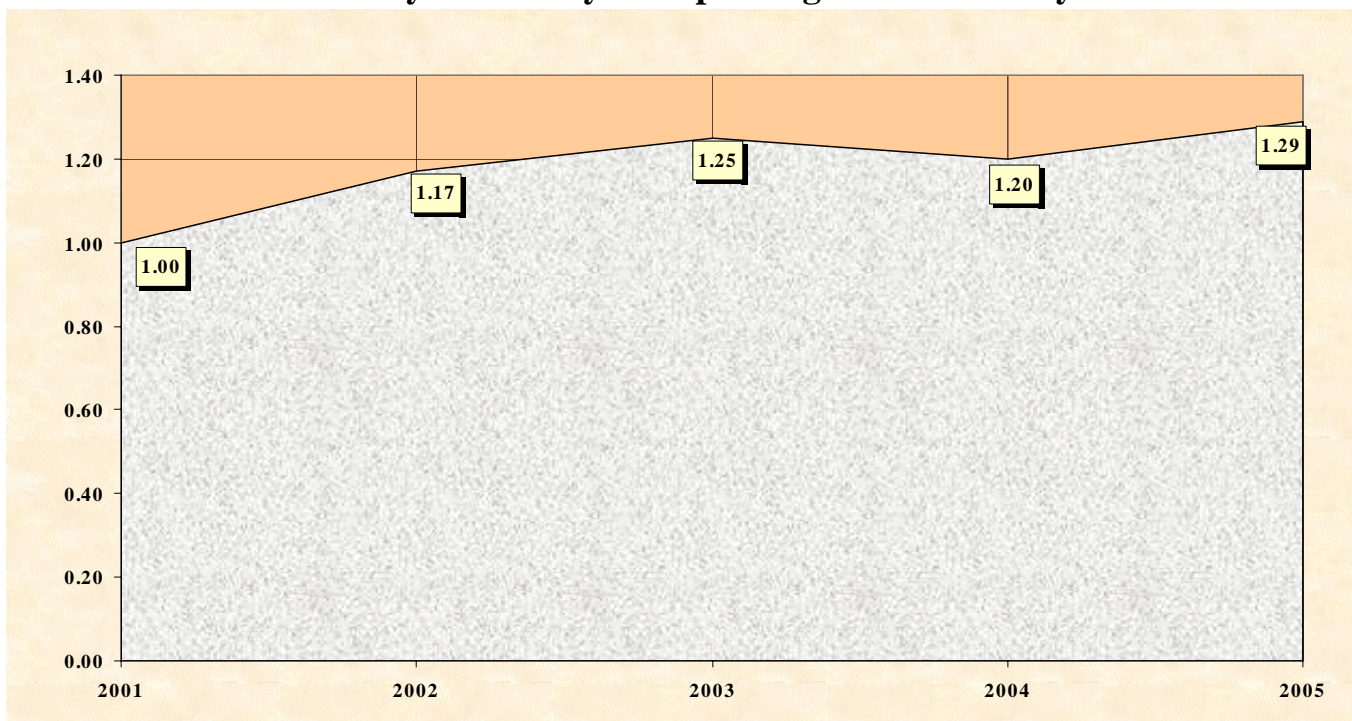
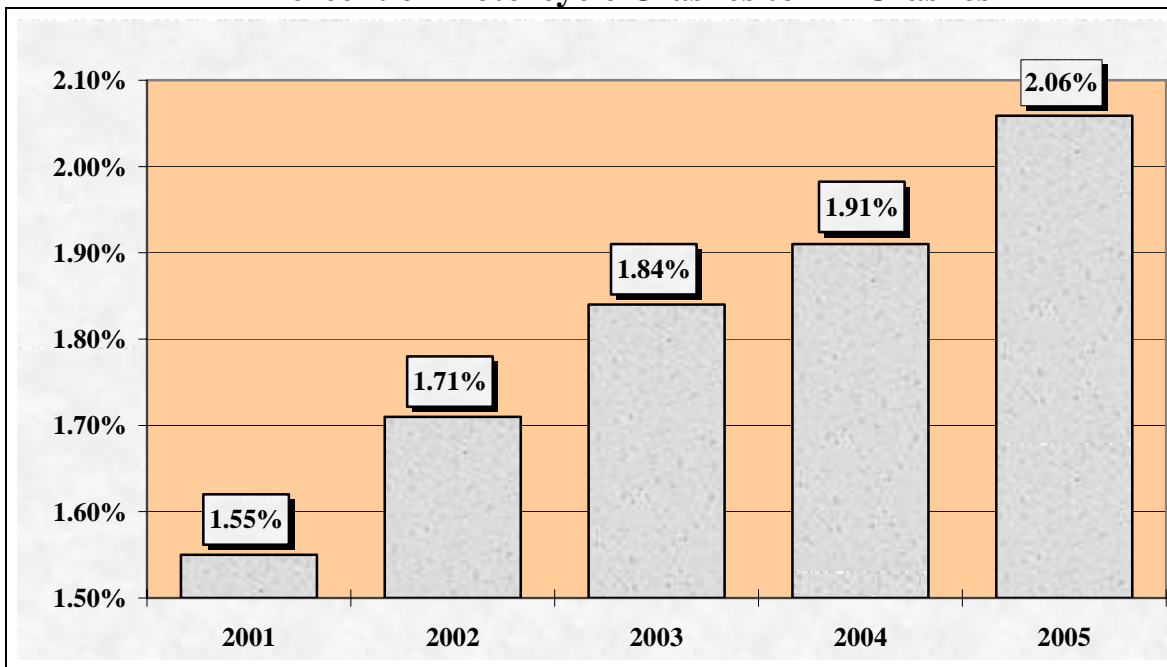


Figure 8 - 4

Percent of Motorcycle Crashes to All Crashes



Section 8: - Motorcycle Crashes

Table 8 - 1

Motorcycle Crashes by Accident Type				
Accident Type	Number of Crashes			
	Total	Fatal	Injury	PDO
Overturning	37	2	32	3
Collision with other MV	1,610	76	1,181	353
Collision with Pedestrian	11	0	11	0
Collision with Pedalcyclist	3	0	3	0
Collision with MV other Rdway	1	1	0	0
Animal	23	2	19	2
Fixed Object	392	39	316	37
Object in Roadway	7	0	6	1
Other	48	2	24	22
Miscellaneous	735	18	662	55
Not Reported	0	0	0	0
Total	2,867	140	2,254	473

Table 8 - 2

Motorcycle Crashes - Lighting Conditions				
Lighting Condition	Number of Crashes			
	Total	Fatal	Injury	PDO
Not Reported	6	0	6	0
Daylight	1,941	80	1,524	337
Dawn or Dusk	172	5	140	27
Darkness	748	55	584	109
TOTAL	2,867	140	2,254	473

Table 8 - 3

Motorcycle Crashes - Road Conditions				
Road Surface Conditions	Number of Crashes			
	Total	Fatal	Injury	PDO
Dry	2,665	129	2,091	4
Wet	68	2	54	445
Not Reported, No Unusual Condition	48	8	36	12
Sand, Mud, Dirt, Oil or Gravel	71	0	65	6
Snow	1	0	0	1
Slush	3	0	2	1
Ice	2	1	1	0
Other	7	0	4	3
Unknown	2	0	1	1
TOTAL	2,867	140	2,254	473

Table 8 - 4

Motorcycle Crashes - Land Use					
	Number of Crashes and % of Total				
	Total	Rural	% of Total	Urban	% of Total
Crashes	2,867	758	26.44%	2,109	73.56%
Fatal	140	54	38.57%	86	61.43%
Injury	2,254	605	26.84%	1,649	73.16%

Table 8-5

Operator's Age - Motorcycle Crashes					
Age of Operator	Total	Percent of Total	Number of Operators		
			Fatal	Injury	In PDO
15 & Younger	46	1.57%	2	37	7
16	16	0.55%	0	15	1
17	23	0.79%	4	15	4
18	65	2.22%	4	59	2
19	89	3.04%	3	76	10
20	109	3.72%	6	84	19
21	97	3.31%	5	77	15
22	87	2.97%	4	73	10
23	87	2.97%	2	65	20
24	78	2.66%	8	56	14
25-34	603	20.60%	32	491	80
35-44	591	20.19%	22	472	97
45-54	572	19.54%	32	454	86
55-64	293	10.01%	19	225	49
65-74	67	2.29%	2	56	9
75 & Older	12	0.41%	0	9	3
Not Stated	92	3.14%	0	39	53
TOTAL	2,927	100.00%	145	2,303	479

Table 8 - 6

Alcohol-Related Motorcycle Crashes	
Total number of impaired operators	169
Total number of fatal crashes	19
Total number of injury crashes	141
Total number of PDO crashes	9

Section 8: - Motorcycle Crashes

Table 8 - 7

Motorcycle Operators Involved in Fatal Crashes by License Status

License Status	2003		2004		2005	
	Total Fatal Crashes	Percent of Fatal Crashes	Total Fatal Crashes	Percent of Fatal Crashes	Total Fatal Crashes	Percent of Fatal Crashes
No license	5	6.02%	3	2.86%	4	3.08%
Invalid	26	31.33%	19	18.10%	32	24.62%
Valid	51	61.45%	81	77.14%	94	72.31%
Unknown	1	1.20%	2	1.90%	0	0
TOTALS	83	100.00%	105	100.00%	130	100.00%

Note: includes only motorcycle operators involved in fatal crashes.

Table 8 - 8

Motorcycle Operator's Helmet Use

Severity of Injury	Helmet Used	Percent of Total	No Helmet	Percent of Total	Unknown	Percent of Total	Total	Percent of Total
Fatal	56	5.22%	60	5.08%	11	1.63%	127	4.34%
Incapacitating	244	22.74%	327	27.69%	110	16.34%	681	23.27%
No Injury	172	16.03%	182	15.41%	147	21.84%	501	17.12%
Non-Incapacitating Injury	434	40.45%	451	38.19%	226	33.58%	1,111	37.96%
Not Reported	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Possible Injury	158	14.73%	149	12.62%	131	19.47%	438	14.96%
Unknown	9	0.84%	12	1.02%	48	7.13%	69	2.36%
All	1,073	100.00%	1,181	100.00%	673	100.00%	2,927	100.00%

Table 8 - 9

Motorcycle Passenger's Helmet Use

Severity of Injury	Helmet Used	Percent of Total	No Helmet	Percent of Total	Unknown	Percent of Total	Total	Percent of Total
Fatal	2	2.41%	16	10.06%	1	1.96%	19	6.48%
Incapacitating	27	32.53%	39	24.53%	14	27.45%	80	27.30%
No Injury	9	10.84%	20	12.58%	13	25.49%	42	14.33%
Non-Incapacitating Injury	34	40.96%	61	38.36%	14	27.45%	109	37.20%
Not Reported	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Possible Injury	11	13.25%	22	13.84%	8	15.69%	41	13.99%
Unknown	0	0.00%	1	0.63%	1	1.96%	2	0.68%
All	83	100.00%	159	100.00%	51	100.00%	293	100.00%

Table 8-10

Motorcycle Operators and Passengers Killed and Injured

Age Of Victims	Number Killed			Number Injured			
	Total	Male	Female	Total	Male	Female	Unknown
0--4	0	0	0	3	1	2	0
5--9	0	0	0	8	6	2	0
10--14	1	1	0	30	19	11	0
15--19	14	12	2	204	178	25	1
20--24	21	19	2	380	346	34	0
25--34	33	25	8	513	461	52	0
35--44	24	18	6	510	420	90	0
45--54	30	28	2	472	401	70	1
55--64	21	17	4	240	206	34	0
65--74	2	2	0	55	50	5	0
75 & Older	0	0	0	9	7	2	0
Not Reported	0	0	0	36	25	11	0
Totals	146	122	24	2,460	2,120	338	2

Table 8-11

Motorcycle Operator Errors

Contributing Circumstances	All Crashes		Fatal Crashes		Injury Crashes		PDO Crashes	
	Number of Cases	Percent of Units	Number of Cases	Percent of Units	Number of Cases	Percent of Units	PDO	Percent of PDO Drivers
No Improper Driving	1,204	38.89%	45	27.44%	930	38.05%	229	46.93%
Speeding*	811	26.20%	54	32.93%	644	26.35%	113	23.16%
Exceeded Lawful Speed	58	1.87%	9	5.49%	48	1.96%	1	0.20%
Failed to Yield Right-Of-Way	76	2.45%	2	1.22%	59	2.41%	15	3.07%
Had Been Drinking	169	5.46%	19	11.59%	141	5.77%	9	1.84%
Followed Too Closely	61	1.97%	1	0.61%	38	1.55%	22	4.51%
Ran Stop Sign	13	0.42%	2	1.22%	8	0.33%	3	0.61%
Disregarded Traffic Signal	28	0.90%	3	1.83%	24	0.98%	1	0.20%
Improper Turn	25	0.81%	1	0.61%	16	0.65%	8	1.64%
Operated with Faulty Equip	27	0.87%	0	0.00%	24	0.98%	3	0.61%
Driver Inattention	165	5.33%	6	3.66%	144	5.89%	15	3.07%
Other Improper Driving	235	7.59%	8	4.88%	192	7.86%	35	7.17%
Not Reported	224	7.24%	14	8.54%	176	7.20%	34	6.97%
TOTAL	3,096	100.0%	164	100.0%	2,444	100.0%	488	100.0%

Section 8: - Motorcycle Crashes

Figure 8-5

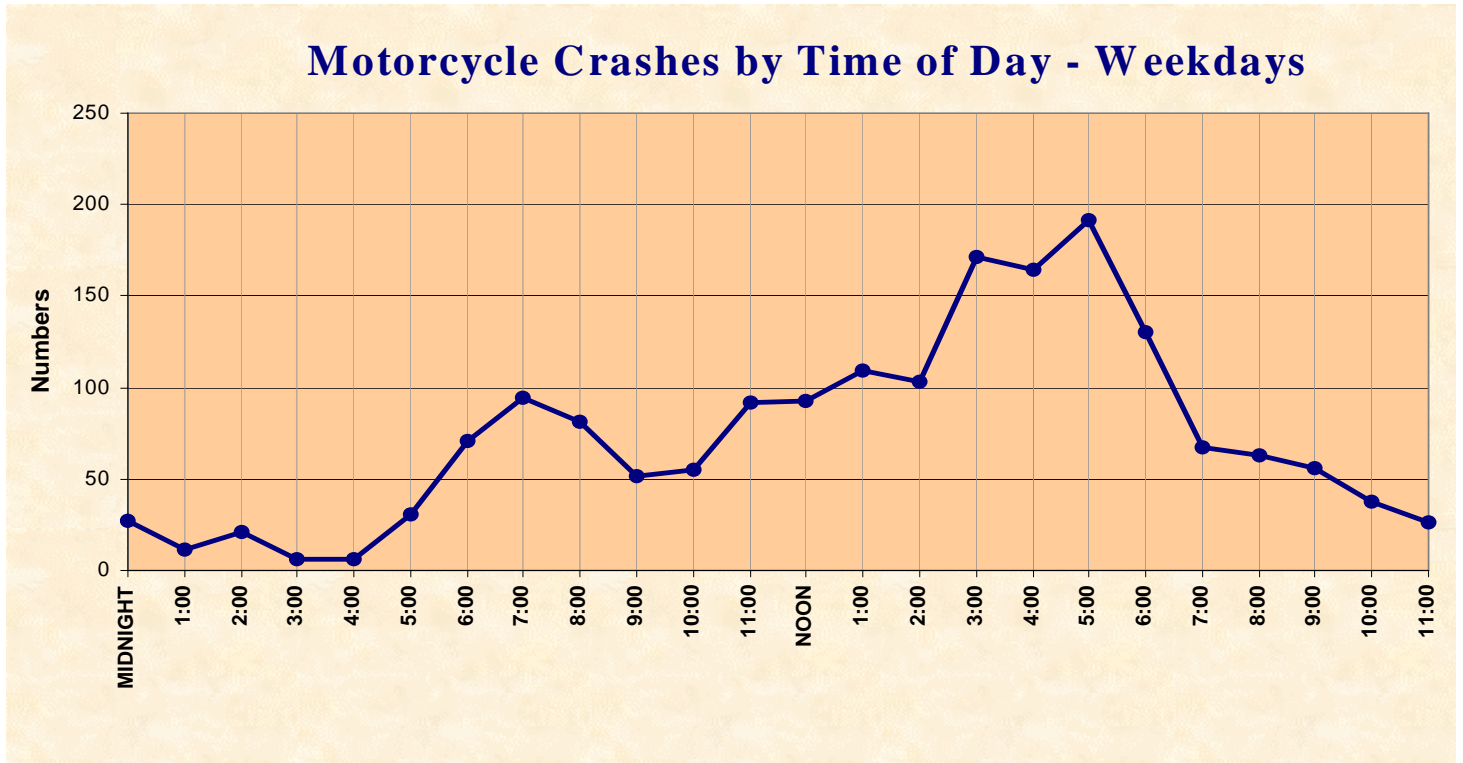


Figure 8-6

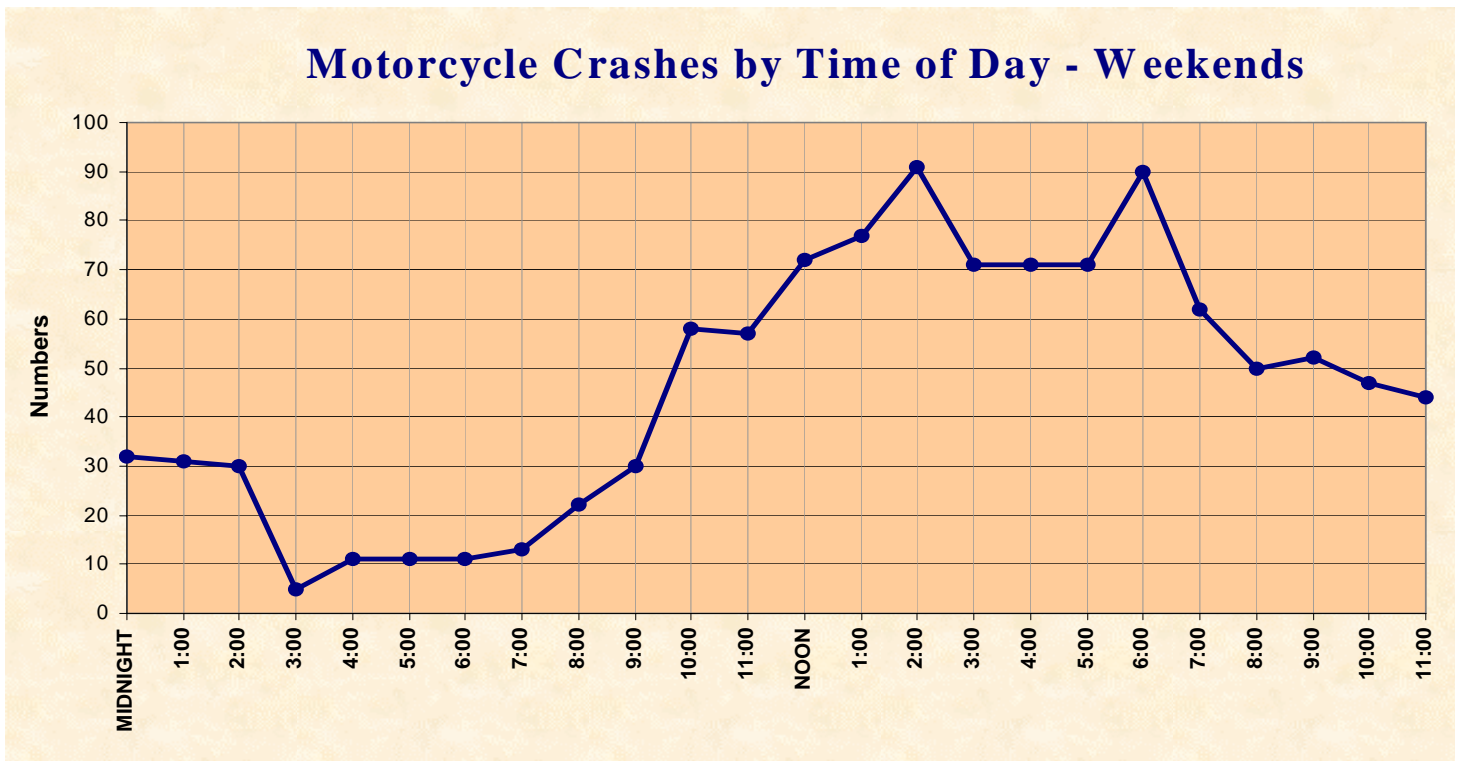


Figure 8-7

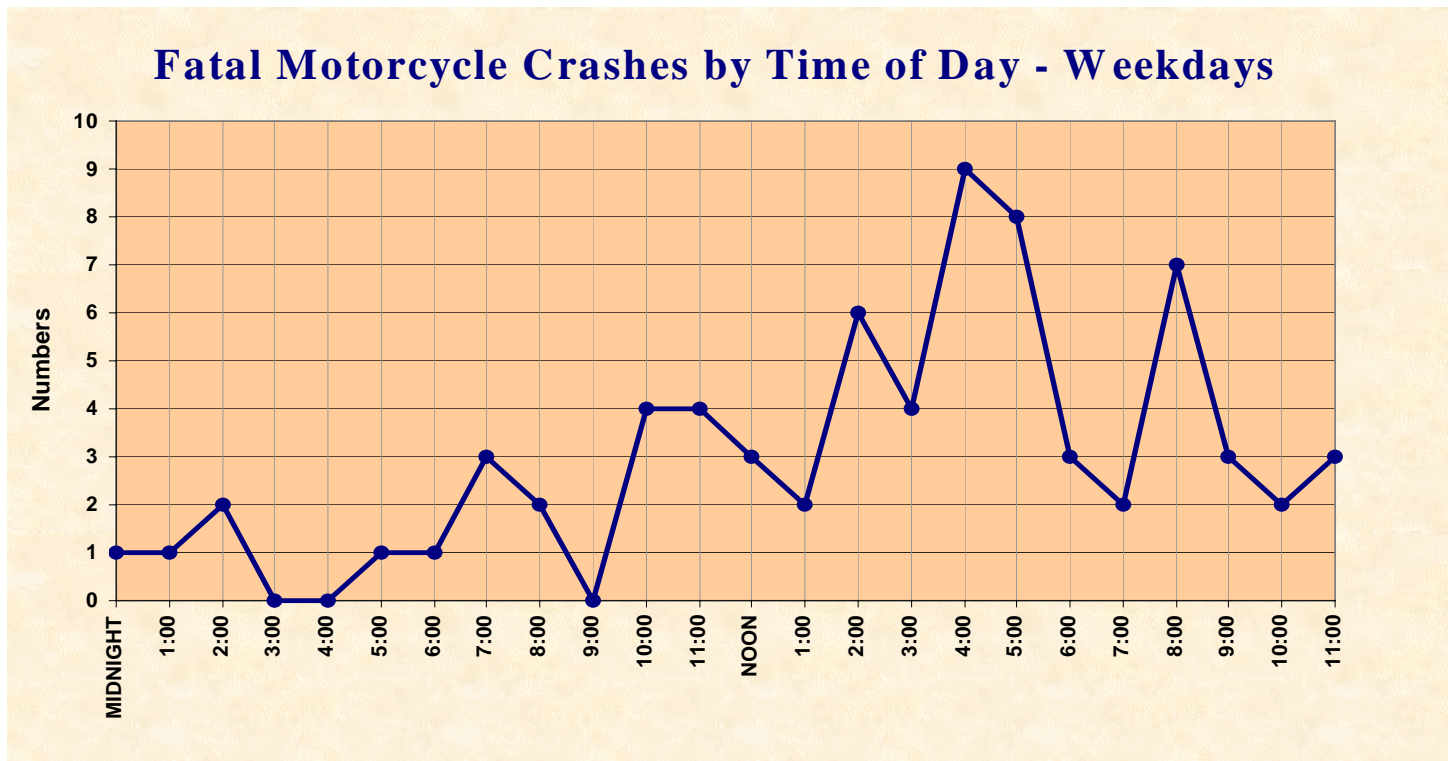


Figure 8 - 8

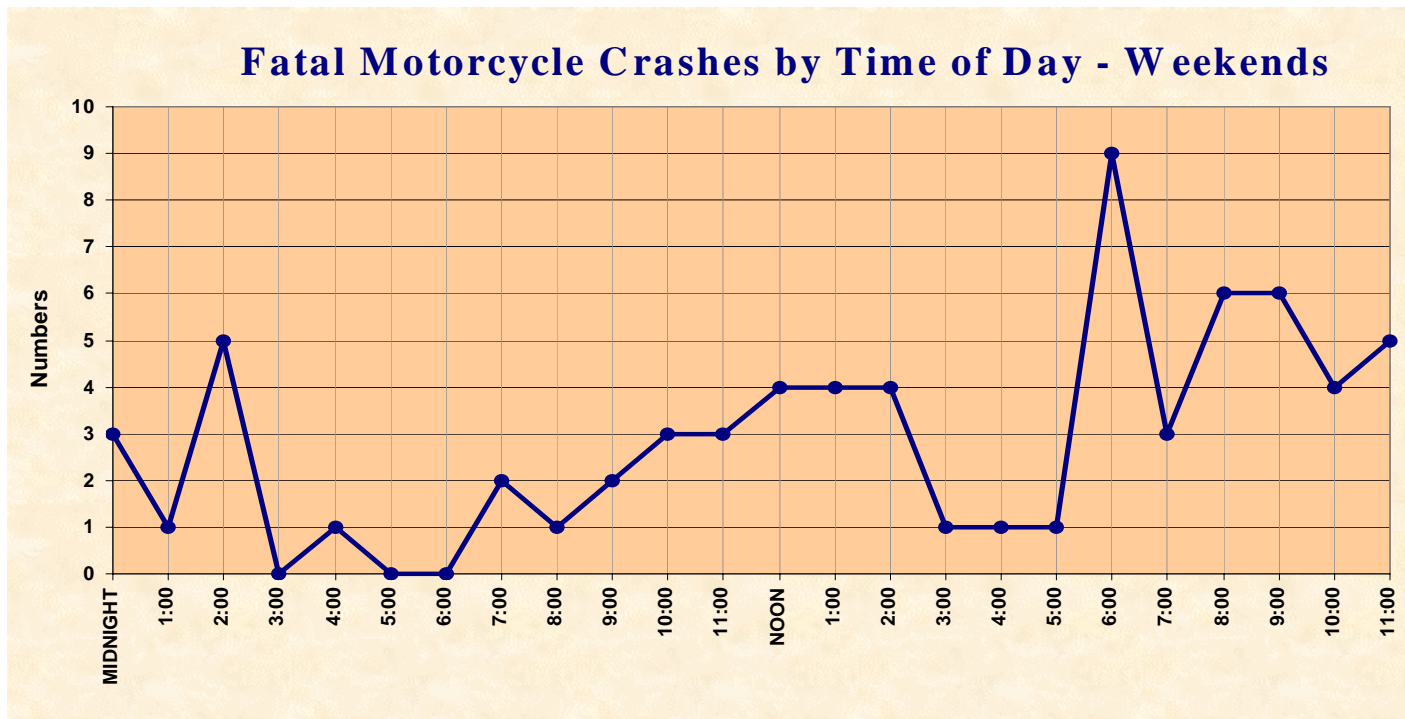
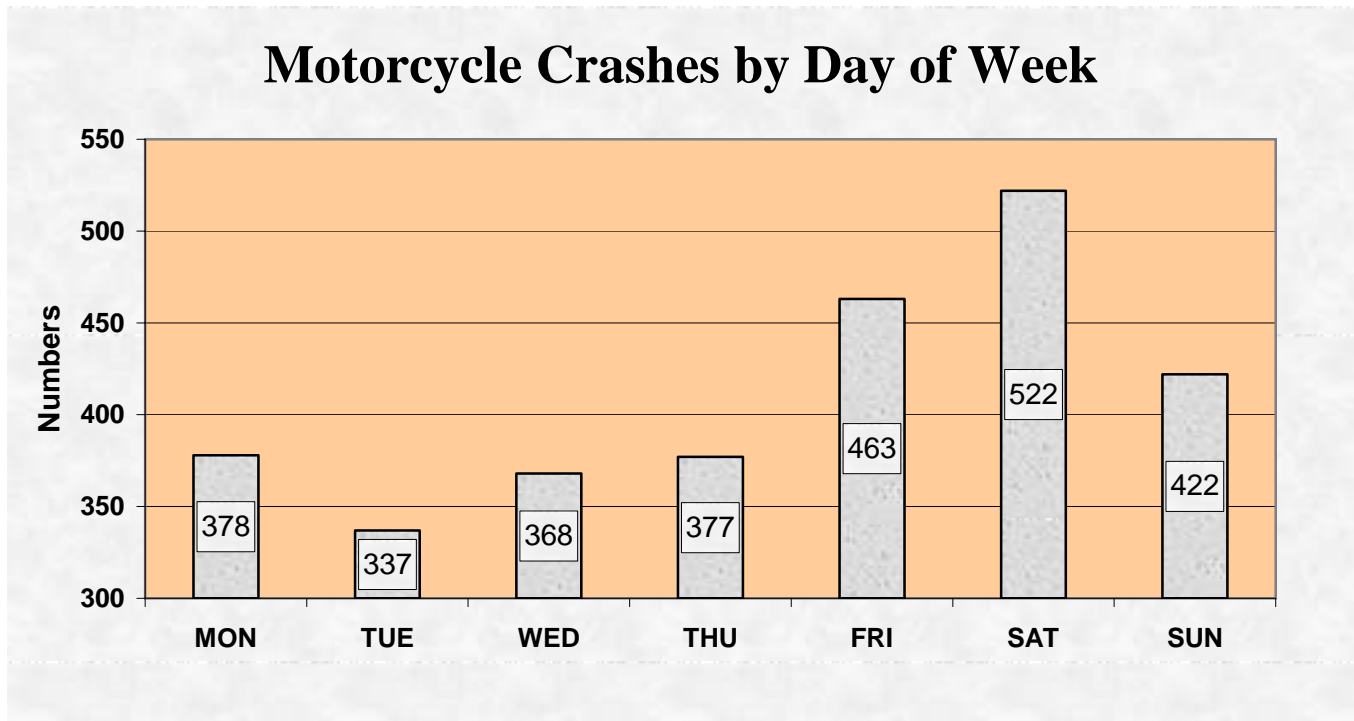


Figure 8-9



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