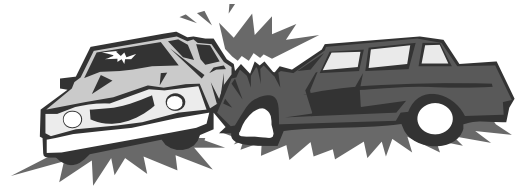


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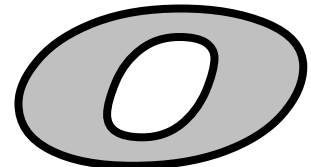
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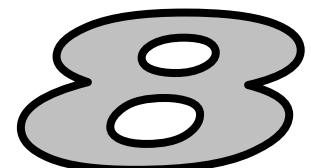
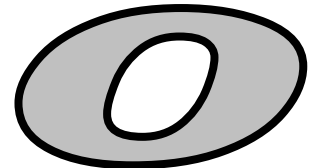
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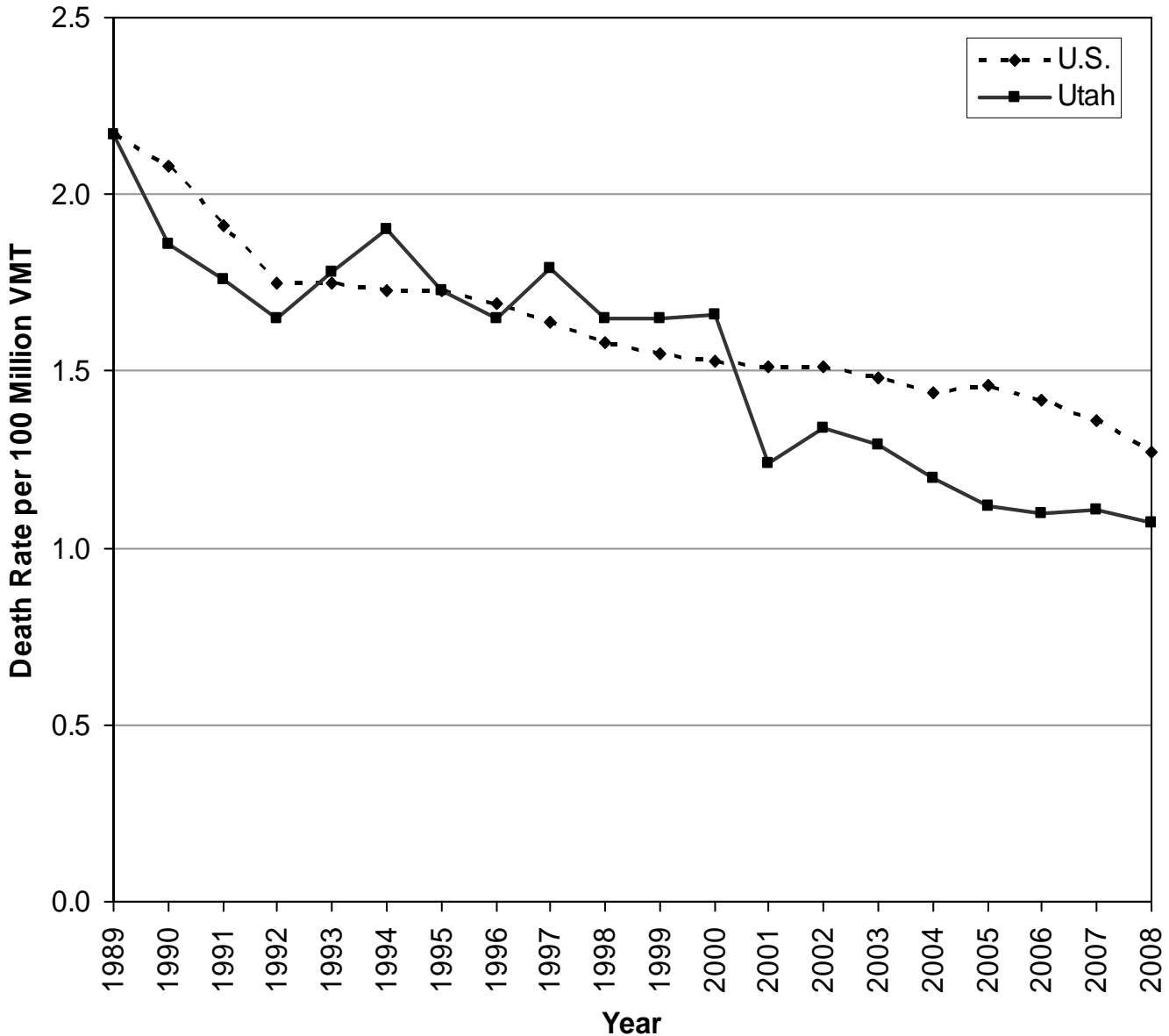


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Trends

Utah vs. U.S. Death Rate per 100 Million Vehicle Miles Traveled, 1989-2008

Death Rate per Miles Traveled																				
	Year																			
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
U.S.	2.17	2.08	1.91	1.75	1.75	1.73	1.73	1.69	1.64	1.58	1.55	1.53	1.51	1.51	1.48	1.44	1.46	1.42	1.36	1.27
Utah	2.17	1.86	1.76	1.65	1.78	1.90	1.73	1.65	1.79	1.65	1.65	1.66	1.24	1.34	1.29	1.20	1.12	1.10	1.11	1.07



U.S. SOURCE: National Highway Traffic Safety Administration

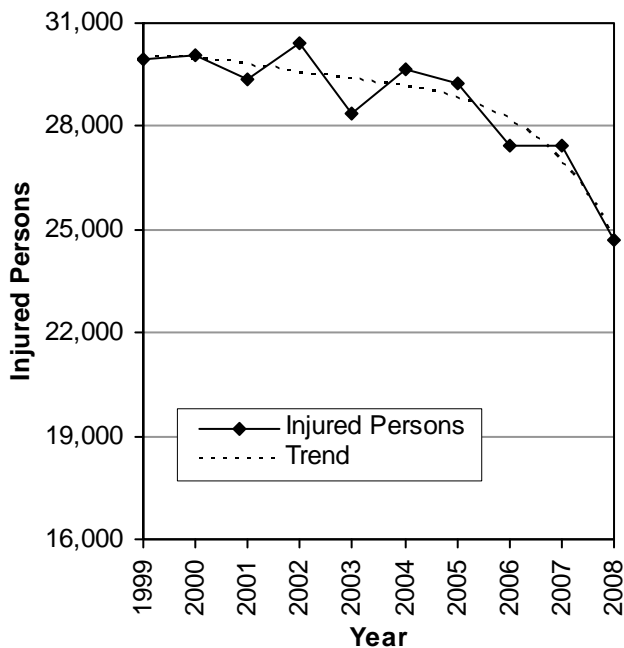
- In 2008, the Utah death rate per 100 million vehicle miles traveled was 1.07 which was lower than the U.S. rate of 1.27.
- The Utah death rate per 100 million vehicle miles traveled has been lower than the U.S. rate since 2001. This somewhat dispels the myth that drivers in Utah are worse than other drivers in the U.S.

Persons Involved (Utah 1999-2008)

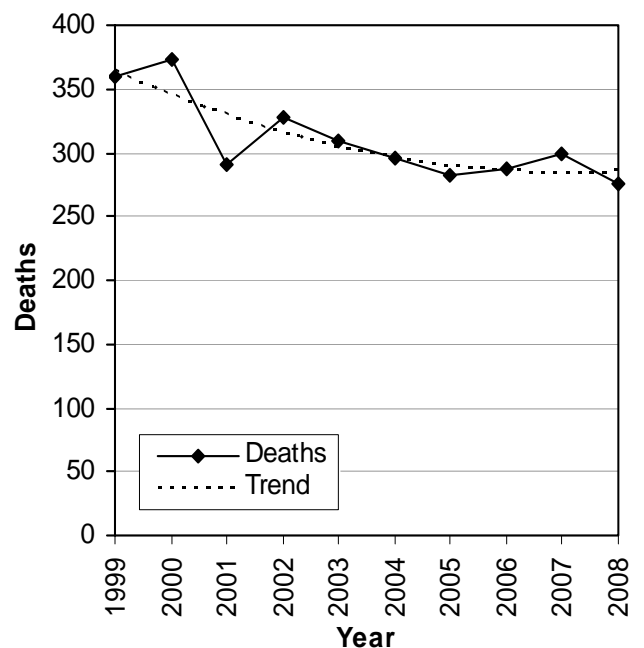
Persons								
Year	Non-Injured		Injured		Killed		Total	
	#	Rate per	#	Rate per	#	Rate per	#	Rate per
		100 Million		100 Million		100 Million		100 Million
	VMT		VMT	VMT	VMT	VMT	VMT	
1999	109,354	500.1	29,959	137.0	360	1.65	139,673	638.7
2000	110,318	489.9	30,086	133.6	373	1.66	140,777	625.2
2001	108,427	463.4	29,375	125.5	291	1.24	138,093	590.2
2002	109,878	449.6	30,433	124.5	328	1.34	140,639	575.5
2003	104,660	436.8	28,352	118.3	309	1.29	133,321	556.4
2004	111,225	451.4	29,638	120.3	296	1.20	141,159	572.8
2005	115,546	459.8	29,221	116.3	282	1.12	145,049	577.2
2006	116,187	444.0	27,433	104.8	287	1.10	143,907	550.0
2007	127,330	474.7	27,420	102.2	299	1.11	155,049	578.0
2008	113,744	439.4	24,673	95.3	276	1.07	138,693	535.8
Total	1,126,669	460.2	286,590	117.1	3,101	1.27	1,416,360	578.5

- During the last 10 years, over 1.4 million people have been in a crash. Approximately 28,700 people are injured and 310 people are killed in motor vehicle crashes a year.
- Utah experienced a 7.7% decrease in the number of crash deaths in 2008 from 2007.
- The injury rate per miles traveled decreased for the fourth year in a row.
- 16,356 less people were in a crash in Utah in 2008; a 10.5% decrease from 2007,

Injured Persons by Year (Utah 1999-2008)



Deaths by Year (Utah 1999-2008)



- There has been a 17.6% decrease in the number of people injured over the last 10 years.
- Deaths decreased in 2008 to the lowest total in Utah since 1992.

Trends

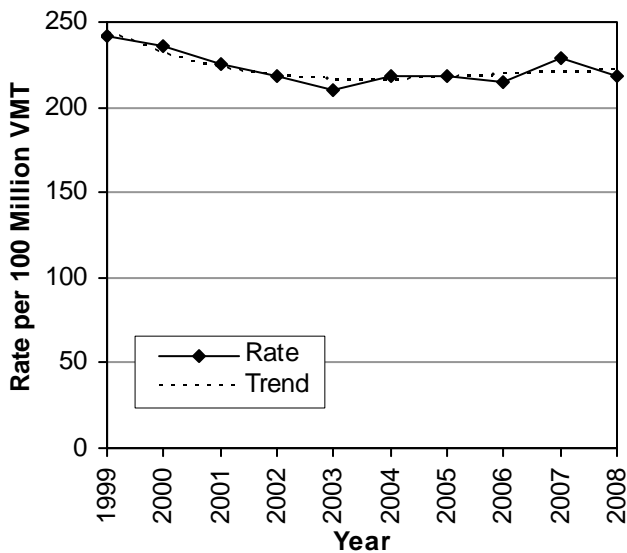
Crashes (Utah 1999-2008)

Crashes								
Year	Property Damage Only		Injury		Fatal		Total	
	#	Rate per	#	Rate per	#	Rate per	#	Rate per
		100 Million		100 Million		100 Million		100 Million
	VMT		VMT	VMT	VMT	VMT	VMT	VMT
1999	32,971	150.8	19,513	89.2	318	1.45	52,802	241.5
2000	33,269	147.7	19,564	86.9	318	1.41	53,151	236.0
2001	33,113	141.5	19,332	82.6	258	1.10	52,703	225.2
2002	33,542	137.2	19,552	80.0	274	1.12	53,368	218.4
2003	31,842	132.9	18,285	76.3	262	1.09	50,389	210.3
2004	34,222	138.9	19,423	78.8	260	1.06	53,905	218.8
2005	35,158	139.9	19,545	77.8	235	0.94	54,938	218.6
2006	37,674	144.0	18,264	69.8	249	0.95	56,187	214.7
2007	42,368	157.9	18,619	69.4	258	0.96	61,245	228.3
2008	38,997	150.7	17,125	66.2	245	0.95	56,367	217.8
Total	353,156	144.2	189,222	77.3	2,677	1.09	545,055	222.6

NOTE: A crash may result in multiple injuries and/or deaths. See previous page for persons.

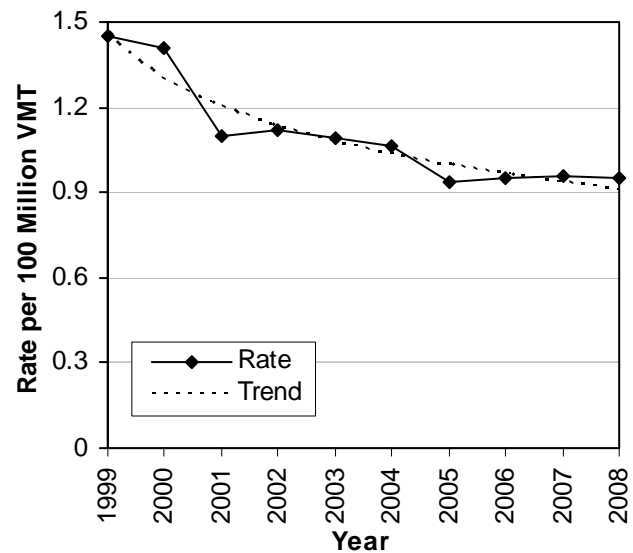
- During the last 10 years, 545,055 motor vehicle crashes occurred in Utah. On average, there are 54,500 crashes a year of which 18,900 involve injuries and 267 involve deaths.
- In 2008, total crashes decreased 8.0% from 2007.
- The 2008 total crash rate in Utah was 217.8, a 4.6% decrease from 2007.

Crash Rates Per 100 Million Vehicle Miles Traveled (Utah 1999-2008)



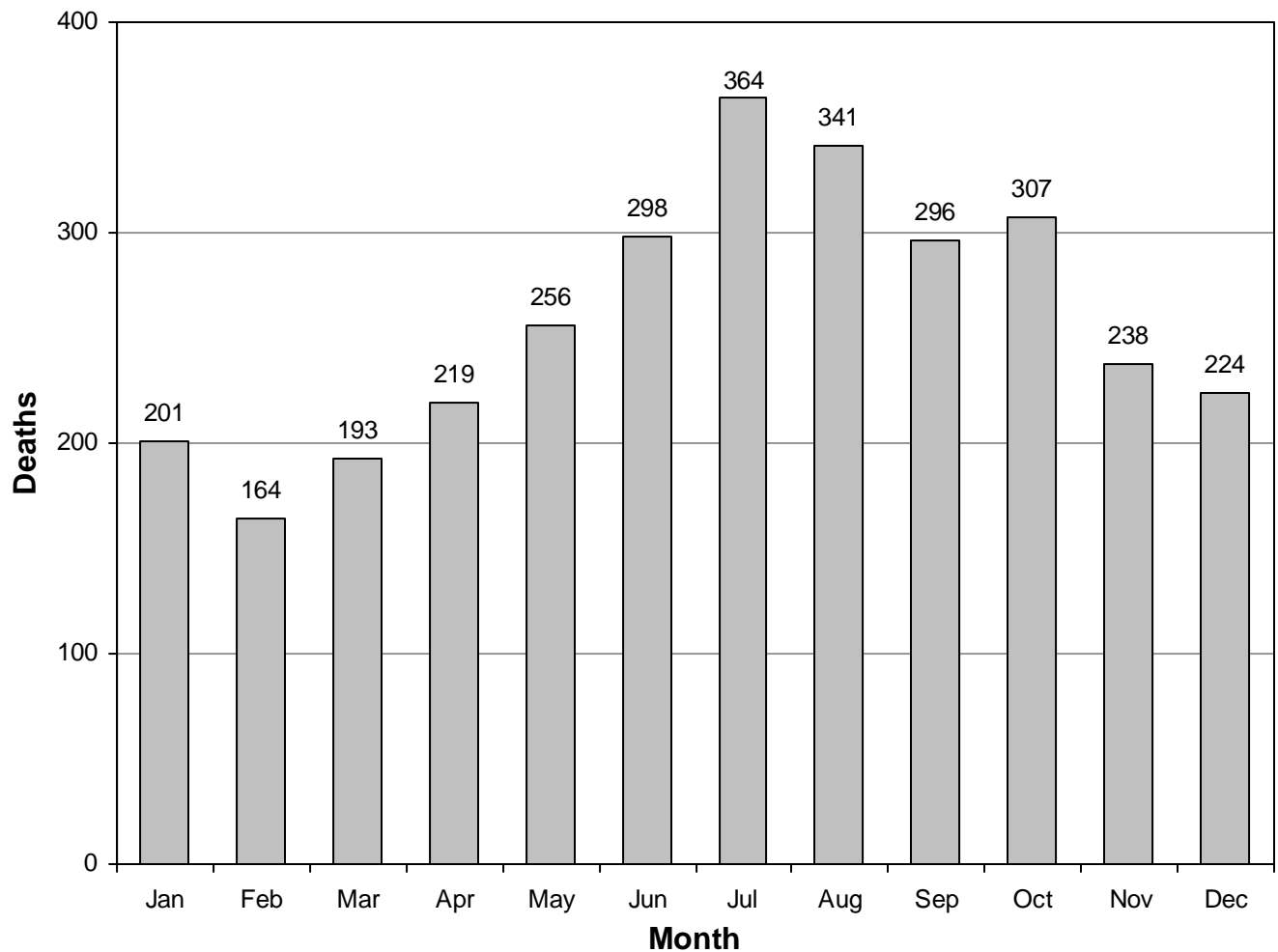
- The total crash rate has been fairly level the last eight years.
- There has been a 9.8% decrease in the total crash rate since 1999.

Fatal Crash Rates Per 100 Million Vehicle Miles Traveled (Utah 1999-2008)



- There has been a decreasing trend in fatal crash rates over the last 10 years.
- There has been a 34% decrease in the fatal crash rate since 1999.

Deaths by Month (Utah 1999-2008)

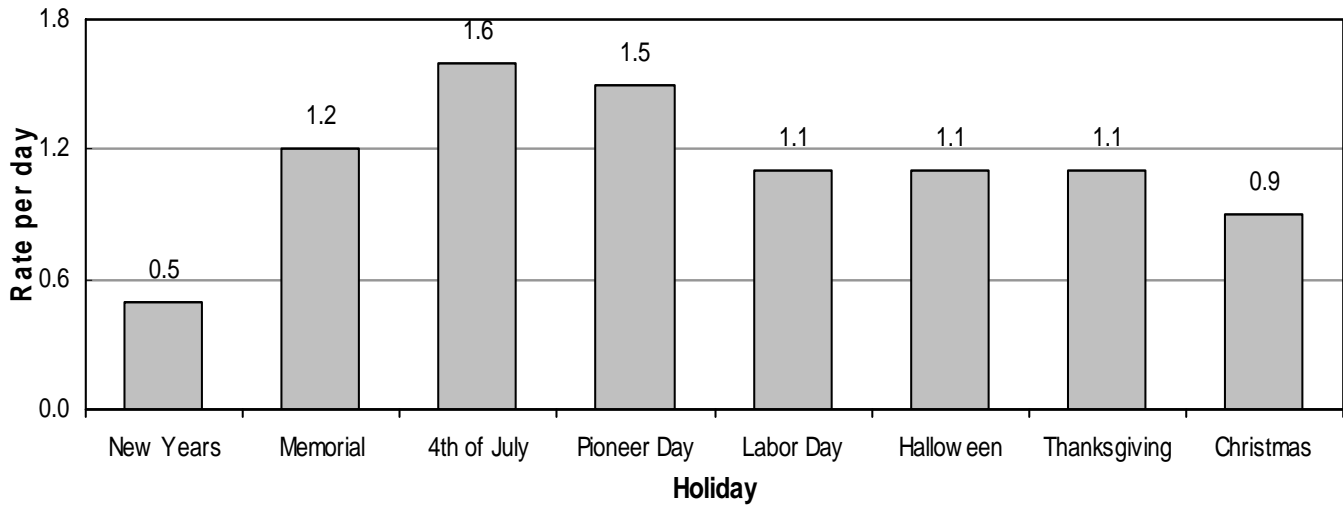


Deaths													
Year	Month												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1999	19	16	25	34	37	35	46	29	32	39	25	23	360
2000	30	23	21	27	29	38	50	36	30	33	23	33	373
2001	22	19	12	14	30	24	40	33	21	29	27	20	291
2002	22	17	18	20	28	19	44	36	36	38	27	23	328
2003	22	15	16	22	20	39	38	39	31	25	17	25	309
2004	9	15	28	20	25	31	28	40	31	26	25	18	296
2005	16	22	14	18	18	25	25	37	31	30	25	21	282
2006	22	15	23	17	14	26	29	33	31	33	23	21	287
2007	16	13	24	35	24	31	35	26	30	26	21	18	299
2008	23	9	12	12	31	30	29	32	23	28	25	22	276
Total	201	164	193	219	256	298	364	341	296	307	238	224	3,101

- Over one-half (51.8%) of deaths occurred June-October.
- In the last 10 years, July (364) had the highest total number of motor vehicle crash deaths while February (164) had the fewest.
- In 2008, August (32) and May (31) had the highest number of deaths while February (9) had the fewest.

Trends

Holiday Death Rate Per Day (Utah 1999-2008)



Deaths																		
	New Years		Memorial Day		4th of July		24th of July		Labor Day		Halloween		Thanksgiving		Christmas		Total	
	Rate		Rate		Rate		Rate		Rate		Rate		Rate		Rate		Rate	
	per		per		per		per		per		per		per		per		per	
Year	#	Day	#	Day	#	Day	#	Day	#	Day	#	Day	#	Day	#	Day	#	Day
1999	1	0.3	11	2.8	10	3.3	5	1.7	4	1.0	6	2.0	8	1.6	1	0.3	46	1.6
2000	2	0.7	3	0.8	2	0.7	5	1.3	3	0.8	2	0.7	2	0.4	5	1.3	24	0.8
2001	3	0.8	5	1.3	2	0.7	8	2.7	4	1.0	1	0.3	7	1.4	3	1.0	33	1.1
2002	2	0.7	9	2.3	8	1.6	9	3.0	3	0.8	6	1.2	7	1.4	0	0.0	44	1.4
2003	3	1.0	2	0.5	4	1.0	7	1.4	7	1.8	4	1.0	2	0.4	8	1.6	37	1.1
2004	1	0.2	3	0.8	5	1.7	0	0.0	4	1.0	1	0.3	7	1.4	2	0.7	23	0.8
2005	5	1.7	7	1.8	9	2.3	4	1.3	3	0.8	11	2.8	4	0.8	2	0.7	45	1.5
2006	0	0.0	2	0.5	1	0.3	7	1.8	6	1.5	1	0.3	7	1.4	10	2.5	34	1.1
2007	0	0.0	2	0.5	3	1.0	4	1.3	6	1.5	5	1.7	6	1.2	1	0.3	27	1.0
2008	2	0.7	5	1.3	12	3.0	4	0.8	2	0.5	0	0.0	3	0.6	1	0.2	29	0.9
Total	19	0.5	49	1.2	56	1.6	53	1.5	42	1.1	37	1.1	53	1.1	33	0.9	342	1.1

- Holiday deaths are a concern because of the increased death rate due to risk factors such as fatigue, impaired driving, long distance traveling, speeding, and traveling on unfamiliar roadways.
- Over the past 10 years, the Independence Day Holiday (1.6) and the Pioneer Day Holiday (1.5) had the highest rates of deaths while the New Years Holiday (0.5) had the lowest rate.
- In 2008, the 4th of July had the highest death rate per day (3.0) while Halloween had the lowest rate (0.0).
- The 2008 holiday death rate per day was 0.9 which was higher than the rate per day for all 2008 days (0.8).

Note: Because of the differing lengths of holidays, the rate per day is provided and should be used for comparisons.

The following criteria was used to determine the number of days in the holiday period:

- If a holiday occurred on Sunday, Tuesday, Wednesday, or Saturday, then it was considered a three day holiday (the day prior to the holiday, the holiday, and the day after the holiday).
- If a holiday occurred on Monday, then it was considered a four day holiday (Friday, Saturday, Sunday, and Monday).
- If a holiday occurred on Friday, then it was considered a four day holiday (Thursday, Friday, Saturday, and Sunday).
- If a holiday occurred on Thursday, then it was considered a five day holiday (Wednesday, Thursday, Friday, Saturday, and Sunday).

Counties

Persons in Crashes by County (Utah 2008)

County	Persons											
	Non-Injured			Injured			Killed			Total		
		Rate	Rate		Rate	Rate		Rate	Rate		Rate	Rate
	#	per 100 Million VMT	per 10,000 Pop.	#	per 100 Million VMT	per 10,000 Pop.	#	per 100 Million VMT	per 10,000 Pop.	#	per 100 Million VMT	per 10,000 Pop.
Salt Lake	51,566	604.5	495.1	10,417	122.1	100.0	64	0.8	0.6	62,047	727.4	595.7
Weber	9,006	570.4	400.4	1,882	119.2	83.7	15	1.0	0.7	10,903	690.6	484.8
Utah	17,265	480.0	329.6	4,224	117.4	80.6	42	1.2	0.8	21,531	598.6	411.1
Cache	4,201	450.0	374.6	897	96.1	80.0	5	0.5	0.4	5,103	546.6	455.1
Davis	10,770	429.4	352.1	2,241	89.3	73.3	14	0.6	0.5	13,025	519.3	425.9
Uintah	1,427	400.5	481.8	306	85.9	103.3	10	2.8	3.4	1,743	489.2	588.4
Duchesne	909	385.9	548.4	177	75.1	106.8	2	0.8	1.2	1,088	461.8	656.4
Wayne	137	344.5	512.7	38	95.6	142.2	1	2.5	3.7	176	442.6	658.7
Washington	4,540	341.6	302.5	1,119	84.2	74.6	18	1.4	1.2	5,677	427.2	378.3
Wasatch	1,086	358.4	473.1	206	68.0	89.7	1	0.3	0.4	1,293	426.7	563.3
Garfield	319	283.1	642.2	117	103.8	235.6	2	1.8	4.0	438	388.6	881.8
Summit	2,181	296.9	550.5	321	43.7	81.0	12	1.6	3.0	2,514	342.3	634.6
Carbon	846	283.1	427.7	139	46.5	70.3	2	0.7	1.0	987	330.2	499.0
Sevier	746	225.6	359.3	223	67.4	107.4	7	2.1	3.4	976	295.2	470.0
Iron	1,589	234.0	338.1	400	58.9	85.1	3	0.4	0.6	1,992	293.4	423.9
Kane	326	233.7	495.3	78	55.9	118.5	3	2.2	4.6	407	291.8	618.4
Rich	102	207.9	465.1	33	67.3	150.5	1	2.0	4.6	136	277.2	620.2
Sanpete	424	195.0	157.4	165	75.9	61.3	5	2.3	1.9	594	273.2	220.5
Morgan	314	229.2	325.6	44	32.1	45.6	2	1.5	2.1	360	262.8	373.3
Box Elder	1,803	203.0	372.2	444	50.0	91.7	9	1.0	1.9	2,256	254.0	465.7
Daggett	62	195.2	623.1	16	50.4	160.8	0	0.0	0.0	78	245.6	783.9
San Juan	438	162.0	292.6	158	58.4	105.6	15	5.5	10.0	611	226.0	408.2
Tooele	1,340	160.2	228.0	345	41.2	58.7	15	1.8	2.6	1,700	203.2	289.3
Millard	666	153.9	493.2	194	44.8	143.7	7	1.6	5.2	867	200.4	642.0
Beaver	358	149.7	549.1	110	46.0	168.7	2	0.8	3.1	470	196.6	720.9
Juab	546	138.6	550.1	143	36.3	144.1	5	1.3	5.0	694	176.2	699.2
Grand	365	114.3	391.5	128	40.1	137.3	4	1.3	4.3	497	155.7	533.1
Emery	392	117.8	375.2	101	30.4	96.7	8	2.4	7.7	501	150.6	479.5
Piute	20	66.7	143.2	7	23.4	50.1	2	6.7	14.3	29	96.8	207.6
Statewide	113,744	439.4	408.9	24,673	95.3	88.7	276	1.1	1.0	138,693	535.8	498.5

- Two different rates are given in the above table. One rate is based on vehicle miles traveled in the county and the other based on the county population.
- Rate per 100 million vehicle miles traveled:
 - Salt Lake (727.4), Weber (690.6), and Utah (598.6) counties had the highest rates of total persons in crashes per 100 million vehicle miles traveled.
 - Piute (6.7), San Juan (5.5), and Uintah (2.8) counties had the highest rates of persons killed per 100 million vehicle miles traveled.
- Rate per 10,000 population:
 - Garfield (881.8), Daggett (783.9), and Beaver (720.9) counties had the highest rates of total persons in crashes per 10,000 population.
 - Piute (14.3), San Juan (10.0), and Emery (7.7) counties had the highest rates of persons killed per 10,000 population.

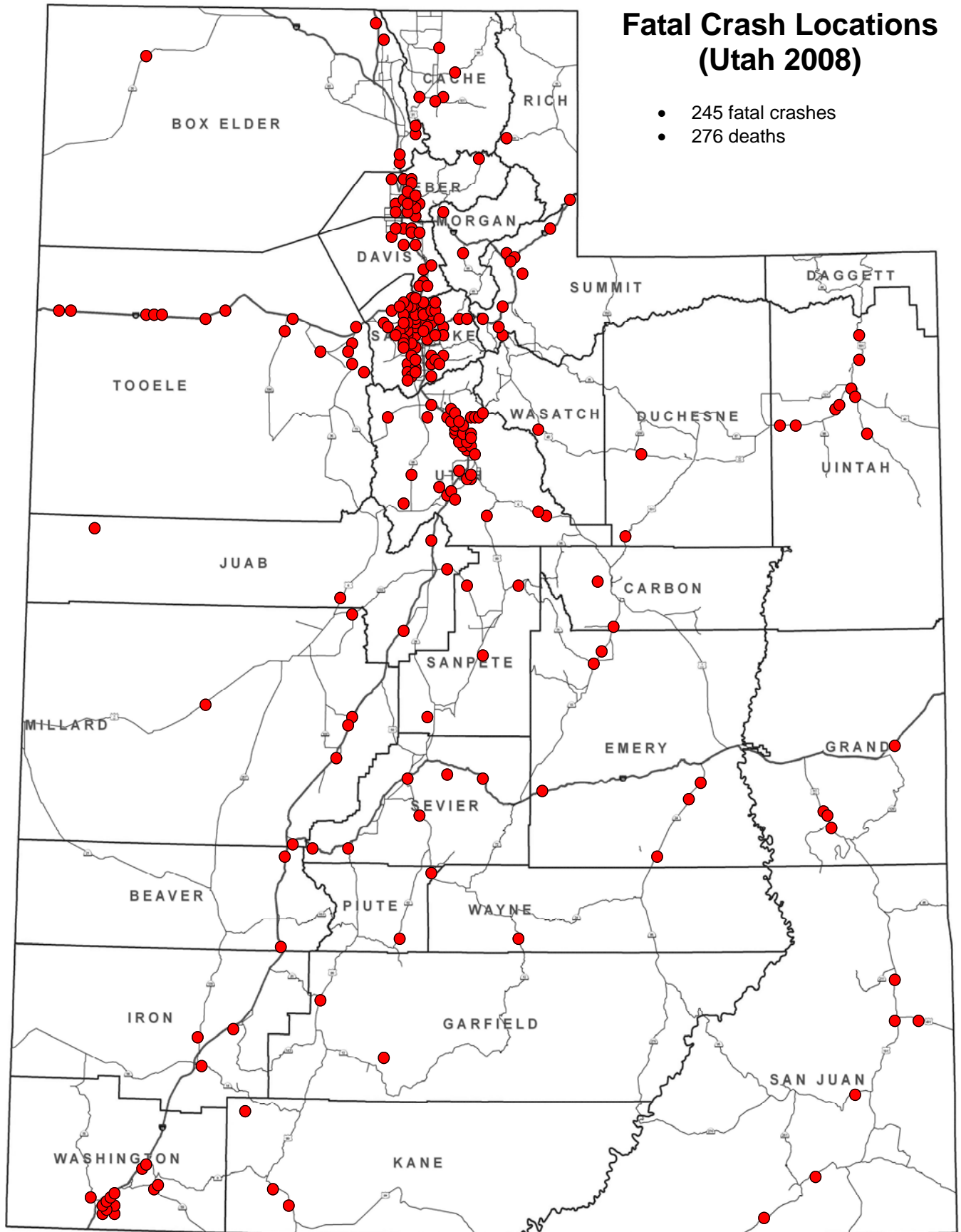
Counties

Crashes by County (Utah 2008)

Crashes								
County	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT
Salt Lake	17,276	202.5	7,465	87.5	62	0.7	24,803	290.8
Weber	2,979	188.7	1,339	84.8	15	1.0	4,333	274.4
Wayne	74	186.1	29	72.9	1	2.5	104	261.6
Duchesne	440	186.8	122	51.8	2	0.8	564	239.4
Utah	5,528	153.7	2,865	79.7	38	1.1	8,431	234.4
Uintah	610	171.2	197	55.3	9	2.5	816	229.0
Cache	1,421	152.2	592	63.4	5	0.5	2,018	216.2
Wasatch	485	160.1	151	49.8	1	0.3	637	210.2
Rich	68	138.6	26	53.0	1	2.0	95	193.6
Davis	3,295	131.4	1,546	61.6	13	0.5	4,854	193.5
Daggett	40	126.0	15	47.2	0	0.0	55	173.2
Kane	188	134.8	49	35.1	3	2.2	240	172.1
Garfield	143	126.9	44	39.0	2	1.8	189	167.7
Carbon	385	128.8	107	35.8	2	0.7	494	165.3
Summit	935	127.3	220	30.0	10	1.4	1,165	158.6
Washington	1,331	100.2	760	57.2	13	1.0	2,104	158.3
Morgan	179	130.7	33	24.1	2	1.5	214	156.2
Sevier	332	100.4	145	43.9	6	1.8	483	146.1
Sanpete	188	86.5	108	49.7	4	1.8	300	138.0
Iron	561	82.6	255	37.6	3	0.4	819	120.6
Box Elder	763	85.9	296	33.3	7	0.8	1,066	120.0
San Juan	226	83.6	71	26.3	6	2.2	303	112.1
Beaver	169	70.7	69	28.9	2	0.8	240	100.4
Tooele	543	64.9	244	29.2	15	1.8	802	95.9
Millard	276	63.8	119	27.5	6	1.4	401	92.7
Juab	237	60.2	95	24.1	5	1.3	337	85.5
Piute	16	53.4	6	20.0	2	6.7	24	80.1
Emery	181	54.4	64	19.2	6	1.8	251	75.5
Grand	128	40.1	93	29.1	4	1.3	225	70.5
Statewide	38,997	150.7	17,125	66.2	245	0.9	56,367	217.8

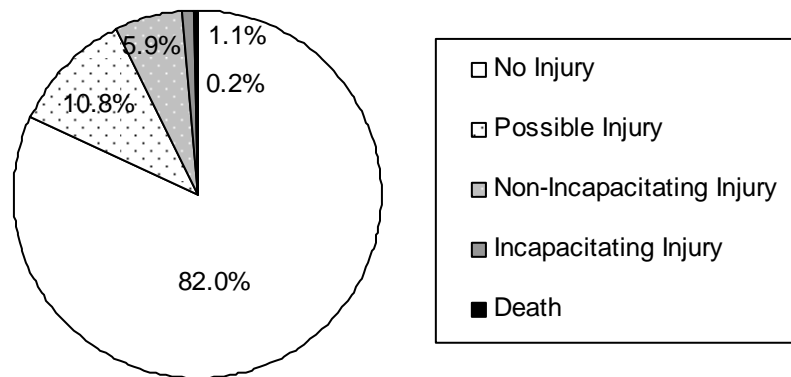
- Salt Lake (290.8), Weber (274.4), and Wayne (261.6) counties had the highest total crash rates per miles traveled.
- Piute (6.7), Uintah (2.5), and Wayne (2.5) counties had the highest fatal crash rates per miles traveled.
- Grand (70.5), Emery (75.5), and Piute (80.1) counties had the lowest total crash rates per miles traveled.

Counties



Persons Involved

Injury Severity (Utah 2008)



- Although many people were injured and killed in motor vehicle crashes, the majority (82.0%) of persons in crashes did not sustain an injury. See Glossary in the Appendix for injury definitions.
- Persons in the same crash sustain different levels of injury. Many factors influence injury patterns including seatbelt use, seating position, and vehicle safety equipment.

Person Placement (Utah 2008)

Persons								
Person Placement	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Driver	82,862	72.8%	16,390	66.4%	167	60.5%	99,419	71.7%
Passenger	30,695	27.0%	6,937	28.1%	71	25.7%	37,703	27.2%
Bicyclist	90	0.1%	708	2.9%	4	1.4%	802	0.6%
Pedestrian	97	0.1%	638	2.6%	34	12.3%	769	0.6%
Total	113,744	100.0%	24,673	100.0%	276	100.0%	138,693	100.0%

- Pedestrians in a crash had the greatest risk of being killed. In fact, pedestrian crashes were 12.9 times more likely to be fatal than other crashes.

Gender of Persons in Crashes (Utah 2008)

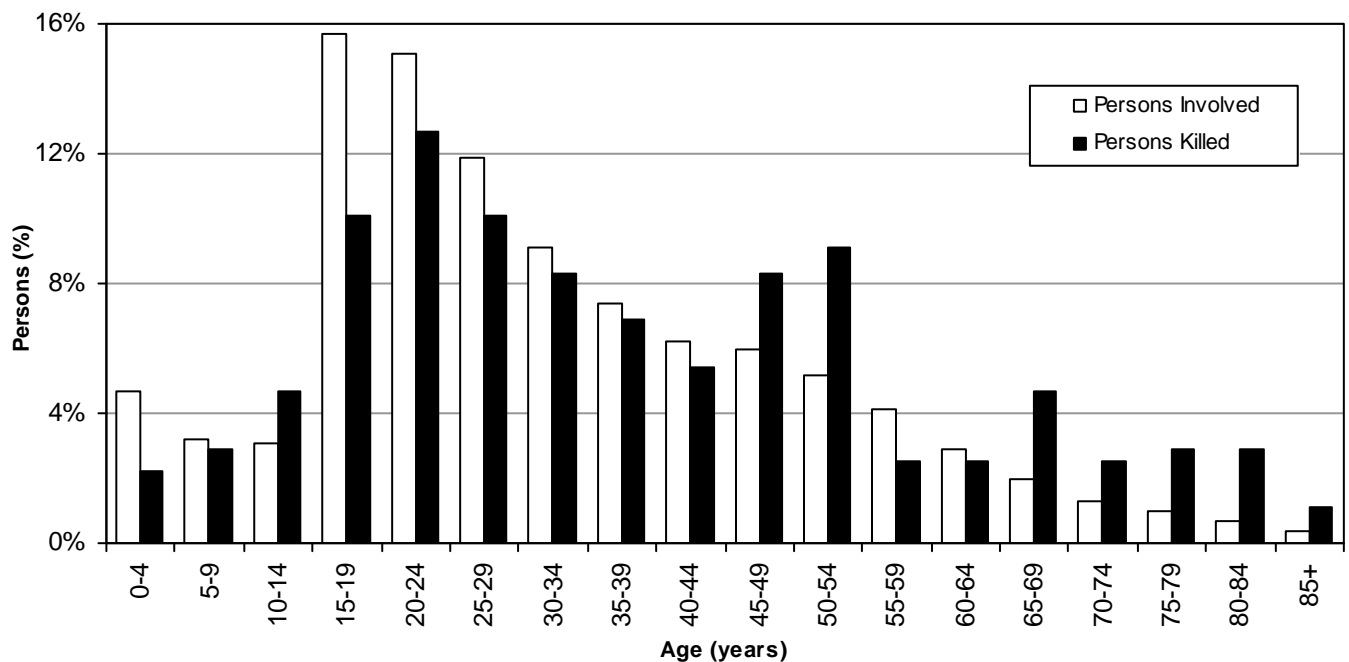
Persons								
Gender	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Male	63,197	55.6%	11,754	47.6%	193	69.9%	75,144	54.2%
Female	46,892	41.2%	12,726	51.6%	83	30.1%	59,701	43.0%
Unknown	3,655	3.2%	193	0.8%	0	0.0%	3,848	2.8%
Total	113,744	100.0%	24,673	100.0%	276	100.0%	138,693	100.0%

- Males comprised over half (54.2%) of all persons in crashes and over two-thirds (69.9%) of deaths, while females sustained more injuries (51.6%) than males.
- Males were 1.8 times more likely to die than females in a crash.

Persons Involved

Age of Persons in Crashes (Utah 2008)

Age	Persons							
	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
0-4	5,025	4.4%	616	2.5%	6	2.2%	5,647	4.1%
5-9	3,498	3.1%	702	2.8%	8	2.9%	4,208	3.0%
10-14	3,200	2.8%	867	3.5%	13	4.7%	4,080	2.9%
15-19	17,082	15.0%	3,697	15.0%	28	10.1%	20,807	15.0%
20-24	16,197	14.2%	3,799	15.4%	35	12.7%	20,031	14.4%
25-29	12,872	11.3%	2,888	11.7%	28	10.1%	15,788	11.4%
30-34	9,931	8.7%	2,091	8.5%	23	8.3%	12,045	8.7%
35-39	8,003	7.0%	1,790	7.3%	19	6.9%	9,812	7.1%
40-44	6,739	5.9%	1,500	6.1%	15	5.4%	8,254	6.0%
45-49	6,462	5.7%	1,491	6.0%	23	8.3%	7,976	5.8%
50-54	5,633	5.0%	1,272	5.2%	25	9.1%	6,930	5.0%
55-59	4,357	3.8%	1,045	4.2%	7	2.5%	5,409	3.9%
60-64	3,107	2.7%	778	3.2%	7	2.5%	3,892	2.8%
65-69	2,079	1.8%	502	2.0%	13	4.7%	2,594	1.9%
70-74	1,433	1.3%	346	1.4%	7	2.5%	1,786	1.3%
75-79	1,072	0.9%	248	1.0%	8	2.9%	1,328	1.0%
80-84	740	0.7%	211	0.9%	8	2.9%	959	0.7%
85+	429	0.4%	136	0.6%	3	1.1%	568	0.4%
Unknown	5,885	5.2%	694	2.8%	0	0.0%	6,579	4.7%
Total	113,744	100.0%	24,673	100.0%	276	100.0%	138,693	100.0%



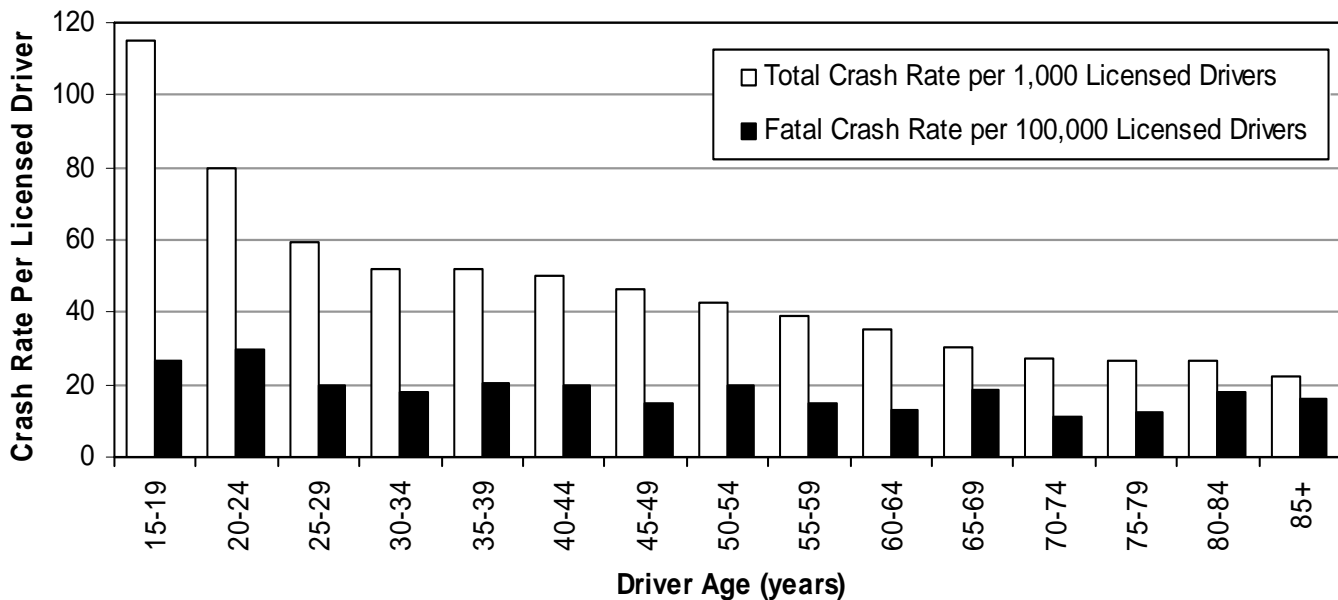
- The largest proportion of persons in crashes were aged 15-19 years (15.0%).
- The largest proportion of persons killed were aged 20-24 years (12.7%).
- The average age of a person in a crash was 32 years. The average age of a person killed was 38 years.
- While persons aged 65 years and older represented a small proportion of the persons in crashes (5.5%), they were 2.8 times more likely than all other age groups to die.

Drivers

Driver Age (Utah 2008)

Drivers												
Age	PDO Crashes			Injury Crashes			Fatal Crashes			Total		
	#	%	Rate per 1,000 Drivers	#	%	Rate per 1,000 Drivers	#	%	Rate per 1,000 Drivers	#	%	Rate per 1,000 Drivers
<15	52	0.1%	n/a	56	0.2%	n/a	2	0.6%	n/a	110	0.1%	n/a
15-19	9,386	13.9%	78.2	4,374	13.9%	36.4	32	9.1%	0.27	13,792	13.9%	114.9
20-24	10,698	15.8%	53.8	5,061	16.1%	25.5	59	16.8%	0.30	15,818	15.9%	79.6
25-29	8,947	13.2%	40.6	4,151	13.2%	18.8	43	12.3%	0.20	13,141	13.2%	59.6
30-34	6,979	10.3%	35.3	3,308	10.5%	16.7	36	10.3%	0.18	10,323	10.4%	52.2
35-39	5,753	8.5%	35.0	2,729	8.7%	16.6	34	9.7%	0.21	8,516	8.6%	51.8
40-44	4,853	7.2%	34.3	2,213	7.0%	15.6	28	8.0%	0.20	7,094	7.1%	50.1
45-49	4,606	6.8%	31.0	2,221	7.1%	15.0	22	6.3%	0.15	6,849	6.9%	46.2
50-54	4,027	6.0%	28.6	1,917	6.1%	13.6	28	8.0%	0.20	5,972	6.0%	42.4
55-59	3,134	4.6%	26.1	1,487	4.7%	12.4	18	5.1%	0.15	4,639	4.7%	38.7
60-64	2,201	3.3%	23.4	1,129	3.6%	12.0	12	3.4%	0.13	3,342	3.4%	35.5
65-69	1,418	2.1%	20.2	692	2.2%	9.8	13	3.7%	0.18	2,123	2.1%	30.2
70-74	940	1.4%	17.9	488	1.6%	9.3	6	1.7%	0.11	1,434	1.4%	27.3
75-79	698	1.0%	17.5	353	1.1%	8.8	5	1.4%	0.13	1,056	1.1%	26.5
80-84	458	0.7%	16.4	276	0.9%	9.9	5	1.4%	0.18	739	0.7%	26.5
85+	265	0.4%	14.2	152	0.5%	8.1	3	0.9%	0.16	420	0.4%	22.5
Unknown	3,171	4.7%	n/a	875	2.8%	n/a	5	1.4%	n/a	4,051	4.1%	n/a
Total	67,586	100.0%	38.5	31,482	100.0%	17.9	351	100.0%	0.20	99,419	100.0%	56.6

Crash Rate of Licensed Drivers by Age (Utah 2008)



- Drivers aged 15-19 years had the highest rates per licensed driver of total crashes, injury crashes, and property damage only crashes. Drivers aged 20-24 years had the highest rates of fatal crashes.
- Drivers aged 85+ years had the lowest rate per licensed driver of total crashes (22.5).
- Drivers aged 70-74 years had the lowest rate per licensed driver of fatal crashes (0.11).
- The average age of a driver was 36 years. The average age of a driver in a fatal crash was 38 years.

Drivers

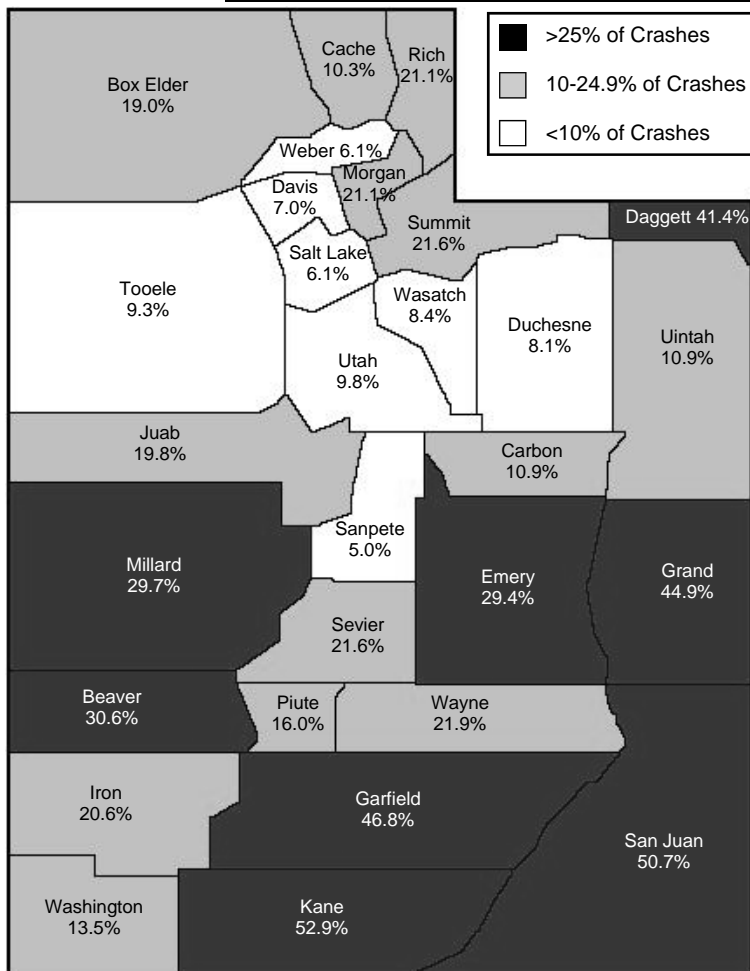
Driver Gender (Utah 2008)

Drivers												
Gender	PDO Crashes			Injury Crashes			Fatal Crashes			Total		
	#	%	Rate per	#	%	Rate per	#	%	Rate per	#	%	Rate per
			1,000 Drivers			1,000 Drivers			1,000 Drivers			1,000 Drivers
Male	39,085	57.8%	43.9	17,285	54.9%	19.4	259	73.8%	0.29	56,629	57.0%	63.6
Female	25,805	38.2%	29.8	13,575	43.1%	15.7	89	25.4%	0.10	39,469	39.7%	45.6
Unknown	2,696	4.0%	n/a	622	2.0%	n/a	3	0.9%	n/a	3,321	3.3%	n/a
Total	67,586	100.0%	38.5	31,482	100.0%	17.9	351	100.0%	0.20	99,419	100.0%	56.6

- Males represented 57.0% of all drivers in a crash and 73.8% of drivers in fatal crashes.
- Statistically speaking, females are better drivers than males. Male drivers had higher rates of total crashes and fatal crashes. Male drivers were 2.0 times more likely to be in a fatal crash than female drivers.

Out-of-State Drivers (Utah 2008)

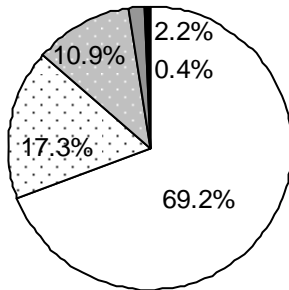
Drivers									
License State	PDO Crashes		Injury Crashes		Fatal Crashes		Total		
	#	%	#	%	#	%	#	%	
Utah	60,326	89.3%	28,351	90.1%	301	85.8%	88,978	89.5%	
Out-Of-State	6,004	8.9%	2,763	8.8%	46	13.1%	8,813	8.9%	
Unknown	1,256	1.9%	368	1.2%	4	1.1%	1,628	1.6%	
Total	67,586	100.0%	31,482	100.0%	351	100.0%	99,419	100.0%	



- Although out-of-state licensed drivers represented 8.9% of all drivers in crashes, they represented 13.1% of drivers in fatal crashes.
- There were several counties that had a disproportionate amount of out-of-state drivers in crashes. Most notably in Kane (52.9%), San Juan (50.7%), Garfield (46.8%), Grand (44.9%), and Daggett (41.4%) where half of the drivers in crashes were out-of-state drivers. These drivers may place an extra burden on the residents and medical services in these counties.

Crash Conditions

Crash Severity (Utah 2008)



- No Injury
- Possible Injury
- Non-Incapacitating Injury
- Incapacitating Injury
- Death

- For crashes that occurred in Utah during 2008, 69.2% resulted in property damage only, 30.4% resulted in some level of injury, and 0.4% involved a death.

Month (Utah 2008)

Crashes									
Month	Days in Month	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
		#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day
January	31	4,797	154.7	1,516	48.9	14	0.45	6,327	204.1
February	29	3,710	127.9	1,238	42.7	9	0.31	4,957	170.9
March	31	3,000	96.8	1,333	43.0	12	0.39	4,345	140.2
April	30	2,578	85.9	1,347	44.9	12	0.40	3,937	131.2
May	31	2,848	91.9	1,463	47.2	28	0.90	4,339	140.0
June	30	2,643	88.1	1,472	49.1	29	0.97	4,144	138.1
July	31	2,719	87.7	1,367	44.1	24	0.77	4,110	132.6
August	31	2,783	89.8	1,511	48.7	27	0.87	4,321	139.4
September	30	2,779	92.6	1,462	48.7	22	0.73	4,263	142.1
October	31	3,066	98.9	1,485	47.9	27	0.87	4,578	147.7
November	30	3,012	100.4	1,353	45.1	22	0.73	4,387	146.2
December	31	5,062	163.3	1,578	50.9	19	0.61	6,659	214.8
Total	366	38,997	106.5	17,125	46.8	245	0.67	56,367	154.0

- Total crash rates per day were highest in December and January.
- The highest rates per day for fatal crashes occurred during June, May, August, and October.

Day of Week (Utah 2008)

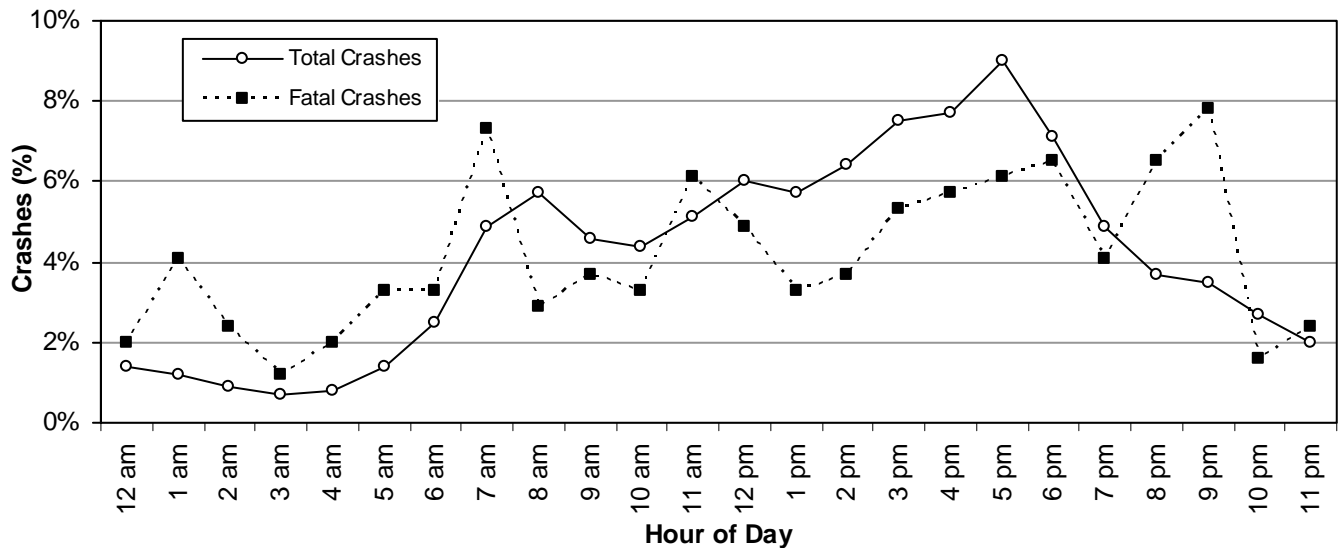
Crashes								
Day of Week	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Sunday	3,199	8.2%	1,500	8.8%	35	14.3%	4,734	8.4%
Monday	6,427	16.5%	2,742	16.0%	28	11.4%	9,197	16.3%
Tuesday	6,054	15.5%	2,622	15.3%	39	15.9%	8,715	15.5%
Wednesday	6,066	15.6%	2,579	15.1%	28	11.4%	8,673	15.4%
Thursday	5,786	14.8%	2,475	14.5%	29	11.8%	8,290	14.7%
Friday	6,535	16.8%	2,817	16.4%	39	15.9%	9,391	16.7%
Saturday	4,930	12.6%	2,390	14.0%	47	19.2%	7,367	13.1%
Total	38,997	100.0%	17,125	100.0%	245	100.0%	56,367	100.0%

- The highest percentage of total crashes occurred on Friday (16.7%).
- The highest percentage of fatal crashes occurred on Saturday (19.2%).
- Crashes on the weekend were 1.8 times more likely to be fatal than weekday crashes.

Crash Conditions

Hour (Utah 2008)

Crashes								
Hour	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Midnight	521	1.3%	261	1.5%	5	2.0%	787	1.4%
1 a.m.	452	1.2%	204	1.2%	10	4.1%	666	1.2%
2 a.m.	346	0.9%	179	1.0%	6	2.4%	531	0.9%
3 a.m.	273	0.7%	131	0.8%	3	1.2%	407	0.7%
4 a.m.	329	0.8%	141	0.8%	5	2.0%	475	0.8%
5 a.m.	537	1.4%	223	1.3%	8	3.3%	768	1.4%
6 a.m.	1,017	2.6%	376	2.2%	8	3.3%	1,401	2.5%
7 a.m.	1,993	5.1%	756	4.4%	18	7.3%	2,767	4.9%
8 a.m.	2,325	6.0%	867	5.1%	7	2.9%	3,199	5.7%
9 a.m.	1,878	4.8%	714	4.2%	9	3.7%	2,601	4.6%
10 a.m.	1,771	4.5%	717	4.2%	8	3.3%	2,496	4.4%
11 a.m.	2,059	5.3%	826	4.8%	15	6.1%	2,900	5.1%
Noon	2,382	6.1%	1,007	5.9%	12	4.9%	3,401	6.0%
1 p.m.	2,193	5.6%	1,003	5.9%	8	3.3%	3,204	5.7%
2 p.m.	2,480	6.4%	1,096	6.4%	9	3.7%	3,585	6.4%
3 p.m.	2,893	7.4%	1,342	7.8%	13	5.3%	4,248	7.5%
4 p.m.	2,953	7.6%	1,385	8.1%	14	5.7%	4,352	7.7%
5 p.m.	3,437	8.8%	1,600	9.3%	15	6.1%	5,052	9.0%
6 p.m.	2,714	7.0%	1,272	7.4%	16	6.5%	4,002	7.1%
7 p.m.	1,837	4.7%	891	5.2%	10	4.1%	2,738	4.9%
8 p.m.	1,405	3.6%	643	3.8%	16	6.5%	2,064	3.7%
9 p.m.	1,318	3.4%	624	3.6%	19	7.8%	1,961	3.5%
10 p.m.	1,042	2.7%	504	2.9%	4	1.6%	1,550	2.7%
11 p.m.	794	2.0%	344	2.0%	6	2.4%	1,144	2.0%
Unknown	48	0.1%	19	0.1%	1	0.4%	68	0.1%
Total	38,997	100.0%	17,125	100.0%	245	100.0%	56,367	100.0%



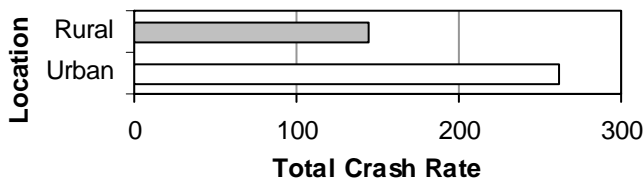
- Total crashes were more likely to occur between 3:00 p.m. and 6:59 p.m., with a peak at 5:00 p.m.
- Fatal crashes were highest during the hours of 7:00 a.m., 11:00 a.m., 4:00 p.m.-6:59 p.m., and 8:00-9:59 p.m.

Crash Conditions

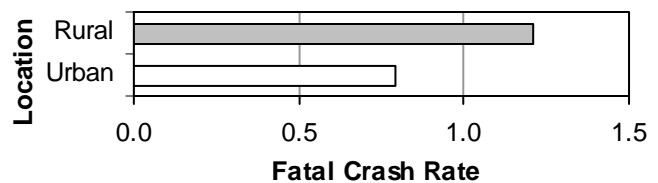
Urban/Rural Location (Utah 2008)

Crashes								
Location	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT
	Urban	29,078	179.3	13,215	81.5	128	0.79	42,421
Rural	9,919	102.6	3,910	40.4	117	1.21	13,946	144.2
Total	38,997	150.7	17,125	66.2	245	0.95	56,367	217.8

Total Crash Rates (Utah 2008)



Fatal Crash Rates (Utah 2008)



- While urban areas had a higher rate of total crashes per vehicle mile traveled, rural areas had a higher rate of fatal crashes per vehicle mile traveled.
- Crashes occurring in rural areas were 2.8 times more likely to result in a death than crashes in urban areas.

Road Surface Condition (Utah 2008)

Crashes								
Road Surface Condition	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Dry	27,934	71.6%	13,618	79.5%	217	88.6%	41,769	74.1%
Snow/Slush	4,888	12.5%	1,118	6.5%	10	4.1%	6,016	10.7%
Wet	3,383	8.7%	1,479	8.6%	11	4.5%	4,873	8.6%
Ice	2,004	5.1%	524	3.1%	5	2.0%	2,533	4.5%
Other	215	0.6%	194	1.1%	1	0.4%	410	0.7%
Unknown	573	1.5%	192	1.1%	1	0.4%	766	1.4%
Total	38,997	100.0%	17,125	100.0%	245	100.0%	56,367	100.0%

- Most (74.1%) crashes occur when roads are dry.
- Crashes on dry roads were 2.7 times more likely to be fatal compared to all other road surface conditions.







Light Condition (Utah 2008)

Crashes								
Light Condition	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Daylight	26,872	68.9%	11,958	69.8%	144	58.8%	38,974	69.1%
Dark	9,808	25.2%	4,207	24.6%	86	35.1%	14,101	25.0%
Dawn/Dusk	2,317	5.9%	960	5.6%	13	5.3%	3,290	5.8%
Unknown	0	0.0%	0	0.0%	2	0.8%	2	0.0%
Total	38,997	100.0%	17,125	100.0%	245	100.0%	56,367	100.0%

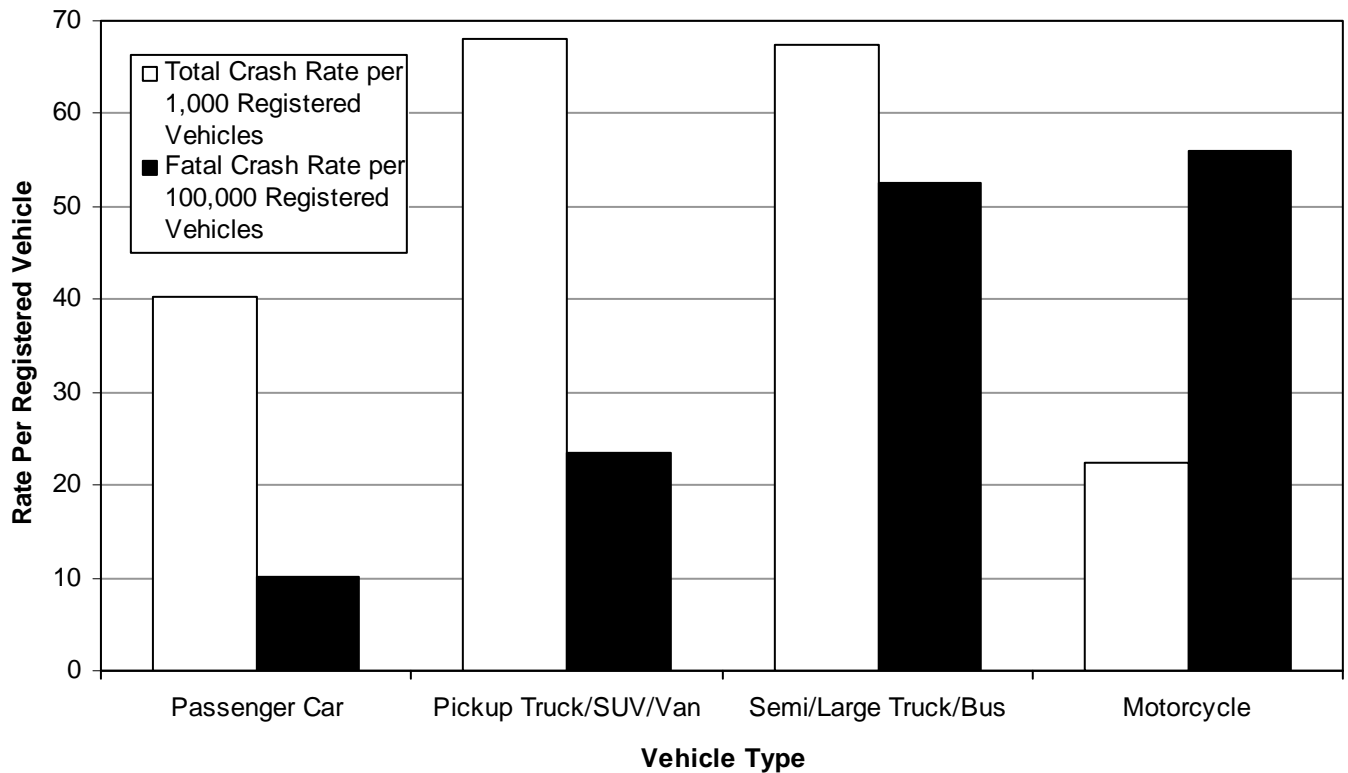
- The majority (69.1%) of crashes occur during daylight.
- Over one-third (35.1%) of fatal crashes occur during dark conditions.

Crash Conditions

Vehicle Type (Utah 2008)

Vehicles									
Vehicle Type	PDO Crashes		Injury Crashes		Fatal Crashes		Total		
	#	%	#	%	#	%	#	%	
Passenger Car	36,579	52.1%	16,914	52.6%	136	38.2%	53,629	52.2%	
SUV	12,235	17.4%	5,720	17.8%	54	15.2%	18,009	17.5%	
Pickup Truck	12,350	17.6%	4,820	15.0%	70	19.7%	17,240	16.8%	
Van	3,826	5.4%	1,910	5.9%	17	4.8%	5,753	5.6%	
Semi/Large Truck	3,131	4.5%	861	2.7%	33	9.3%	4,025	3.9%	
Motorcycle	180	0.3%	1,226	3.8%	36	10.1%	1,442	1.4%	
Bus	365	0.5%	98	0.3%	2	0.6%	465	0.5%	
Other	271	0.4%	217	0.7%	4	1.1%	492	0.5%	
Unknown	1,314	1.9%	365	1.1%	4	1.1%	1,683	1.6%	
Total	70,251	100.0%	32,131	100.0%	356	100.0%	102,738	100.0%	

Crash Rates by Vehicle Type (Utah 2008)



- When comparing vehicle types it is important to keep in mind that different vehicle types may have different usage patterns and thus different exposure. For example, semi/large truck may travel more miles per vehicle.
- Passenger car represented 64.6% of registered vehicles in Utah, pickup truck/SUV/van 29.1%, semi/large truck/bus 3.2%, and motorcycle 3.1%.
- For total crashes, passenger car (52.2%) and SUV (17.5%) were the leading vehicle types.
- Pickup truck/SUV/van and semi/large truck/bus had the highest total crash rates per registered vehicle.
- For fatal crashes, passenger car (38.2%) and pickup truck (19.7%) were the leading vehicle types.
- Motorcycle and semi/large truck/bus had the highest fatal crash rates per registered vehicle.
- While motorcycles represented 1.4% of vehicles in total crashes, they represented 10.1% of vehicles in fatal crashes. Crashes involving a motorcycle were 8 times more likely to be fatal than crashes of other vehicles.

Crash Conditions

Vehicle Maneuver Prior to Crash (Utah 2008)

Vehicles								
Vehicle Maneuver	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Straight Ahead	38188	54.4%	18424	57.3%	295	82.9%	56,907	55.4%
Stopped in Traffic Lane	7398	10.5%	4168	13.0%	7	2.0%	11,573	11.3%
Turning Left	6207	8.8%	3613	11.2%	18	5.1%	9,838	9.6%
Slowing in Traffic Lane	5180	7.4%	2281	7.1%	1	0.3%	7,462	7.3%
Turning Right	3282	4.7%	1100	3.4%	3	0.8%	4,385	4.3%
Parked	2996	4.3%	735	2.3%	0	0.0%	3,731	3.6%
Changing Lanes	2367	3.4%	574	1.8%	11	3.1%	2,952	2.9%
Backing	1721	2.4%	146	0.5%	0	0.0%	1,867	1.8%
Making U-turn	642	0.9%	263	0.8%	8	2.2%	913	0.9%
Entering Traffic Lane	643	0.9%	208	0.6%	0	0.0%	851	0.8%
Overtaking/Passing	478	0.7%	189	0.6%	7	2.0%	674	0.7%
Leaving Traffic Lane	168	0.2%	82	0.3%	0	0.0%	250	0.2%
Parking Maneuvers	161	0.2%	15	0.0%	1	0.3%	177	0.2%
Other	319	0.5%	142	0.4%	0	0.0%	461	0.4%
Unknown	501	0.7%	191	0.6%	5	1.4%	697	0.7%
Total	70,251	100.0%	32,131	100.0%	356	100.0%	102,738	100.0%

- For total crashes, straight ahead (55.4%), stopped in traffic lane (11.3%), and turning left (9.6%) were the leading vehicle maneuvers prior to the crash.
- For fatal crashes, straight ahead (82.9%), turning left (5.1%), and changing lanes (3.1%) were the leading vehicle maneuvers prior to the crash.
- Overtaking/passing was one of the deadliest maneuvers to make as crashes were 3 times more likely to be fatal compared to other vehicle maneuvers.

Speed Limit (Utah 2008)

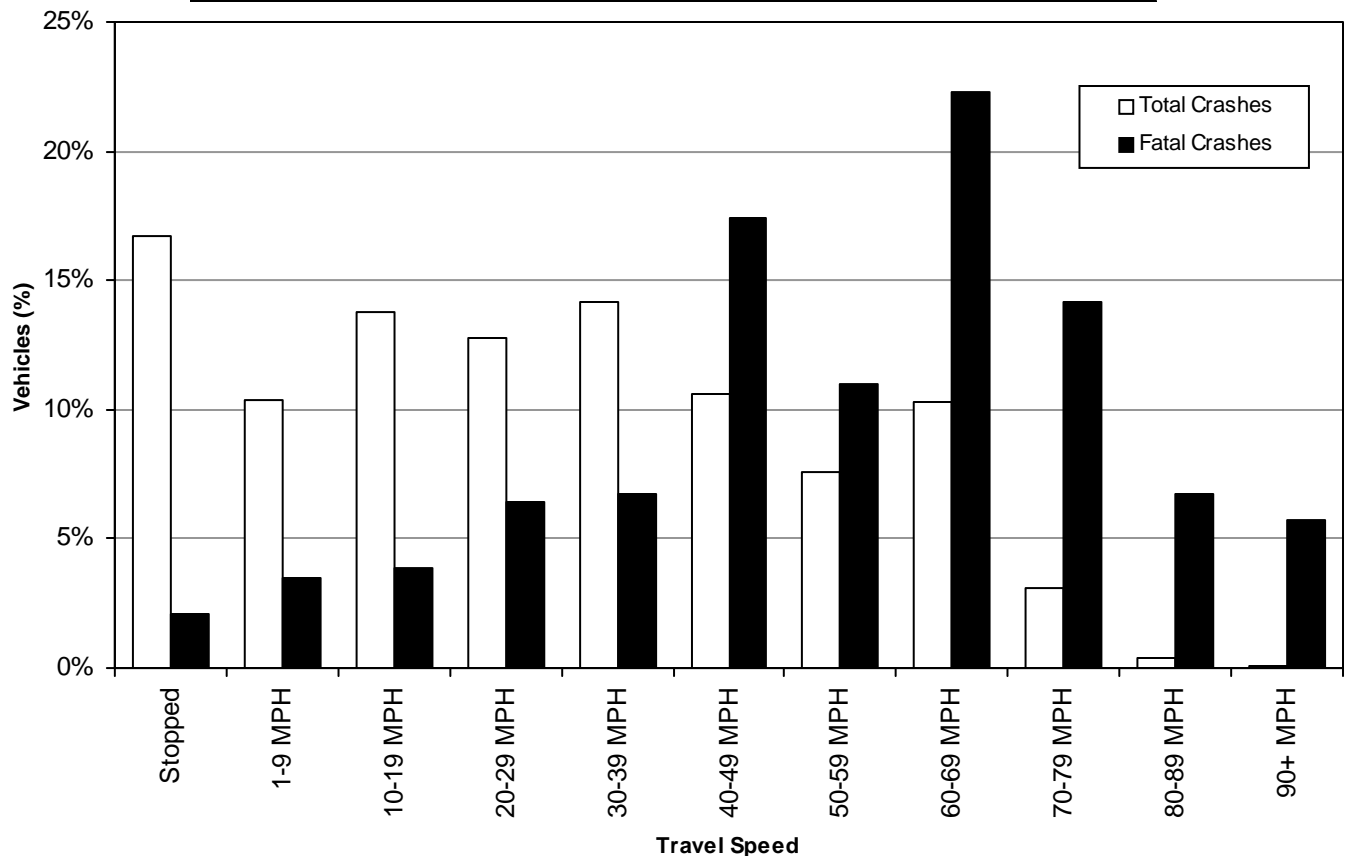
Vehicles								
Speed Limit	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
5-15 MPH	374	0.5%	126	0.4%	2	0.6%	502	0.5%
20-25 MPH	7,665	10.9%	2,900	9.0%	17	4.8%	10,582	10.3%
30-35 MPH	14,141	20.1%	7,582	23.6%	47	13.2%	21,770	21.2%
40-45 MPH	13,145	18.7%	7,586	23.6%	79	22.2%	20,810	20.3%
50-55 MPH	5,280	7.5%	2,474	7.7%	53	14.9%	7,807	7.6%
60-65 MPH	12,963	18.5%	4,536	14.1%	104	29.2%	17,603	17.1%
70+ MPH	1,980	2.8%	917	2.9%	48	13.5%	2,945	2.9%
Unknown	14,703	20.9%	6,010	18.7%	6	1.7%	20,719	20.2%
Total	70,251	100.0%	32,131	100.0%	356	100.0%	102,738	100.0%

- The speed limit on the roadway was 30-45 MPH for over half (51.9% where speed limit was known) of the total vehicles in crashes.
- Fatal crashes were more likely to occur with higher speed limits. The speed limit was 60 MPH or higher for nearly one-half (43.4% of known) of the vehicles in fatal crashes.
- Crashes where the speed limit was 50 MPH or higher were 2.7 times more likely to be fatal.
- Studies show that a 5% increase in average speed leads to a 10% increase in injury crashes and a 20% increase in fatal crashes. A 5% decrease in speed leads to a 10% decrease in injury crashes and a 20% decrease in fatal crashes.

Crash Conditions

Travel Speed (Utah 2008)

Travel Speed	Vehicles							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Stopped	7,868	11.2%	4,375	13.6%	6	1.7%	12,249	11.9%
1-9 MPH	5,590	8.0%	2,049	6.4%	10	2.8%	7,649	7.4%
10-19 MPH	7,163	10.2%	2,965	9.2%	11	3.1%	10,139	9.9%
20-29 MPH	6,421	9.1%	2,939	9.1%	18	5.1%	9,378	9.1%
30-39 MPH	6,662	9.5%	3,712	11.6%	19	5.3%	10,393	10.1%
40-49 MPH	4,949	7.0%	2,739	8.5%	50	14.0%	7,738	7.5%
50-59 MPH	3,957	5.6%	1,599	5.0%	31	8.7%	5,587	5.4%
60-69 MPH	5,504	7.8%	1,969	6.1%	63	17.7%	7,536	7.3%
70-79 MPH	1,505	2.1%	754	2.3%	41	11.5%	2,300	2.2%
80-89 MPH	123	0.2%	118	0.4%	20	5.6%	261	0.3%
90+ MPH	28	0.0%	60	0.2%	15	4.2%	103	0.1%
Unknown	20,481	29.2%	8,852	27.5%	72	20.2%	29,405	28.6%
Total	70,251	100.0%	32,131	100.0%	356	100.0%	102,738	100.0%



- Over half (51.2% where travel speed was known) of vehicles in total crashes were traveling 1-39 MPH.
- Vehicles in fatal crashes were more likely to be traveling at higher speeds. 59.9% (of known) of vehicles in fatal crashes were traveling 50 MPH or higher.
- Crashes involving vehicles traveling 50 MPH or higher were 5.5 times more likely to be fatal.
- The higher the speed the greater the amount of energy that must be absorbed in a crash, hence there is more likelihood of serious injury.
- Drivers become increased risks to themselves and other people on the highway due to higher speeds.

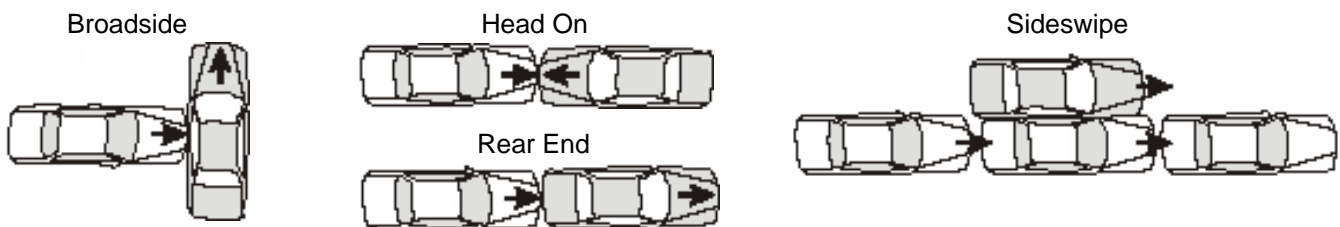
Crash Conditions

First Harmful Event (Utah 2008)

Crashes								
First Harmful Event	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Collision with Another Motor Vehicle	25,616	65.7%	11,084	64.7%	91	37.1%	36,791	65.3%
Collision with Animal	2,448	6.3%	178	1.0%	3	1.2%	2,629	4.7%
Collision with Concrete/Cable Barrier	1,481	3.8%	499	2.9%	13	5.3%	1,993	3.5%
Collision with Parked Vehicle	1,017	2.6%	227	1.3%	3	1.2%	1,247	2.2%
Collision with Post, Pole, or Support	881	2.3%	282	1.6%	22	9.0%	1,185	2.1%
Collision with Other Fixed Object	827	2.1%	297	1.7%	2	0.8%	1,126	2.0%
Overturn/Rollover	442	1.1%	632	3.7%	50	20.4%	1,124	2.0%
Collision with Other Non-Fixed Object	808	2.1%	213	1.2%	1	0.4%	1,022	1.8%
Collision with Bicyclist	79	0.2%	692	4.0%	4	1.6%	775	1.4%
Collision with Pedestrian	50	0.1%	574	3.4%	33	13.5%	657	1.2%
Collision with Fence	446	1.1%	106	0.6%	2	0.8%	554	1.0%
Collision with Embankment	254	0.7%	129	0.8%	9	3.7%	392	0.7%
Collision with Guardrail	274	0.7%	103	0.6%	6	2.4%	383	0.7%
Other Non-Collision	202	0.5%	136	0.8%	1	0.4%	339	0.6%
Collision with Tree/Shrubbery	201	0.5%	133	0.8%	2	0.8%	336	0.6%
Collision with Ditch	158	0.4%	94	0.5%	0	0.0%	252	0.4%
Collision with Thrown or Fallen Object	217	0.6%	22	0.1%	0	0.0%	239	0.4%
Collision with Mailbox/Fire Hydrant	183	0.5%	39	0.2%	0	0.0%	222	0.4%
Cargo/Equipment Loss or Shift	143	0.4%	12	0.1%	0	0.0%	155	0.3%
Fire/Explosion	145	0.4%	9	0.1%	0	0.0%	154	0.3%
Collision with Crash Cushion	76	0.2%	49	0.3%	0	0.0%	125	0.2%
Fell/Jumped from Vehicle	13	0.0%	62	0.4%	2	0.8%	77	0.1%
Jackknife	51	0.1%	15	0.1%	0	0.0%	66	0.1%
Collision with Work Zone/Equipment	39	0.1%	8	0.0%	0	0.0%	47	0.1%
Collision with Bridge	34	0.1%	11	0.1%	1	0.4%	46	0.1%
Collision with Culvert	21	0.1%	9	0.1%	0	0.0%	30	0.1%
Collision with Train	19	0.0%	10	0.1%	0	0.0%	29	0.1%
Immersion	9	0.0%	5	0.0%	0	0.0%	14	0.0%
Unknown	2,863	7.3%	1,495	8.7%	0	0.0%	4,358	7.7%
Total	38,997	100.0%	17,125	100.0%	245	100.0%	56,367	100.0%

- For all crashes, the leading first harmful event was collision with another motor vehicle.
- For total crashes, collision with animal (4.7%) and collision with concrete/cable barrier (3.5%) were the next highest first harmful events. See page 28 for more information on collisions with animals.
- For fatal crashes, overturn/rollover (20.4%) and collision with pedestrian (13.5%) were the next highest first harmful events.
- Overturn/rollover was 12 times more likely to result in a death than other first harmful events.

Collision Examples



Crash Conditions

Collision Description (Utah 2008)

Crashes (Two or More Motor Vehicles)								
Collision Description	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Rear End	11,537	40.8%	5,196	43.3%	9	9.6%	16,742	41.4%
Broadside	8,688	30.7%	4,865	40.5%	46	48.9%	13,599	33.7%
Sideswipe	4,288	15.2%	788	6.6%	19	20.2%	5,095	12.6%
Parked Vehicle	2,538	9.0%	521	4.3%	0	0.0%	3,059	7.6%
Head On	350	1.2%	389	3.2%	19	20.2%	758	1.9%
Backing Vehicle	254	0.9%	47	0.4%	0	0.0%	301	0.7%
Unknown	634	2.2%	203	1.7%	1	1.1%	838	2.1%
Total	28,289	100.0%	12,009	100.0%	94	100.0%	40,392	100.0%

- For all crashes, the leading collision types involving two or more motor vehicles were rear end (41.4%) and broadside (33.7%).
- The leading collision types in fatal crashes were broadside (48.9%), head on (20.2%), and sideswipe (20.2%).
- Head on collisions were 13 times more likely to result in a death than other collisions involving two or more motor vehicles.

Number of Vehicles Involved (Utah 2008)

Crashes								
Vehicles Involved	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
1	10,713	27.5%	5,117	29.9%	146	59.6%	15,976	28.3%
2	25,827	66.2%	9,735	56.8%	89	36.3%	35,651	63.2%
3	2,087	5.4%	1,785	10.4%	8	3.3%	3,880	6.9%
4	298	0.8%	388	2.3%	2	0.8%	688	1.2%
5 or more	72	0.2%	100	0.6%	0	0.0%	172	0.3%
Total	38,997	100.0%	17,125	100.0%	245	100.0%	56,367	100.0%

- While the majority (63.2%) of all crashes involved two or more motor vehicles, 59.6% of fatal crashes involved only one motor vehicle.

Driver Distraction (Utah 2008)

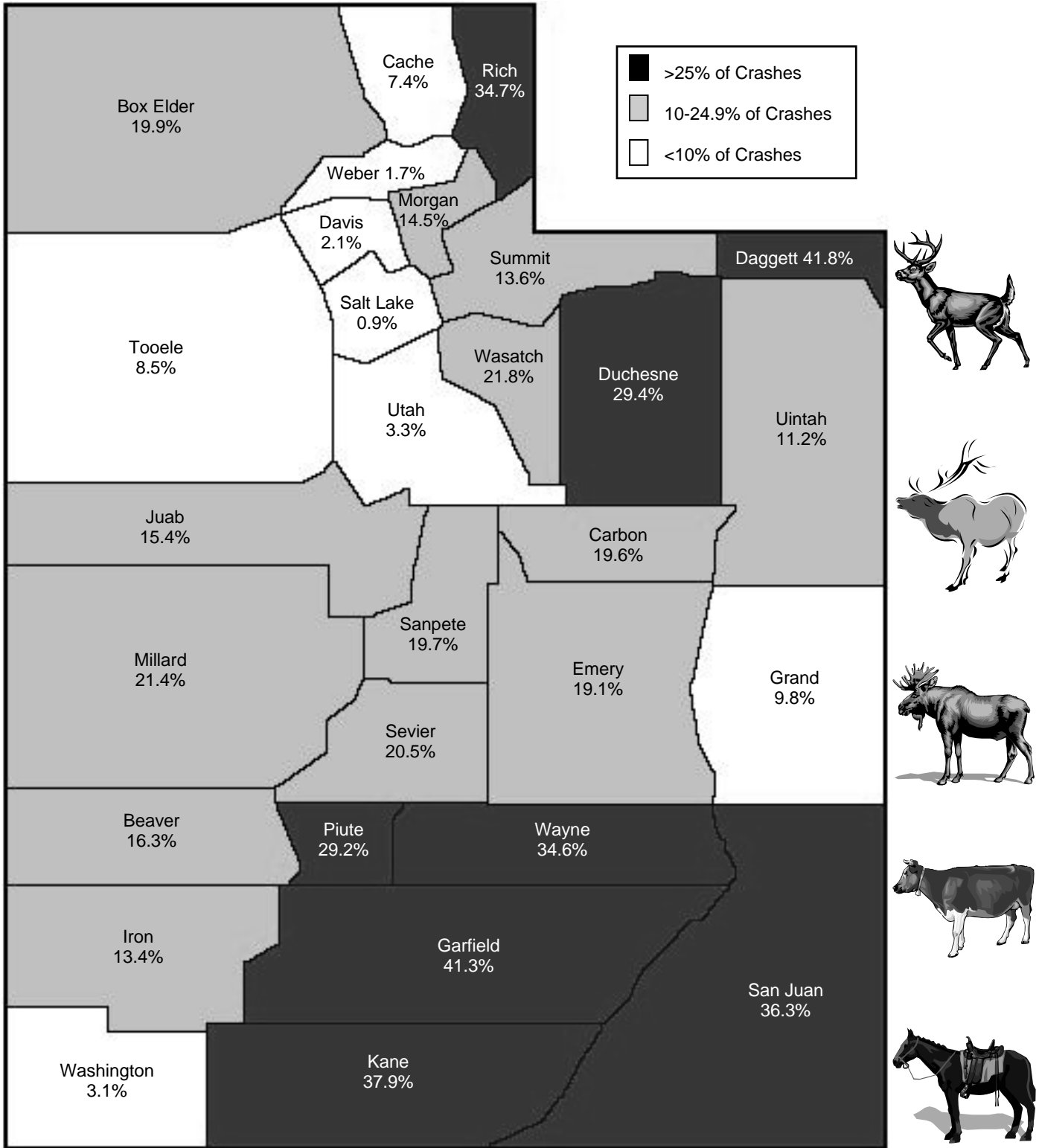
Crashes								
Driver Distraction	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
None	30,486	78.2%	12,564	73.4%	127	51.8%	43,177	76.6%
Cell Phone	514	1.3%	364	2.1%	4	1.6%	882	1.6%
Passengers	350	0.9%	297	1.7%	4	1.6%	651	1.2%
Radio/CD/DVD etc.	188	0.5%	129	0.8%	0	0.0%	317	0.6%
Other Electronic Device	71	0.2%	47	0.3%	0	0.0%	118	0.2%
Other	1,730	4.4%	1,103	6.4%	9	3.7%	2,842	5.0%
Unknown	5,658	14.5%	2,621	15.3%	101	41.2%	8,380	14.9%
Total	38,997	100.0%	17,125	100.0%	245	100.0%	56,367	100.0%



- For all crashes where driver distraction was known, 10.0% of crashes involved a distracted driver. Cell phone was the leading driver distraction (18.3% of distractions). Driving demands the full attention of the driver.
- While these numbers are significant, they may not state the true size of the problem, since the identification of distraction and its role in the crash by law enforcement can be very difficult.

Crash Conditions

Percent of Crashes Involving Animals by County (Utah 2008)



- There were 2,740 collisions with animals, 2,342 (85.5%) involved a wild animal and 398 (14.5%) involved a domestic animal.
- Daggett (41.8%), Garfield (41.3%), and Kane (37.9%) had the highest percent of crashes involving an animal.

Crash Conditions

Violations (Utah 2008)

Drivers								
Violations	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Following Too Close	1,837	23.8%	738	23.8%	0	0.0%	2,575	23.7%
Improper Lane Change/Travel	1,732	22.4%	611	19.7%	2	3.8%	2,345	21.5%
Speed	1,185	15.3%	406	13.1%	4	7.5%	1,595	14.7%
Improper Turn	759	9.8%	323	10.4%	2	3.8%	1,084	10.0%
Driving Under the Influence	244	3.2%	265	8.6%	5	9.4%	514	4.7%
License Violation	233	3.0%	131	4.2%	4	7.5%	368	3.4%
Negligent Collision	224	2.9%	87	2.8%	0	0.0%	311	2.9%
Equipment Violation	208	2.7%	39	1.3%	0	0.0%	247	2.3%
Improper Start or Stop	178	2.3%	66	2.1%	0	0.0%	244	2.2%
Failure to Yield Right of Way	158	2.0%	73	2.4%	4	7.5%	235	2.2%
Insurance Violation	172	2.2%	56	1.8%	2	3.8%	230	2.1%
Improper Lookout	162	2.1%	48	1.5%	0	0.0%	210	1.9%
Hit and Run	117	1.5%	21	0.7%	1	1.9%	139	1.3%
Failure to Obey Traffic Control Device	75	1.0%	64	2.1%	0	0.0%	139	1.3%
Careless Driving	63	0.8%	27	0.9%	0	0.0%	90	0.8%
Improper Backing	64	0.8%	4	0.1%	0	0.0%	68	0.6%
Reckless Driving	26	0.3%	25	0.8%	3	5.7%	54	0.5%
Registration Violation	43	0.6%	10	0.3%	0	0.0%	53	0.5%
Improper Passing	37	0.5%	11	0.4%	0	0.0%	48	0.4%
Failure to Stop at Red Light	18	0.2%	19	0.6%	2	3.8%	39	0.4%
Alcohol/Drug Violation, Other than DUI	11	0.1%	11	0.4%	4	7.5%	26	0.2%
Failure to Stop at Stop Sign	17	0.2%	9	0.3%	0	0.0%	26	0.2%
Seat belt/Child Restraint	11	0.1%	11	0.4%	0	0.0%	22	0.2%
Vehicle Homicide	0	0.0%	0	0.0%	19	35.8%	19	0.2%
Wrong Side of Road	16	0.2%	3	0.1%	0	0.0%	19	0.2%
Other Moving Violation	132	1.7%	37	1.2%	1	1.9%	170	1.6%
Other Non-Moving Violation	10	0.1%	2	0.1%	0	0.0%	12	0.1%
Total	7,732	100.0%	3,097	100.0%	53	100.0%	10,882	100.0%

- There were 10,882 citations issued at the scene of the crash. The most common violations were for following too close (23.7%), improper lane change/travel (21.5%), and speed (14.7%).
- The leading violations in fatal crashes were vehicle homicide (35.8%) and driving under the influence (9.4%).

Crash Conditions

Contributing Factors (Utah 2008)

Drivers/Vehicles								
Contributing Factors	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Followed Too Closely	8,276	14.5%	3,910	13.5%	7	1.2%	12,193	14.1%
Failed to Yield Right of Way	6,194	10.9%	3,863	13.3%	37	6.4%	10,094	11.7%
Speed Too Fast	7,092	12.4%	2,793	9.7%	88	15.2%	9,973	11.5%
Failed to Keep in Proper Lane	4,386	7.7%	2,015	7.0%	77	13.3%	6,478	7.5%
Other Improper Driving	3,875	6.8%	2,110	7.3%	8	1.4%	5,993	6.9%
Vision Obscured by Weather Condition	4,028	7.1%	1,373	4.7%	1	0.2%	5,402	6.2%
Driver Distraction	2,926	5.1%	2,007	6.9%	11	1.9%	4,944	5.7%
Improper Turn	2,263	4.0%	965	3.3%	10	1.7%	3,238	3.7%
Disregard Traffic Signal/Sign	1,425	2.5%	1,384	4.8%	24	4.1%	2,833	3.3%
Improper Lane Change	1,850	3.2%	434	1.5%	10	1.7%	2,294	2.6%
Driving Under the Influence	1,139	2.0%	1,074	3.7%	58	10.0%	2,271	2.6%
Ran Off Road	1,266	2.2%	872	3.0%	80	13.8%	2,218	2.6%
Hit and Run	1,715	3.0%	461	1.6%	4	0.7%	2,180	2.5%
Overcorrected	1,030	1.8%	793	2.7%	46	7.9%	1,869	2.2%
Swerved or Evasive Action	1,133	2.0%	604	2.1%	21	3.6%	1,758	2.0%
Improper Backing	1,342	2.4%	95	0.3%	0	0.0%	1,437	1.7%
Vehicle Other Defective Condition	1,025	1.8%	339	1.2%	0	0.0%	1,364	1.6%
Asleep/Fatigue	595	1.0%	513	1.8%	18	3.1%	1,126	1.3%
Vision Obscured by Moving Vehicle	608	1.1%	357	1.2%	6	1.0%	971	1.1%
Improper Parking/Stopping	607	1.1%	239	0.8%	1	0.2%	847	1.0%
Other Driver Condition	369	0.6%	347	1.2%	0	0.0%	716	0.8%
Reckless/Aggressive Driving	380	0.7%	289	1.0%	14	2.4%	683	0.8%
Vision Obscured by Other	405	0.7%	274	0.9%	3	0.5%	682	0.8%
Driver Emotionally Upset	342	0.6%	310	1.1%	5	0.9%	657	0.8%
Vehicle Brakes	394	0.7%	226	0.8%	1	0.2%	621	0.7%
Vehicle Tires	436	0.8%	170	0.6%	10	1.7%	616	0.7%
Improper Passing	452	0.8%	110	0.4%	4	0.7%	566	0.7%
Vision Obscured by Glare	326	0.6%	231	0.8%	3	0.5%	560	0.6%
Vision Obscured by Parked Vehicle	314	0.6%	123	0.4%	0	0.0%	437	0.5%
Driver Illness	137	0.2%	216	0.7%	2	0.3%	355	0.4%
Wrong Side/Wrong Way	176	0.3%	142	0.5%	28	4.8%	346	0.4%
Vision Obscured by Building, Sign, etc.	178	0.3%	95	0.3%	1	0.2%	274	0.3%
Disregard Road Markings	118	0.2%	82	0.3%	0	0.0%	200	0.2%
Windshield or Other Window Obscured	98	0.2%	38	0.1%	1	0.2%	137	0.2%
Vision Obscured by Vegetation	75	0.1%	58	0.2%	1	0.2%	134	0.2%
Improper Signal	98	0.2%	28	0.1%	0	0.0%	126	0.1%
Total	57,073	100.0%	28,940	100.0%	580	100.0%	86,593	100.0%

- Some form of poor driver performance is present in the majority of crashes. The leading contributing factors for all crashes were followed too closely (14.1%), failed to yield right of way (11.7%), and speed too fast (11.5%).
- The leading contributing factors in fatal crashes were speed too fast (15.2%), ran off road (13.8%), and failed to keep in proper lane (13.3%).

Motor vehicle crashes are the leading cause of death for ages 2 through 34 in the United States.

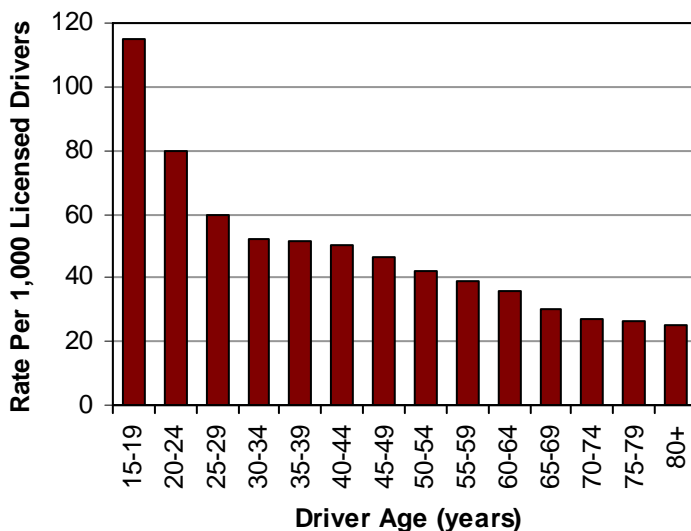
Overview



Did you know in 2008:

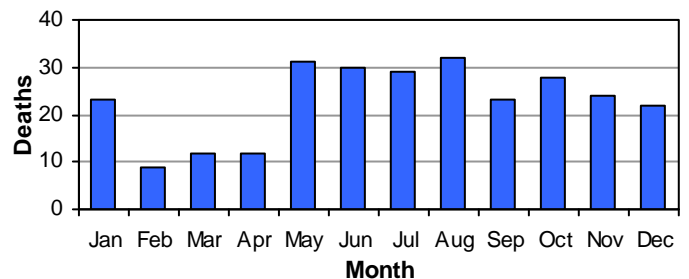
- 56,367 motor vehicle crashes occurred in Utah which resulted in 24,673 injured persons and 276 deaths.
- The 276 deaths in 2008 were the lowest in Utah since 1992.
- A motor vehicle crash occurred in Utah every 9 minutes, a person was injured in a crash every 21 minutes, and a person died in a crash every 31 hours.

Crash Rates per Licensed Drivers by Age (Utah 2008)



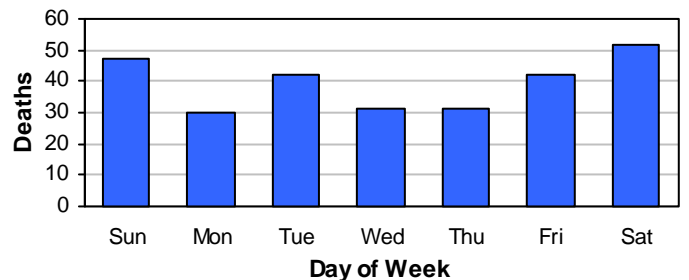
- Drivers aged 15-19 years had the highest crash rates per licensed driver.
- Older drivers had the lowest crash rates per licensed driver.

Deaths by Month (Utah 2008)



- August and May had the most deaths.

Deaths by Day of Week (Utah 2008)



- Saturday and Sunday had the most deaths.

Leading Contributing Factors (Utah 2008)

All Crashes

1. Followed Too Closely (22%)
2. Failed to Yield Right of Way (18%)
3. Speed Too Fast (18%)
4. Failed to Keep in Proper Lane (11%)
5. Vision Obscured by Weather Condition (10%)

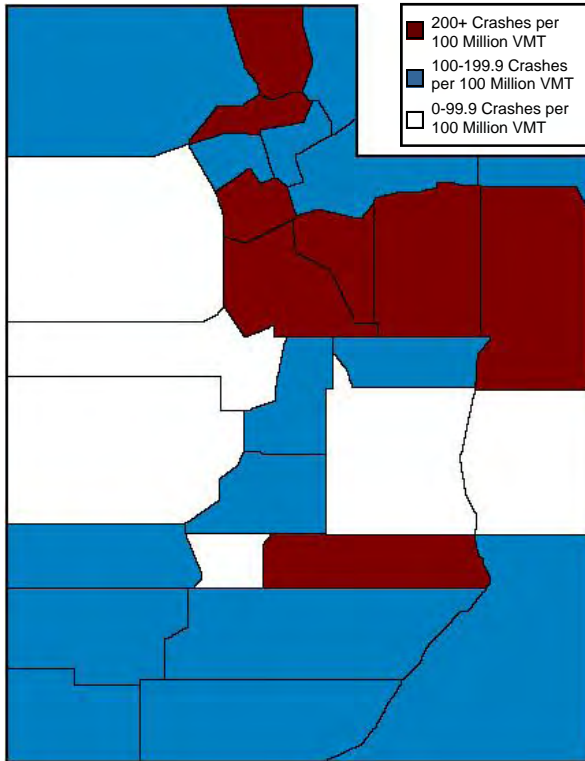
Fatal Crashes

1. Speed Too Fast (36%)
2. Ran Off Road (33%)
3. Failed to Keep in Proper Lane (31%)
4. Driving Under the Influence (24%)
5. Overcorrected (19%)

Overview

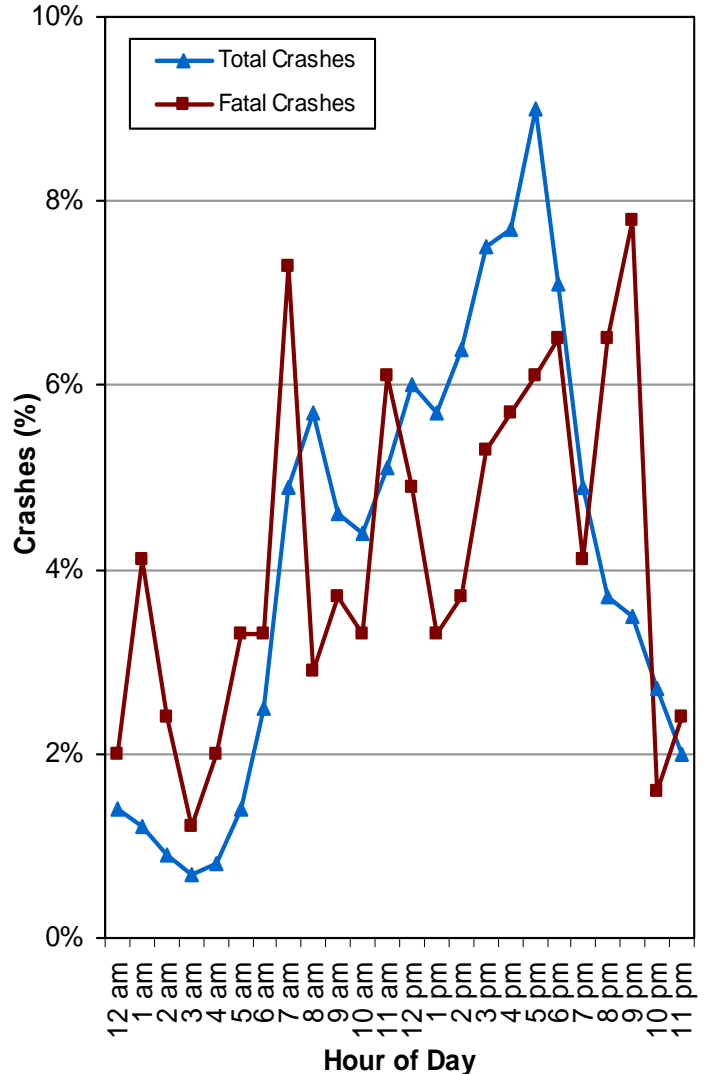


County Crash Rates by Miles Traveled (Utah 2008)

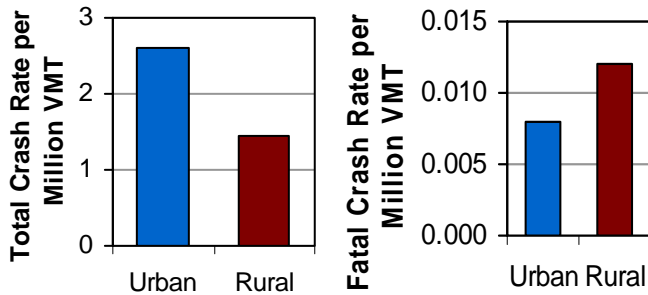


- Salt Lake, Weber, Wayne, Duchesne, and Utah Counties had the highest crash rates per miles traveled.

Motor Vehicle Crashes by Hour of Day (Utah 2008)



Urban/Rural Location (Utah 2008)



- Urban areas had a higher rate of total crashes per vehicle mile traveled while rural areas had a higher fatal crash rate.
- Rural crashes were 2.8 times more likely to be fatal than urban crashes.

- Total crashes were more likely to occur between 3:00 p.m. and 6:59 p.m.
- Fatal crashes were highest during the hours of 9:00 p.m. and 7:00 a.m.

Leading Crash Descriptions (Utah 2008)

All Crashes

1. Rear End (30%)
2. Broadside (24%)
3. Collision With Fixed Object (12%)
4. Sideswipe (9%)
5. Parked Vehicle (5%)

Fatal Crashes

1. Collision With Fixed Object (23%)
2. Overturn/Rollover (20%)
3. Broadside (19%)
4. Pedestrian/Bicyclist (15%)
5. Head On & Sideswipe (8% each)

Vehicle rollovers were 12 times more likely to result in a death than other crashes.