Persons and Crashes 2004

2004 UTAH CRASH FACTS

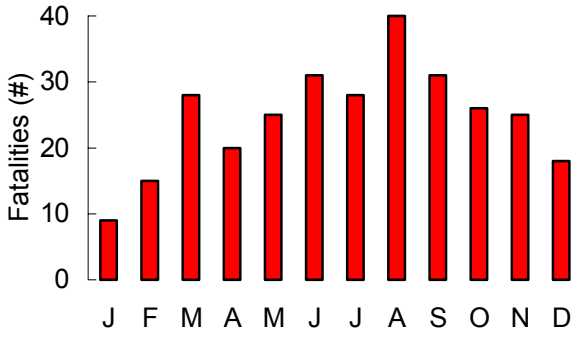
PERSONS AND CRASHES

Motor vehicle crashes are the leading cause of death and disability for persons in the United States.

Did you know that in 2004 . . .

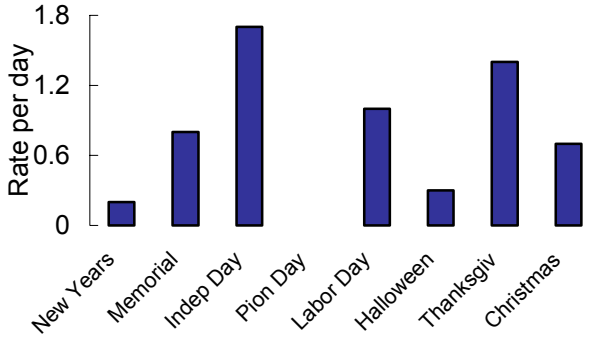
- 53,905 motor vehicle crashes occurred in Utah which resulted in 29,638 injured persons and 296 fatalities.
- Utah's total motor vehicle crash rate increased 4% from 2003, the injury crash rate increased 3%, and the fatal crash rate stayed the same.
- A motor vehicle crash occurred in Utah every 10 minutes, a person was injured in a crash every 18 minutes, and a person died in a crash every 30 hours.

Fatalities by Month (Utah 2004)



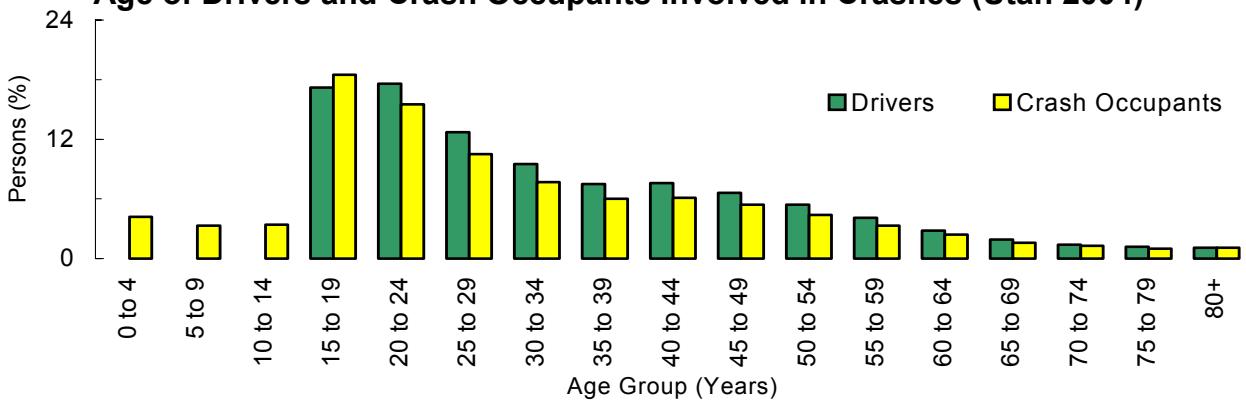
- The majority (44%) of 2004 fatalities occurred during June, July, August and September.

Holiday Fatalities (Utah 2004)



- In 2004, Independence Day had the highest rate of fatalities (1.7), while Pioneer Day had the lowest rate (0.0).

Age of Drivers and Crash Occupants Involved in Crashes (Utah 2004)



- Drivers aged 20 to 24 years represented the largest percentage of drivers involved in crashes (17.6%).
- The largest proportion of crash occupants were aged 15 to 19 years (18.5%).

Leading Collision Descriptions (Utah 2004)

All Crashes

1. Rear End (30.2%)
2. Broadside (20.9%)
3. Side Swipe (6.5%)
4. Single Vehicle Rollover (6.0%)
5. Pedestrian/Bicyclist (2.4%)

Fatal Crashes

1. Single Vehicle Rollover (41.9%)
2. Head-On (14.2%)
3. Pedestrian/Bicyclist (10.8%)
4. Broadside (9.2%)
5. Side Swipe (6.9%)

Head-on collisions were 25 times more likely, and single vehicle rollovers were 12 times more likely to result in a fatality than other collisions.

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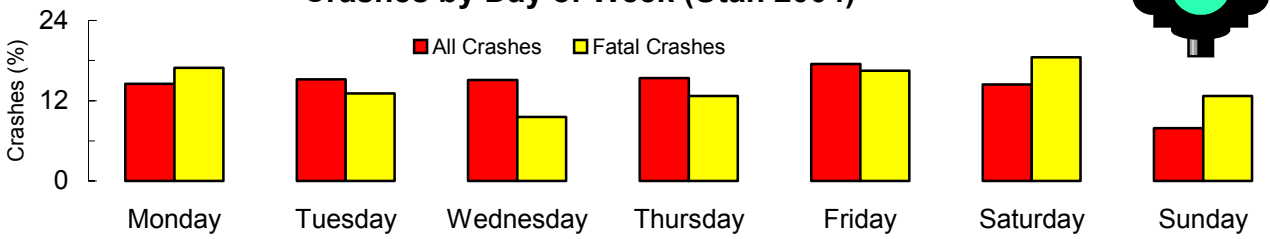
2004 UTAH CRASH FACTS

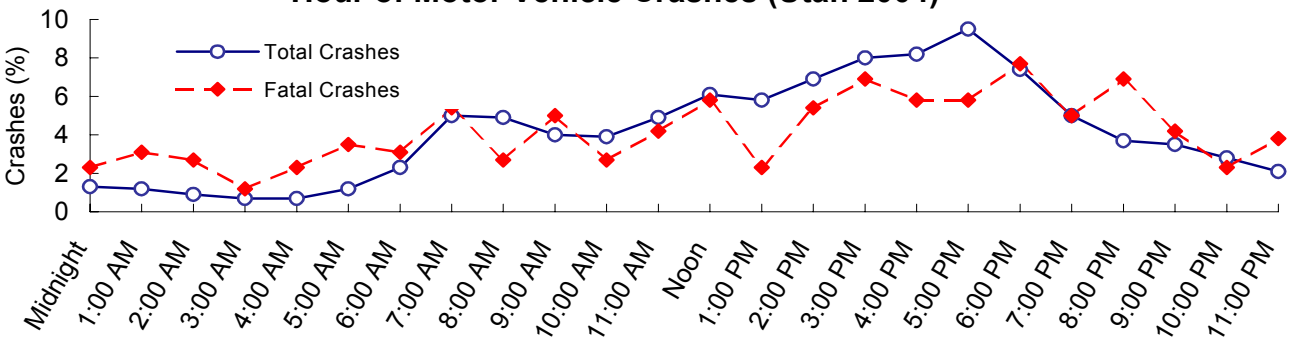
PERSONS AND CRASHES

Crashes by Day of Week (Utah 2004)



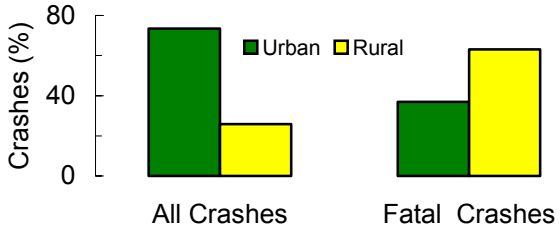
- The highest percentage of total crashes occurred on Friday (17.5%), while the highest percentage of fatal crashes occurred on Saturday (18.5%).
- Even though Sunday crashes represented 7.9% of total crashes, they accounted for 12.7% of fatal crashes. In fact, crashes occurring on Sunday were 1.7 times more likely to involve a fatality than crashes that occurred on other days of the week.

Hour of Motor Vehicle Crashes (Utah 2004)



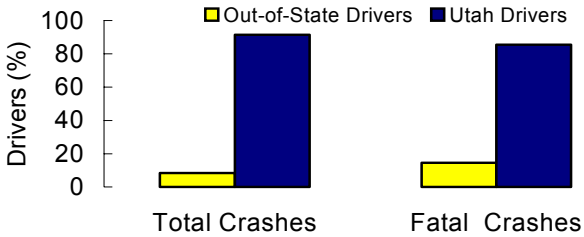
- Total crashes and fatal crashes were more likely to occur between 2:00 pm and 6:00 pm. However, total crashes peaked at 5:00 pm, and fatal crashes peaked at 6:00 pm.

Urban/Rural Location (Utah 2004)



- While the majority of all crashes occurred in urban areas (73.5%), the majority of fatal crashes occurred in rural areas (63.1%).
- In fact, rural crashes were 5 times more likely to be fatal than urban crashes.

Out-Of-State Drivers (Utah 2004)



- While out-of-state licensed drivers accounted for 8.3% of drivers involved in crashes, they represented 14.6% of drivers involved in fatal crashes.

Leading Violations (Utah 2004)

All Crashes

1. Following Too Close (17.5%)
2. Failure to Yield Right-of-Way (17.5%)
3. Improper Lookout (15.7%)

Fatal Crashes

1. Vehicle Homicide (23.3%)
2. Speeding (16.7%)
3. Driving Under the Influence (13.3%)

- Officers at the scene cited 34.4% of drivers involved in a crash for a traffic violation.
- Drivers cited for driving under the influence were 4 times more likely to be involved in a fatal crash than drivers cited for other violations.

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Section 1: Persons and Crashes

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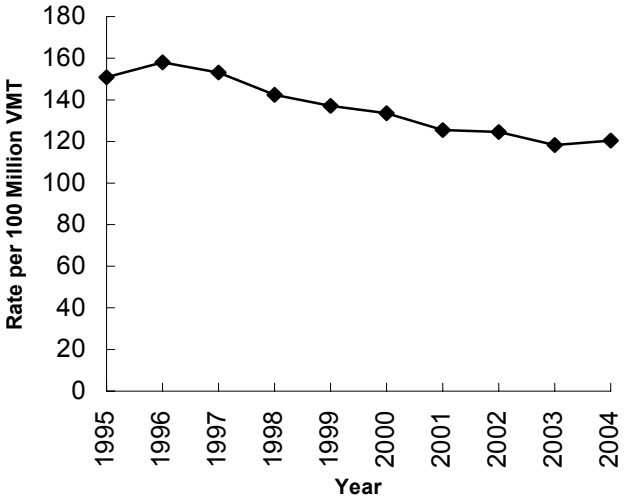
Trends

Injured Persons and Fatalities (Utah 1995-2004)

Persons					
		Injured		Killed	
Year	Vehicle Miles Traveled (VMT)	Persons Injured #	Rate per 100 Million VMT	Persons Killed #	Rate per 100 Million VMT
1995	18,798,488,669	28,343	150.8	325	1.7
1996	19,433,341,748	30,711	158.0	321	1.7
1997	20,407,590,239	31,238	153.1	366	1.8
1998	21,236,980,216	30,232	142.4	350	1.6
1999	21,867,355,694	29,959	137.0	360	1.6
2000	22,517,131,427	30,086	133.6	373	1.7
2001	23,398,734,621	29,375	125.5	291	1.2
2002	24,438,992,554	30,433	124.5	328	1.3
2003	23,963,242,376	28,352	118.3	309	1.3
2004	24,624,791,795	29,638	120.4	296	1.2
Total	220,686,649,339	298,367	135.2	3,319	1.5

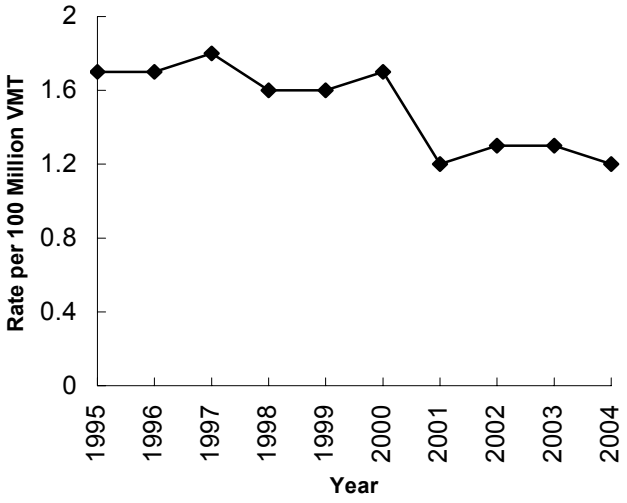
- During the last ten years, approximately 300,000 people have been injured and over 3,300 have been killed in motor vehicle crashes.
- In 2004, more people were injured in crashes. The 2004 injury rate was 120.4; a 2% increase from 2003.
- Utah experienced a decrease in the number of crash fatalities in 2003. There were 309 fatalities in 2003, which dropped to 296 in 2004. The 2004 fatality rate of 1.2 decreased 8% from the 2003 fatality rate.

Injured Person Rates Per 100 Million Vehicle Miles Traveled (Utah 1995-2004)



- Overall, there has been a decreasing trend in the rate of people injured in crashes from 1995 to 2004.
- There has been a 20% decrease in the rate of people injured in crashes since 1995.

Fatality Rates Per 100 Million Vehicle Miles Traveled (Utah 1995-2004)



- The rate of people killed in crashes has been decreasing over time, The 2004 fatality rate marks a new all-time low.
- There has been a 29% decrease in the rate of people killed in crashes since 1995.

Trends

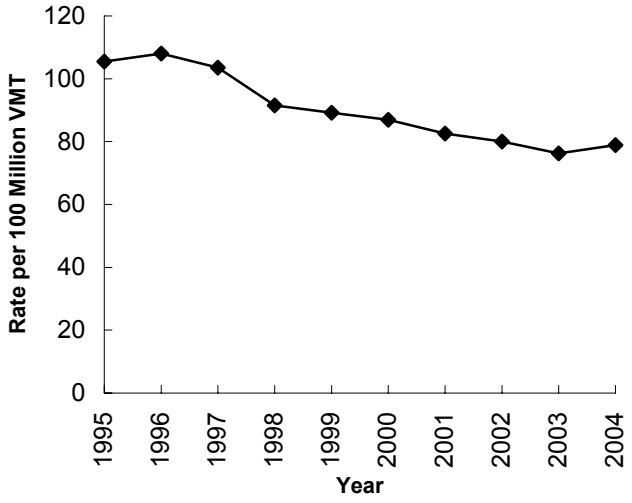
Crashes (Utah 1995-2004)

Crashes								
	Property Damage Only (PDO)		Injury		Fatal		Total	
Year	PDO Crashes #	Rate per 100 Million VMT	Injury Crashes #	Rate per 100 Million VMT	Fatal Crashes #	Rate per 100 Million VMT	All Crashes #	Rate per 100 Million VMT
1995	37,532	199.7	19,828	105.5	285	1.5	57,645	306.6
1996	40,225	207.0	20,988	108.0	284	1.5	61,497	316.5
1997	33,512	164.2	21,131	103.5	309	1.5	54,952	269.3
1998	34,337	161.7	19,427	91.5	308	1.5	54,072	254.6
1999	32,971	150.8	19,513	89.2	318	1.5	52,802	241.5
2000	33,269	147.7	19,564	86.9	318	1.4	53,151	236.0
2001	33,113	141.5	19,332	82.6	258	1.1	52,703	225.2
2002	33,542	137.2	19,552	80.0	274	1.1	53,368	218.4
2003	31,842	132.9	18,285	76.3	262	1.1	50,389	210.3
2004	34,222	139.0	19,423	78.9	260	1.1	53,905	218.9
Total	344,565	156.1	197,043	89.3	2,876	1.3	544,484	246.7

NOTE: A crash may result in multiple injuries and/or fatalities.

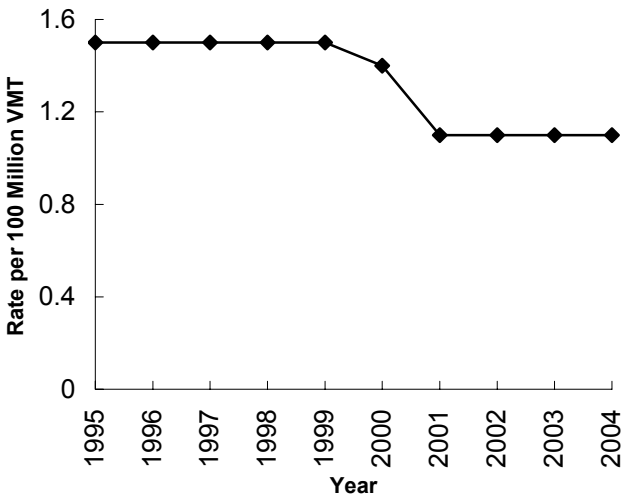
- During the last ten years, approximately 545,000 motor vehicle crashes occurred in Utah. Approximately 200,000 of the crashes involved injuries and nearly 3,000 involved fatalities.
- In 2004, the total crash rate in Utah was 218.9; a 4% increase from 2003. The injury crash rate was 78.9; a 3% increase from 2003. However, the 2004 fatal crash rate of 1.1 remained the same as 2003.

Injury Crash Rates Per 100 Million Vehicle Miles Traveled (Utah 1995-2004)



- Overall, there has been a decreasing trend in injury crash rates from 1995 to 2004.
- There has been a 25% decrease in the injury crash rate since 1995.

Fatal Crash Rates Per 100 Million Vehicle Miles Traveled (Utah 1995-2004)



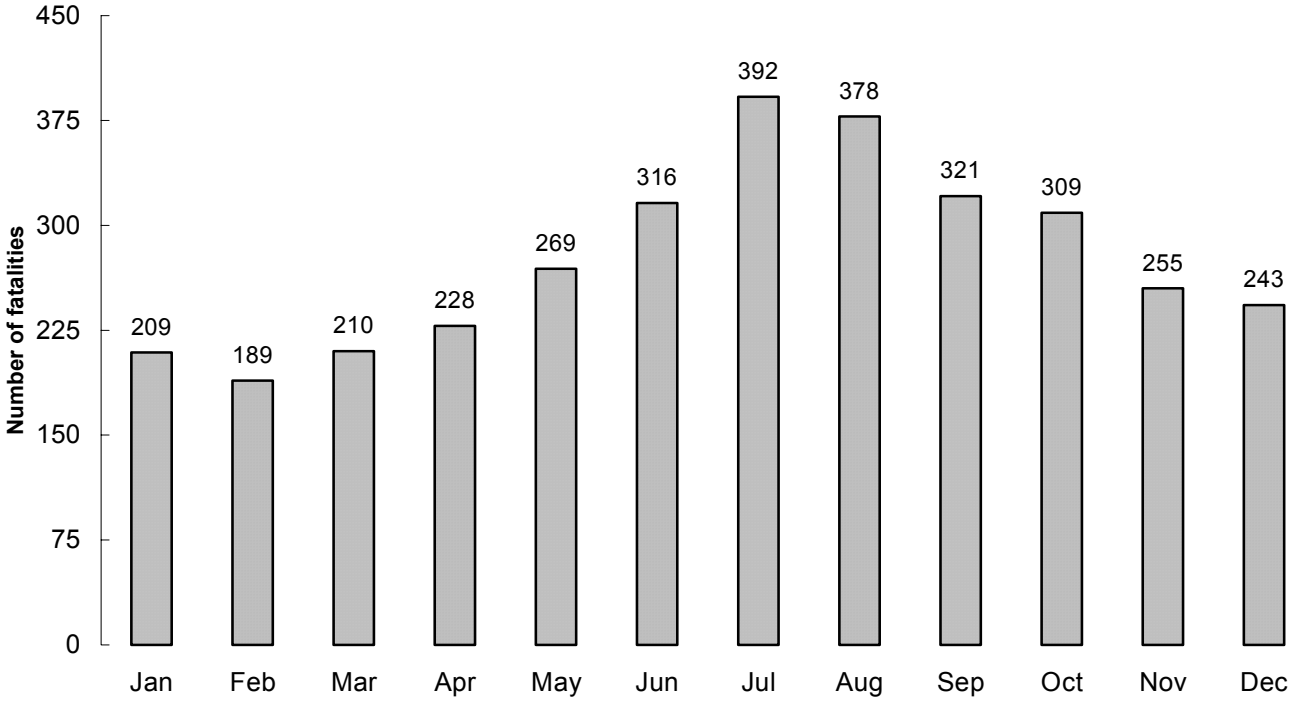
- The above graph reflects a decreasing trend in fatal crash rates from 1995 to 2004. The 2004 fatal crash rate remains at an all time low of 1.1.
- There has been a 27% decrease in the fatal crash rate since 1995.

Trends

Fatalities by Month (Utah 1995-2004)

Fatalities													
	Month												
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1995	15	19	18	26	20	30	37	50	32	28	26	24	325
1996	24	8	31	21	23	34	27	42	29	26	29	27	321
1997	19	34	23	20	31	37	38	37	37	31	26	33	366
1998	27	23	18	24	26	29	44	36	42	34	30	17	350
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
Total	209	189	210	228	269	316	392	378	321	309	255	243	3,319

Fatalities by Month (Utah 1995-2004)



- Since 1995, approximately 3,300 people have been killed in motor vehicle crashes, and those fatalities have varied from month to month.
- A look at the ten-year trend shows that one-third (32.9%) of the total fatalities occurred in July, August and September .
- In the last ten years, July has been the month with the highest number of motor vehicle crash fatalities (392), while February has had the fewest (189).
- In 2004, August (40) was the month with the highest number of fatalities, while January (9) had the fewest.

Trends

Holiday Fatalities (Utah 1995-2004)

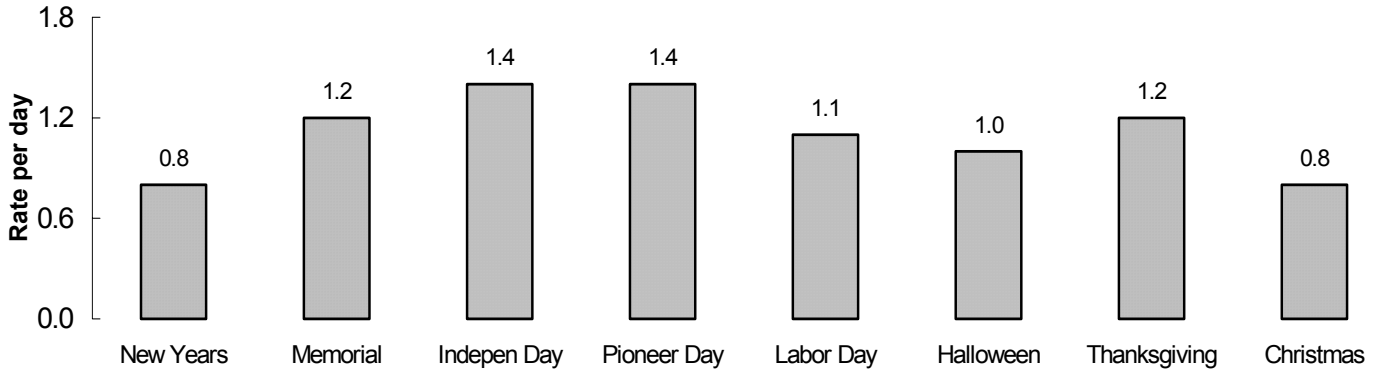
Fatalities																												
	New Years Day			Memorial Day			Independence Day			Pioneer Day			Labor Day			Halloween			Thanksgiving			Christmas			Total		
Year	#	Days	Rate per Day	#	Days	Rate per Day	#	Days	Rate per Day	#	Days	Rate per Day	#	Days	Rate per Day	#	Days	Rate per Day	#	Days	Rate per Day	#	Days	Rate per Day	#	Days	Rate per Day
1995	1	3	0.3	2	4	0.5	5	3	1.7	1	4	0.3	6	4	1.5	4	3	1.3	2	5	0.4	1	4	0.3	22	30	0.7
1996	10	4	2.5	2	4	0.5	2	5	0.4	4	3	1.3	3	4	0.8	4	5	0.8	7	5	1.4	1	3	0.3	33	33	1.0
1997	3	3	1.0	6	4	1.5	7	4	1.8	11	5	2.2	6	4	1.5	5	4	1.3	6	5	1.2	5	5	1.0	49	34	1.4
1998	2	5	0.4	4	4	1.0	4	3	1.3	2	4	0.5	4	4	1.0	2	3	0.7	10	5	2.0	2	4	0.5	30	32	0.9
1999	1	4	0.3	11	4	2.8	10	3	3.3	5	3	1.7	4	4	1.0	6	3	2.0	8	5	1.6	1	3	0.3	46	29	1.6
2000	2	3	0.7	3	4	0.8	2	3	0.7	5	4	1.3	3	4	0.8	2	3	0.7	2	5	0.4	5	4	1.3	24	30	0.8
2001	3	4	0.8	5	4	1.3	2	3	0.7	8	3	2.7	4	4	1.0	1	3	0.3	7	5	1.4	3	3	1.0	33	29	1.1
2002	2	3	0.7	9	4	2.3	8	5	1.6	9	3	3.0	3	4	0.8	6	5	1.2	7	5	1.4	0	3	0.0	44	32	1.4
2003	3	3	1.0	2	4	0.5	4	4	1.0	7	5	1.4	7	4	1.8	4	4	1.0	2	5	0.4	8	5	1.6	37	34	1.1
2004	1	5	0.2	3	4	0.8	5	3	1.7	0	3	0.0	4	4	1.0	1	3	0.3	7	5	1.4	2	3	0.7	23	30	0.8
Total	28	37	0.8	47	40	1.2	49	36	1.4	52	37	1.4	44	40	1.1	35	36	1.0	58	50	1.2	28	37	0.8	341	313	1.1

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

The above table shows the number of motor vehicle crash fatalities that occurred on holidays for the past ten years. The number of days included in a holiday varied per year. The following criteria was used to determine the number of days included:

- If a holiday occurred on Sunday, Tuesday, Wednesday or Saturday, it was considered a 3-day holiday (the day prior to the holiday, the holiday, and the day after the holiday.
- If a holiday occurred on Monday it was considered a 4-day holiday (the Friday, Saturday, Sunday prior to the holiday, and the Monday holiday).
- If a holiday occurred on Friday it was also considered a 4-day holiday (the Thursday prior to the holiday, the Friday holiday, and the Saturday, Sunday following the holiday).
- If a holiday occurred on Thursday it was considered a 5-day holiday (the Wednesday prior to the holiday, the Thursday holiday, and the Friday, Saturday, Sunday following the holiday).

Holiday Fatalities (Utah 1995-2004)
(Rate Per Day)



- Holiday fatalities are a concern due to increased motor vehicle travel combined with other possible risk factors (e.g., alcohol and other drug impaired driving, fatigue, speeding).
- Over the past ten years, Independence Day (1.4) and Pioneer Day (1.4) had the highest rates of fatalities, while Christmas (0.8) and New Year's (0.8) had the lowest rates.
- In 2004, Independence Day had the highest rate of fatalities (1.7), while Pioneer Day had the lowest rate (0.0).
- The 2004 rate per day for holiday fatalities was 0.8 which was the same as the rate per day for all 2004 fatalities (0.8).

Counties

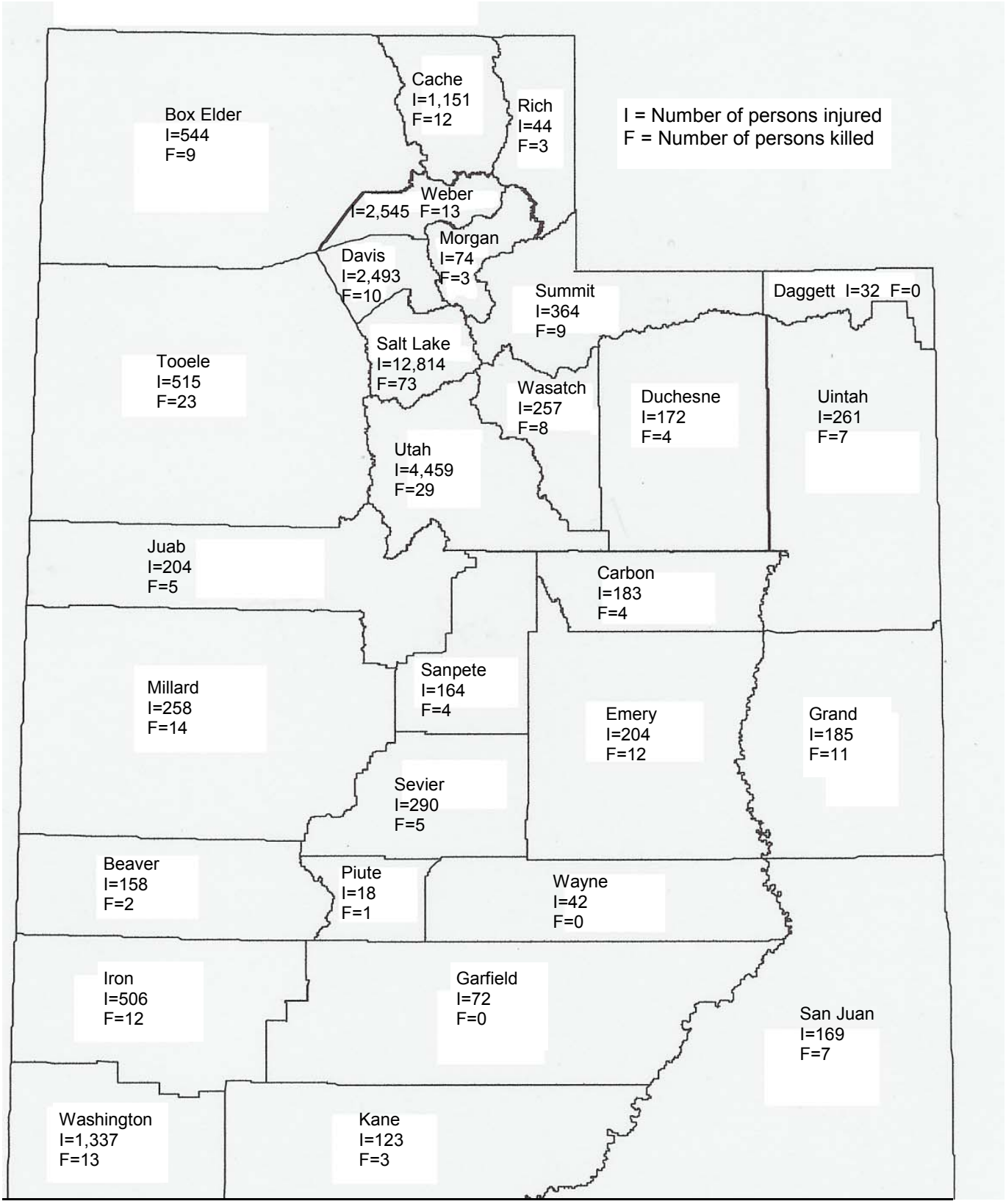
Persons Involved in Crashes by County (Utah 2004)

Persons												
	Non-Injured			Injured			Killed			Total		
County	Non-Injured Persons #	Rate per 100 Million VMT	Rate per 10,000 Population	Injured Persons #	Rate per 100 Million VMT	Rate per 10,000 Population	Persons Killed #	Rate per 100 Million VMT	Rate per 10,000 Population	All Persons #	Rate per 100 Million VMT	Rate per 10,000 Population
Beaver	491	202.5	778.4	158	65.2	250.5	2	0.8	3.2	651	268.5	1,032.0
Box Elder	1,678	189.4	375.8	544	61.4	121.8	9	1.0	2.0	2,231	251.9	499.6
Cache	4,829	559.3	482.0	1,151	133.3	114.9	12	1.4	1.2	5,992	694.1	598.1
Carbon	676	225.5	348.7	183	61.1	94.4	4	1.3	2.1	863	287.9	445.2
Daggett	86	309.8	901.5	32	115.3	335.4	0	0.0	0.0	118	425.0	1,236.9
Davis	10,883	473.2	404.7	2,493	108.4	92.7	10	0.4	0.4	13,386	582.1	497.8
Duchesne	602	291.1	403.1	172	83.2	115.2	4	1.9	2.7	778	376.1	521.0
Emery	475	134.3	452.7	204	57.7	194.4	12	3.4	11.4	691	195.4	658.5
Garfield	238	191.9	514.6	72	58.1	155.7	0	0.0	0.0	310	250.0	670.3
Grand	359	128.8	416.9	185	66.4	214.8	11	3.9	12.8	555	199.1	644.5
Iron	1,757	277.2	451.4	506	79.8	130.0	12	1.9	3.1	2,275	358.9	584.5
Juab	453	117.2	513.3	204	52.8	231.1	5	1.3	5.7	662	171.3	750.1
Kane	332	255.9	548.2	123	94.8	203.1	3	2.3	5.0	458	353.0	756.3
Millard	601	139.6	457.8	258	59.9	196.5	14	3.3	10.7	873	202.8	665.0
Morgan	220	188.1	266.7	74	63.3	89.7	3	2.6	3.6	297	254.0	360.0
Piute	47	154.4	344.1	18	59.1	131.8	1	3.3	7.3	66	216.8	483.2
Rich	160	304.1	773.3	44	83.6	212.7	3	5.7	14.5	207	393.4	1,000.5
Salt Lake	48,383	597.0	506.5	12,814	158.1	134.2	73	0.9	0.8	61,270	756.0	641.5
San Juan	371	132.1	258.5	169	60.2	117.7	7	2.5	4.9	547	194.7	381.1
Sanpete	508	209.8	202.9	164	67.7	65.5	4	1.7	1.6	676	279.2	269.9
Sevier	751	180.9	386.8	290	69.9	149.4	5	1.2	2.6	1,046	252.0	538.8
Summit	1,748	257.0	498.1	364	53.5	103.7	9	1.3	2.6	2,121	311.9	604.4
Tooele	1,572	191.1	313.9	515	62.6	102.8	23	2.8	4.6	2,110	256.5	421.4
Uintah	952	310.0	363.0	261	85.0	99.5	7	2.3	2.7	1,220	397.3	465.2
Utah	17,978	513.9	410.8	4,459	127.5	101.9	29	0.8	0.7	22,466	642.2	513.4
Wasatch	931	349.7	485.5	257	96.5	134.0	8	3.0	4.2	1,196	449.2	623.7
Washington	5,122	473.8	436.6	1,337	123.7	114.0	13	1.2	1.1	6,472	598.7	551.7
Wayne	82	214.0	325.7	42	109.6	166.8	0	0.0	0.0	124	323.6	492.5
Weber	8,939	585.7	426.6	2,545	166.8	121.5	13	0.9	0.6	11,497	753.3	548.7
Missing	1	0.0	0.0	0	0.0	0.0	0	0.0	0.0	1	0.0	0.0
Statewide	111,225	451.7	450.4	29,638	120.4	120.0	296	1.2	1.2	141,159	573.2	571.7

- Two different rates are given in the above table; one based on vehicle miles traveled in the county, and another based on the population of the county.
- Rate per 100 million vehicle miles traveled:
  - Weber (166.8), Salt Lake (158.1) and Cache (133.3) had the highest rates of persons injured per 100 million vehicle miles traveled.
  - Rich (5.7), Grand (3.9) and Emery (3.4) had the highest rates of persons killed per 100 million vehicle miles traveled.
- Rate per 10,000 population:
  - Daggett (335.4), Beaver (250.5) and Juab (231.1) had the highest rates of persons injured per 10,000 population.
  - Rich (14.5), Grand (12.8) and Emery (11.4) had the highest rates of persons killed per 10,000 population.

Counties

Persons Involved in Crashes by County (Utah 2004)



Counties

Crashes by County (Utah 2004)

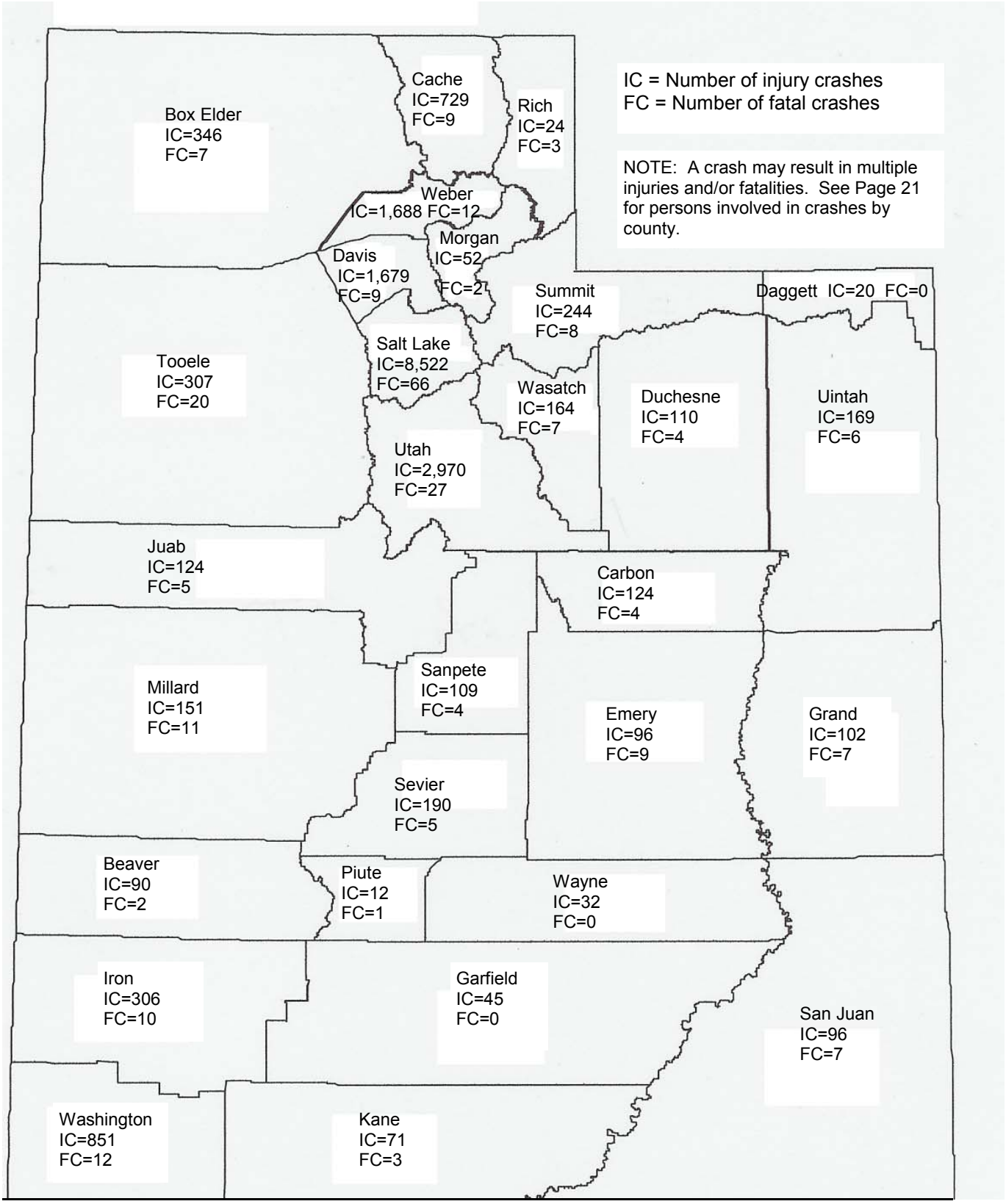
Crashes												
	Property Damage Only (PDO)			Injury			Fatal			Total		
County	PDO Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population	Injury Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population	Fatal Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population	All Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population
Beaver	189	78.0	299.6	90	37.1	142.7	2	0.8	3.2	281	115.9	445.5
Box Elder	656	74.1	146.9	346	39.1	77.5	7	0.8	1.6	1,009	113.9	226.0
Cache	1,506	174.4	150.3	729	84.4	72.8	9	1.0	0.9	2,244	259.9	224.0
Carbon	277	92.4	142.9	124	41.4	64.0	4	1.3	2.1	405	135.1	208.9
Daggett	35	126.1	366.9	20	72.0	209.6	0	0.0	0.0	55	198.1	576.5
Davis	3,088	134.3	114.8	1,679	73.0	62.4	9	0.4	0.3	4,776	207.7	177.6
Duchesne	277	133.9	185.5	110	53.2	73.7	4	1.9	2.7	391	189.0	261.8
Emery	196	55.4	186.8	96	27.1	91.5	9	2.5	8.6	301	85.1	286.9
Garfield	103	83.1	222.7	45	36.3	97.3	0	0.0	0.0	148	119.4	320.0
Grand	133	47.7	154.5	102	36.6	118.5	7	2.5	8.1	242	86.8	281.0
Iron	543	85.7	139.5	306	48.3	78.6	10	1.6	2.6	859	135.5	220.7
Juab	190	49.2	215.3	124	32.1	140.5	5	1.3	5.7	319	82.6	361.4
Kane	136	104.8	224.6	71	54.7	117.2	3	2.3	5.0	210	161.8	346.8
Millard	232	53.9	176.7	151	35.1	115.0	11	2.6	8.4	394	91.5	300.1
Morgan	123	105.2	149.1	52	44.5	63.0	2	1.7	2.4	177	151.4	214.6
Piute	21	69.0	153.7	12	39.4	87.8	1	3.3	7.3	34	111.7	248.9
Rich	55	104.5	265.8	24	45.6	116.0	3	5.7	14.5	82	155.8	396.3
Salt Lake	14,393	177.6	150.7	8,522	105.2	89.2	66	0.8	0.7	22,981	283.6	240.6
San Juan	165	58.7	115.0	96	34.2	66.9	7	2.5	4.9	268	95.4	186.7
Sanpete	197	81.4	78.7	109	45.0	43.5	4	1.7	1.6	310	128.0	123.8
Sevier	299	72.0	154.0	190	45.8	97.9	5	1.2	2.6	494	119.0	254.4
Summit	775	114.0	220.9	244	35.9	69.5	8	1.2	2.3	1,027	151.0	292.7
Tooele	545	66.2	108.8	307	37.3	61.3	20	2.4	4.0	872	106.0	174.1
Uintah	353	115.0	134.6	169	55.0	64.4	6	2.0	2.3	528	171.9	201.3
Utah	5,268	150.6	120.4	2,970	84.9	67.9	27	0.8	0.6	8,265	236.3	188.9
Wasatch	391	146.9	203.9	164	61.6	85.5	7	2.6	3.7	562	211.1	293.1
Washington	1,370	126.7	116.8	851	78.7	72.5	12	1.1	1.0	2,233	206.6	190.3
Wayne	39	101.8	154.9	32	83.5	127.1	0	0.0	0.0	71	185.3	282.0
Weber	2,667	174.8	127.3	1,688	110.6	80.6	12	0.8	0.6	4,367	286.1	208.4
Statewide	34,222	139.0	138.6	19,423	78.9	78.7	260	1.1	1.1	53,905	218.9	218.3

NOTE: A crash may result in multiple injuries and/or fatalities.

- Two different rates are given in the above table; one based on vehicle miles traveled in the county, and another based on the population of the county.
- Rate per 100 million vehicle miles traveled:
  - Weber (110.6), Salt Lake (105.2) and Utah (84.9) had the highest rates of injury crashes per 100 million vehicle miles traveled.
  - Rich (5.7), Piute (3.3) and Wasatch (2.6) had the highest rates of fatal crashes per 100 million vehicle miles traveled.
- Rate per 10,000 population:
  - Daggett (209.6), Beaver (142.7) and Juab (140.5) had the highest rates of injury crashes per 10,000 population.
  - Rich (14.5), Emery (8.6) and Millard (8.4) had the highest rates of fatal crashes per 10,000 population.

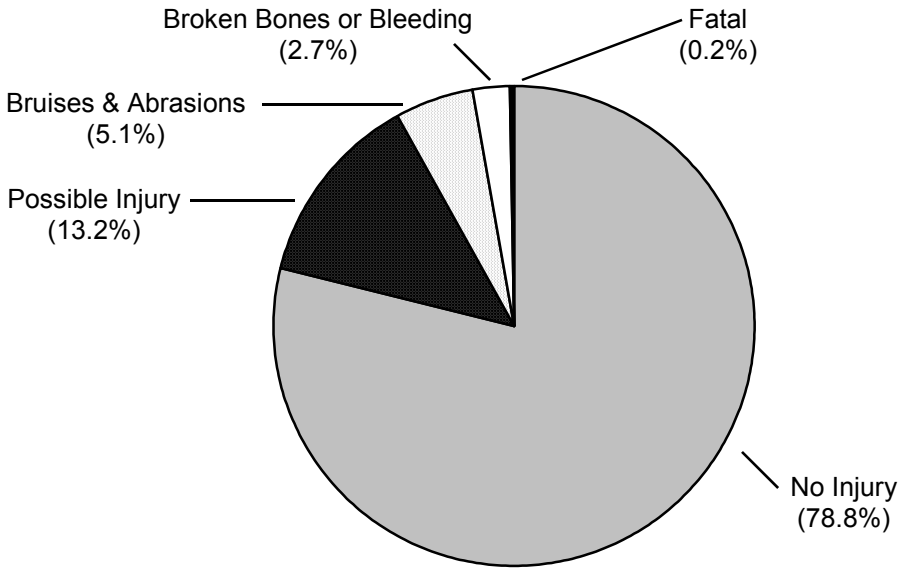
Counties

Crashes by County (Utah 2004)



Occupant Characteristics (Including Driver)

Injury Severity (Utah 2004)



- In the above graph, there were a total of 141,159 persons involved in crashes.
- Although many people were injured and killed in Utah's motor vehicle crashes, the majority (78.8%) of crash occupants did not sustain an injury.
- Even though 0.2% of crash occupants were killed, 0.5% of all crashes were fatal. This indicates that persons in the same crash event have different injury experiences. Many factors influence injury patterns including seatbelt use, seat position, and vehicle safety equipment.

Occupant Placement (Utah 2004)

Persons								
	Non-Injured Persons		Injured Persons		Persons Killed		Total Persons	
Occupant Placement	#	%	#	%	#	%	#	%
Driver	76,990	69.2%	19,496	65.8%	173	58.4%	96,659	68.5%
Front Seat Passenger	18,016	16.2%	5,519	18.6%	52	17.6%	23,587	16.7%
Back Seat Passenger	15,749	14.2%	3,044	10.3%	33	11.1%	18,826	13.3%
Pedestrian	45	0.0%	675	2.3%	25	8.4%	745	0.5%
Bicyclist	49	0.0%	648	2.2%	6	2.0%	703	0.5%
Cargo Area	354	0.3%	234	0.8%	6	2.0%	594	0.4%
Other	22	0.0%	22	0.1%	1	0.3%	45	0.0%
Total	111,225	100.0%	29,638	100.0%	296	100.0%	141,159	100.0%

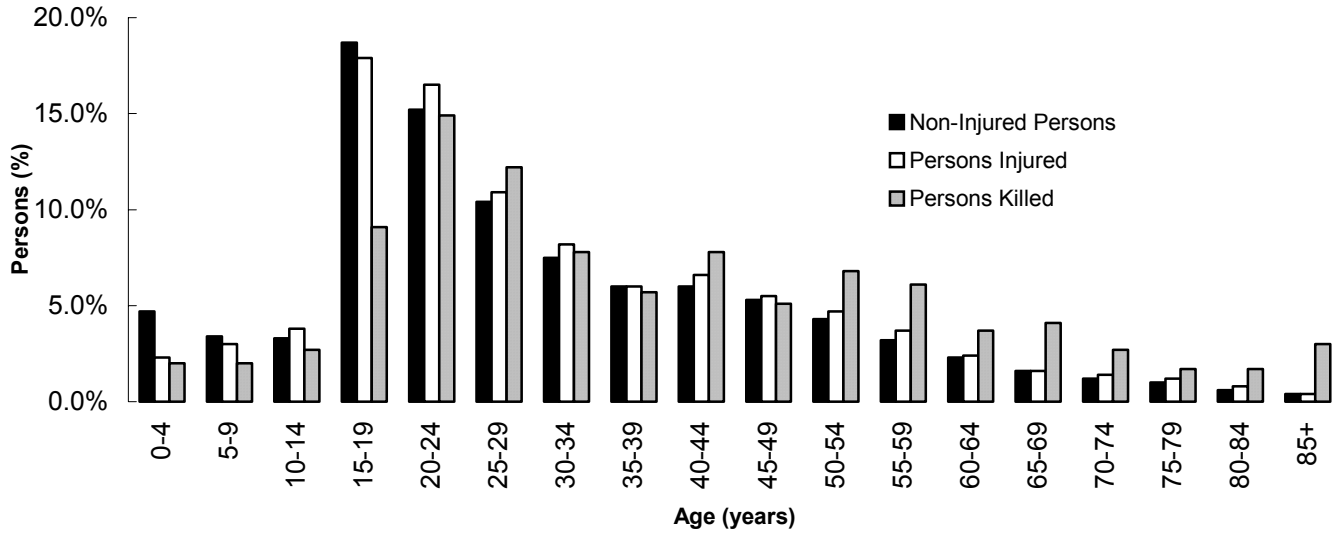
- The above table shows the injury levels by occupant placement in the crash.
- Pedestrians involved in a crash had the greatest risk of sustaining a fatal injury. In fact, pedestrians were 18 times more likely than other crash occupants to sustain a fatal injury.

Occupant Characteristics (Including Driver)

Age of Crash Occupants (Utah 2004)

Persons								
	Non-Injured Persons		Injured Persons		Persons Killed		Total Persons	
Age	#	%	#	%	#	%	#	%
0-4	5,209	4.7%	694	2.3%	6	2.0%	5,909	4.2%
5-9	3,745	3.4%	903	3.0%	6	2.0%	4,654	3.3%
10-14	3,644	3.3%	1,133	3.8%	8	2.7%	4,785	3.4%
15-19	20,810	18.7%	5,293	17.9%	27	9.1%	26,130	18.5%
20-24	16,959	15.2%	4,895	16.5%	44	14.9%	21,898	15.5%
25-29	11,597	10.4%	3,236	10.9%	36	12.2%	14,869	10.5%
30-34	8,346	7.5%	2,445	8.2%	23	7.8%	10,814	7.7%
35-39	6,622	6.0%	1,791	6.0%	17	5.7%	8,430	6.0%
40-44	6,687	6.0%	1,957	6.6%	23	7.8%	8,667	6.1%
45-49	5,923	5.3%	1,643	5.5%	15	5.1%	7,581	5.4%
50-54	4,817	4.3%	1,396	4.7%	20	6.8%	6,233	4.4%
55-59	3,527	3.2%	1,092	3.7%	18	6.1%	4,637	3.3%
60-64	2,608	2.3%	725	2.4%	11	3.7%	3,344	2.4%
65-69	1,781	1.6%	488	1.6%	12	4.1%	2,281	1.6%
70-74	1,362	1.2%	410	1.4%	8	2.7%	1,780	1.3%
75-79	1,100	1.0%	358	1.2%	5	1.7%	1,463	1.0%
80-84	708	0.6%	226	0.8%	5	1.7%	939	0.7%
85+	443	0.4%	129	0.4%	9	3.0%	581	0.4%
Missing	5,337	4.8%	824	2.8%	3	1.0%	6,164	4.4%
Total	111,225	100.0%	29,638	100.0%	296	100.0%	141,159	100.0%

Age of Crash Occupants (Utah 2004)



- Overall, the largest proportion of persons involved in crashes (18.5%) were aged 15 to 19 years. In addition, persons aged 15 to 19 years represented the highest proportion of persons injured (17.9%). The highest proportion of persons killed were aged 20 to 24 years (14.9%).
- While persons aged 65 years and older represented a small proportion of the persons involved in crashes (5.0%), individuals of this age group were 3 times more likely than all other age groups to sustain a fatal injury.

Occupant Characteristics (Including Driver)

Gender of Crash Occupants (Utah 2004)

Persons								
	Non-Injured Persons		Injured Persons		Persons Killed		Total Persons	
Gender	#	%	#	%	#	%	#	%
Female	47,261	42.5%	15,542	52.4%	104	35.1%	62,907	44.6%
Male	61,405	55.2%	13,943	47.0%	192	64.9%	75,540	53.5%
Missing	2,559	2.3%	153	0.5%	0	0.0%	2,712	1.9%
Total	111,225	100.0%	29,638	100.0%	296	100.0%	141,159	100.0%

- The above table shows that males comprised over half (53.5%) of all persons involved in crashes.
- While males had a higher percentage of fatal injuries (64.9%) than females, female occupants had a slightly higher percentage of injuries (52.4%) than males.

Age and Gender of Fatalities (Utah 2004)

Fatalities						
	Female		Male		Total	
Age	#	%	#	%	#	%
0-4	2	1.9%	4	2.1%	6	2.0%
5-9	4	3.8%	2	1.0%	6	2.0%
10-14	2	1.9%	6	3.1%	8	2.7%
15-19	10	9.6%	17	8.9%	27	9.1%
20-24	17	16.3%	27	14.1%	44	14.9%
25-29	9	8.7%	27	14.1%	36	12.2%
30-34	6	5.8%	17	8.9%	23	7.8%
35-39	5	4.8%	12	6.3%	17	5.7%
40-44	11	10.6%	12	6.3%	23	7.8%
45-49	4	3.8%	11	5.7%	15	5.1%
50-54	3	2.9%	17	8.9%	20	6.8%
55-59	6	5.8%	12	6.3%	18	6.1%
60-64	5	4.8%	6	3.1%	11	3.7%
65-69	7	6.7%	5	2.6%	12	4.1%
70-74	2	1.9%	6	3.1%	8	2.7%
75-79	2	1.9%	3	1.6%	5	1.7%
80-84	3	2.9%	2	1.0%	5	1.7%
85+	5	4.8%	4	2.1%	9	3.0%
Missing	1	1.0%	2	1.0%	3	1.0%
Total	104	100.0%	192	100.0%	296	100.0%

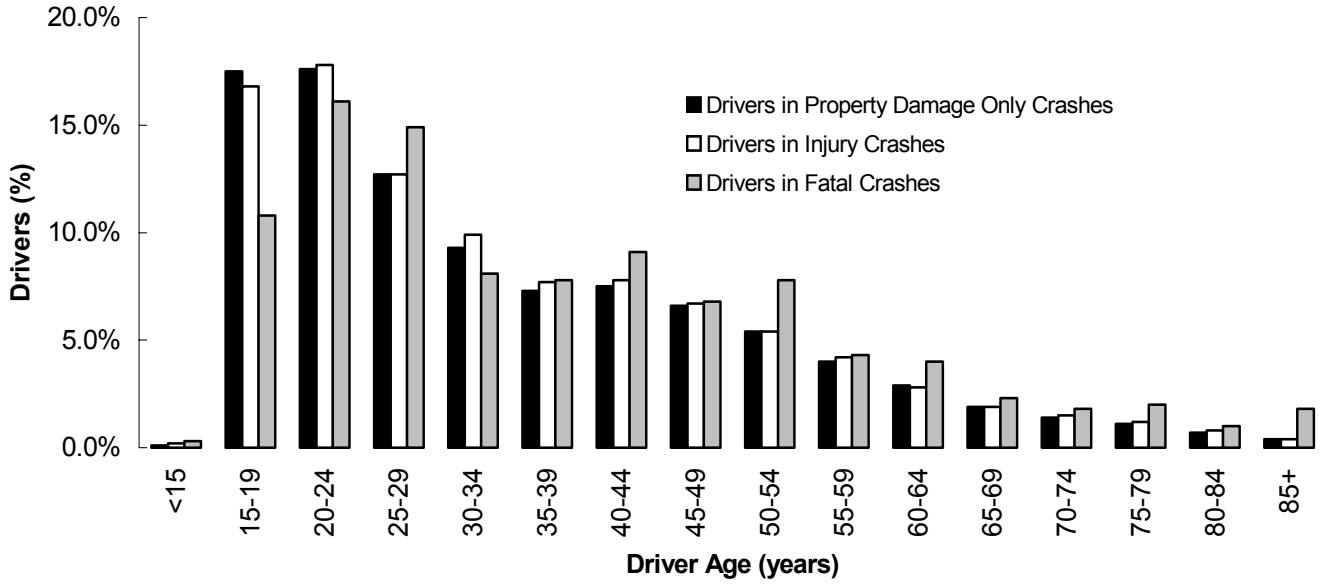
- Taking a closer look at the gender of crash fatalities shows that the highest percentage of fatalities involved males aged 20 to 24 years (14.1%) and 25 to 29 years (14.1%).
- For females, the highest percentage of fatalities also occurred in the 20 to 24 year (16.3%) age group.

Driver Characteristics

Driver Age (Utah 2004)

Drivers								
	Drivers Involved in Property Damage Only Crashes		Drivers Involved in Injury Crashes		Drivers Involved in Fatal Crashes		Total Drivers Involved in Crashes	
Age	#	%	#	%	#	%	#	%
<15	59	0.1%	80	0.2%	1	0.3%	140	0.1%
15-19	10,538	17.5%	6,067	16.8%	43	10.8%	16,648	17.2%
20-24	10,557	17.6%	6,423	17.8%	64	16.1%	17,044	17.6%
25-29	7,633	12.7%	4,583	12.7%	59	14.9%	12,275	12.7%
30-34	5,594	9.3%	3,577	9.9%	32	8.1%	9,203	9.5%
35-39	4,406	7.3%	2,794	7.7%	31	7.8%	7,231	7.5%
40-44	4,517	7.5%	2,834	7.8%	36	9.1%	7,387	7.6%
45-49	3,975	6.6%	2,405	6.7%	27	6.8%	6,407	6.6%
50-54	3,255	5.4%	1,937	5.4%	31	7.8%	5,223	5.4%
55-59	2,393	4.0%	1,519	4.2%	17	4.3%	3,929	4.1%
60-64	1,728	2.9%	1,008	2.8%	16	4.0%	2,752	2.8%
65-69	1,140	1.9%	670	1.9%	9	2.3%	1,819	1.9%
70-74	828	1.4%	545	1.5%	7	1.8%	1,380	1.4%
75-79	683	1.1%	449	1.2%	8	2.0%	1,140	1.2%
80-84	418	0.7%	274	0.8%	4	1.0%	696	0.7%
85+	255	0.4%	160	0.4%	7	1.8%	422	0.4%
Missing	2,137	3.6%	821	2.3%	5	1.3%	2,963	3.1%
Total	60,116	100.0%	36,146	100.0%	397	100.0%	96,659	100.0%

Age of Drivers Involved in Crashes (Utah 2004)



- The age distribution of drivers involved in property damage only crashes and injury crashes were similar. Drivers aged 15 to 24 years represented 35.1% of the drivers involved in property damage only crashes. Drivers aged 15 to 24 years represented 34.6% of the drivers involved in injury crashes.
- Drivers aged 20 to 29 represented the largest percentage of drivers involved in fatal crashes (31.0%).

Driver Characteristics

Driver Gender (Utah 2004)

Drivers								
	Drivers Involved in Property Damage Only Crashes		Drivers Involved in Injury Crashes		Drivers Involved in Fatal Crashes		Total Drivers Involved in Crashes	
Gender	#	%	#	%	#	%	#	%
Female	23,617	39.3%	15,960	44.2%	122	30.7%	39,699	41.1%
Male	34,834	57.9%	19,656	54.4%	273	68.8%	54,763	56.7%
Missing	1,665	2.8%	530	1.5%	2	0.5%	2,197	2.3%
Total	60,116	100.0%	36,146	100.0%	397	100.0%	96,659	100.0%

- The above table shows males represented 56.7% of all drivers involved in a crash, 68.8% of drivers involved in fatal crashes, and 54.4% of drivers involved in injury crashes.

Out-of-State Drivers (Utah 2004)

Drivers								
	Drivers Involved in PDO Crashes		Drivers Involved in Injury Crashes		Drivers Involved in Fatal Crashes		Total Drivers in Crashes	
	#	%	#	%	#	%	#	%
Out-Of-State	5,013	8.3%	2,966	8.2%	58	14.6%	8,037	8.3%
Utah	54,975	91.4%	33,102	91.6%	339	85.4%	88,416	91.5%
Missing	128	0.2%	78	0.2%	0	0.0%	206	0.2%
Total	60,116	100.0%	36,146	100.0%	397	100.0%	96,659	100.0%

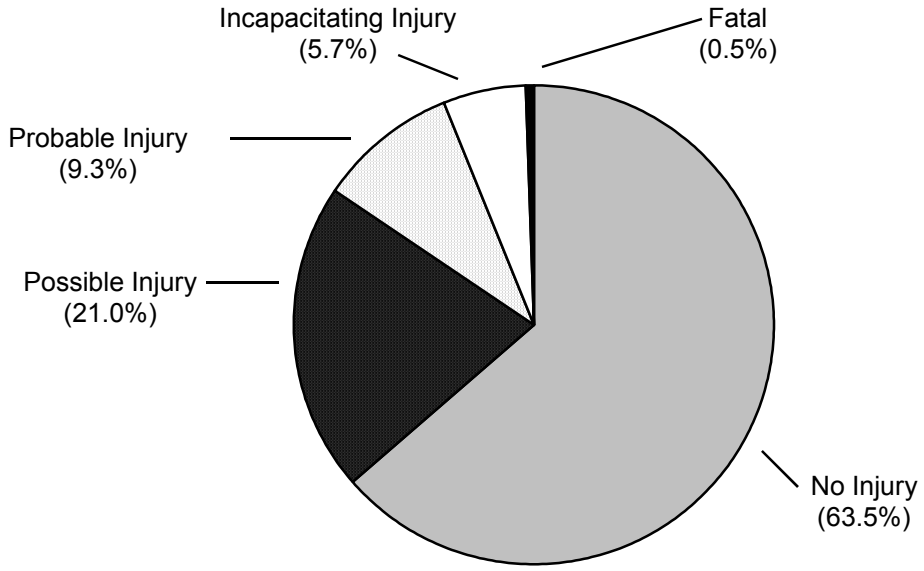
- Although out-of-state licensed drivers represented 8.3% of all drivers involved in crashes, they represented 14.6% of drivers involved in fatal crashes. This may be due in part to fatigued driving on out-of-state trips.

- There were several counties that had a disproportionate amount of out-of-state drivers involved in crashes. Most notably, in Kane (45.6%), San Juan (44.4%), and Grand (43.3%) almost half of the drivers involved in crashes in these counties were out-of-state drivers. These drivers may place an extra burden on the residents and medical services in these counties.

Drivers			
	All Drivers	Out-of-State Drivers	
County	#	#	%
Beaver	372	109	29.3%
Box Elder	1,437	248	17.3%
Cache	4,058	436	10.7%
Carbon	596	64	10.7%
Daggett	62	22	35.5%
Davis	9,089	559	6.2%
Duchesne	489	32	6.5%
Emery	377	138	36.6%
Garfield	179	69	38.5%
Grand	335	145	43.3%
Iron	1,313	276	21.0%
Juab	413	94	22.8%
Kane	270	123	45.6%
Millard	488	125	25.6%
Morgan	207	40	19.3%
Piute	35	7	20.0%
Rich	105	24	22.9%
Salt Lake	43,268	2,034	4.7%
San Juan	338	150	44.4%
Sanpete	447	15	3.4%
Sevier	645	173	26.8%
Summit	1,482	310	20.9%
Tooele	1,354	148	10.9%
Uintah	788	63	8.0%
Utah	15,357	1,497	9.7%
Wasatch	793	65	8.2%
Washington	4,126	562	13.6%
Wayne	76	14	18.4%
Weber	8,159	495	6.1%
Missing	1	0	0.0%
Total	96,659	8,037	8.3%

Crash Characteristics

Crash Severity (Utah 2004)



NOTE: A crash may result in multiple injuries and/or fatalities.

- In the above graph, there were a total of 53,905 crashes.
- In 2004, 53,905 motor vehicle crashes occurred in Utah. Of those crashes, 63.5% resulted in property damage only, 36.0% resulted in some level of non-fatal injury, and 0.5% involved a fatality.

Month of Year (Utah 2004)

Crashes									
		Property Damage Only (PDO)		Injury		Fatal		Total	
Month	Days in the Month #	PDO Crashes #	Rate per Day	Injury Crashes #	Rate per Day	Fatal Crashes #	Rate per Day	All Crashes #	Rate per Day
January	31	3,111	100.4	1,386	44.7	9	0.29	4,506	145.4
February	29	3,201	110.4	1,434	49.4	14	0.48	4,649	160.3
March	31	2,385	76.9	1,396	45.0	26	0.84	3,807	122.8
April	30	2,387	79.6	1,556	51.9	17	0.57	3,960	132.0
May	31	2,362	76.2	1,625	52.4	23	0.74	4,010	129.4
June	30	2,504	83.5	1,644	54.8	27	0.90	4,175	139.2
July	31	2,582	83.3	1,674	54.0	25	0.81	4,281	138.1
August	31	2,640	85.2	1,741	56.2	34	1.10	4,415	142.4
September	30	2,839	94.6	1,749	58.3	27	0.90	4,615	153.8
October	31	3,210	103.5	1,757	56.7	20	0.65	4,987	160.9
November	30	3,329	111.0	1,699	56.6	20	0.67	5,048	168.3
December	31	3,672	118.5	1,762	56.8	18	0.58	5,452	175.9
Total	366	34,222	93.5	19,423	53.1	260	0.71	53,905	147.3

- The above table shows December had the highest rate of total crashes per day (175.9), while August (1.10), June (0.90) and September (0.90) had the highest rates of fatal crashes per day.
- September had the highest rate of injury crashes per day (58.3) followed closely by December (56.8).

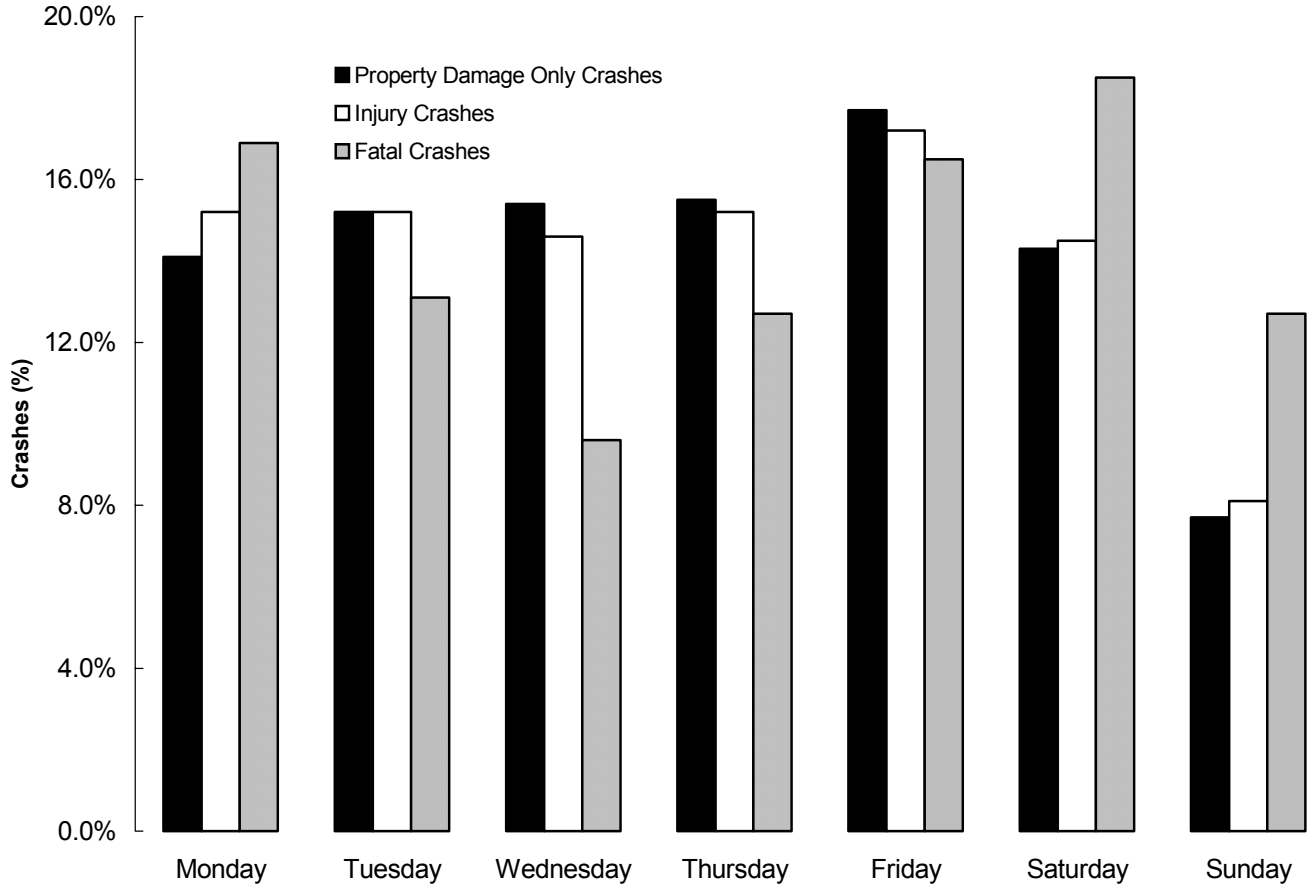
Crash Characteristics

Day of Week (Utah 2004)

Crashes								
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
Day of Week	#	%	#	%	#	%	#	%
Monday	4,833	14.1%	2,955	15.2%	44	16.9%	7,832	14.5%
Tuesday	5,207	15.2%	2,951	15.2%	34	13.1%	8,192	15.2%
Wednesday	5,285	15.4%	2,834	14.6%	25	9.6%	8,144	15.1%
Thursday	5,297	15.5%	2,961	15.2%	33	12.7%	8,291	15.4%
Friday	6,059	17.7%	3,339	17.2%	43	16.5%	9,441	17.5%
Saturday	4,904	14.3%	2,809	14.5%	48	18.5%	7,761	14.4%
Sunday	2,637	7.7%	1,574	8.1%	33	12.7%	4,244	7.9%
Total	34,222	100.0%	19,423	100.0%	260	100.0%	53,905	100.0%

NOTE: A crash may result in multiple injuries and/or fatalities.

Crashes by Day of Week (Utah 2004)



- The above table and graph show that the highest percentage of total crashes (17.5%), property damage only crashes (17.7%) and injury crashes (17.2%) occurred on Friday. The highest percentage of fatal crashes occurred on Saturday (18.5%).
- Sunday crashes represented 7.9% of all crashes, but accounted for 12.7% of fatal crashes. In fact, crashes occurring on Sunday were 1.7 times more likely to involve a fatality compared to crashes that occurred on other days of the week.

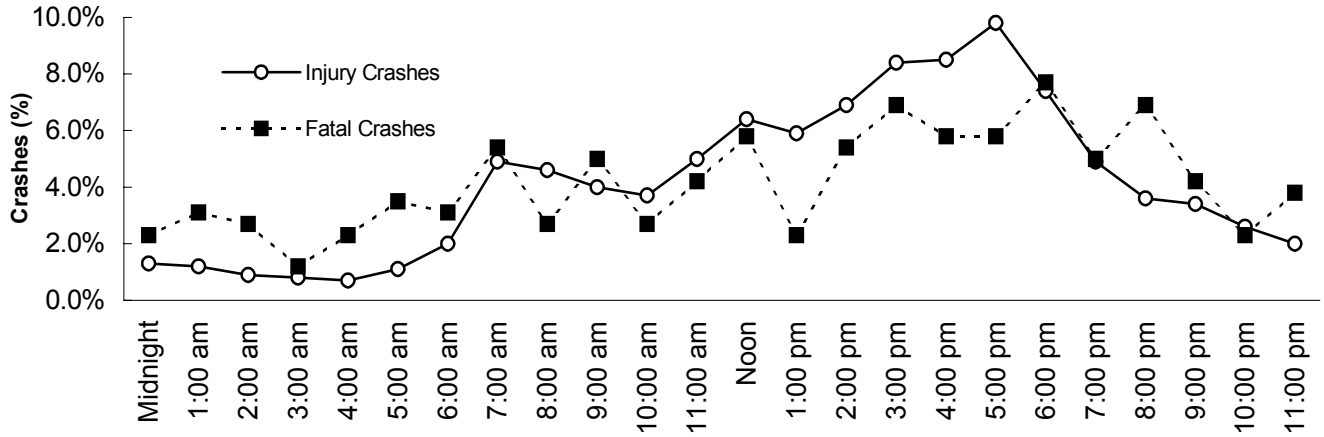
Crash Characteristics

Hour of Day (Utah 2004)

Hour	Crashes							
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
	#	%	#	%	#	%	#	%
Midnight	461	1.3%	260	1.3%	6	2.3%	727	1.3%
1:00 am	382	1.1%	238	1.2%	8	3.1%	628	1.2%
2:00 am	322	0.9%	173	0.9%	7	2.7%	502	0.9%
3:00 am	244	0.7%	149	0.8%	3	1.2%	396	0.7%
4:00 am	230	0.7%	130	0.7%	6	2.3%	366	0.7%
5:00 am	409	1.2%	222	1.1%	9	3.5%	640	1.2%
6:00 am	826	2.4%	387	2.0%	8	3.1%	1,221	2.3%
7:00 am	1,731	5.1%	945	4.9%	14	5.4%	2,690	5.0%
8:00 am	1,738	5.1%	899	4.6%	7	2.7%	2,644	4.9%
9:00 am	1,363	4.0%	777	4.0%	13	5.0%	2,153	4.0%
10:00 am	1,367	4.0%	717	3.7%	7	2.7%	2,091	3.9%
11:00 am	1,665	4.9%	974	5.0%	11	4.2%	2,650	4.9%
Noon	2,005	5.9%	1,247	6.4%	15	5.8%	3,267	6.1%
1:00 pm	2,003	5.9%	1,140	5.9%	6	2.3%	3,149	5.8%
2:00 pm	2,340	6.8%	1,349	6.9%	14	5.4%	3,703	6.9%
3:00 pm	2,687	7.9%	1,629	8.4%	18	6.9%	4,334	8.0%
4:00 pm	2,759	8.1%	1,658	8.5%	15	5.8%	4,432	8.2%
5:00 pm	3,233	9.4%	1,894	9.8%	15	5.8%	5,142	9.5%
6:00 pm	2,521	7.4%	1,429	7.4%	20	7.7%	3,970	7.4%
7:00 pm	1,738	5.1%	943	4.9%	13	5.0%	2,694	5.0%
8:00 pm	1,263	3.7%	693	3.6%	18	6.9%	1,974	3.7%
9:00 pm	1,230	3.6%	669	3.4%	11	4.2%	1,910	3.5%
10:00 pm	976	2.9%	505	2.6%	6	2.3%	1,487	2.8%
11:00 pm	729	2.1%	396	2.0%	10	3.8%	1,135	2.1%
Total	34,222	100.0%	19,423	100.0%	260	100.0%	53,905	100.0%

NOTE: A crash may result in multiple injuries and/or fatalities.

Crashes by Hour of Day (Utah 2004)



- In 2004, total crashes and injury crashes were more likely to occur between 2:00 pm and 6:00 pm, with a peak at 5:00 pm (evening rush hour).
- Fatal crashes followed a similar pattern with a peak at 6:00 pm.

Crash Characteristics

Crash Type (Utah 2004)

Crashes								
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
Crash Type	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Two Motor Vehicles	24,783	72.4%	13,491	69.5%	78	30.0%	38,352	71.1%
Ran Off Roadway - To the Right	2,318	6.8%	1,693	8.7%	67	25.8%	4,078	7.6%
Ran Off Roadway - To the Left	1,462	4.3%	1,088	5.6%	42	16.2%	2,592	4.8%
Motor Vehicle and Fixed Object	1,668	4.9%	764	3.9%	7	2.7%	2,439	4.5%
Motor Vehicle and Wild Animal	2,006	5.9%	152	0.8%	3	1.2%	2,161	4.0%
Other Non-Collision	719	2.1%	319	1.6%	8	3.1%	1,046	1.9%
Motor Vehicle and Other Object	661	1.9%	157	0.8%	1	0.4%	819	1.5%
Motor Vehicle and Bicycle	45	0.1%	626	3.2%	5	1.9%	676	1.3%
Motor Vehicle and Pedestrian	37	0.1%	583	3.0%	23	8.8%	643	1.2%
Overturned in Roadway	142	0.4%	316	1.6%	9	3.5%	467	0.9%
Motor Vehicle and Domestic Animal	265	0.8%	65	0.3%	2	0.8%	332	0.6%
Ran Off Roadway - Through Median	98	0.3%	117	0.6%	13	5.0%	228	0.4%
Motor Vehicle and Skates, Scooters, Skateboards	3	0.0%	39	0.2%	0	0.0%	42	0.1%
Motor Vehicle and Train	14	0.0%	13	0.1%	1	0.4%	28	0.1%
Missing	1	0.0%	0	0.0%	1	0.4%	2	0.0%
Total	34,222	100.0%	19,423	100.0%	260	100.0%	53,905	100.0%

NOTE: A crash may result in multiple injuries and/or fatalities.

- The majority of property damage only crashes (72.4%), injury crashes (69.5%) and fatal crashes (30.0%) occurred between two motor vehicles.
- Crashes between a motor vehicle and pedestrian represented 1.2% of all crashes, but accounted for 8.8% of fatal crashes resulting in an 8-fold increased risk of a fatality.
- In addition, when a vehicle ran off the roadway (to the right, to the left, or through the median), there was a 6-fold increased risk of a fatality.

Collision Description (Utah 2004)

Crashes								
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
Collision Description	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Rear End	10,047	29.4%	6,199	31.9%	13	5.0%	16,259	30.2%
Broadside	6,135	17.9%	5,134	26.4%	24	9.2%	11,293	20.9%
Side Swipe	2,775	8.1%	727	3.7%	18	6.9%	3,520	6.5%
Single Vehicle Rollover	1,076	3.1%	2,050	10.6%	109	41.9%	3,235	6.0%
Bicyclist/Pedestrian Crash	82	0.2%	1,209	6.2%	28	10.8%	1,319	2.4%
Single Vehicle Fixed Object	528	1.5%	300	1.5%	1	0.4%	829	1.5%
Head-On	148	0.4%	206	1.1%	37	14.2%	391	0.7%
Other	13,431	39.2%	3,598	18.5%	30	11.5%	17,059	31.6%
Total	34,222	100.0%	19,423	100.0%	260	100.0%	53,905	100.0%

NOTE: A crash may result in multiple injuries and/or fatalities.

- For all crashes and injury crashes, the leading collision types (excluding other) were rear end (30.2%) and broadside (20.9%).
- For fatal crashes, the leading collision types (excluding other) were single vehicle rollover (41.9%) and head-on (14.2%).
- Head-on collisions were 25 times more likely, and single vehicle rollovers were 12 times more likely to result in a fatality than other collisions.

Crash Characteristics

Urban/Rural Location (Utah 2004)

Crashes								
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
Urban/Rural Location	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Rural Area - Up to 5,000	9,204	26.9%	4,601	23.7%	164	63.1%	13,969	25.9%
Small Urban - 5,000 to 49,999	1,801	5.3%	1,028	5.3%	7	2.7%	2,836	5.3%
Moderate Urban - 50,000 to 199,999	929	2.7%	451	2.3%	2	0.8%	1,382	2.6%
Large Urban - 200,000 or More	22,056	64.4%	13,204	68.0%	87	33.5%	35,347	65.6%
Missing	232	0.7%	139	0.7%	0	0.0%	371	0.7%
Total	34,222	100.0%	19,423	100.0%	260	100.0%	53,905	100.0%

NOTE: A crash may result in multiple injuries and/or fatalities.

- While the majority of all crashes (73.5%) as well as the majority of injury crashes (75.6%) occurred in small, moderate and large urban areas, the majority of fatal crashes occurred in rural areas (63.1%).
- In fact, crashes occurring in rural areas were 5 times more likely to result in a fatality than crashes in urban areas.

Vehicle Type (Utah 2004)

Vehicles								
	Vehicles Involved in PDO Crashes		Vehicles Involved in Injury Crashes		Vehicles Involved in Fatal Crashes		Total Vehicles	
Vehicle Type	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Passenger Car	33,868	54.0%	20,677	56.2%	160	39.4%	54,705	54.8%
Light Truck, Van or SUV	25,123	40.1%	13,829	37.6%	174	42.9%	39,126	39.2%
Large/Semi Truck	2,175	3.5%	868	2.4%	32	7.9%	3,075	3.1%
Motorcycle	108	0.2%	831	2.3%	30	7.4%	969	1.0%
School Bus	83	0.1%	36	0.1%	2	0.5%	121	0.1%
Other	1,290	2.1%	501	1.4%	8	2.0%	1,799	1.8%
Missing	49	0.1%	19	0.1%	0	0.0%	68	0.1%
Total	62,696	100.0%	36,761	100.0%	406	100.0%	99,863	100.0%

- The majority of vehicles involved in Utah crashes were passenger cars (54.8%).
- While motorcycles represented 1% of vehicles involved in crashes, crashes involving a motorcycle were 8 times more likely to be fatal than crashes involving other vehicles.
- Crashes involving a large/semi truck were 3 times more likely to be fatal than crashes involving other vehicles.

Crash Characteristics

Violations (Utah 2004)

Violations	Drivers Cited in PDO Crashes		Drivers Cited in Injury Crashes		Drivers Cited in Fatal Crashes		Total Drivers Cited	
Violations	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Following Too Close	3,768	18.7%	2,066	15.8%	1	3.3%	5,835	17.5%
Failure to Yield Right-of-Way	3,223	16.0%	2,607	19.9%	2	6.7%	5,832	17.5%
Improper Lookout	3,231	16.0%	2,001	15.3%	0	0.0%	5,232	15.7%
Other Non-Moving Violations	1,323	6.6%	1,015	7.7%	3	10.0%	2,341	7.0%
Speeding	1,356	6.7%	660	5.0%	5	16.7%	2,021	6.1%
All Other Moving Violations	1,259	6.2%	717	5.5%	1	3.3%	1,977	5.9%
Improper Lane Change	1,253	6.2%	531	4.1%	1	3.3%	1,785	5.4%
Negligent Collision	1,118	5.5%	664	5.1%	1	3.3%	1,783	5.4%
Failure to Stop at Red Light	722	3.6%	953	7.3%	0	0.0%	1,675	5.0%
Driving Under the Influence	649	3.2%	763	5.8%	4	13.3%	1,416	4.3%
Improper Turn (Failure to Signal)	655	3.3%	321	2.5%	1	3.3%	977	2.9%
Failure to Stop at Stop Sign	244	1.2%	259	2.0%	0	0.0%	503	1.5%
Hit and Run	332	1.6%	113	0.9%	2	6.7%	447	1.3%
Improper Backing	328	1.6%	45	0.3%	0	0.0%	373	1.1%
Reckless Driving	187	0.9%	144	1.1%	1	3.3%	332	1.0%
Improper Passing	189	0.9%	67	0.5%	0	0.0%	256	0.8%
Wrong Side of Road	137	0.7%	107	0.8%	1	3.3%	245	0.7%
Improper Start or Stop	170	0.8%	60	0.5%	0	0.0%	230	0.7%
Vehicle Homicide	0	0.0%	0	0.0%	7	23.3%	7	0.0%
Wrong Way on One-Way Street	3	0.0%	4	0.0%	0	0.0%	7	0.0%
Total	20,147	100.0%	13,097	100.0%	30	100.0%	33,274	100.0%

- In 2004, there were 96,659 drivers involved in a crash. Officers at the scene of the crash cited 30,933 (34.4%) of those drivers for a traffic violation.
- Overall, drivers involved in crashes were cited most often for “following too close” (17.5%) and “failure to yield right-of-way” (17.5%).
- The leading violations in fatal crashes were “vehicle homicide” (23.3%), “speeding” (16.7%) and “driving under the influence” (13.3%).
- Drivers cited for “driving under the influence” were 4 times more likely to be involved in a fatal crash than drivers cited for other violations.

Crash Characteristics

Contributing Factors (Utah 2004)

Contributing Factors								
	Contributing Factors Coded for Vehicles Involved in:							
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
Contributing Factors	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Improper Lookout	10,732	24.8%	6,168	23.8%	29	7.5%	16,929	24.3%
Failed to Yield Right of Way	5,475	12.7%	4,059	15.7%	16	4.1%	9,550	13.7%
Followed Too Closely	5,941	13.7%	3,266	12.6%	7	1.8%	9,214	13.3%
Speed Too Fast	4,943	11.4%	2,840	11.0%	74	19.1%	7,857	11.3%
Other Improper Driving	3,849	8.9%	2,307	8.9%	61	15.7%	6,217	8.9%
Hit and Run	1,776	4.1%	615	2.4%	2	0.5%	2,393	3.4%
Made Improper Turn	1,615	3.7%	664	2.6%	6	1.5%	2,285	3.3%
Disregard Traffic Signal	960	2.2%	1,154	4.5%	7	1.8%	2,121	3.1%
Driving Under the Influence	642	1.5%	734	2.8%	30	7.7%	1,406	2.0%
Improper Backing	923	2.1%	87	0.3%	0	0.0%	1,010	1.5%
Improper Overtaking	705	1.6%	268	1.0%	8	2.1%	981	1.4%
Drove Left of Center	547	1.3%	383	1.5%	32	8.2%	962	1.4%
Other Driver Distractions	493	1.1%	434	1.7%	9	2.3%	936	1.3%
Asleep	396	0.9%	452	1.7%	19	4.9%	867	1.2%
Object in Roadway	560	1.3%	199	0.8%	4	1.0%	763	1.1%
Non-Contact Vehicle Involved	416	1.0%	260	1.0%	10	2.6%	686	1.0%
Passed Stop Sign	283	0.7%	312	1.2%	1	0.3%	596	0.9%
Fatigued	264	0.6%	267	1.0%	20	5.2%	551	0.8%
Other Defective Condition of Vehicle	311	0.7%	111	0.4%	2	0.5%	424	0.6%
Had Been Drinking	161	0.4%	176	0.7%	10	2.6%	347	0.5%
Tires Defective	229	0.5%	105	0.4%	7	1.8%	341	0.5%
Aggressive Driving	169	0.4%	124	0.5%	9	2.3%	302	0.4%
Cargo Loss or Shifted	220	0.5%	62	0.2%	1	0.3%	283	0.4%
Brakes Defective	161	0.4%	94	0.4%	3	0.8%	258	0.4%
Improper Parking	207	0.5%	48	0.2%	0	0.0%	255	0.4%
Sick or Ill	58	0.1%	144	0.6%	1	0.3%	203	0.3%
Wrong Side of Road	104	0.2%	71	0.3%	7	1.8%	182	0.3%
Towed Vehicle	132	0.3%	36	0.1%	0	0.0%	168	0.2%
Driver Using Cell Phone	87	0.2%	75	0.3%	2	0.5%	164	0.2%
Under the Influence of Drugs	61	0.1%	77	0.3%	3	0.8%	141	0.2%
Failed to Signal	97	0.2%	35	0.1%	0	0.0%	132	0.2%
Windshield Not Clear	74	0.2%	51	0.2%	2	0.5%	127	0.2%
Vehicle Rolling in Traffic Lane	73	0.2%	36	0.1%	2	0.5%	111	0.2%
Non-Collision (Fire)	96	0.2%	7	0.0%	0	0.0%	103	0.1%
Downhill Runaway	73	0.2%	27	0.1%	1	0.3%	101	0.1%
Stolen	51	0.1%	36	0.1%	0	0.0%	87	0.1%
Jackknife	69	0.2%	18	0.1%	0	0.0%	87	0.1%
Separation of Units	71	0.2%	8	0.0%	1	0.3%	80	0.1%
Headlights Insufficient or Out	37	0.1%	37	0.1%	0	0.0%	74	0.1%
Other Lights or Reflectors Defective	43	0.1%	19	0.1%	0	0.0%	62	0.1%
Steering Mechanism Defective	41	0.1%	19	0.1%	0	0.0%	60	0.1%
Wrong Way on One-Way Street	7	0.0%	7	0.0%	2	0.5%	16	0.0%
Other	83	0.2%	24	0.1%	0	0.0%	107	0.2%
Total	43,235	100.0%	25,916	100.0%	388	100.0%	69,539	100.0%

- Contributing factors were coded by the police officer at the scene of the crash for each vehicle involved in the crash. The officer may record no contributing factor or up to two different contributing factors.
- "Improper lookout" was the leading contributing factor for vehicles involved in property damage only crashes (24.8%) and injury crashes (23.8%).
- "Speed too fast" was the leading contributing factor for vehicles involved in fatal crashes (19.1%).