

# Overview

## Section 1: Overview



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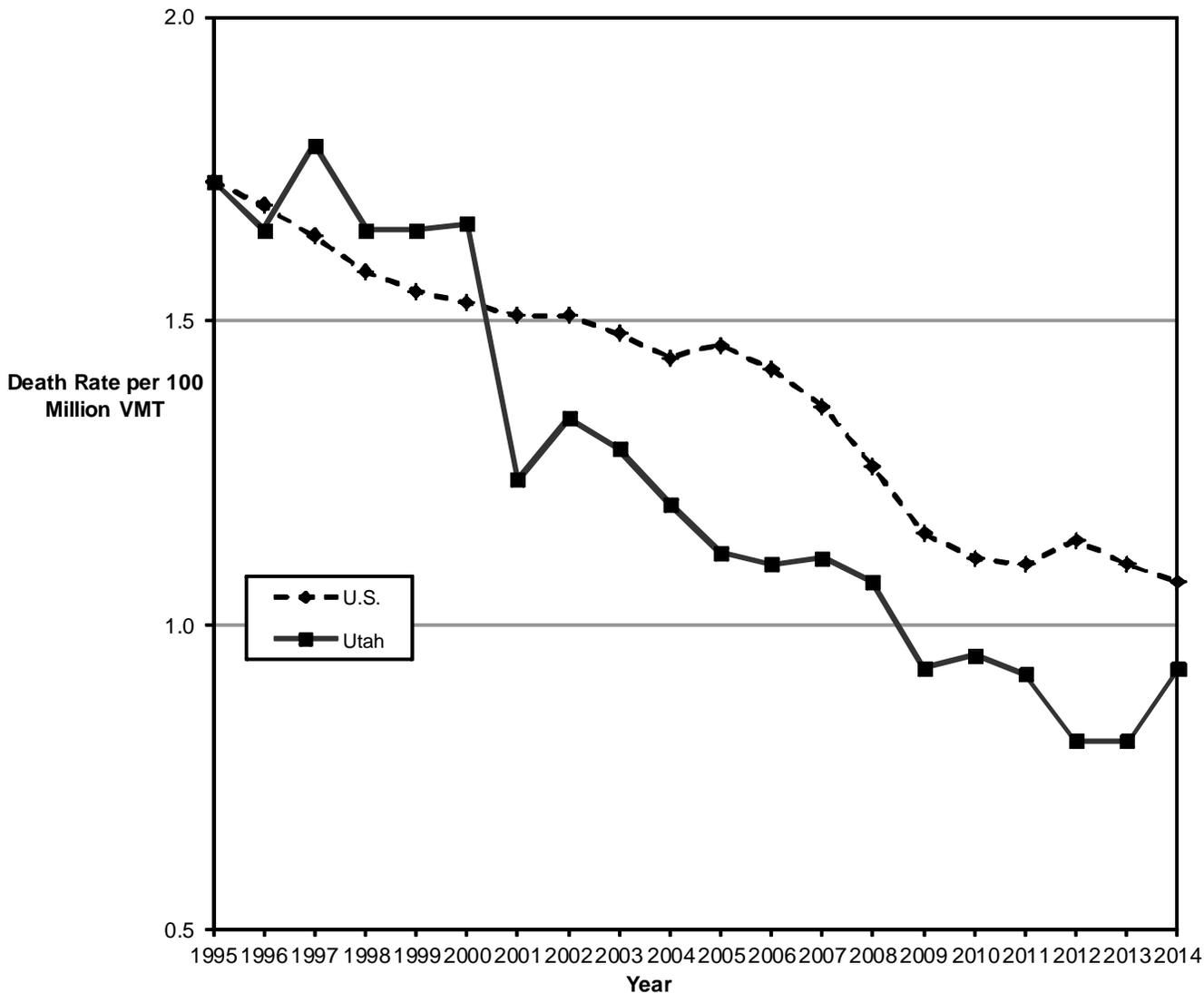
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# Trends

## Utah vs. U.S. Death Rate per 100 Million Vehicle Miles Traveled, 1995-2014

Death Rate per Miles Traveled																					
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
<b>U.S.</b>	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	1.26	1.15	1.11	1.10	1.14	1.10	1.07	
<b>Utah</b>	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	0.93	0.95	0.92	0.81	0.81	0.93	



- In 2014, the Utah death rate per 100 million vehicle miles traveled was 0.93 which was lower than the U.S. rate of 1.07.
- The Utah death rate per 100 million vehicle miles traveled has been lower than the U.S. rate since 2001. This somewhat dispels the notion that drivers in Utah are worse than other drivers in the U.S.

U.S. SOURCE: National Highway Traffic Safety Administration

## Trends

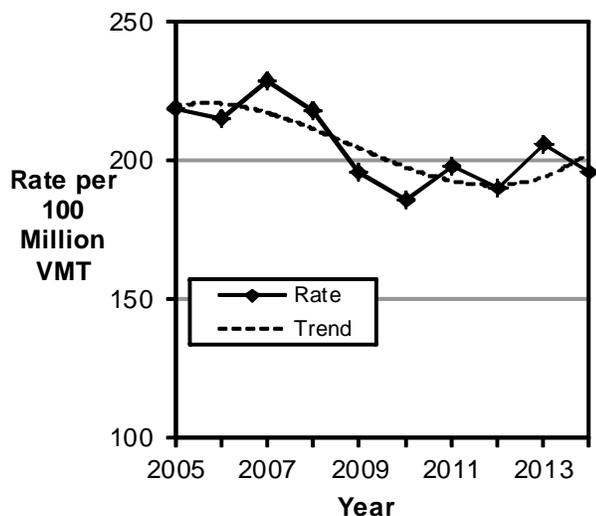
### Crashes (Utah 2005-2014)

Year	Crashes							
	Property Damage Only		Injury		Fatal		Total	
	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT
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
2009	35,398	135.0	15,752	60.1	217	0.83	51,367	195.9
2010	34,155	128.3	14,995	56.3	218	0.82	49,368	185.5
2011	36,418	138.1	15,645	59.3	224	0.85	52,287	198.2
2012	34,635	130.0	15,765	59.2	200	0.75	50,600	190.0
2013	39,301	145.5	16,134	59.7	202	0.75	55,637	206.0
2014	37,388	135.6	16,426	59.6	222	0.81	54,036	196.0
<b>Total</b>	<b>371,492</b>	<b>140.5</b>	<b>168,270</b>	<b>63.6</b>	<b>2,270</b>	<b>0.86</b>	<b>542,032</b>	<b>205.0</b>

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

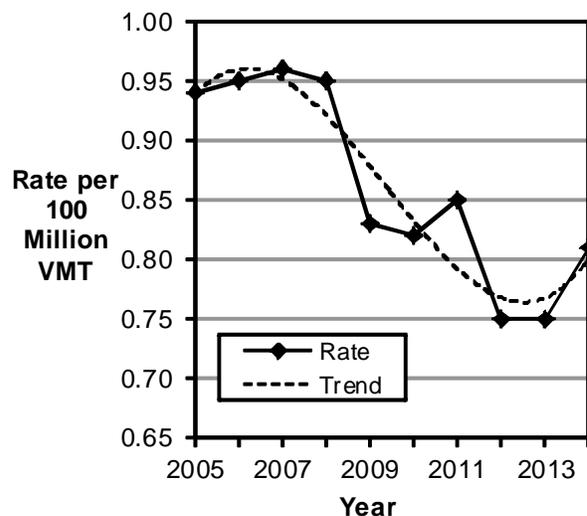
- During the last 10 years, 542,032 motor vehicle crashes occurred in Utah. On average, there are 54,200 crashes a year of which 16,800 involve injuries and 227 involve deaths.
- In 2014, total crashes decreased 2.9% from 2013.
- The 2014 total crash rate per 100 million VMT in Utah was 196.0, a 4.9% decrease from 2013.

### Crash Rates Per 100 Million Vehicle Miles Traveled (Utah 2005-2014)



- The 2010 total crash rate was the lowest on record (see Appendix for records back to 1947).
- There was a 10.3% decrease in the total crash rate from 2005-2014.

### Fatal Crash Rates Per 100 Million Vehicle Miles Traveled (Utah 2005-2014)



- The 2012 and 2013 fatal crash rates were the lowest on record.
- There was a 13.8% decrease in the fatal crash rate from 2005-2014.

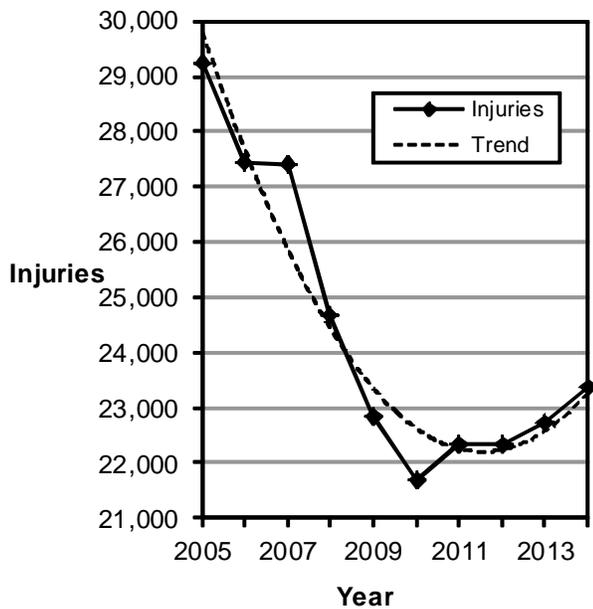
# Trends

## Persons Involved (Utah 2005-2014)

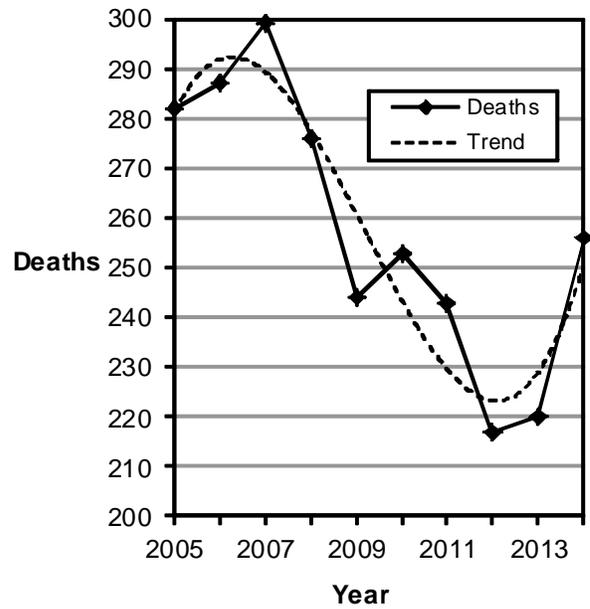
Persons								
Year	Non-Injured		Injured		Killed		Total	
	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT	#	Rate per 100 Million VMT
2005	115,546	459.8	29,221	116.3	282	1.12	145,049	577.2
2006	116,187	444.0	27,433	104.8	287	1.10	143,907	550.0
2007	127,330	474.7	27,420	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
2009	103,956	396.5	22,847	87.1	244	0.93	127,047	484.6
2010	101,966	383.1	21,675	81.4	253	0.95	123,894	465.5
2011	106,526	403.8	22,325	84.6	243	0.92	129,094	489.4
2012	103,156	387.3	22,336	83.9	217	0.81	125,709	471.9
2013	112,004	414.6	22,740	84.2	220	0.81	134,964	499.6
2014	110,562	401.0	23,364	84.7	256	0.93	134,182	486.6
<b>Total</b>	<b>1,110,977</b>	<b>420.1</b>	<b>244,034</b>	<b>92.3</b>	<b>2,577</b>	<b>0.97</b>	<b>1,357,588</b>	<b>513.4</b>

- During the last 10 years, nearly 1.4 million people have been in a crash. On average over the past 10 years, approximately 24,400 people are injured and 258 people are killed in motor vehicle crashes a year.
- The injury rate per vehicle miles traveled decreased 27% from 2005-2014.
- The death rate per vehicle miles traveled in 2012 and 2013 was the lowest in Utah on record.
- 36 more people were killed in a crash in Utah in 2014; a 16.4% increase from 2013.

### Injured Persons by Year (Utah 2005-2014)



### Deaths by Year (Utah 2005-2014)

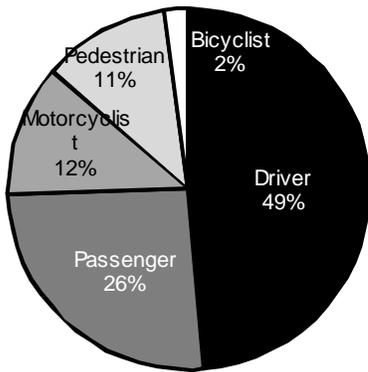


- The number of people injured in a crash increased for the 4th straight year.
- Deaths in 2014 were the highest total in Utah since 2008.

## Trends

### Traffic Deaths by Person Type (Utah 2005-2014)

Person Type	Year										Total	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	#	%
Driver	139	147	139	133	119	129	123	106	106	115	1,256	48.7%
Passenger	97	77	89	69	70	68	55	45	47	50	667	25.9%
Motorcyclist	23	24	33	36	30	21	28	32	31	45	303	11.8%
Pedestrian	20	29	32	34	20	28	32	31	30	37	293	11.4%
Bicyclist	3	10	6	4	5	7	5	3	6	9	58	2.3%
<b>Total</b>	<b>282</b>	<b>287</b>	<b>299</b>	<b>276</b>	<b>244</b>	<b>253</b>	<b>243</b>	<b>217</b>	<b>220</b>	<b>256</b>	<b>2,577</b>	<b>100.0%</b>



- During the last 10 years, 2,577 people died in a crash; 48.7% were drivers, 25.9% were passengers, 11.8% were motorcyclists, 11.4% were pedestrians, and 2.3% were bicyclists.
- The number of drivers and passengers killed has shown a decreasing trend over the last 10 years while the number of motorcyclists and pedestrians killed has shown an increasing trend.
- The number of motorcyclists and pedestrians killed in 2014 was the highest amount in the last 10 years.

### Traffic Deaths by Selected Contributing Factors (Utah 2005-2014)

Crash Factor	Year										Total	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	#	%
Speed	121	113	134	126	123	118	101	92	87	110	1,125	43.7%
Unrestrained Occupant	127	88	82	78	91	86	82	79	59	72	844	32.8%
Drunk Driver	22	39	42	34	31	25	39	20	23	45	320	12.4%
Failed to Yield	29	30	32	38	34	34	27	27	23	30	304	11.8%
Distraction	8	20	28	18	21	19	21	20	17	22	194	7.5%
Drowsy Driver	25	10	46	29	23	13	7	14	14	6	187	7.3%
Red Light/Stop Sign Running	8	5	15	19	26	18	18	14	16	18	157	6.1%
Followed Too Close	3	0	4	9	12	7	14	11	9	9	78	3.0%
<b>Total Deaths</b>	<b>282</b>	<b>287</b>	<b>299</b>	<b>276</b>	<b>244</b>	<b>253</b>	<b>243</b>	<b>217</b>	<b>220</b>	<b>256</b>	<b>2,577</b>	



- During the last 10 years, speed was the leading contributing factor accounting for 43.7% of deaths.
- Nearly one-third of the deaths were to unrestrained occupants. It is estimated that if everyone who died was restrained then 422 of these lives would have been saved.
- In 2014, deaths caused by drunk drivers were the highest in the last 10 years.
- In 2014, deaths involving drowsy drivers were the lowest in the last 10 years.

## Trends

### Traffic Deaths by County (Utah 2005-2014)

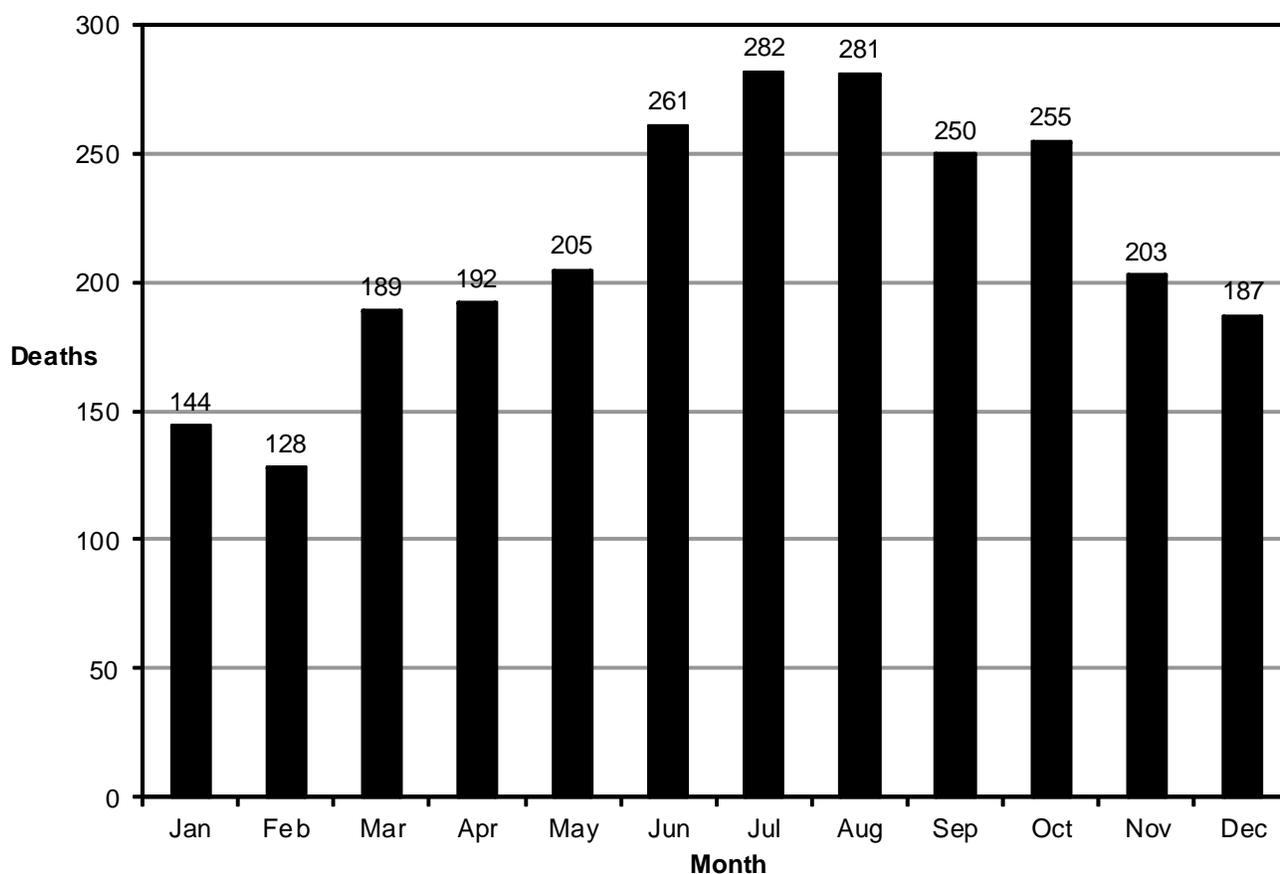
County	Deaths										Total	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	#	%
Salt Lake	63	69	54	64	46	61	66	64	53	66	606	23.5%
Utah	21	30	24	42	21	32	19	20	21	24	254	9.9%
Weber	20	14	25	15	23	21	21	13	18	16	186	7.2%
Washington	14	22	22	18	10	17	9	11	14	18	155	6.0%
Tooele	15	15	10	15	11	12	10	17	8	15	128	5.0%
Davis	8	14	19	14	10	10	14	15	12	11	127	4.9%
Box Elder	32	10	17	9	9	12	9	4	5	13	120	4.7%
San Juan	8	8	16	15	7	2	7	8	7	8	86	3.3%
Millard	16	7	15	7	5	7	3	10	7	4	81	3.1%
Cache	6	14	6	5	10	6	4	6	10	12	79	3.1%
Summit	4	8	6	12	10	5	9	8	4	6	72	2.8%
Iron	8	9	8	3	12	8	10	0	8	3	69	2.7%
Uintah	4	7	9	10	6	6	7	9	2	8	68	2.6%
Duchesne	7	6	4	2	6	10	10	3	4	9	61	2.4%
Sevier	7	7	7	7	5	5	5	2	8	2	55	2.1%
Emery	8	5	7	8	6	5	5	2	6	2	54	2.1%
Grand	8	8	5	4	8	7	1	2	3	7	53	2.1%
Juab	10	2	8	5	8	7	5	1	3	2	51	2.0%
Wasatch	7	7	11	1	4	1	5	6	3	5	50	1.9%
Sanpete	1	6	7	5	4	7	1	1	9	3	44	1.7%
Kane	1	9	5	3	4	3	5	4	2	3	39	1.5%
Carbon	3	4	5	2	3	2	9	2	4	4	38	1.5%
Garfield	5	1	3	2	3	3	3	3	2	4	29	1.1%
Beaver	2	2	3	2	6	1	1	1	4	2	24	0.9%
Morgan	1	0	0	2	2	0	4	1	0	4	14	0.5%
Wayne	2	0	0	1	3	0	0	1	3	3	13	0.5%
Rich	1	2	0	1	2	2	0	1	0	2	11	0.4%
Piute	0	1	2	2	0	0	1	0	0	0	6	0.2%
Daggett	0	0	1	0	0	1	0	2	0	0	4	0.2%
<b>Total</b>	<b>282</b>	<b>287</b>	<b>299</b>	<b>276</b>	<b>244</b>	<b>253</b>	<b>243</b>	<b>217</b>	<b>220</b>	<b>256</b>	<b>2,577</b>	<b>100.0%</b>

- During the last 10 years, nearly one-fourth (23.5%) of the traffic deaths occurred in Salt Lake County.
- Salt Lake, Utah, Weber, Washington, Tooele, Davis, and Box Elder Counties all had over 100 deaths over the last 10 years.
- Urban Counties accounted for 54.6% of the deaths.
- Over the last 10 years, Salt Lake County in 2006 had the highest number of deaths (69).
- Daggett, Iron, Morgan, Piute, Rich, and Wayne Counties had at least one year with no deaths.
- In 2014, Morgan, Rich, and Wayne Counties had their highest total of deaths during the last 10 years.
- In 2014, Daggett, Emery, Piute, and Sevier Counties had their lowest total of deaths during the last 10 years.

## Trends

### Deaths by Month (Utah 2005-2014)

Month	Year										Total	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	#	%
January	16	22	16	23	15	8	16	7	4	17	144	5.6%
February	22	15	13	9	17	9	9	15	13	6	128	5.0%
March	14	23	24	12	27	20	21	20	13	15	189	7.3%
April	18	17	35	12	24	22	14	14	19	17	192	7.5%
May	18	14	24	31	21	23	12	23	15	24	205	8.0%
June	25	26	31	30	20	24	28	16	23	38	261	10.1%
July	25	29	35	29	25	28	22	25	30	34	282	10.9%
August	37	33	26	32	32	24	30	22	27	18	281	10.9%
September	31	31	30	23	19	24	30	17	19	26	250	9.7%
October	30	33	26	28	18	28	21	20	22	29	255	9.9%
November	25	23	21	25	13	18	17	23	23	15	203	7.9%
December	21	21	18	22	13	25	23	15	12	17	187	7.3%
<b>Total</b>	<b>282</b>	<b>287</b>	<b>299</b>	<b>276</b>	<b>244</b>	<b>253</b>	<b>243</b>	<b>217</b>	<b>220</b>	<b>256</b>	<b>2,577</b>	<b>100.0%</b>

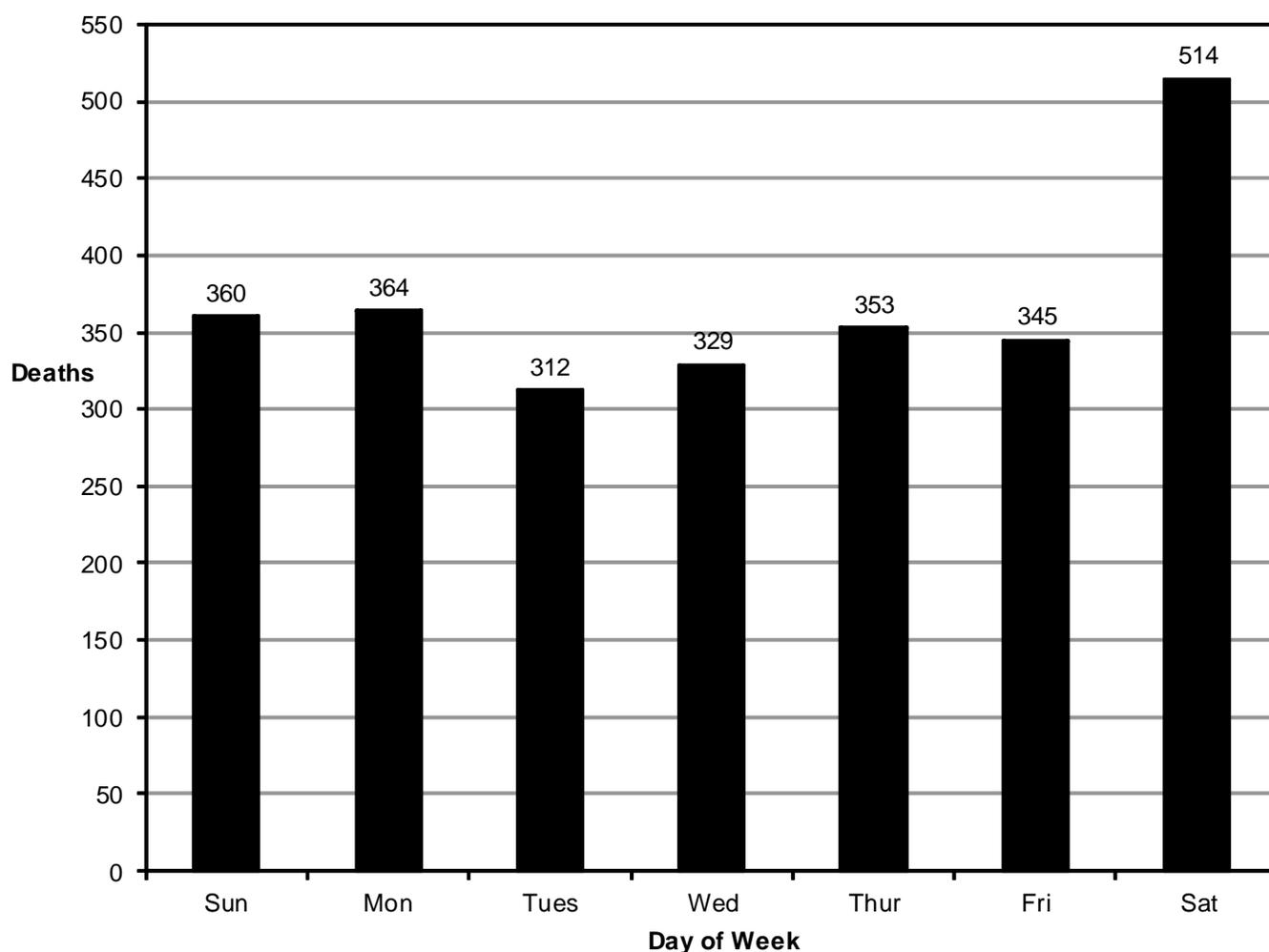


- In the last 10 years, July (282) and August (281) had the highest total number of motor vehicle crash deaths while February (128) and January (144) had the fewest.
- In the last 10 years, June 2014 had the highest number of deaths (38) while January 2013 had the fewest (4).
- In 2014, June (38) and July (34) had the highest number of deaths while February (6) had the fewest.

## Trends

### Deaths by Day of Week (Utah 2005-2014)

Day of Week	Deaths										Total	
	Year										#	%
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
Sunday	33	34	55	47	35	30	27	41	29	29	360	14.0%
Monday	56	41	39	30	33	36	25	30	37	37	364	14.1%
Tuesday	28	32	39	43	39	31	32	24	20	24	312	12.1%
Wednesday	37	34	39	31	40	23	32	34	24	35	329	12.8%
Thursday	42	40	37	31	27	50	33	21	38	34	353	13.7%
Friday	37	33	30	42	32	26	40	29	36	40	345	13.4%
Saturday	49	73	60	52	38	57	54	38	36	57	514	19.9%
<b>Total</b>	<b>282</b>	<b>287</b>	<b>299</b>	<b>276</b>	<b>244</b>	<b>253</b>	<b>243</b>	<b>217</b>	<b>220</b>	<b>256</b>	<b>2,577</b>	<b>100.0%</b>

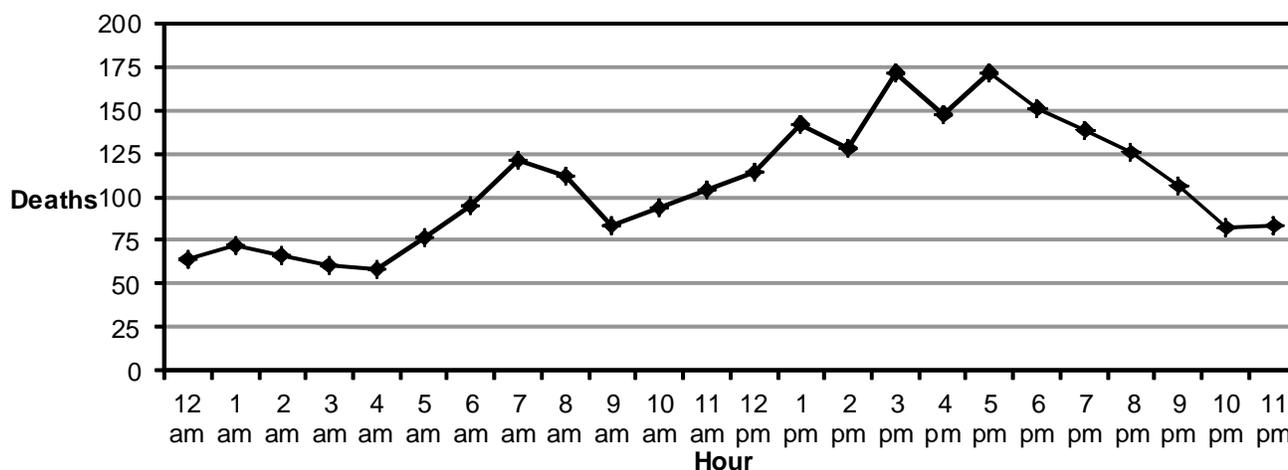


- In the last 10 years, Saturday (514) had the highest total number of motor vehicle crash deaths while Tuesday (312) had the fewest.
- In the last 10 years, Saturdays in 2006 had the highest number of deaths (73) while Tuesdays in 2013 had the fewest (20).
- In 2014, Saturday (57) had the highest number of deaths while Tuesday (24) had the fewest.

## Trends

### Deaths by Hour (Utah 2005-2014)

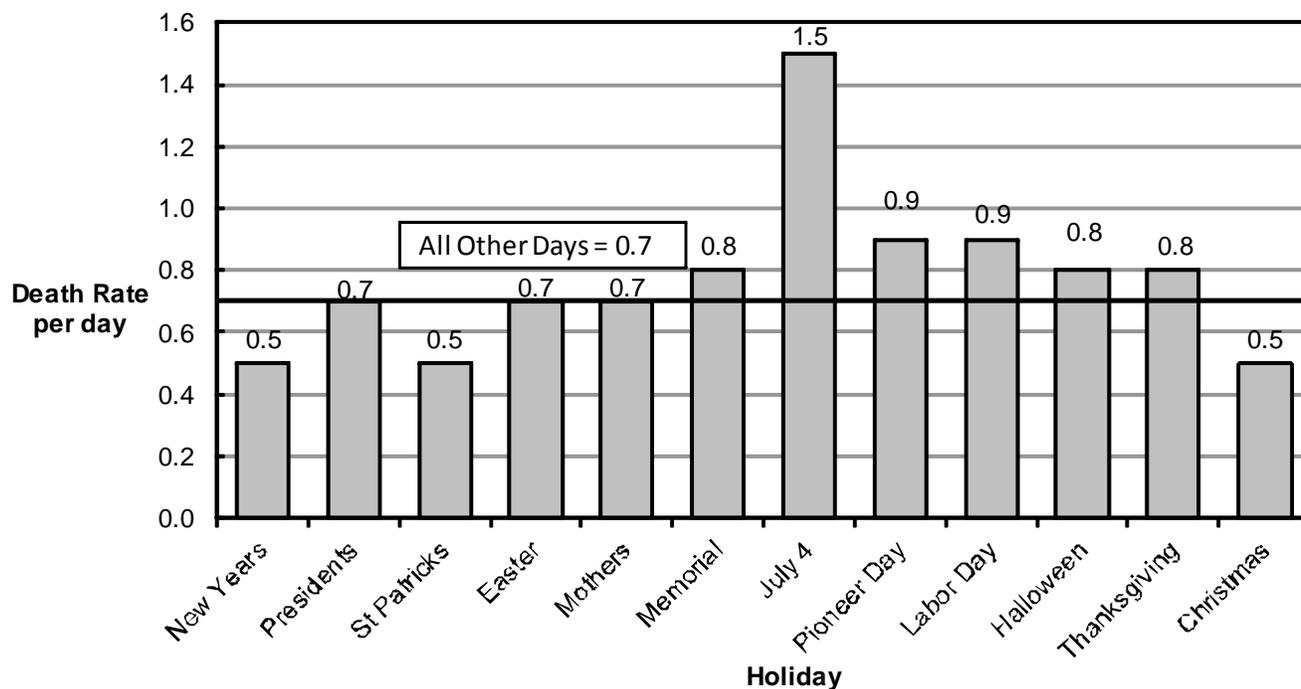
Hour	Year										Total	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	#	%
Midnight	3	5	12	5	16	5	4	6	5	3	64	2.5%
1 a.m.	8	11	9	12	5	4	6	5	4	8	72	2.8%
2 a.m.	7	9	11	7	4	8	7	7	3	3	66	2.6%
3 a.m.	3	6	18	3	3	5	10	6	1	6	61	2.4%
4 a.m.	5	7	3	5	12	3	5	3	5	10	58	2.3%
5 a.m.	14	6	9	8	5	8	10	5	8	4	77	3.0%
6 a.m.	8	13	9	10	8	11	6	7	7	16	95	3.7%
7 a.m.	14	13	12	20	13	17	8	8	9	7	121	4.7%
8 a.m.	14	20	15	8	7	11	7	5	10	15	112	4.4%
9 a.m.	10	14	7	11	6	11	9	3	8	5	84	3.3%
10 a.m.	9	8	7	8	13	9	13	10	9	8	94	3.7%
11 a.m.	15	9	10	16	14	12	6	6	7	9	104	4.0%
Noon	16	8	12	14	7	13	10	8	14	12	114	4.4%
1 p.m.	19	10	15	8	13	14	17	8	19	19	142	5.5%
2 p.m.	9	12	15	9	7	20	14	19	9	14	128	5.0%
3 p.m.	33	18	21	13	22	13	12	10	14	15	171	6.7%
4 p.m.	10	18	14	14	13	12	13	24	14	15	147	5.7%
5 p.m.	15	21	24	18	19	12	13	20	15	15	172	6.7%
6 p.m.	12	18	15	19	10	16	20	11	12	18	151	5.9%
7 p.m.	15	18	16	21	11	15	12	8	12	10	138	5.4%
8 p.m.	13	6	14	16	14	10	14	15	14	10	126	4.9%
9 p.m.	11	13	5	20	13	9	11	6	9	9	106	4.1%
10 p.m.	9	13	10	4	7	4	7	11	5	12	82	3.2%
11 p.m.	9	10	15	6	1	10	9	6	7	11	84	3.3%
<b>Total</b>	<b>281</b>	<b>286</b>	<b>298</b>	<b>275</b>	<b>243</b>	<b>252</b>	<b>243</b>	<b>217</b>	<b>220</b>	<b>254</b>	<b>2,569</b>	<b>100.0%</b>



- In the last 10 years, 5 p.m. (172) and 3 p.m. (171) had the highest total number of motor vehicle crash deaths while 4 a.m. (58) and 3 a.m. (61) had the fewest.
- In the last 10 years, 3 p.m. in 2005 had the highest number of deaths (33) while 11 p.m. in 2009 and 3 a.m. in 2013 had the fewest (1).
- In 2014, 1 p.m. (19) had the highest number of deaths while midnight and 2 a.m. (3) had the fewest.

## Trends

### Holiday Death Rate Per Day (Utah 2005-2014)



### Holiday Deaths

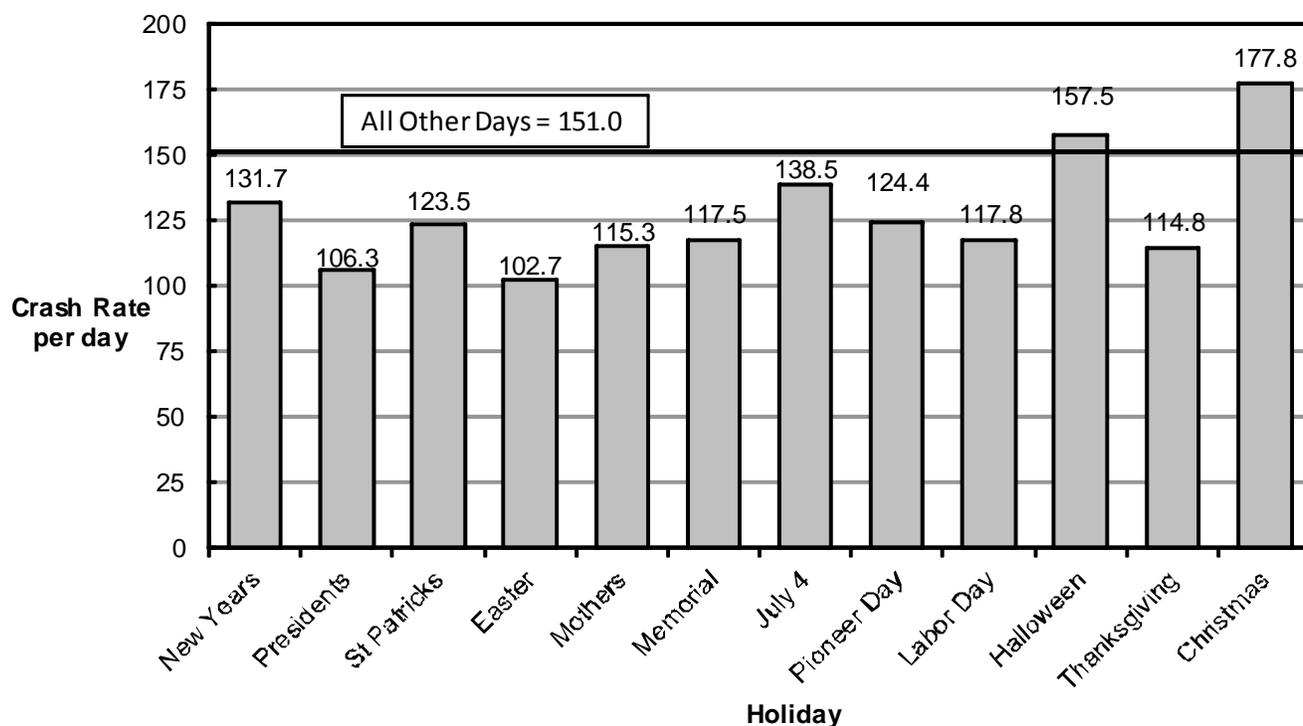
Year	New Years		Presidents		St Patricks		Easter		Mothers		Memorial Day		4th of July		Pioneer Day		Labor Day		Halloween		Thanksgiving		Christmas		Total	
	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day
2005	5	1.7	7	1.8	2	0.4	2	0.7	1	0.3	7	1.8	9	2.3	4	1.3	3	0.8	11	2.8	4	0.8	2	0.7	57	1.3
2006	0	0.0	4	1.0	1	0.3	3	1.0	2	0.7	2	0.5	1	0.3	7	1.8	6	1.5	1	0.3	8	1.6	10	2.5	45	1.0
2007	0	0.0	1	0.3	3	1.0	2	0.7	1	0.3	2	0.5	3	1.0	4	1.3	6	1.5	5	1.7	6	1.2	1	0.3	34	0.9
2008	2	0.7	1	0.3	6	1.5	0	0.0	1	0.3	5	1.3	12	3.0	4	0.8	2	0.5	0	0.0	3	0.6	1	0.2	37	0.8
2009	1	0.2	3	0.8	2	0.7	4	1.3	2	0.7	4	1.0	1	0.3	1	0.3	2	0.5	1	0.3	0	0.0	0	0.0	21	0.5
2010	2	0.5	0	0.0	1	0.3	2	0.7	5	1.7	3	0.8	4	1.3	2	0.7	3	0.8	0	0.0	6	1.2	0	0.0	28	0.7
2011	3	1.0	0	0.0	0	0.0	1	0.3	0	0.0	1	0.3	3	0.8	1	0.3	3	0.8	5	1.3	0	0.0	1	0.3	18	0.4
2012	0	0.0	3	0.8	0	0.0	0	0.0	6	2.0	0	0.0	0	0.0	2	0.7	3	0.8	1	0.3	5	1.0	2	0.7	22	0.5
2013	0	0.0	3	0.8	0	0.0	5	1.7	2	0.7	5	1.3	10	2.0	1	0.3	3	0.8	0	0.0	4	0.8	0	0.0	33	0.8
2014	5	1.7	4	1.0	3	0.8	1	0.3	2	0.7	2	0.5	10	2.5	7	1.4	3	0.8	4	1.0	3	0.6	1	0.2	45	0.9
<b>Total</b>	<b>18</b>	<b>0.5</b>	<b>26</b>	<b>0.7</b>	<b>18</b>	<b>0.5</b>	<b>20</b>	<b>0.7</b>	<b>22</b>	<b>0.7</b>	<b>31</b>	<b>0.8</b>	<b>53</b>	<b>1.5</b>	<b>33</b>	<b>0.9</b>	<b>34</b>	<b>0.9</b>	<b>28</b>	<b>0.8</b>	<b>39</b>	<b>0.8</b>	<b>18</b>	<b>0.5</b>	<b>340</b>	<b>0.8</b>

- 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 4th of July Holiday (1.5) had the highest rate of deaths while the New Years Holiday (0.5), St. Patrick's Day Holiday (0.5), and Christmas Holiday (0.5) had the lowest rates.
- In 2014, the 4th of July Holiday had the highest death rate per day (2.5) while the Christmas Holiday had the lowest rate (0.2).
- New Years, President's Day, St. Patrick's Day, 4th of July, Pioneer Day, Labor Day, and Halloween Holidays had higher death rates per day than the rate per day for all 2014 days (0.7).

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

## Holidays

### Holiday Crash Rate Per Day (Utah 2014)



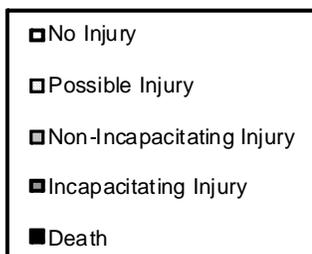
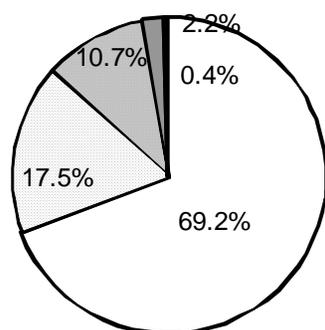
Holiday Crashes			
Holiday	#	Days	Rate Per Day
New Years	395	3	131.7
Presidents	425	4	106.3
St Patricks	494	4	123.5
Easter	308	3	102.7
Mothers	346	3	115.3
Memorial Day	470	4	117.5
4th of July	554	4	138.5
Pioneer Day	622	5	124.4
Labor Day	471	4	117.8
Halloween	630	4	157.5
Thanksgiving	574	5	114.8
Christmas	889	5	177.8
<b>Total</b>	<b>6,178</b>	<b>48</b>	<b>128.7</b>
<b>All Other Days</b>	<b>47,858</b>	<b>317</b>	<b>151.0</b>

- The total number of miles traveled decreases during holidays. Corresponding with this reduced travel crashes also were lower during holiday periods (128.7 per day compared to 151.0 per day)
- The Christmas Holiday had the highest crash rate per day (177.8) while the Easter Holiday had the lowest rate (102.7).
- Only the Christmas (177.8) and Halloween (157.5) Holidays had higher crash rates per day than the rate per day for all days (151.0).

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

## Crash Conditions

### Crash Severity (Utah 2014)



- For crashes that occurred in Utah during 2014, 69.2% resulted in property damage only, 30.4% resulted in some level of injury, and 0.4% involved a death.

### Month (Utah 2014)

Month	Crashes							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day
January	3,424	110.5	1,150	37.1	17	0.55	4,591	148.1
February	2,718	97.1	1,036	37.0	4	0.14	3,758	134.2
March	2,729	88.0	1,293	41.7	14	0.45	4,036	130.2
April	2,862	95.4	1,298	43.3	16	0.53	4,176	139.2
May	2,936	94.7	1,515	48.9	19	0.61	4,470	144.2
June	2,655	88.5	1,380	46.0	33	1.10	4,068	135.6
July	2,975	96.0	1,459	47.1	25	0.81	4,459	143.8
August	3,028	97.7	1,439	46.4	16	0.52	4,483	144.6
September	3,209	107.0	1,480	49.3	25	0.83	4,714	157.1
October	3,281	105.8	1,524	49.2	27	0.87	4,832	155.9
November	3,475	115.8	1,330	44.3	13	0.43	4,818	160.6
December	4,096	132.1	1,522	49.1	13	0.42	5,631	181.6
<b>Total</b>	<b>37,388</b>	<b>102.4</b>	<b>16,426</b>	<b>45.0</b>	<b>222</b>	<b>0.61</b>	<b>54,036</b>	<b>148.0</b>

- Total crash rates per day were highest in December and November.
- Total crash rates per day were lowest in March and February.
- The highest rate per day for fatal crashes occurred during June and the lowest fatal rate occurred in February.

### Day of Week (Utah 2014)

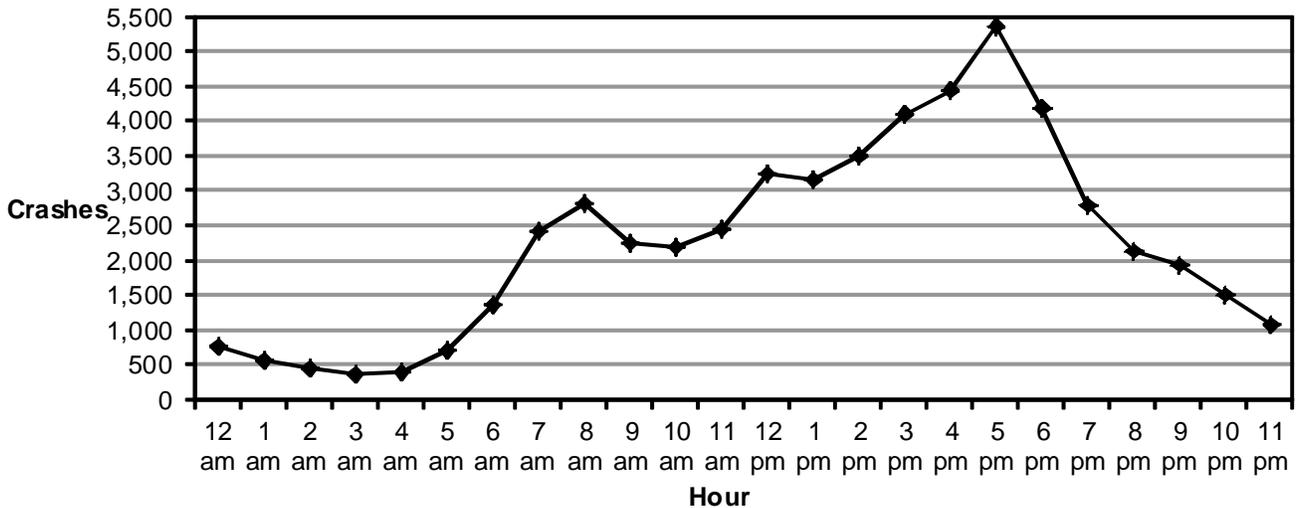
Day of Week	Crashes							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Sunday	2,948	7.9%	1,286	7.8%	20	9.0%	4,254	7.9%
Monday	5,581	14.9%	2,445	14.9%	34	15.3%	8,060	14.9%
Tuesday	5,843	15.6%	2,569	15.6%	23	10.4%	8,435	15.6%
Wednesday	5,962	15.9%	2,507	15.3%	31	14.0%	8,500	15.7%
Thursday	5,959	15.9%	2,572	15.7%	32	14.4%	8,563	15.8%
Friday	6,217	16.6%	2,817	17.1%	33	14.9%	9,067	16.8%
Saturday	4,878	13.0%	2,230	13.6%	49	22.1%	7,157	13.2%
<b>Total</b>	<b>37,388</b>	<b>100.0%</b>	<b>16,426</b>	<b>100.0%</b>	<b>222</b>	<b>100.0%</b>	<b>54,036</b>	<b>100.0%</b>

- The highest percentage of total crashes occurred on Friday.
- The highest percentage of fatal crashes occurred on Saturday.
- Crashes on the weekend were 1.7 times more likely to be fatal than weekday crashes.

# Crash Conditions

## Hour (Utah 2014)

Crashes								
Hour	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Midnight	555	1.5%	209	1.3%	3	1.4%	767	1.4%
1 a.m.	391	1.0%	159	1.0%	6	2.7%	556	1.0%
2 a.m.	302	0.8%	140	0.9%	3	1.4%	445	0.8%
3 a.m.	235	0.6%	120	0.7%	5	2.3%	360	0.7%
4 a.m.	278	0.7%	111	0.7%	5	2.3%	394	0.7%
5 a.m.	532	1.4%	179	1.1%	3	1.4%	714	1.3%
6 a.m.	998	2.7%	359	2.2%	15	6.8%	1,372	2.5%
7 a.m.	1,668	4.5%	735	4.5%	7	3.2%	2,410	4.5%
8 a.m.	2,033	5.4%	770	4.7%	14	6.3%	2,817	5.2%
9 a.m.	1,603	4.3%	636	3.9%	4	1.8%	2,243	4.2%
10 a.m.	1,531	4.1%	639	3.9%	8	3.6%	2,178	4.0%
11 a.m.	1,700	4.5%	740	4.5%	9	4.1%	2,449	4.5%
Noon	2,278	6.1%	943	5.7%	10	4.5%	3,231	6.0%
1 p.m.	2,233	6.0%	919	5.6%	17	7.7%	3,169	5.9%
2 p.m.	2,419	6.5%	1,072	6.5%	9	4.1%	3,500	6.5%
3 p.m.	2,756	7.4%	1,325	8.1%	11	5.0%	4,092	7.6%
4 p.m.	3,023	8.1%	1,396	8.5%	14	6.3%	4,433	8.2%
5 p.m.	3,654	9.8%	1,677	10.2%	13	5.9%	5,344	9.9%
6 p.m.	2,788	7.5%	1,375	8.4%	16	7.2%	4,179	7.7%
7 p.m.	1,835	4.9%	927	5.6%	10	4.5%	2,772	5.1%
8 p.m.	1,475	3.9%	651	4.0%	9	4.1%	2,135	4.0%
9 p.m.	1,325	3.5%	583	3.5%	8	3.6%	1,916	3.5%
10 p.m.	1,042	2.8%	442	2.7%	12	5.4%	1,496	2.8%
11 p.m.	735	2.0%	318	1.9%	9	4.1%	1,062	2.0%
Unknown	0	0.0%	0	0.0%	2	0.9%	2	0.0%
<b>Total</b>	<b>37,389</b>	<b>100.0%</b>	<b>16,425</b>	<b>100.0%</b>	<b>222</b>	<b>100.0%</b>	<b>54,036</b>	<b>100.0%</b>



- 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 1:00 p.m. and 6:00 p.m. hours.

# Crash Conditions

## County Crash Comparison (Utah 2014)

County Crash Comparison															
County	Fatal Crash Rate per VMT Rank	Overall Crash Rate per VMT Rank	Percent of Crash Occupants Unrestrained Rank	Speed Crash Rate per VMT Rank	Alcohol-Related Crash Rate per VMT Rank	Drug-Related Crash Rate per VMT Rank	Dis-tracted Driver Crash Rate per VMT Rank	Drowsy Driver Crash Rate per VMT Rank	Teen Driver Crash Rate per VMT Rank	Older Driver Crash Rate per VMT Rank	Motor-cycle Crash Rate per Rgstrd Mtrcycl Rank	Pedes-trian Crash Rate per Pop. Rank	Bicy-clist Crash Rate per Pop. Rank	Total County Highway Safety Ranking	
Salt Lake	20	1	26	3	1	2	1	22	3	3	12	2	1	7.5	
Weber	17	2	24	12	3	3	2	15	1	1	18	4	3	8.1	
Duchesne	4	8	4	7	2	1	7	8	12	15	15	7	20	8.5	
Cache	11	3	25	9	10	8	5	21	2	4	24	14	4	10.8	
Wayne	1	13	9	25	19	27	6	1	8	6	2	6	20	11.0	
Utah	25	4	28	6	18	4	3	17	5	9	17	10	11	12.1	
Rich	2	17	1	11	4	13	10	29	18	5	3	25	20	12.2	
Washington	13	9	22	23	8	11	8	23	6	2	13	16	6	12.3	
Garfield	3	16	7	17	14	22	24	2	25	12	1	5	20	12.9	
Summit	18	7	23	4	5	12	16	18	13	16	27	3	7	13.0	
Davis	27	5	29	14	12	9	4	16	4	8	25	9	9	13.2	
Sevier	21	22	3	10	9	5	21	6	19	13	26	12	12	13.8	
Tooele	10	18	15	22	7	7	20	14	11	18	19	11	8	13.8	
Kane	7	11	14	21	21	24	17	4	21	7	6	20	13	14.3	
Morgan	5	15	17	1	29	23	14	13	16	28	10	1	15	14.4	
Uintah	6	14	19	20	6	10	11	19	10	19	21	17	18	14.6	
Carbon	16	19	12	27	11	6	9	24	15	11	23	8	10	14.7	
Sanpete	9	10	10	15	16	15	18	27	7	10	14	23	17	14.7	
Wasatch	8	6	20	5	13	14	12	25	9	20	16	25	19	14.8	
Box Elder	12	21	21	8	20	16	13	11	17	17	11	13	14	14.9	
Grand	14	28	5	29	24	26	22	5	29	25	8	15	2	17.8	
Iron	26	20	16	16	17	17	15	28	14	22	20	18	5	18.0	
Daggett	28	23	27	2	25	27	19	7	20	14	4	25	20	18.5	
Beaver	19	25	8	13	28	25	25	9	22	21	9	19	20	18.7	
San Juan	15	24	6	28	15	20	29	26	28	24	5	24	20	20.3	
Emery	23	29	18	24	26	18	23	12	26	29	7	25	16	21.2	
Piute	28	12	2	18	23	27	28	20	23	23	29	25	20	21.4	
Juab	24	26	11	26	27	19	26	3	27	27	22	21	20	21.5	
Millard	22	27	13	19	22	21	27	10	24	26	28	22	20	21.6	
<b>Note:</b>	Rank 1-17 Above State Avg.	Rank 1-3 Above State Avg.	Rank 1-24 Above State Avg.	Rank 1-9 Above State Avg.	Rank 1-7 Above State Avg.	Rank 1-4 Above State Avg.	Rank 1-2 Above State Avg.	Rank 1-15 Above State Avg.	Rank 1-5 Above State Avg.	Rank 1-4 Above State Avg.	Rank 1-15 Above State Avg.	Rank 1-6 Above State Avg.	Rank 1-4 Above State Avg.	Total Safety Ranking Average = 14.8	

This is a comparison developed to evaluate the different counties using a County Highway Safety Ranking. Each County is ranked with 1 being the worst ranking and 29 being the best ranking on various categories. The bottom row shows what counties ranked above the state average for that category. Counties above the state average are marked in gray for that category. The average of all the categories was taken to arrive at an overall ranking.

- Salt Lake, Weber, and Duchesne Counties were the worst overall counties. Salt Lake County was above the state average in ten of the thirteen categories.
- Millard, Juab, and Piute Counties were the best overall counties. Millard County was below the state average in every category except two.
- In 2013, Weber was the worst county and Piute was the best. In 2012, Weber was the worst county and Juab was the best. In 2011, Duchesne was the worst county and Millard was the best.

## Crash Conditions

### Crashes by County (Utah 2014)

County	Crashes							
	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	17,274	190.3	7,501	82.6	58	0.64	24,833	273.5
Weber	2,559	155.4	1,464	88.9	14	0.85	4,037	245.1
Cache	1,321	146.9	475	52.8	12	1.33	1,808	201.1
Utah	4,976	121.8	2,448	59.9	20	0.49	7,444	182.2
Davis	3,135	121.0	1,544	59.6	10	0.39	4,689	181.0
Wasatch	449	127.1	130	36.8	5	1.42	584	165.3
Summit	1,029	134.8	223	29.2	6	0.79	1,258	164.8
Duchesne	326	115.1	128	45.2	9	3.18	463	163.4
Washington	1,468	103.4	724	51.0	18	1.27	2,210	155.6
Sanpete	243	112.2	72	33.2	3	1.39	318	146.8
Kane	151	112.6	42	31.3	2	1.49	195	145.4
Piute	28	96.6	12	41.4	0	0.00	40	137.9
Wayne	47	96.4	18	36.9	2	4.10	67	137.4
Uintah	449	105.0	125	29.2	7	1.64	581	135.8
Morgan	139	104.4	32	24.0	3	2.25	174	130.7
Garfield	105	91.8	39	34.1	4	3.50	148	129.4
Rich	41	81.5	19	37.7	2	3.97	62	123.2
Tooele	715	87.0	277	33.7	11	1.34	1,003	122.0
Carbon	275	84.6	106	32.6	3	0.92	384	118.1
Iron	594	78.8	246	32.7	3	0.40	843	111.9
Box Elder	715	78.5	290	31.8	12	1.32	1,017	111.6
Sevier	228	71.4	103	32.2	2	0.63	333	104.2
Daggett	26	80.4	7	21.6	0	0.00	33	102.1
San Juan	208	72.8	48	16.8	3	1.05	259	90.6
Beaver	164	60.4	57	21.0	2	0.74	223	82.2
Juab	192	52.1	62	16.8	2	0.54	256	69.5
Millard	237	47.2	94	18.7	3	0.60	334	66.5
Grand	140	39.8	76	21.6	4	1.14	220	62.5
Emery	154	43.3	64	18.0	2	0.56	220	61.8
<b>Statewide</b>	<b>37,388</b>	<b>135.6</b>	<b>16,426</b>	<b>59.6</b>	<b>222</b>	<b>0.81</b>	<b>54,036</b>	<b>196.0</b>

- Salt Lake (273.5), Weber (245.1), and Cache (201.1) counties had the highest total crash rates per miles traveled.
- Emery (61.8), Grand (62.5), and Millard (66.5) counties had the lowest total crash rates per miles traveled.
- Wayne (4.10), Rich (3.97), and Garfield (3.50) counties had the highest fatal crash rates per miles traveled.
- Daggett and Piute Counties had no fatal crashes.

### Urban/Rural Location (Utah 2014)

- While urban areas had a higher rate of total crashes per vmt, rural areas had a higher fatal crash rate.
- Crashes occurring in rural areas were 3.4 times more likely to result in a death than crashes in urban areas.

Location	Crashes							
	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	30,733	155.8	14,156	71.8	132	0.67	45,021	228.3
Rural	6,655	84.7	2,270	28.9	90	1.15	9,015	114.8
<b>Total</b>	<b>37,388</b>	<b>135.6</b>	<b>16,426</b>	<b>59.6</b>	<b>222</b>	<b>0.81</b>	<b>54,036</b>	<b>196.0</b>

## Crash Conditions

### Crashes by City (Utah 2014)

Total Crash Rate for Cities With Population 5,000+ or 50+ Crashes											
Rank by Rate	Rank by Total	City	Population	Total Crashes	Rate per 10,000 Pop.	Rank by Rate	Rank by Total	City	Population	Total Crashes	Rate per 10,000 Pop.
1	50	Marriot-Slaterville	1,701	197	1,158.1	48	36	Holladay	26,472	388	146.6
2	31	Park City	7,547	437	579.0	49	53	West Haven	10,272	150	146.0
3	65	Willard	1,772	83	468.4	50	28	Tooele	31,605	461	145.9
4	15	South Salt Lake	23,617	1,076	455.6	51	20	Bountiful	42,552	604	141.9
5	4	Murray	46,746	2,109	451.2	52	71	Moab	5,046	71	140.7
6	77	Uintah	1,322	58	438.7	53	42	Washington	18,761	263	140.2
7	37	Riverdale	8,426	369	437.9	54	40	Herriman	21,785	300	137.7
8	12	Midvale	27,964	1,199	428.8	55	58	Woods Cross	9,761	130	133.2
9	46	West Bountiful	5,265	217	412.2	56	45	Saratoga Springs	17,781	235	132.2
10	11	Draper	40,532	1,228	303.0	57	73	Sunset	5,122	67	130.8
11	6	Taylorville	58,652	1,652	281.7	58	62	Tremonton	7,647	100	130.8
12	29	North Salt Lake	16,322	455	278.8	59	32	Pleasant Grove	33,509	434	129.5
13	3	Sandy	87,461	2,433	278.2	60	9	Provo	112,488	1,414	125.7
14	2	West Valley City	129,480	3,586	277.0	61	30	Riverton	38,753	455	117.4
15	35	Centerville	15,335	415	270.6	62	48	Brigham City	17,899	209	116.8
16	44	Vernal	9,089	243	267.4	63	39	Kaysville	27,300	304	111.4
17	47	North Logan	8,269	212	256.4	64	59	Heber	11,362	121	106.5
18	52	Roosevelt	6,046	155	256.4	65	80	Stansbury Park	5,145	54	105.0
19	43	Lindon	10,070	252	250.2	66	74	Ephraim	6,135	62	101.1
20	55	Farr West	5,928	144	242.9	67	57	Hurricane	13,748	135	98.2
21	33	Farmington	18,275	433	236.9	68	64	Santaquin	9,128	87	95.3
22	1	Salt Lake City	186,440	4,371	234.4	69	79	South Weber	6,051	57	94.2
23	49	Price	8,715	199	228.3	70	70	Pleasant View	7,979	73	91.5
24	61	Perry	4,512	103	228.3	71	82	Plain City	5,476	50	91.3
25	69	Wellsville	3,432	73	212.7	72	51	Clinton	20,426	171	83.7
26	17	Lehi	47,407	1,001	211.2	73	75	Richfield	7,551	62	82.1
27	16	Logan	48,174	1,013	210.3	74	84	Nephi	5,389	44	81.6
28	22	American Fork	26,263	533	202.9	75	68	Washington Terrace	9,067	74	81.6
29	7	St. George	72,897	1,449	198.8	76	81	Salem	6,423	51	79.4
30	13	Millcreek	62,139	1,195	192.3	77	78	Hyrum	7,609	58	76.2
31	19	Roy	36,884	702	190.3	78	72	Smithfield	9,495	71	74.8
32	56	Bluffdale	7,598	143	188.2	79	60	Highland	15,523	116	74.7
33	5	West Jordan	103,712	1,920	185.1	80	87	Nibley	5,438	40	73.6
34	38	South Ogden	16,532	305	184.5	81	76	Grantsville	8,893	59	66.3
35	18	South Jordan	50,418	881	174.7	82	85	Providence	7,075	44	62.2
36	8	Ogden	82,825	1,420	171.4	83	54	Syracuse	24,331	145	59.6
37	14	Layton	67,311	1,132	168.2	84	83	Mapleton	7,979	47	58.9
38	26	Cedar City	28,857	479	166.0	85	63	North Ogden	17,357	95	54.7
39	25	Springville	29,466	487	165.3	86	86	West Point	9,511	44	46.3
40	34	Magna	26,505	430	162.2	87	67	Eagle Mountain	21,415	78	36.4
41	41	Payson	18,294	293	160.2	88	89	Hooper	7,218	26	36.0
42	10	Orem	88,328	1,408	159.4	89	88	Alpine	9,555	32	33.5
43	21	Spanish Fork	34,691	542	156.2	90	91	Ivins	6,753	21	31.1
44	27	Clearfield	30,112	462	153.4	91	92	Enoch	5,803	16	27.6
45	24	Cottonwood Heights	33,433	500	149.6	92	93	Santa Clara	6,003	16	26.7
46	66	Harrisville	5,567	82	147.3	93	90	Cedar Hills	9,796	22	22.5
47	23	Kearns	35,731	525	146.9			<b>Total</b>	<b>2,406,449</b>	<b>46,157</b>	<b>191.8</b>

- The five cities with the highest rates of total crashes per population were Marriot-Slaterville, Park City, Willard, South Salt Lake, and Murray. The five cities with the highest total number of crashes were Salt Lake City, West Valley City, Sandy, Murray, and West Jordan.
- Herriman (+21), Harrisville (+20), and Clinton (+19) had the largest increase in rankings from 2013.
- Woods Cross (-25), West Haven (-21), and Nephi (-19) had the biggest decrease in rankings from 2013.

## Crash Conditions

### Light Condition (Utah 2014)

Light Condition	Crashes							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Daylight	25,970	69.5%	11,813	71.9%	127	57.2%	<b>37,910</b>	<b>70.2%</b>
Dark	9,456	25.3%	3,950	24.0%	79	35.6%	<b>13,485</b>	<b>25.0%</b>
Dawn/Dusk	1,375	3.7%	595	3.6%	14	6.3%	<b>1,984</b>	<b>3.7%</b>
Unknown	587	1.6%	68	0.4%	2	0.9%	<b>657</b>	<b>1.2%</b>
<b>Total</b>	<b>37,388</b>	<b>100.0%</b>	<b>16,426</b>	<b>100.0%</b>	<b>222</b>	<b>100.0%</b>	<b>54,036</b>	<b>100.0%</b>

- Nearly three-fourths (70.2%) of crashes occurred during daylight.
- Over one-third (35.6%) of fatal crashes occurred during dark conditions. Crashes occurring at dark were 1.7 times more likely to be fatal.

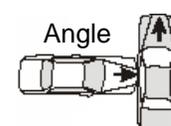
### Number of Vehicles Involved (Utah 2014)

Vehicles Involved	Crashes							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
1	9,298	24.9%	4,692	28.6%	126	56.8%	<b>14,116</b>	<b>26.1%</b>
2	25,826	69.1%	9,553	58.2%	70	31.5%	<b>35,449</b>	<b>65.6%</b>
3	1,902	5.1%	1,702	10.4%	15	6.8%	<b>3,619</b>	<b>6.7%</b>
4 or more	362	1.0%	479	2.9%	11	5.0%	<b>852</b>	<b>1.6%</b>
<b>Total</b>	<b>37,388</b>	<b>100.0%</b>	<b>16,426</b>	<b>100.0%</b>	<b>222</b>	<b>100.0%</b>	<b>54,036</b>	<b>100.0%</b>

- While nearly three-fourths (73.9%) of all crashes involved two or more motor vehicles, 56.8% of fatal crashes involved only one motor vehicle.

### Collision Description (Utah 2014)

Collision Description	Crashes							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Single Vehicle	10,502	28.1%	5,148	31.3%	141	63.5%	<b>15,791</b>	<b>29.2%</b>
Rear End (front-to-rear)	10,439	27.9%	5,172	31.5%	8	3.6%	<b>15,619</b>	<b>28.9%</b>
Angle	7,200	19.3%	4,228	25.7%	41	18.5%	<b>11,469</b>	<b>21.2%</b>
Sideswipe	4,484	12.0%	822	5.0%	7	3.2%	<b>5,313</b>	<b>9.8%</b>
Parked Vehicle	2,926	7.8%	317	1.9%	4	1.8%	<b>3,247</b>	<b>6.0%</b>
Head On (front-to-front)	547	1.5%	558	3.4%	19	8.6%	<b>1,124</b>	<b>2.1%</b>
Rear to Side/Rear	678	1.8%	45	0.3%	1	0.5%	<b>724</b>	<b>1.3%</b>
Other	120	0.3%	71	0.4%	1	0.5%	<b>192</b>	<b>0.4%</b>
Unknown	492	1.3%	65	0.4%	0	0.0%	<b>557</b>	<b>1.0%</b>
<b>Total</b>	<b>37,388</b>	<b>100.0%</b>	<b>16,426</b>	<b>100.0%</b>	<b>222</b>	<b>100.0%</b>	<b>54,036</b>	<b>100.0%</b>



Rear End



Head On



- For all crashes, the leading collision types were single vehicle, rear end, and angle.
- The leading collision types in fatal crashes were single vehicle and angle.
- Head on collisions were 4.4 times more likely to result in a death than other collision types.

## Crash Conditions

### Vehicle Maneuver Prior to Crash (Utah 2014)

Vehicles								
Vehicle Maneuver	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Straight Ahead	33,215	48.7%	17,116	55.2%	270	72.2%	50,601	50.8%
Stopped in Traffic Lane	7,187	10.5%	4,319	13.9%	29	7.8%	11,535	11.6%
Turning Left	5,564	8.2%	3,522	11.4%	28	7.5%	9,114	9.2%
Parked	4,783	7.0%	689	2.2%	14	3.7%	5,486	5.5%
Slowing in Traffic Lane	3,314	4.9%	1,674	5.4%	6	1.6%	4,994	5.0%
Turning Right	2,950	4.3%	1,124	3.6%	5	1.3%	4,079	4.1%
Backing	3,015	4.4%	244	0.8%	2	0.5%	3,261	3.3%
Changing Lanes	2,049	3.0%	550	1.8%	8	2.1%	2,607	2.6%
Entering Traffic Lane	641	0.9%	270	0.9%	0	0.0%	911	0.9%
Parking Maneuvers	861	1.3%	48	0.2%	0	0.0%	909	0.9%
Making U-turn	568	0.8%	216	0.7%	2	0.5%	786	0.8%
Overtaking/Passing	344	0.5%	110	0.4%	7	1.9%	461	0.5%
Leaving Traffic Lane	248	0.4%	124	0.4%	0	0.0%	372	0.4%
Other	474	0.7%	224	0.7%	1	0.3%	699	0.7%
Unknown	2,976	4.4%	767	2.5%	2	0.5%	3,745	3.8%
<b>Total</b>	<b>68,189</b>	<b>100.0%</b>	<b>30,997</b>	<b>100.0%</b>	<b>374</b>	<b>100.0%</b>	<b>99,560</b>	<b>100.0%</b>

- For total crashes, straight ahead (50.8%), stopped in traffic lane (11.6%), and turning left (9.2%) were the leading vehicle maneuvers prior to the crash.
- For fatal crashes, straight ahead (72.2%) and stopped (7.8%) were the leading vehicle maneuvers.
- Overtaking/passing was one of the deadliest maneuvers to make as crashes were 4.0 times more likely to be fatal compared to other vehicle maneuvers.

### Roadway Junction or Feature (Utah 2014)

Crashes									
Roadway Junction or Feature	PDO Crashes		Injury Crashes		Fatal Crashes		Total		
	#	%	#	%	#	%	#	%	
None	25,604	68.5%	9,913	60.3%	145	65.3%	35,662	66.0%	
4-Leg Intersection	5,068	13.6%	3,670	22.3%	42	18.9%	8,780	16.2%	
T-Intersection	1,949	5.2%	1,110	6.8%	22	9.9%	3,081	5.7%	
Business/Residential Drive	1,290	3.5%	396	2.4%	6	2.7%	1,692	3.1%	
On-Ramp/Off-Ramp	1,002	2.7%	342	2.1%	5	2.3%	1,349	2.5%	
Bridge (overpass/underpass)	600	1.6%	267	1.6%	1	0.5%	868	1.6%	
On-Ramp Merge/Off-Ramp Diverge Area	533	1.4%	212	1.3%	0	0.0%	745	1.4%	
Other Intersection (Y, 5-Leg, Bike Path, Ramp w/X-rd)	226	0.6%	156	0.9%	1	0.5%	383	0.7%	
Roundabout	173	0.5%	47	0.3%	0	0.0%	220	0.4%	
Railroad Crossing	108	0.3%	62	0.4%	0	0.0%	170	0.3%	
Other	634	1.7%	191	1.2%	0	0.0%	825	1.5%	
Unknown	201	0.5%	60	0.4%	0	0.0%	261	0.5%	
<b>Total</b>	<b>37,388</b>	<b>100.0%</b>	<b>16,426</b>	<b>100.0%</b>	<b>222</b>	<b>100.0%</b>	<b>54,036</b>	<b>100.0%</b>	

- While the majority (66.0%) of all crashes occurred on a roadway with no junction or feature, 22.7% of crashes occurred at an intersection.

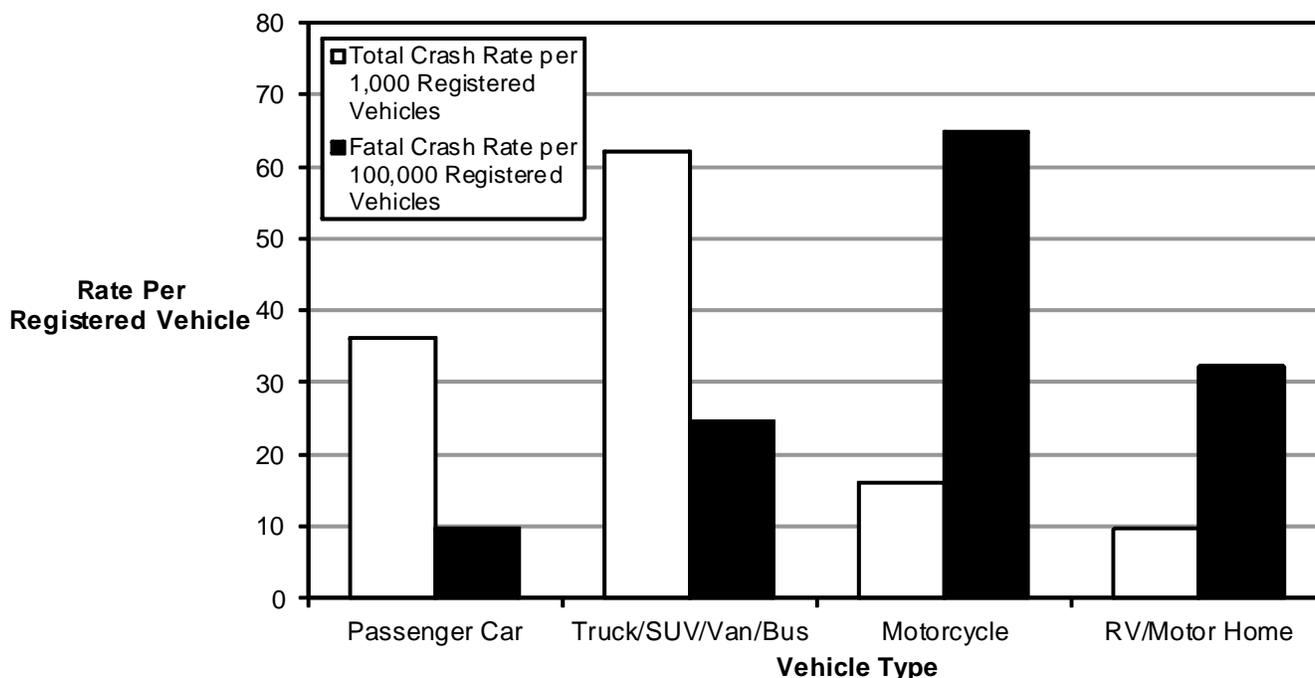
# Crash Conditions

## Vehicle Type (Utah 2014)



Vehicle Type	Vehicles							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Passenger Car	34,719	50.9%	16,353	52.8%	138	36.9%	51,210	51.4%
SUV	13,691	20.1%	6,356	20.5%	64	17.1%	20,111	20.2%
Pickup Truck	10,781	15.8%	4,112	13.3%	73	19.5%	14,966	15.0%
Van	3,504	5.1%	1,762	5.7%	13	3.5%	5,279	5.3%
Heavy Truck	2,569	3.8%	687	2.2%	22	5.9%	3,278	3.3%
Motorcycle	172	0.3%	986	3.2%	49	13.1%	1,207	1.2%
Bus	353	0.5%	91	0.3%	3	0.8%	447	0.4%
Off Road Vehicle	19	0.0%	181	0.6%	6	1.6%	206	0.2%
RV/Motor Home	96	0.1%	21	0.1%	4	1.1%	121	0.1%
Other	53	0.1%	27	0.1%	1	0.3%	81	0.1%
Unknown	2,232	3.3%	421	1.4%	1	0.3%	2,654	2.7%
<b>Total</b>	<b>68,189</b>	<b>100.0%</b>	<b>30,997</b>	<b>100.0%</b>	<b>374</b>	<b>100.0%</b>	<b>99,560</b>	<b>100.0%</b>

## Crash Rates by Vehicle Type (Utah 2014)

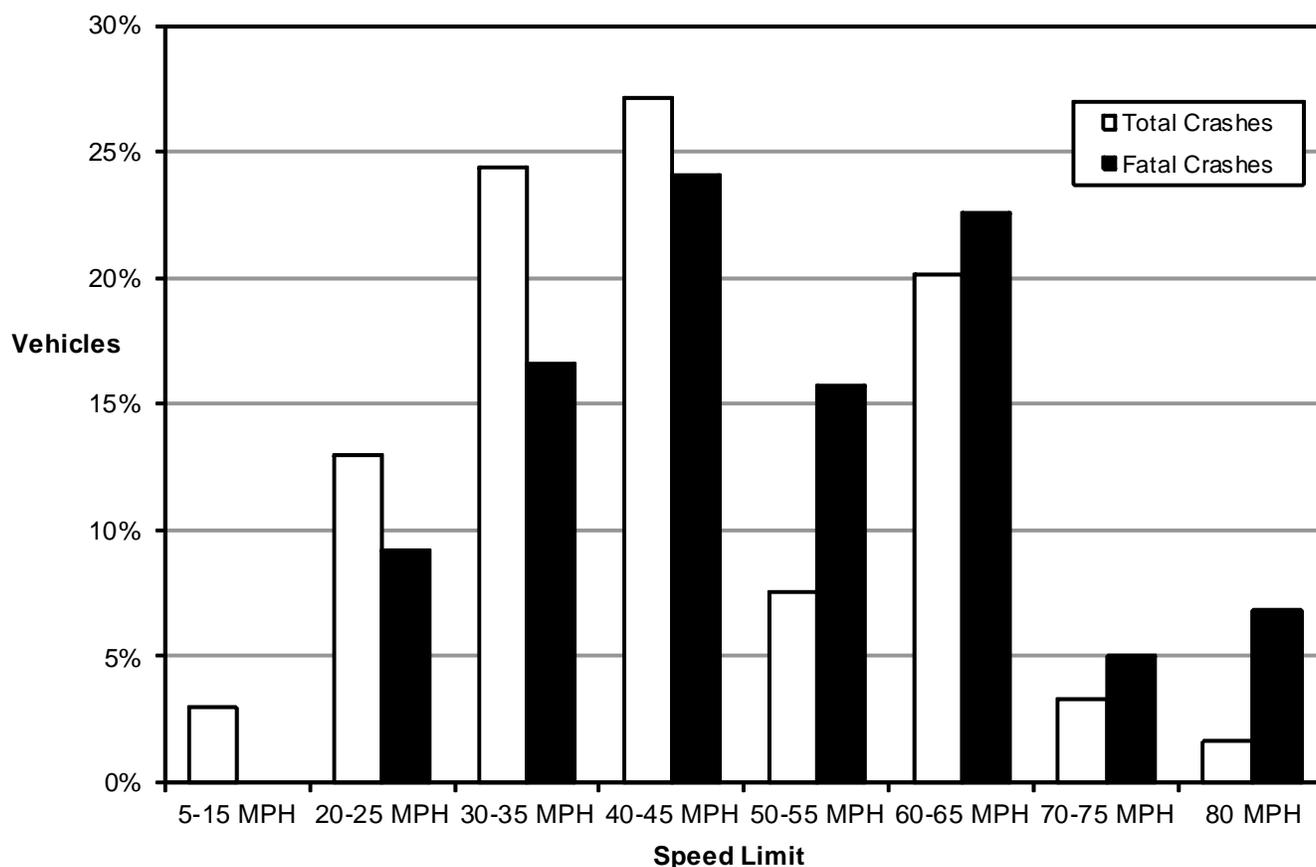


- When comparing vehicle types it is important to keep in mind that different vehicle types may have different usage patterns and thus different exposure. For example, heavy truck may travel more miles per vehicle.
- Passenger car represented 63.8% of registered vehicles in Utah, pickup truck/SUV/van/heavy truck/bus 32.2%, motorcycle 3.4%, and RV/motor home 0.6%.
- For total crashes, passenger car (51.4%) and SUV (20.2%) were the leading vehicle types.
- Pickup truck/SUV/van/heavy truck/bus had the highest total crash rates per registered vehicle.
- For fatal crashes, passenger car (36.9%) and pickup truck (19.5%) were the leading vehicle types.
- Motorcycle and RV/motor home had the highest fatal crash rates per registered vehicle.
- While motorcycles represented 1.2% of vehicles in total crashes, they represented 13.1% of vehicles in fatalities. Crashes involving a motorcycle were 12.7 times more likely to be fatal than crashes of other vehicles.

## Crash Conditions

### Speed Limit (Utah 2014)

Speed Limit	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
5-15 MPH	2,096	3.1%	238	0.8%	0	0.0%	2,334	2.3%
20-25 MPH	7,367	10.8%	2,718	8.8%	31	8.3%	10,116	10.2%
30-35 MPH	11,942	17.5%	7,023	22.7%	56	15.0%	19,021	19.1%
40-45 MPH	13,040	19.1%	8,075	26.1%	81	21.7%	21,196	21.3%
50-55 MPH	3,660	5.4%	2,161	7.0%	53	14.2%	5,874	5.9%
60-65 MPH	11,241	16.5%	4,387	14.2%	76	20.3%	15,704	15.8%
70-75 MPH	1,848	2.7%	719	2.3%	17	4.5%	2,584	2.6%
80 MPH	890	1.3%	363	1.2%	23	6.1%	1,276	1.3%
Unknown/None	16,105	23.6%	5,313	17.1%	37	9.9%	21,455	21.5%
<b>Total</b>	<b>68,189</b>	<b>100.0%</b>	<b>30,997</b>	<b>100.0%</b>	<b>374</b>	<b>100.0%</b>	<b>99,560</b>	<b>100.0%</b>

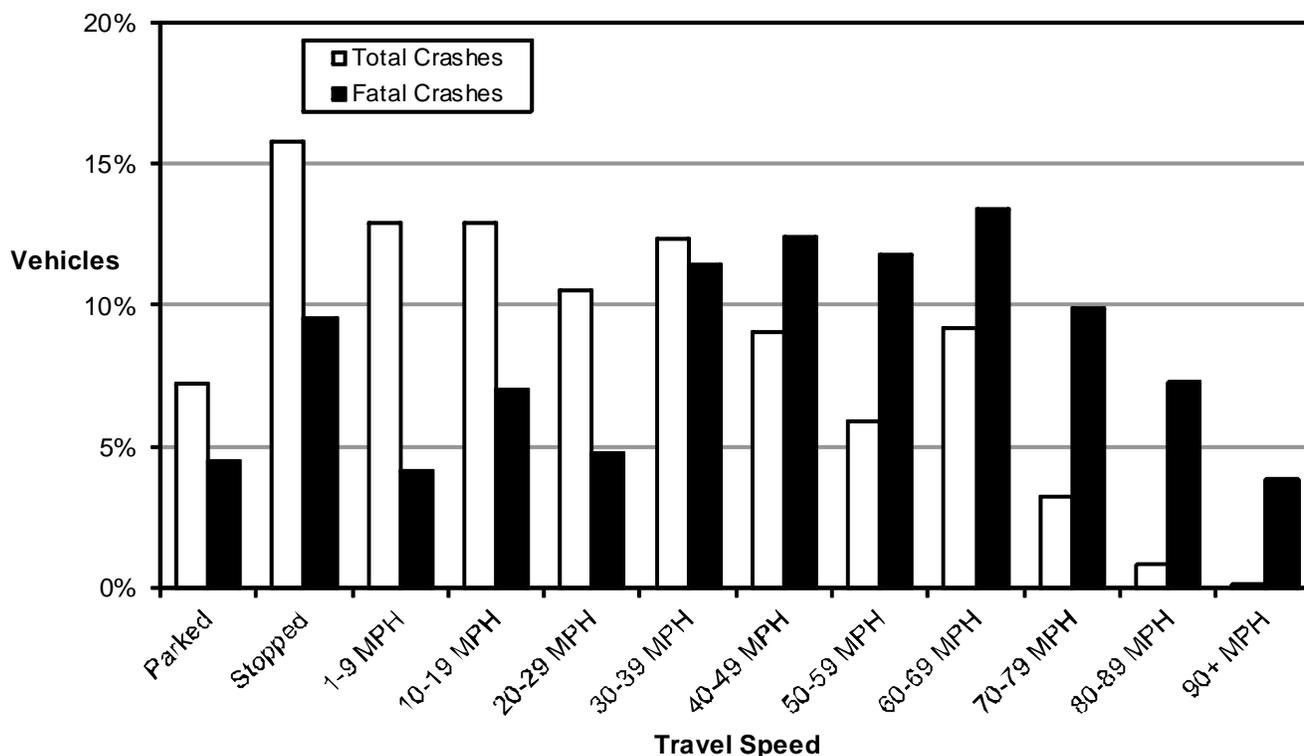


- The speed limit on the roadway was 30-45 MPH for over half (51.5% of known) of the total vehicles in crashes.
- Fatal crashes were more likely to occur with higher speed limits. The speed limit was 50 MPH or higher for over one-half (50.1% of known) of the vehicles in fatal crashes.
- Crashes where the speed limit was 80 MPH were 4.5 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 2014)

Travel Speed	Vehicles							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Parked	4,783	7.0%	689	2.2%	14	3.7%	<b>5,486</b>	<b>5.5%</b>
Stopped	7,499	11.0%	4,434	14.3%	30	8.0%	<b>11,963</b>	<b>12.0%</b>
1-9 MPH	7,286	10.7%	2,471	8.0%	13	3.5%	<b>9,770</b>	<b>9.8%</b>
10-19 MPH	6,832	10.0%	2,950	9.5%	22	5.9%	<b>9,804</b>	<b>9.8%</b>
20-29 MPH	5,450	8.0%	2,515	8.1%	15	4.0%	<b>7,980</b>	<b>8.0%</b>
30-39 MPH	5,838	8.6%	3,500	11.3%	36	9.6%	<b>9,374</b>	<b>9.4%</b>
40-49 MPH	4,146	6.1%	2,678	8.6%	39	10.4%	<b>6,863</b>	<b>6.9%</b>
50-59 MPH	3,042	4.5%	1,368	4.4%	37	9.9%	<b>4,447</b>	<b>4.5%</b>
60-69 MPH	5,034	7.4%	1,887	6.1%	42	11.2%	<b>6,963</b>	<b>7.0%</b>
70-79 MPH	1,638	2.4%	754	2.4%	31	8.3%	<b>2,423</b>	<b>2.4%</b>
80-89 MPH	366	0.5%	228	0.7%	23	6.1%	<b>617</b>	<b>0.6%</b>
90+ MPH	27	0.0%	43	0.1%	12	3.2%	<b>82</b>	<b>0.1%</b>
Unknown	16,248	23.8%	7,480	24.1%	60	16.0%	<b>23,788</b>	<b>23.9%</b>
<b>Total</b>	<b>68,189</b>	<b>100.0%</b>	<b>30,997</b>	<b>100.0%</b>	<b>374</b>	<b>100.0%</b>	<b>99,560</b>	<b>100.0%</b>

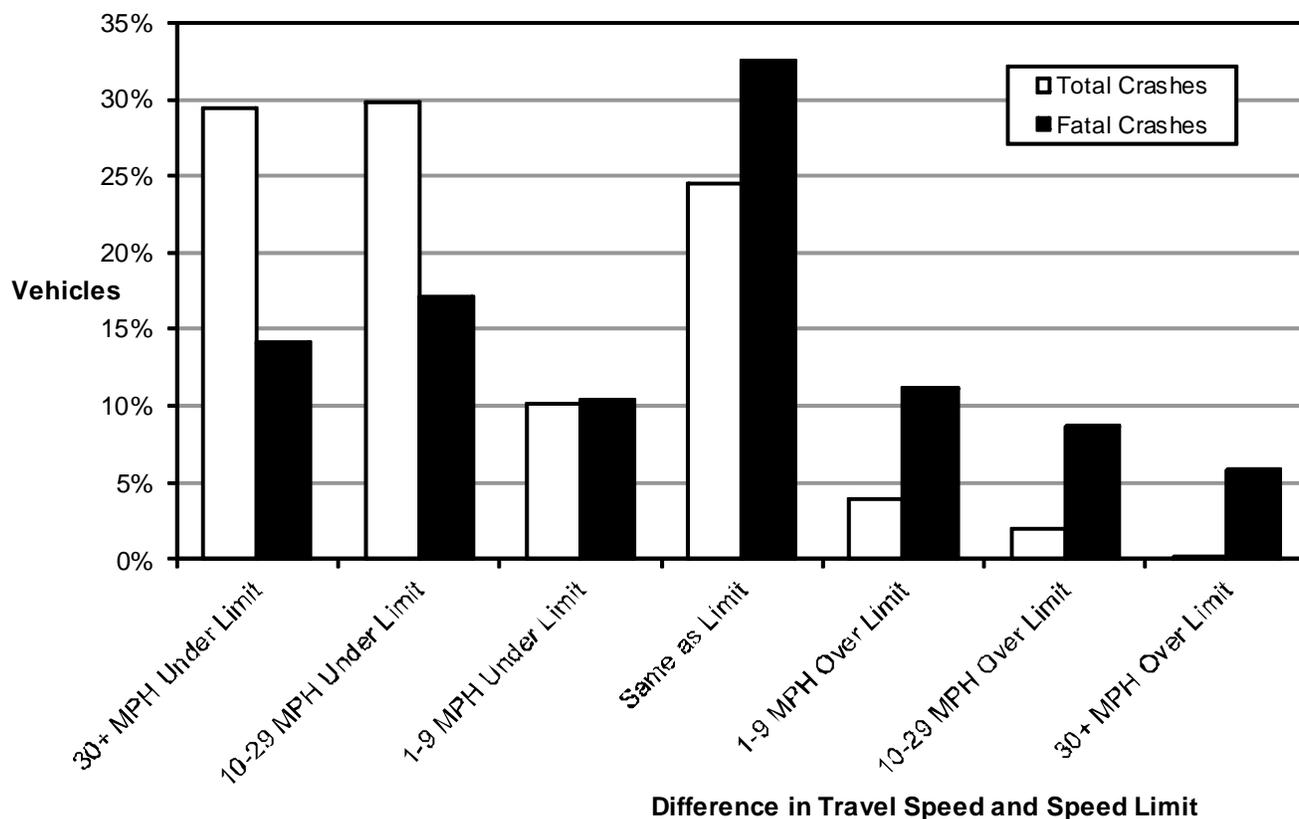


- Nearly half (48.7% where travel speed was known) of vehicles in total crashes were traveling 1-39 MPH.
- Vehicles in fatal crashes were more likely to be traveling at higher speeds. 46.2% (of known) of vehicles in fatal crashes were traveling 50 MPH or higher.
- Crashes involving vehicles traveling 50 MPH or higher were 3.6 times more likely to be fatal. Crashes involving vehicles traveling 80 MPH or higher were 14.1 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 and death.
- Drivers become increased risks to themselves and other people on the highway due to higher speeds.

## Crash Conditions

### Difference in Travel Speed and Speed Limit (Utah 2014)

Travel Speed vs. Speed Limit	Vehicles							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
40+ MPH Under Speed Limit	6,480	9.5%	3,596	11.6%	20	5.3%	<b>10,096</b>	<b>10.1%</b>
30-39 MPH Under Speed Limit	5,989	8.8%	3,137	10.1%	21	5.6%	<b>9,147</b>	<b>9.2%</b>
20-29 MPH Under Speed Limit	6,830	10.0%	2,951	9.5%	18	4.8%	<b>9,799</b>	<b>9.8%</b>
10-19 MPH Under Speed Limit	6,897	10.1%	2,776	9.0%	31	8.3%	<b>9,704</b>	<b>9.7%</b>
1-9 MPH Under Speed Limit	4,585	6.7%	1,998	6.4%	30	8.0%	<b>6,613</b>	<b>6.6%</b>
Same as Limit	10,461	15.3%	5,503	17.8%	94	25.1%	<b>16,058</b>	<b>16.1%</b>
1-9 MPH Over Speed Limit	1,611	2.4%	902	2.9%	32	8.6%	<b>2,545</b>	<b>2.6%</b>
10-19 MPH Over Speed Limit	573	0.8%	484	1.6%	17	4.5%	<b>1,074</b>	<b>1.1%</b>
20-29 MPH Over Speed Limit	99	0.1%	138	0.4%	8	2.1%	<b>245</b>	<b>0.2%</b>
30-39 MPH Over Speed Limit	35	0.1%	44	0.1%	6	1.6%	<b>85</b>	<b>0.1%</b>
40+ MPH Over Speed Limit	20	0.0%	36	0.1%	11	2.9%	<b>67</b>	<b>0.1%</b>
Unknown	24,609	36.1%	9,432	30.4%	86	23.0%	<b>34,127</b>	<b>34.3%</b>
<b>Total</b>	<b>68,189</b>	<b>100.0%</b>	<b>30,997</b>	<b>100.0%</b>	<b>374</b>	<b>100.0%</b>	<b>99,560</b>	<b>100.0%</b>



- For total crashes, 69.3% (of known) of vehicles were traveling under the speed limit, 24.5% (of known) were traveling the same as the speed limit, and 6.1% (of known) were traveling over the speed limit.
- For fatal crashes, 41.7% (of known) of vehicles were traveling under the speed limit, 32.6% (of known) were traveling the same as the speed limit, and 25.7% (of known) were traveling over the speed limit.
- Vehicles in fatal crashes were more likely to be exceeding the posted speed limit by greater amounts.
- Vehicles in crashes traveling over the posted speed limit were 5.3 times more likely to be in a fatal crash than vehicles traveling the speed limit or lower.

## Crash Conditions

### First Harmful Event (Utah 2014)

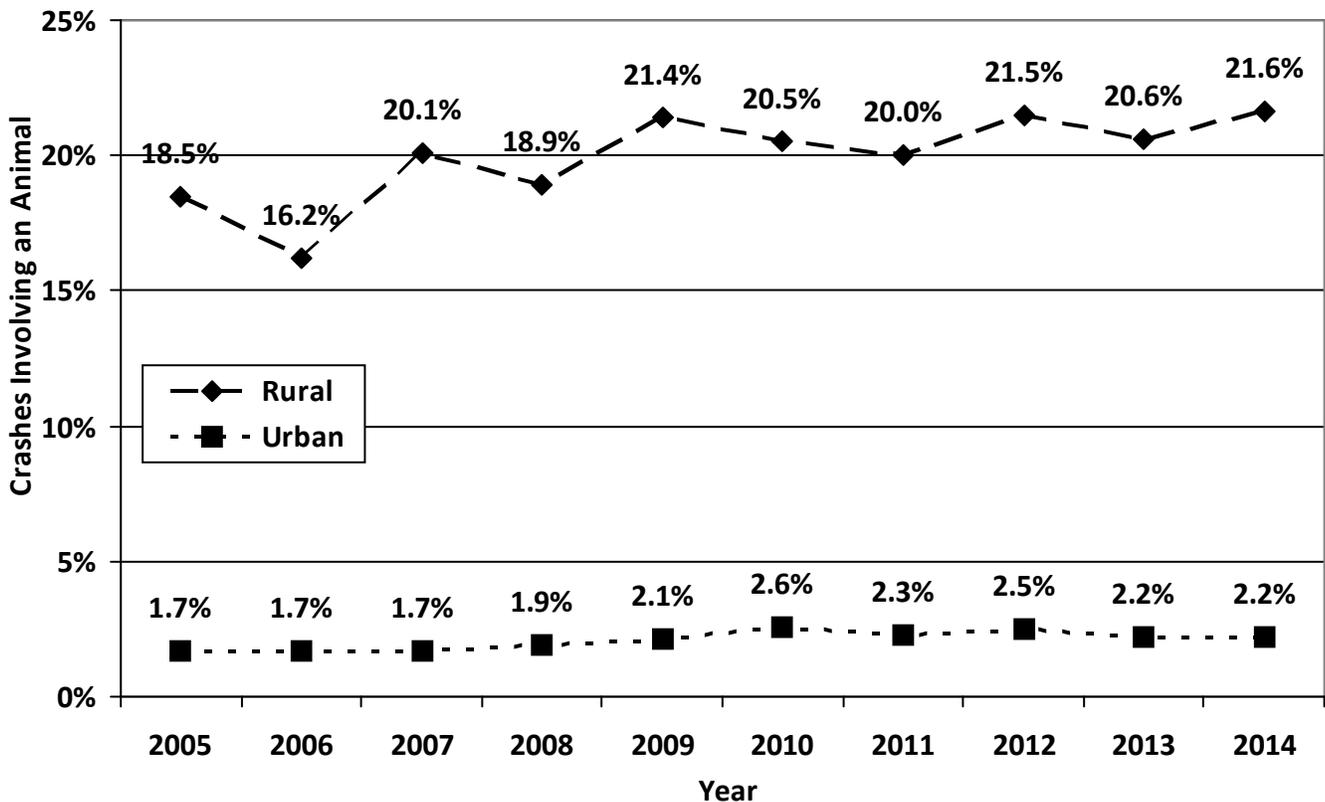
Crashes								
First Harmful Event	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Collision with Other Motor Vehicle	24,647	65.9%	11,032	67.2%	77	34.7%	<b>35,756</b>	<b>66.2%</b>
Collision with Animal	2,587	6.9%	190	1.2%	1	0.5%	<b>2,778</b>	<b>5.1%</b>
Collision with Parked Vehicle	2,401	6.4%	280	1.7%	4	1.8%	<b>2,685</b>	<b>5.0%</b>
Collision with Concrete Barrier	1,281	3.4%	509	3.1%	6	2.7%	<b>1,796</b>	<b>3.3%</b>
Collision with Post, Pole, or Support	1,136	3.0%	386	2.3%	14	6.3%	<b>1,536</b>	<b>2.8%</b>
Overturn/Rollover	498	1.3%	886	5.4%	39	17.6%	<b>1,423</b>	<b>2.6%</b>
Collision with Pedestrian	38	0.1%	777	4.7%	33	14.9%	<b>848</b>	<b>1.6%</b>
Collision with Other Fixed Object	626	1.7%	202	1.2%	1	0.5%	<b>829</b>	<b>1.5%</b>
Collision with Other Non-Fixed Object	582	1.6%	133	0.8%	2	0.9%	<b>717</b>	<b>1.3%</b>
Collision with Bicyclist	56	0.1%	642	3.9%	8	3.6%	<b>706</b>	<b>1.3%</b>
Collision with Fence	531	1.4%	145	0.9%	1	0.5%	<b>677</b>	<b>1.3%</b>
Other Non-Collision	308	0.8%	196	1.2%	0	0.0%	<b>504</b>	<b>0.9%</b>
Collision with Tree/Shrubbery	275	0.7%	186	1.1%	5	2.3%	<b>466</b>	<b>0.9%</b>
Collision with Embankment	265	0.7%	168	1.0%	11	5.0%	<b>444</b>	<b>0.8%</b>
Collision with Cable Barrier	280	0.7%	58	0.4%	3	1.4%	<b>341</b>	<b>0.6%</b>
Collision with Guardrail	223	0.6%	98	0.6%	1	0.5%	<b>322</b>	<b>0.6%</b>
Collision with Ditch	195	0.5%	106	0.6%	3	1.4%	<b>304</b>	<b>0.6%</b>
Collision with Thrown or Fallen Object	273	0.7%	23	0.1%	1	0.5%	<b>297</b>	<b>0.5%</b>
Collision with Mailbox/Fire Hydrant	229	0.6%	59	0.4%	1	0.5%	<b>289</b>	<b>0.5%</b>
Cargo/Equipment Loss or Shift	178	0.5%	20	0.1%	0	0.0%	<b>198</b>	<b>0.4%</b>
Fire/Explosion	164	0.4%	6	0.0%	0	0.0%	<b>170</b>	<b>0.3%</b>
Collision with Curb	110	0.3%	44	0.3%	5	2.3%	<b>159</b>	<b>0.3%</b>
Collision with Vehicle Cargo/Part or Object set in Motion	108	0.3%	34	0.2%	0	0.0%	<b>142</b>	<b>0.3%</b>
Fell/Jumped from Vehicle	10	0.0%	93	0.6%	4	1.8%	<b>107</b>	<b>0.2%</b>
Collision with Crash Cushion	39	0.1%	37	0.2%	0	0.0%	<b>76</b>	<b>0.1%</b>
Jackknife	65	0.2%	6	0.0%	0	0.0%	<b>71</b>	<b>0.1%</b>
Collision with Culvert	24	0.1%	17	0.1%	1	0.5%	<b>42</b>	<b>0.1%</b>
Collision with Bridge	22	0.1%	13	0.1%	1	0.5%	<b>36</b>	<b>0.1%</b>
Collision with Train	24	0.1%	10	0.1%	0	0.0%	<b>34</b>	<b>0.1%</b>
Collision with Work Zone/Equipment	26	0.1%	6	0.0%	0	0.0%	<b>32</b>	<b>0.1%</b>
Immersion	3	0.0%	3	0.0%	0	0.0%	<b>6</b>	<b>0.0%</b>
Unknown	184	0.5%	61	0.4%	0	0.0%	<b>245</b>	<b>0.5%</b>
<b>Total</b>	<b>37,388</b>	<b>100.0%</b>	<b>16,426</b>	<b>100.0%</b>	<b>222</b>	<b>100.0%</b>	<b>54,036</b>	<b>100.0%</b>

- For all crashes, the leading first harmful event was collision with other motor vehicle (66.2%).
- For total crashes, collision with animal (5.1%) and collision with parked vehicle (5.0%) were the next highest first harmful events. See next page for more information on collisions with animals.
- For fatal crashes, overturn/rollover (17.6%) and collision with pedestrian (14.9%) were the next highest first harmful events.
- Overturn/rollover was 8.0 times more likely to result in a death than other first harmful events.

## Animal-Related Crashes

### Animal-Related Crashes by Rural and Urban (Utah 2005-2014)

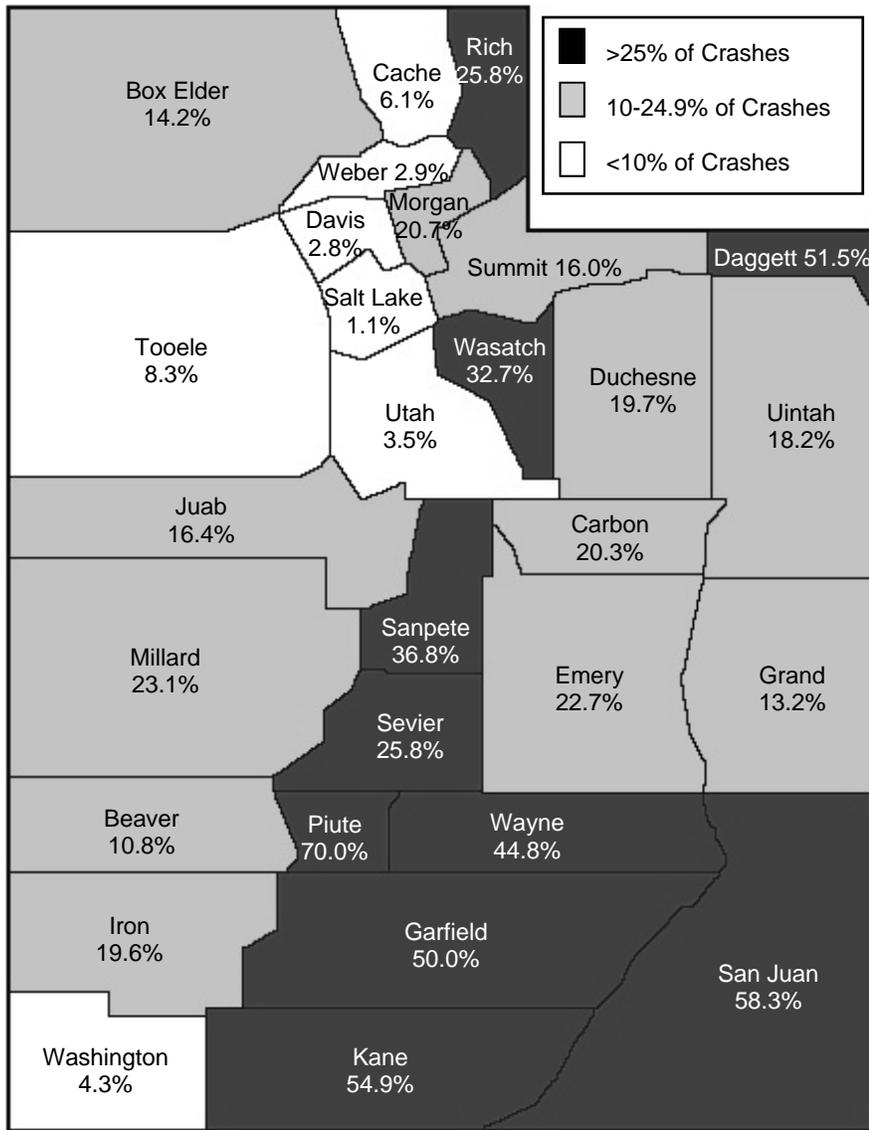
Animal-Related Crashes									
Year	Rural			Urban			Total		
	All	Animal	%	All	Animal	%	All	Animal	%
	#	#	%	#	#	%	#	#	%
2005	8,967	1,662	18.5%	45,971	771	1.7%	54,938	2,433	4.4%
2006	9,549	1,544	16.2%	46,638	771	1.7%	56,187	2,315	4.1%
2007	9,898	1,994	20.1%	51,347	897	1.7%	61,245	2,891	4.7%
2008	9,824	1,856	18.9%	46,543	884	1.9%	56,367	2,740	4.9%
2009	9,050	1,933	21.4%	42,317	879	2.1%	51,367	2,812	5.5%
2010	8,800	1,805	20.5%	40,568	1,059	2.6%	49,368	2,864	5.8%
2011	9,185	1,838	20.0%	43,102	991	2.3%	52,287	2,829	5.4%
2012	9,073	1,952	21.5%	41,527	1,024	2.5%	50,600	2,976	5.9%
2013	9,056	1,868	20.6%	46,581	1,042	2.2%	55,637	2,910	5.2%
2014	9,015	1,943	21.6%	45,021	988	2.2%	54,036	2,931	5.4%
<b>Total</b>	<b>92,417</b>	<b>18,395</b>	<b>19.9%</b>	<b>449,615</b>	<b>9,306</b>	<b>2.1%</b>	<b>542,032</b>	<b>27,701</b>	<b>5.1%</b>



- Over the last 10 years, animal-related crashes accounted for 5.1% of all crashes in Utah. While animal crashes accounted for a minimal amount of crashes in Urban areas (2.1%), animal crashes accounted for nearly one-fifth (19.9%) of the crashes in Rural areas.
- Crashes in Rural areas were 11.8 times more likely to involve an animal than Urban area crashes.
- In 2014, animal-related crashes accounted for 5.4% of all crashes.
- While animal crashes comprised 5.4% of total crashes statewide in 2014, they accounted for nearly one-fourth (21.6%) of crashes in rural counties.

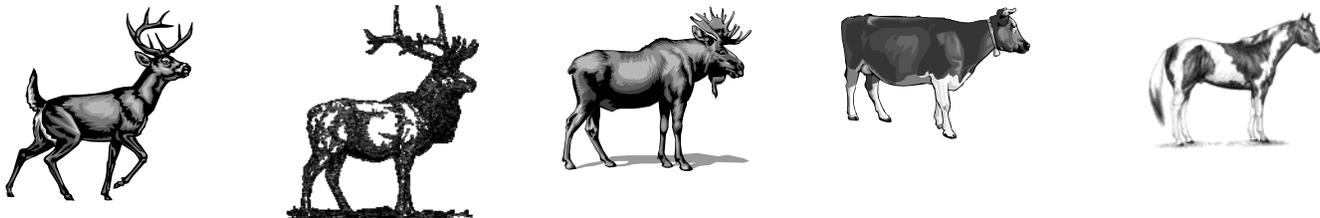
# Animal-Related Crashes

## Percent of Crashes Involving Animals by County (Utah 2014)



County	Total Crashes	Animal Crashes		
		#	Rate per 100 Million VMT	% With Animal
Piute	40	28	96.56	70.0%
San Juan	259	151	52.84	58.3%
Kane	195	107	79.81	54.9%
Daggett	33	17	52.58	51.5%
Garfield	148	74	64.70	50.0%
Wayne	67	30	61.52	44.8%
Sanpete	318	117	54.02	36.8%
Wasatch	584	191	54.07	32.7%
Sevier	333	86	26.91	25.8%
Rich	62	16	31.79	25.8%
Millard	334	77	15.32	23.1%
Emery	220	50	14.05	22.7%
Morgan	174	36	27.04	20.7%
Carbon	384	78	23.99	20.3%
Duchesne	463	91	32.12	19.7%
Iron	843	165	21.90	19.6%
Uintah	581	106	24.78	18.2%
Juab	256	42	11.40	16.4%
Summit	1,258	201	26.33	16.0%
Box Elder	1,017	144	15.80	14.2%
Grand	220	29	8.24	13.2%
Beaver	223	24	8.84	10.8%
Tooele	1,003	83	10.10	8.3%
Cache	1,808	110	12.24	6.1%
Washington	2,210	94	6.62	4.3%
Utah	7,444	259	6.34	3.5%
Weber	4,037	118	7.16	2.9%
Davis	4,689	131	5.06	2.8%
Salt Lake	24,833	276	3.04	1.1%
<b>Statewide</b>	<b>54,036</b>	<b>2,931</b>	<b>10.63</b>	<b>5.4%</b>

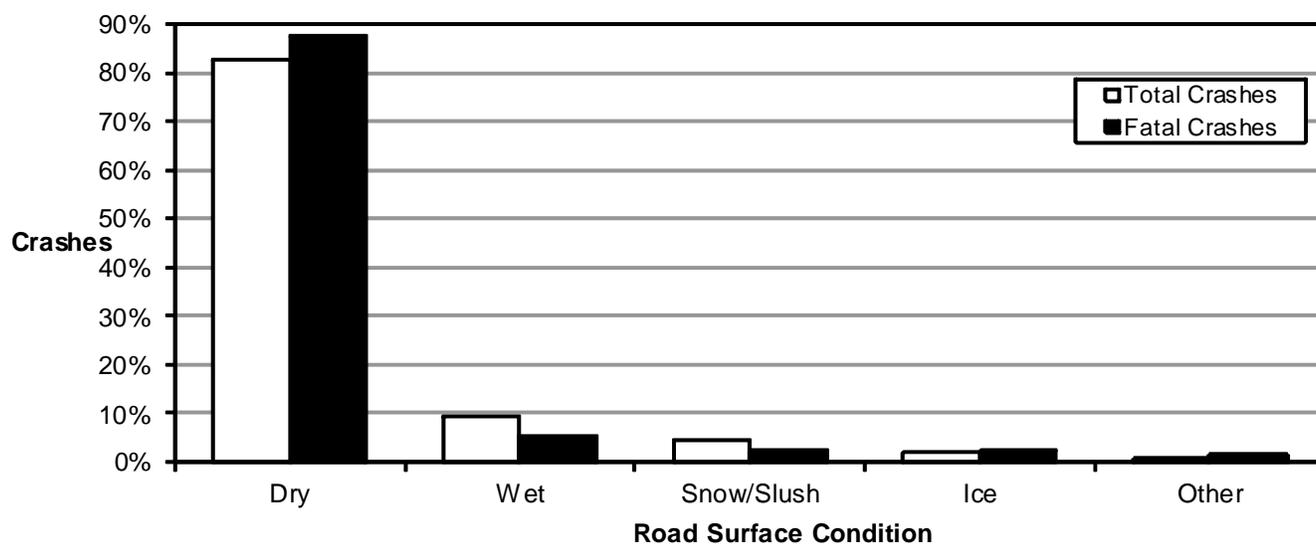
- There were 2,931 collisions involving animals, 2,473 (84.4%) involved hitting a wild animal, 305 (10.4%) involved hitting a domestic animal, and 153 (5.2%) involved an unharmed animal causing evasive action.
- Piute (70.0%), San Juan (58.3%), Kane (54.9%), Daggett (51.5%), and Garfield (50.0%) Counties had the highest percent of crashes involving an animal.
- Salt Lake, Utah, Summit, and Wasatch Counties had the highest amount of animal-related crashes.



## Crash Conditions

### Road Surface Condition (Utah 2014)

Crashes								
Road Surface Condition	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Dry	30,409	81.3%	14,015	85.3%	194	87.4%	<b>44,618</b>	<b>82.6%</b>
Wet	3,480	9.3%	1,455	8.9%	12	5.4%	<b>4,947</b>	<b>9.2%</b>
Snow/Slush	1,890	5.1%	441	2.7%	5	2.3%	<b>2,336</b>	<b>4.3%</b>
Ice	780	2.1%	215	1.3%	5	2.3%	<b>1,000</b>	<b>1.9%</b>
Other	241	0.6%	204	1.2%	3	1.4%	<b>448</b>	<b>0.8%</b>
Unknown	588	1.6%	96	0.6%	3	1.4%	<b>687</b>	<b>1.3%</b>
<b>Total</b>	<b>37,388</b>	<b>100.0%</b>	<b>16,426</b>	<b>100.0%</b>	<b>222</b>	<b>100.0%</b>	<b>54,036</b>	<b>100.0%</b>



- Most (82.6%) crashes occurred when roads were dry.
- Most (87.4%) fatal crashes occurred when roads were dry.

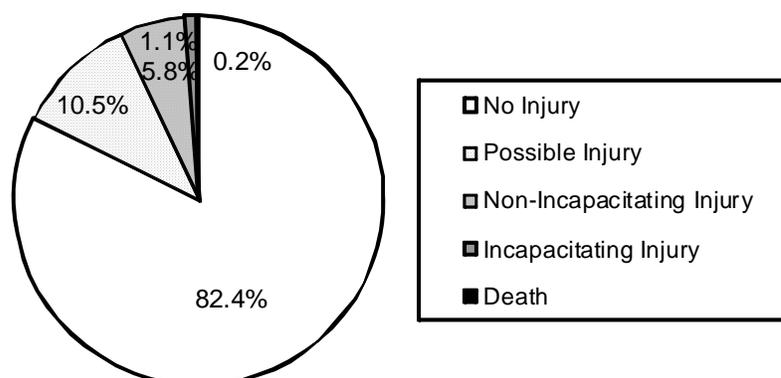
### Roadway Contributing Circumstances (Utah 2014)

Crashes								
Roadway Contributing Circumstances	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
None	32,813	87.8%	14,760	89.9%	192	86.5%	<b>47,765</b>	<b>88.4%</b>
Road Surface Condition (Wet/Icy/Snow/Etc.)	2,666	7.1%	879	5.4%	17	7.7%	<b>3,562</b>	<b>6.6%</b>
Debris	479	1.3%	113	0.7%	1	0.5%	<b>593</b>	<b>1.1%</b>
Work Zone	258	0.7%	114	0.7%	3	1.4%	<b>375</b>	<b>0.7%</b>
Animal/Non-Contact Veh/Ped/Bike Caused Evasive Action	200	0.5%	90	0.5%	1	0.5%	<b>291</b>	<b>0.5%</b>
Hole/Bump/Worn Surface/Shoulder/Traffic Control Device	116	0.3%	136	0.8%	3	1.4%	<b>255</b>	<b>0.5%</b>
Other	186	0.5%	92	0.6%	1	0.5%	<b>279</b>	<b>0.5%</b>
Unknown	670	1.8%	242	1.5%	4	1.8%	<b>916</b>	<b>1.7%</b>
<b>Total</b>	<b>37,388</b>	<b>100.0%</b>	<b>16,426</b>	<b>100.0%</b>	<b>222</b>	<b>100.0%</b>	<b>54,036</b>	<b>100.0%</b>

- 9.9% of crashes had a roadway contributing circumstance.

## Crash Conditions

### Injury Severity (Utah 2014)



- Although many people were injured and killed in motor vehicle crashes, the majority (82.4%) of persons in crashes did not sustain a known injury at the crash scene. See Glossary in the Appendix for injury definitions.
- Persons in the same crash sustain different levels of injury. Many factors influence injury patterns including seat belt use, seating position, and vehicle safety equipment.

### Person Placement (Utah 2014)

Persons								
Person Placement	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Driver	79,133	71.6%	15,470	66.2%	157	61.3%	94,760	70.6%
Passenger	31,266	28.3%	6,337	27.1%	53	20.7%	37,656	28.1%
Pedestrian	94	0.1%	872	3.7%	37	14.5%	1,003	0.7%
Bicyclist	69	0.1%	685	2.9%	9	3.5%	763	0.6%
<b>Total</b>	<b>110,562</b>	<b>100.0%</b>	<b>23,364</b>	<b>100.0%</b>	<b>256</b>	<b>100.0%</b>	<b>134,182</b>	<b>100.0%</b>

- While 98.7% of all people in total crashes were drivers or passengers, 18.0% of deaths were to pedestrians and bicyclists.

### Gender of Persons in Crashes (Utah 2014)

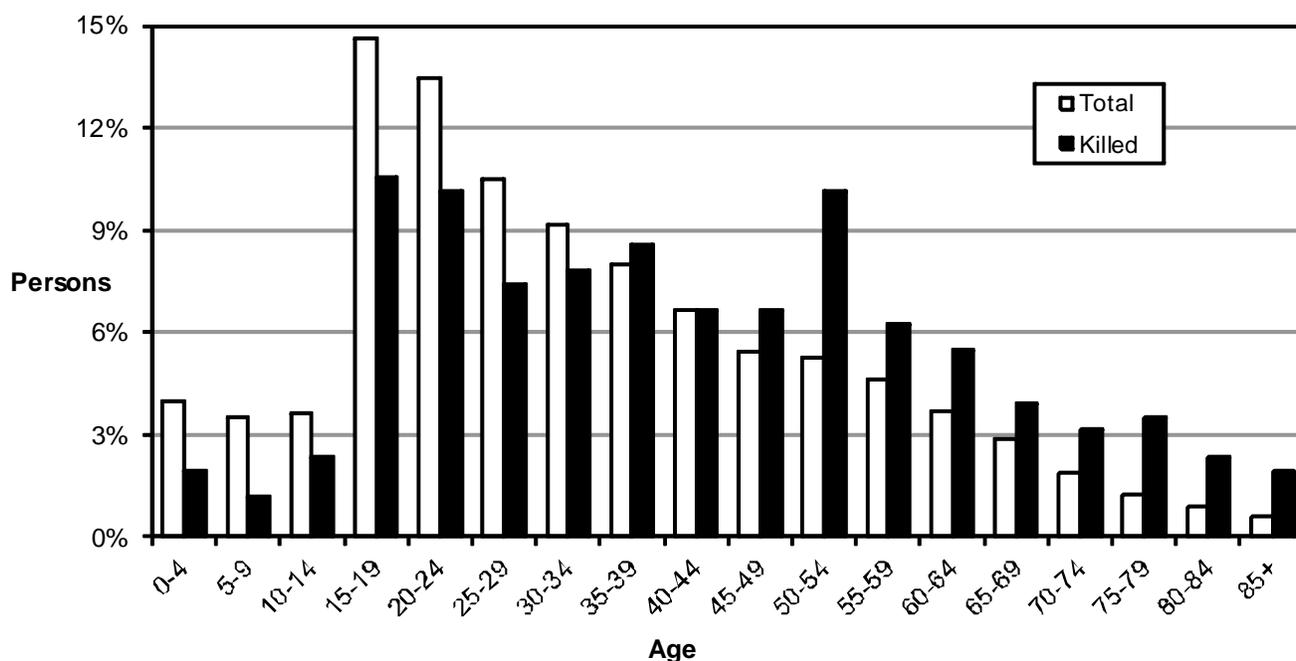
Persons								
Gender	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Male	58,553	53.0%	10,893	46.0%	174	68.0%	69,620	51.8%
Female	47,361	42.8%	12,615	53.3%	82	32.0%	60,058	44.7%
Unknown	4,648	4.2%	156	0.7%	0	0.0%	4,804	3.6%
<b>Total</b>	<b>110,562</b>	<b>100.0%</b>	<b>23,664</b>	<b>100.0%</b>	<b>256</b>	<b>100.0%</b>	<b>134,482</b>	<b>100.0%</b>

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

## Crash Conditions

### Age of Persons in Crashes (Utah 2014)

Age	Persons							
	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
0-4	4,617	4.2%	452	1.9%	5	2.0%	<b>5,074</b>	<b>3.8%</b>
5-9	3,791	3.4%	707	3.0%	3	1.2%	<b>4,501</b>	<b>3.4%</b>
10-14	3,755	3.4%	883	3.8%	6	2.3%	<b>4,644</b>	<b>3.5%</b>
15-19	15,452	14.0%	3,221	13.8%	27	10.5%	<b>18,700</b>	<b>13.9%</b>
20-24	14,035	12.7%	3,090	13.2%	26	10.2%	<b>17,151</b>	<b>12.8%</b>
25-29	10,866	9.8%	2,473	10.6%	19	7.4%	<b>13,358</b>	<b>10.0%</b>
30-34	9,487	8.6%	2,150	9.2%	20	7.8%	<b>11,657</b>	<b>8.7%</b>
35-39	8,337	7.5%	1,870	8.0%	22	8.6%	<b>10,229</b>	<b>7.6%</b>
40-44	6,931	6.3%	1,572	6.7%	17	6.6%	<b>8,520</b>	<b>6.3%</b>
45-49	5,540	5.0%	1,365	5.8%	17	6.6%	<b>6,922</b>	<b>5.2%</b>
50-54	5,351	4.8%	1,308	5.6%	26	10.2%	<b>6,685</b>	<b>5.0%</b>
55-59	4,728	4.3%	1,174	5.0%	16	6.3%	<b>5,918</b>	<b>4.4%</b>
60-64	3,811	3.4%	869	3.7%	14	5.5%	<b>4,694</b>	<b>3.5%</b>
65-69	2,985	2.7%	690	3.0%	10	3.9%	<b>3,685</b>	<b>2.7%</b>
70-74	1,949	1.8%	446	1.9%	8	3.1%	<b>2,403</b>	<b>1.8%</b>
75-79	1,277	1.2%	310	1.3%	9	3.5%	<b>1,596</b>	<b>1.2%</b>
80-84	891	0.8%	219	0.9%	6	2.3%	<b>1,116</b>	<b>0.8%</b>
85+	620	0.6%	153	0.7%	5	2.0%	<b>778</b>	<b>0.6%</b>
Unknown	6,139	5.6%	412	1.8%	0	0.0%	<b>6,551</b>	<b>4.9%</b>
<b>Total</b>	<b>110,562</b>	<b>100.0%</b>	<b>23,364</b>	<b>100.0%</b>	<b>256</b>	<b>100.0%</b>	<b>134,182</b>	<b>100.0%</b>



- The largest proportion of persons in crashes were aged 15-29 years (36.7%).
- The age groups with the highest number of persons killed were 15-19, 20-24, and 50-54 years.
- The average age of a person in a crash was 33 years. The average age of a person killed was 41 years.
- While persons aged 65 years and older represented a small proportion of the persons in crashes (7.1%), they were 2.2 times more likely than all other age groups to die.

## Crash Conditions

### Persons in Crashes by County (Utah 2014)

County	Persons											
	Non-Injured			Injured			Killed			Total		
	#	Rate per 100 Million VMT	Rate per 10,000 Pop.	#	Rate per 100 Million VMT	Rate per 10,000 Pop.	#	Rate per 100 Million VMT	Rate per 10,000 Pop.	#	Rate per 100 Million VMT	Rate per 10,000 Pop.
Salt Lake	53,097	584.8	486.4	10,609	116.9	97.2	66	0.7	0.6	63,772	702.4	584.1
Weber	8,592	521.6	357.3	2,155	130.8	89.6	16	1.0	0.7	10,763	653.4	447.6
Cache	3,713	413.0	313.7	681	75.7	57.5	12	1.3	1.0	4,406	490.1	372.3
Davis	9,984	385.5	302.8	2,142	82.7	65.0	11	0.4	0.3	12,137	468.6	368.1
Utah	15,320	375.0	273.1	3,474	85.0	61.9	24	0.6	0.4	18,818	460.7	335.5
Washington	4,627	325.8	304.5	1,000	70.4	65.8	18	1.3	1.2	5,645	397.4	371.5
Summit	2,261	296.2	578.2	293	38.4	74.9	6	0.8	1.5	2,560	335.4	654.6
Wasatch	985	278.9	355.4	172	48.7	62.1	5	1.4	1.8	1,162	329.0	419.3
Duchesne	667	235.4	327.3	173	61.1	84.9	9	3.2	4.4	849	299.7	416.6
Uintah	1,086	253.9	294.6	181	42.3	49.1	8	1.9	2.2	1,275	298.1	345.8
Iron	1,677	222.6	354.8	354	47.0	74.9	3	0.4	0.6	2,034	270.0	430.3
Sanpete	470	217.0	165.0	101	46.6	35.5	3	1.4	1.1	574	265.0	201.6
Box Elder	1,913	209.9	371.3	449	49.3	87.2	13	1.4	2.5	2,375	260.6	461.0
Tooele	1,718	209.0	278.9	406	49.4	65.9	15	1.8	2.4	2,139	260.2	347.3
Carbon	670	206.1	324.3	154	47.4	74.5	4	1.2	1.9	828	254.7	400.8
Wayne	89	182.5	326.8	27	55.4	99.2	3	6.2	11.0	119	244.0	437.0
Kane	256	190.9	352.9	58	43.3	80.0	3	2.2	4.1	317	236.4	437.0
Morgan	248	186.3	233.8	45	33.8	42.4	4	3.0	3.8	297	223.1	280.0
Rich	76	151.0	331.4	31	61.6	135.2	2	4.0	8.7	109	216.5	475.4
Piute	44	151.7	296.5	17	58.6	114.6	0	0.0	0.0	61	210.4	411.1
Garfield	176	153.9	350.3	54	47.2	107.5	4	3.5	8.0	234	204.6	465.8
Beaver	452	166.5	699.6	87	32.1	134.7	2	0.7	3.1	541	199.3	837.3
Sevier	470	147.1	226.3	147	46.0	70.8	2	0.6	1.0	619	193.7	298.0
Daggett	43	133.0	385.0	11	34.0	98.5	0	0.0	0.0	54	167.0	483.4
San Juan	337	117.9	221.0	72	25.2	47.2	8	2.8	5.2	417	145.9	273.4
Millard	552	109.9	437.9	147	29.3	116.6	4	0.8	3.2	703	139.9	557.7
Juab	404	109.6	385.3	101	27.4	96.3	2	0.5	1.9	507	137.6	483.5
Emery	333	93.6	313.2	105	29.5	98.8	2	0.6	1.9	440	123.6	413.9
Grand	302	85.8	320.3	118	33.5	125.1	7	2.0	7.4	427	121.4	452.9
<b>Statewide</b>	<b>110,562</b>	<b>401.0</b>	<b>375.7</b>	<b>23,364</b>	<b>84.7</b>	<b>79.4</b>	<b>256</b>	<b>0.9</b>	<b>0.9</b>	<b>134,182</b>	<b>486.6</b>	<b>456.0</b>

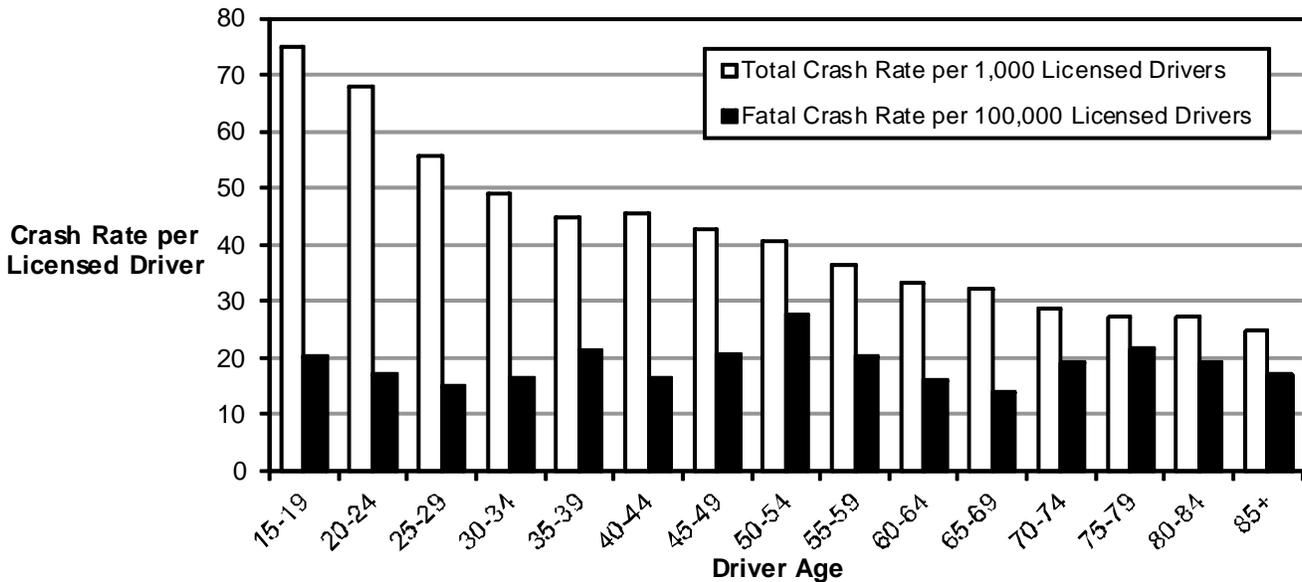
- Two different rates are given in the above table. One rate is based on vehicle miles traveled in the county and the other based on the county population.
- Rate per 100 million vehicle miles traveled:
  - Salt Lake (702.4), Weber (653.4), and Cache (490.1) counties had the highest rates of total persons in crashes per 100 million vehicle miles traveled.
  - Wayne (6.2), Rich (4.0), and Garfield (3.5) counties had the highest rates of persons killed per 100 million vehicle miles traveled.
- Rate per 10,000 population:
  - Beaver (837.3), Summit (654.6), Salt Lake (584.1) and Millard (557.7) counties had the highest rates of total persons in crashes per 10,000 population.
  - Wayne (11.0), Rich (8.7) and Garfield (8.0) counties had the highest rates of persons killed per 10,000 population.

# Crash Conditions

## Driver Age (Utah 2014)

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	36	0.1%	n/a	56	0.2%	n/a	0	0.0%	n/a	92	0.1%	n/a
15-19	8,068	12.6%	51.2	3,717	12.3%	23.6	32	9.0%	0.203	11,817	12.5%	75.0
20-24	8,988	14.0%	45.9	4,298	14.2%	22.0	33	9.3%	0.169	13,319	14.1%	68.0
25-29	7,251	11.3%	37.0	3,622	12.0%	18.5	29	8.1%	0.148	10,902	11.5%	55.6
30-34	6,581	10.3%	32.7	3,229	10.7%	16.1	33	9.3%	0.164	9,843	10.4%	49.0
35-39	5,821	9.1%	30.1	2,791	9.2%	14.4	41	11.5%	0.212	8,653	9.1%	44.8
40-44	4,811	7.5%	30.0	2,446	8.1%	15.3	26	7.3%	0.162	7,283	7.7%	45.4
45-49	3,896	6.1%	28.3	1,925	6.4%	14.0	28	7.9%	0.204	5,849	6.2%	42.5
50-54	3,754	5.9%	26.6	1,904	6.3%	13.5	39	11.0%	0.276	5,697	6.0%	40.4
55-59	3,303	5.2%	24.0	1,695	5.6%	12.3	28	7.9%	0.203	5,026	5.3%	36.5
60-64	2,662	4.2%	22.3	1,250	4.1%	10.5	19	5.3%	0.159	3,931	4.1%	33.0
65-69	2,020	3.2%	21.4	986	3.3%	10.4	13	3.7%	0.138	3,019	3.2%	32.0
70-74	1,306	2.0%	19.2	630	2.1%	9.3	13	3.7%	0.191	1,949	2.1%	28.7
75-79	833	1.3%	18.1	409	1.4%	8.9	10	2.8%	0.217	1,252	1.3%	27.1
80-84	544	0.8%	17.5	300	1.0%	9.6	6	1.7%	0.193	850	0.9%	27.3
85+	382	0.6%	16.3	190	0.6%	8.1	4	1.1%	0.171	576	0.6%	24.6
Unknown	3,867	6.0%	n/a	823	2.7%	n/a	2	0.6%	n/a	4,692	5.0%	n/a
<b>Total</b>	<b>64,123</b>	<b>100.0%</b>	<b>33.7</b>	<b>30,271</b>	<b>100.0%</b>	<b>15.9</b>	<b>356</b>	<b>100.0%</b>	<b>0.187</b>	<b>94,750</b>	<b>100.0%</b>	<b>49.8</b>

## Crash Rate of Licensed Drivers by Age (Utah 2014)



- Drivers aged 15-24 years had the highest rates per licensed driver of total crashes, injury crashes, and property damage only crashes. Drivers aged 50-54 years had the highest rates per driver of fatal crashes.
- Drivers aged 85+ years had the lowest rate per licensed driver of total crashes. Drivers aged 65-69 years had the lowest rate per licensed driver of fatal crashes.
- The average age of a driver was 38 years. The average age of a driver in a fatal crash was 43 years.

# Crash Conditions

## Driver Gender (Utah 2014)

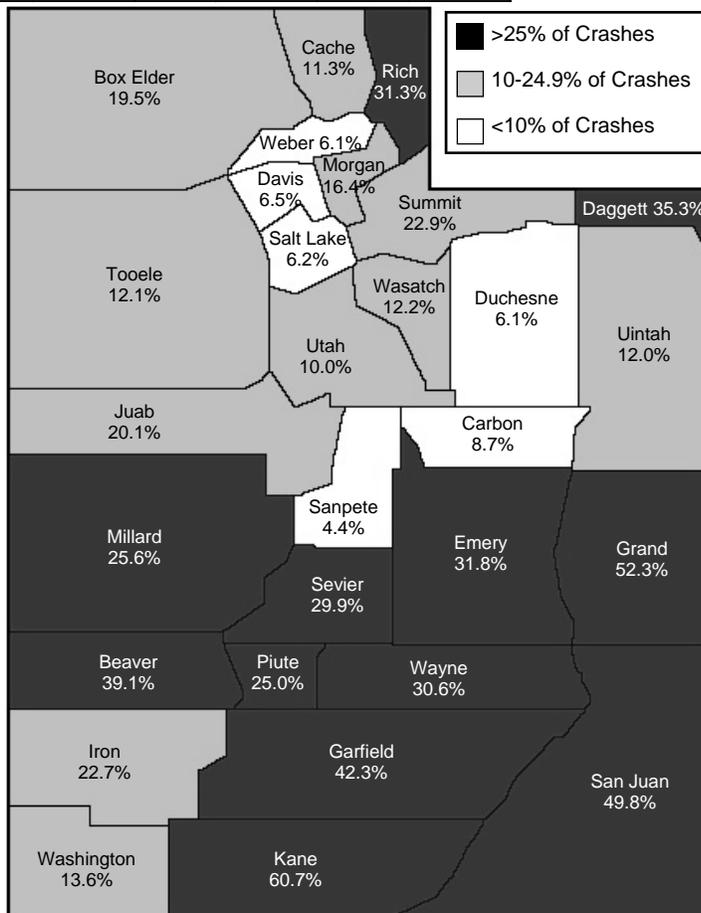
Drivers												
Gender	PDO Crashes			Injury Crashes			Fatal Crashes			Total		
	#	%	Rate per 1,000 Drivers	#	%	Rate per 1,000 Drivers	#	%	Rate per 1,000 Drivers	#	%	Rate per 1,000 Drivers
Male	35,080	54.7%	36.6	16,041	53.0%	16.7	264	74.2%	0.28	51,385	54.2%	53.6
Female	25,328	39.5%	26.8	13,513	44.6%	14.3	90	25.3%	0.10	38,931	41.1%	41.2
Unknown	3,715	5.8%	n/a	717	2.4%	n/a	2	0.6%	n/a	4,434	4.7%	n/a
<b>Total</b>	<b>64,123</b>	<b>100.0%</b>	<b>33.7</b>	<b>30,271</b>	<b>100.0%</b>	<b>15.9</b>	<b>356</b>	<b>100.0%</b>	<b>0.19</b>	<b>94,750</b>	<b>100.0%</b>	<b>49.8</b>

- Males represented 54.2% of all drivers in a crash and 74.2% of drivers in fatal crashes.
- Based off of licensed drivers, females are better drivers than males. Male drivers had higher rates of total crashes and fatal crashes. Male drivers were 2.2 times more likely to be in a fatal crash than female drivers.

## Out-of-State Drivers (Utah 2014)

Drivers									
License State	PDO Crashes		Injury Crashes		Fatal Crashes		Total		
	#	%	#	%	#	%	#	%	
Utah	53,684	82.4%	26,435	87.3%	297	83.4%	80,416	84.0%	
Out-Of-State	6,680	10.3%	2,434	8.0%	56	15.7%	9,170	9.6%	
Unknown/None	4,759	7.3%	1,402	4.6%	3	0.8%	6,164	6.4%	
<b>Total</b>	<b>65,123</b>	<b>100.0%</b>	<b>30,271</b>	<b>100.0%</b>	<b>356</b>	<b>100.0%</b>	<b>95,750</b>	<b>100.0%</b>	

- Although out-of-state licensed drivers represented 9.6% of all drivers in crashes, they represented 15.7% 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 (60.7%), Grand (52.3%), San Juan (49.8%), and Garfield (42.3%) Counties 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

### Violations (Utah 2014)

Violations	Drivers							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Following Too Close	4,123	19.0%	2,163	17.2%	0	0.0%	6,286	18.3%
Improper Lane Change/Travel	2,610	12.1%	1,043	8.3%	4	7.4%	3,657	10.7%
Failure to Yield Right of Way	1,907	8.8%	1,444	11.5%	9	16.7%	3,360	9.8%
Negligent Collision	1,764	8.1%	997	7.9%	0	0.0%	2,761	8.0%
Improper Lookout	1,753	8.1%	958	7.6%	0	0.0%	2,711	7.9%
Improper Turn	1,577	7.3%	995	7.9%	0	0.0%	2,572	7.5%
License Violation	1,313	6.1%	995	7.9%	5	9.3%	2,313	6.7%
Speed	1,104	5.1%	394	3.1%	1	1.9%	1,499	4.4%
Driving Under the Influence	776	3.6%	691	5.5%	8	14.8%	1,475	4.3%
Insurance Violation	728	3.4%	517	4.1%	1	1.9%	1,246	3.6%
Failure to Stop at Red Light	558	2.6%	654	5.2%	0	0.0%	1,212	3.5%
Hit and Run	955	4.4%	225	1.8%	1	1.9%	1,181	3.4%
Failure to Obey Traffic Control Device	241	1.1%	245	1.9%	1	1.9%	487	1.4%
Unknown Violation	245	1.1%	171	1.4%	4	7.4%	420	1.2%
Registration Violation	257	1.2%	138	1.1%	0	0.0%	395	1.2%
Failure to Stop at Stop Sign	162	0.7%	175	1.4%	0	0.0%	337	1.0%
Improper Backing	286	1.3%	26	0.2%	0	0.0%	312	0.9%
Equipment Violation	234	1.1%	67	0.5%	0	0.0%	301	0.9%
Alcohol/Drug Violation, Other than DUI	144	0.7%	130	1.0%	3	5.6%	277	0.8%
Failure to Maintain Control	152	0.7%	94	0.7%	0	0.0%	246	0.7%
Careless Driving	104	0.5%	73	0.6%	0	0.0%	177	0.5%
Reckless Driving	91	0.4%	71	0.6%	1	1.9%	163	0.5%
Improper Start	113	0.5%	32	0.3%	0	0.0%	145	0.4%
Wrong Side of Road/Wrong Way	72	0.3%	65	0.5%	1	1.9%	138	0.4%
Improper Passing	100	0.5%	29	0.2%	1	1.9%	130	0.4%
Seat Belt/Child Restraint/Helmet	33	0.2%	66	0.5%	0	0.0%	99	0.3%
Other Non-Moving Violation	35	0.2%	31	0.2%	2	3.7%	68	0.2%
Improper Signal	37	0.2%	12	0.1%	0	0.0%	49	0.1%
Improper Stop	33	0.2%	14	0.1%	0	0.0%	47	0.1%
Other Moving Violation	21	0.1%	20	0.2%	0	0.0%	41	0.1%
Texting	21	0.1%	16	0.1%	0	0.0%	37	0.1%
Fleeing	17	0.1%	14	0.1%	2	3.7%	33	0.1%
Distracted Driving	24	0.1%	8	0.1%	0	0.0%	32	0.1%
Slow Down/Move Over Emergency Vehicle	18	0.1%	10	0.1%	0	0.0%	28	0.1%
Driving While Drowsy/Fatigue/Ill	11	0.1%	11	0.1%	0	0.0%	22	0.1%
Disregard Road Markings	17	0.1%	4	0.0%	0	0.0%	21	0.1%
Failure to Clear Intersection	9	0.0%	1	0.0%	0	0.0%	10	0.0%
Vehicle Homicide	0	0.0%	0	0.0%	10	18.5%	10	0.0%
Improper Parking	5	0.0%	2	0.0%	0	0.0%	7	0.0%
<b>Total</b>	<b>21,650</b>	<b>100.0%</b>	<b>12,601</b>	<b>100.0%</b>	<b>54</b>	<b>100.0%</b>	<b>34,305</b>	<b>100.0%</b>

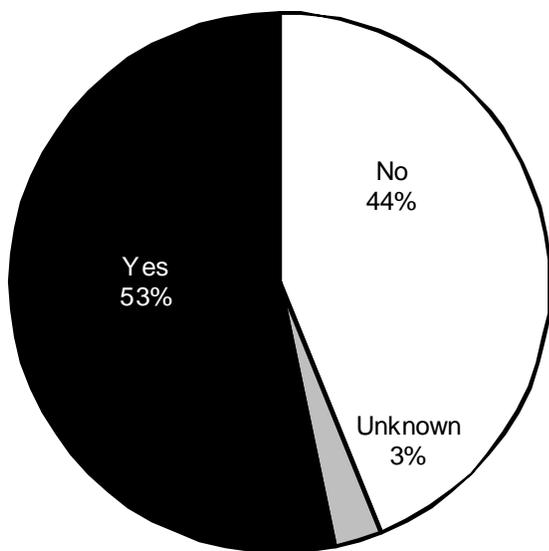
- There were 34,305 charges from citations issued at the scene of the crash. The most common violations were for following too close (18.3%), improper lane change/travel (10.7%), and failure to yield right of way (9.8%).
- The leading violations in fatal crashes were vehicle homicide (18.5%), failure to yield right of way (16.7%), and driving under the influence (14.8%).
- A citation was issued in 54.5% of the crashes.

# Crash Conditions

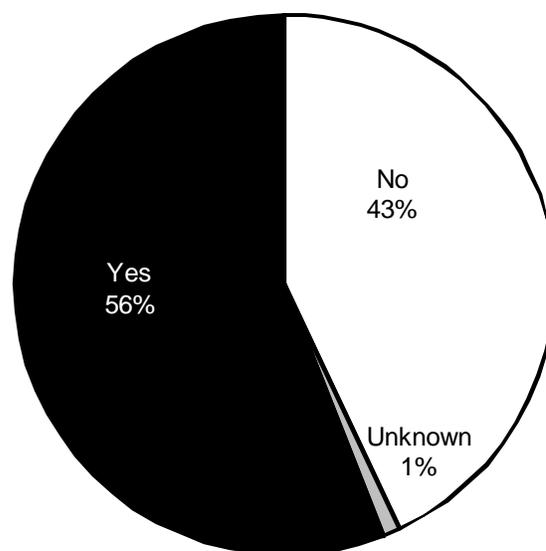
## Drivers with Contributing Factors (Utah 2014)

Drivers/Vehicles								
Driver/Vehicle with a Contributing Factor(s)	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Yes	34,209	50.2%	16,492	53.2%	199	53.2%	<b>50,900</b>	<b>51.1%</b>
No	28,514	41.8%	13,234	42.7%	153	40.9%	<b>41,901</b>	<b>42.1%</b>
Not Applicable - No Driver	3,484	5.1%	553	1.8%	18	4.8%	<b>4,055</b>	<b>4.1%</b>
Unknown	1,982	2.9%	718	2.3%	4	1.1%	<b>2,704</b>	<b>2.7%</b>
<b>Total</b>	<b>68,189</b>	<b>100.0%</b>	<b>30,997</b>	<b>100.0%</b>	<b>374</b>	<b>100.0%</b>	<b>99,560</b>	<b>100.0%</b>

**Total Crashes**



**Fatal Crashes**



- Some form of poor driver performance is present in the majority of crashes.
- 53.3% of drivers had a contributing factor in total crashes.
- 55.9% of drivers had a contributing factor in fatal crashes.

## Crash Conditions

### Contributing Factors (Utah 2014)

Contributing Factors	Drivers/Vehicles							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Followed Too Closely	7,714	15.0%	4,062	15.2%	10	2.5%	11,786	15.0%
Failed to Yield Right of Way	5,899	11.5%	4,011	15.0%	27	6.7%	9,937	12.6%
Speed Too Fast	4,264	8.3%	2,006	7.5%	78	19.5%	6,348	8.1%
Failed to Keep in Proper Lane	4,189	8.1%	2,029	7.6%	48	12.0%	6,266	8.0%
Driver Distraction	3,570	6.9%	2,251	8.4%	17	4.2%	5,838	7.4%
Other Improper Driving	3,002	5.8%	1,569	5.9%	1	0.2%	4,572	5.8%
Disregard Traffic Signal/Sign	1,469	2.9%	1,484	5.6%	15	3.7%	2,968	3.8%
Improper Turn	2,032	3.9%	847	3.2%	1	0.2%	2,880	3.7%
Vision Obscured by Weather Condition	1,997	3.9%	801	3.0%	14	3.5%	2,812	3.6%
Improper Backing	2,288	4.4%	152	0.6%	1	0.2%	2,441	3.1%
Hit and Run	1,954	3.8%	383	1.4%	7	1.7%	2,344	3.0%
Improper Lane Change	1,613	3.1%	398	1.5%	5	1.2%	2,016	2.6%
Ran Off Road	1,152	2.2%	834	3.1%	18	4.5%	2,004	2.5%
Driving Under the Influence	1,045	2.0%	900	3.4%	32	8.0%	1,977	2.5%
Other Driver Condition	1,090	2.1%	372	1.4%	0	0.0%	1,462	1.9%
Overcorrected	729	1.4%	606	2.3%	29	7.2%	1,364	1.7%
Swerved or Evasive Action	821	1.6%	461	1.7%	20	5.0%	1,302	1.7%
Improper Parking/Stopping	914	1.8%	272	1.0%	0	0.0%	1,186	1.5%
Driver Asleep/Fatigue	584	1.1%	454	1.7%	6	1.5%	1,044	1.3%
Vision Obscured by Moving Vehicle	545	1.1%	380	1.4%	6	1.5%	931	1.2%
Vehicle Other Defective Condition	677	1.3%	250	0.9%	1	0.2%	928	1.2%
Vehicle Tires	498	1.0%	203	0.8%	9	2.2%	710	0.9%
Reckless/Aggressive Driving	365	0.7%	270	1.0%	16	4.0%	651	0.8%
Vehicle Brakes	412	0.8%	223	0.8%	0	0.0%	635	0.8%
Vision Obscured by Other	389	0.8%	211	0.8%	1	0.2%	601	0.8%
Vision Obscured by Parked Vehicle	448	0.9%	153	0.6%	0	0.0%	601	0.8%
Vision Obscured by Glare	318	0.6%	221	0.8%	5	1.2%	544	0.7%
Driver Illness/Medical	168	0.3%	281	1.1%	6	1.5%	455	0.6%
Improper Passing	338	0.7%	72	0.3%	3	0.7%	413	0.5%
Driver Emotional Prior to Crash	242	0.5%	142	0.5%	4	1.0%	388	0.5%
Wrong Side/Wrong Way	149	0.3%	149	0.6%	16	4.0%	314	0.4%
Vehicle Cargo	192	0.4%	13	0.0%	3	0.7%	208	0.3%
Disregard Road Markings	118	0.2%	47	0.2%	0	0.0%	165	0.2%
Vision Obscured by Physical Obstruction	85	0.2%	77	0.3%	0	0.0%	162	0.2%
Vision Obscured by Vegetation	82	0.2%	58	0.2%	0	0.0%	140	0.2%
Windshield or Other Window Obscured	85	0.2%	40	0.1%	1	0.2%	126	0.2%
Improper Signal	67	0.1%	23	0.1%	1	0.2%	91	0.1%
<b>Total</b>	<b>51,504</b>	<b>100.0%</b>	<b>26,705</b>	<b>100.0%</b>	<b>401</b>	<b>100.0%</b>	<b>78,610</b>	<b>100.0%</b>

- Some form of poor driver performance is present in the majority of crashes. The leading contributing factors for all crashes were followed too closely (15.0%), failed to yield right of way (12.6%), speed too fast (8.1%), and failed to keep in proper lane (8.0%).
- The leading contributing factors in fatal crashes were speed too fast (19.5%), failed to keep in proper lane (12.0%), and driving under the influence (8.0%).
- The contributing factors that contributed more to injury crashes than non-injury crashes were: failure to yield right of way, disregard traffic signal/sign, driver distraction, and driving under the influence.