

# Appendix



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## Population, Vehicle Miles Traveled, Injuries, Deaths, and Crashes (Utah 1947-2016)

<b>Historical Information</b>														
Year	Population	Vehicle Miles Traveled (VMT)	Injured Persons		Deaths		Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
			#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT
1947	636,000	2,132,000,000	3,747	175.8	186	8.724	6,123	287.2	2,603	122.1	159	7.458	8,885	416.7
1948	653,000	2,351,000,000	3,982	169.4	220	9.358	7,117	302.7	2,675	113.8	169	7.188	9,961	423.7
1949	670,800	2,475,000,000	3,808	153.9	174	7.030	8,327	336.4	2,614	105.6	151	6.101	11,092	448.2
1950	695,900	2,839,000,000	4,459	157.1	188	6.622	9,532	335.8	3,004	105.8	169	5.953	12,705	447.5
1951	706,100	3,015,000,000	5,132	170.2	207	6.866	12,806	424.7	3,495	115.9	174	5.771	16,475	546.4
1952	724,000	3,050,000,000	5,140	168.5	246	8.066	14,052	460.7	3,474	113.9	184	6.033	17,710	580.7
1953	739,100	3,232,000,000	4,945	153.0	209	6.467	12,883	398.6	3,305	102.3	185	5.724	16,373	506.6
1954	750,500	3,336,000,000	4,495	134.7	209	6.265	11,911	357.0	3,016	90.4	176	5.276	15,103	452.7
1955	782,800	3,075,000,000	5,036	163.8	203	6.602	14,504	471.7	3,390	110.2	166	5.398	18,060	587.3
1956	808,800	3,310,000,000	4,812	145.4	215	6.495	14,045	424.3	3,310	100.0	176	5.317	17,531	529.6
1957	826,300	3,366,000,000	5,022	149.2	222	6.595	15,476	459.8	3,397	100.9	181	5.377	19,054	566.1
1958	845,200	3,531,000,000	5,658	160.2	193	5.466	18,287	517.9	3,762	106.5	171	4.843	22,220	629.3
1959	869,900	3,784,000,000	5,992	158.4	205	5.418	19,389	512.4	3,946	104.3	171	4.519	23,506	621.2
1960	900,000	3,852,000,000	9,128	237.0	256	6.646	20,702	537.4	5,576	144.8	200	5.192	26,478	687.4
1961	936,000	3,997,000,000	10,412	260.5	236	5.904	19,278	482.3	6,257	156.5	197	4.929	25,732	643.8
1962	958,000	4,240,000,000	11,133	262.6	233	5.495	19,459	458.9	6,968	164.3	186	4.387	26,613	627.7
1963	974,000	4,549,000,000	12,603	277.0	263	5.781	19,344	425.2	7,798	171.4	198	4.353	27,340	601.0
1964	978,000	4,790,000,000	14,096	294.3	295	6.159	20,570	429.4	8,636	180.3	246	5.136	29,452	614.9
1965	991,000	4,997,000,000	14,361	287.4	281	5.623	20,427	408.8	8,856	177.2	242	4.843	29,525	590.9
1966	1,009,000	5,079,000,000	14,994	295.2	331	6.517	20,616	405.9	9,076	178.7	265	5.218	29,957	589.8
1967	1,019,000	5,257,000,000	14,401	273.9	275	5.231	21,873	416.1	8,888	169.1	231	4.394	30,992	589.5
1968	1,029,000	5,539,000,000	15,539	280.5	289	5.218	24,724	446.4	9,550	172.4	258	4.658	34,532	623.4
1969	1,047,000	5,802,000,000	15,977	275.4	308	5.309	24,665	425.1	9,850	169.8	251	4.326	34,766	599.2
1970	1,066,000	6,108,000,000	17,076	279.6	335	5.485	24,168	395.7	10,722	175.5	276	4.519	35,166	575.7
1971	1,101,150	6,544,000,000	18,073	276.2	337	5.150	27,429	419.1	11,399	174.2	280	4.279	39,108	597.6
1972	1,135,100	6,969,000,000	18,261	262.0	382	5.481	27,914	400.5	11,630	166.9	312	4.477	39,856	571.9
1973	1,168,950	7,274,000,000	18,415	253.2	361	4.963	26,220	360.5	11,710	161.0	304	4.179	38,234	525.6
1974	1,196,950	7,457,000,000	16,268	218.2	228	3.058	20,637	276.7	10,560	141.6	204	2.736	31,401	421.1
1975	1,233,900	7,942,000,000	17,762	223.6	274	3.450	24,740	311.5	11,441	144.1	245	3.085	36,426	458.7
1976	1,272,050	8,420,000,000	18,315	217.5	254	3.017	22,435	266.4	11,685	138.8	225	2.672	34,345	407.9
1977	1,315,950	9,054,000,000	19,728	217.9	360	3.976	25,562	282.3	12,652	139.7	310	3.424	38,524	425.5
1978	1,363,750	9,826,000,000	21,029	214.0	376	3.827	28,946	294.6	13,423	136.6	315	3.206	42,684	434.4
1979	1,415,950	9,811,000,000	20,798	212.0	328	3.343	26,732	272.5	13,449	137.1	287	2.925	40,468	412.5
1980	1,474,000	10,645,000,000	17,828	167.5	335	3.147	21,589	202.8	11,701	109.9	292	2.743	33,582	315.5
1981	1,515,000	10,733,000,000	18,090	168.5	364	3.391	23,844	222.2	11,824	110.2	321	2.991	35,989	335.3
1982	1,558,000	10,947,000,000	17,538	160.2	296	2.704	26,425	241.4	11,504	105.1	263	2.402	38,192	348.9
1983	1,595,000	11,228,000,000	18,910	168.4	283	2.520	28,419	253.1	12,317	109.7	253	2.253	40,989	365.1
1984	1,622,000	11,642,000,000	20,487	176.0	315	2.706	33,738	289.8	13,477	115.8	274	2.354	47,489	407.9
1985	1,643,000	12,035,000,000	21,346	177.4	303	2.518	33,684	279.9	13,917	115.6	270	2.243	47,871	397.8
1986	1,663,000	12,253,000,000	21,350	174.2	312	2.546	32,426	264.6	13,988	114.2	276	2.253	46,690	381.0
1987	1,678,000	12,679,000,000	19,237	151.7	297	2.342	33,386	263.3	13,599	107.3	271	2.137	47,256	372.7
1988	1,690,000	13,229,853,875	19,066	144.1	297	2.245	35,614	269.2	13,377	101.1	258	1.950	49,249	372.3
1989	1,706,000	13,933,977,565	19,843	142.4	303	2.175	37,110	266.3	13,941	100.1	269	1.931	51,320	368.3
1990	1,729,227	14,649,064,030	20,608	140.7	272	1.857	37,823	258.2	14,632	99.9	236	1.611	52,691	359.7
1991	1,780,870	15,390,400,930	19,540	127.0	271	1.761	33,443	217.3	13,763	89.4	229	1.488	47,435	308.2
1992	1,838,149	16,263,289,670	22,490	138.3	269	1.654	34,760	213.7	15,665	96.3	235	1.445	50,660	311.5
1993	1,889,393	17,055,044,750	25,763	151.1	303	1.777	38,357	224.9	17,088	100.2	259	1.519	55,704	326.6

## Population, Vehicle Miles Traveled, Injuries, Deaths, and Crashes (Utah 1947-2016)

<b>Historical Information (Continued)</b>														
Year	Population	Vehicle Miles Traveled (VMT)	Injured Persons		Deaths		Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
			#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT
1994	1,946,721	18,091,944,321	28,436	157.2	343	1.896	40,243	222.4	18,726	103.5	303	1.675	59,272	327.6
1995	1,995,228	18,798,488,669	28,343	150.8	325	1.729	37,532	199.7	19,828	105.5	284	1.511	57,644	306.6
1996	2,042,893	19,433,341,748	30,711	158.0	321	1.652	40,225	207.0	20,988	108.0	292	1.503	61,505	316.5
1997	2,099,409	20,407,590,239	31,238	153.1	366	1.793	33,512	164.2	21,131	103.5	309	1.514	54,952	269.3
1998	2,141,632	21,236,980,216	30,232	142.4	350	1.648	34,337	161.7	19,427	91.5	308	1.450	54,072	254.6
1999	2,193,014	21,867,355,694	29,959	137.0	360	1.646	32,971	150.8	19,513	89.2	318	1.454	52,802	241.5
2000	2,246,467	22,517,131,427	30,086	133.6	373	1.657	33,269	147.7	19,564	86.9	318	1.412	53,151	236.0
2001	2,290,632	23,398,734,621	29,375	125.5	291	1.244	33,113	141.5	19,332	82.6	258	1.103	52,703	225.2
2002	2,331,826	24,438,992,554	30,433	124.5	328	1.342	33,542	137.2	19,552	80.0	274	1.121	53,368	218.4
2003	2,372,457	23,963,242,376	28,352	118.3	309	1.289	31,842	132.9	18,285	76.3	262	1.093	50,389	210.3
2004	2,430,224	24,641,658,091	29,638	120.3	296	1.201	34,222	138.9	19,423	78.8	260	1.055	53,905	218.8
2005	2,505,844	25,129,538,952	29,221	116.3	282	1.122	35,158	139.9	19,545	77.8	235	0.935	54,938	218.6
2006	2,576,228	26,166,885,473	27,433	104.8	287	1.097	37,674	144.0	18,264	69.8	249	0.952	56,187	214.7
2007	2,636,077	26,824,244,333	27,420	102.2	299	1.115	42,368	157.9	18,619	69.4	258	0.962	61,245	228.3
2008	2,691,122	25,883,467,343	24,672	95.3	276	1.066	38,997	150.7	17,125	66.2	245	0.947	56,367	217.8
2009	2,731,558	26,217,108,843	22,847	87.1	244	0.931	35,398	135.0	15,752	60.1	217	0.828	51,367	195.9
2010	2,775,426	26,617,169,711	21,675	81.4	253	0.951	34,155	128.3	14,995	56.3	218	0.819	49,368	185.5
2011	2,816,440	26,379,900,505	22,325	84.6	243	0.921	36,418	138.1	15,645	59.3	224	0.849	52,287	198.2
2012	2,855,782	26,637,413,207	22,336	83.9	217	0.815	34,635	130.0	15,765	59.2	200	0.751	50,600	190.0
2013	2,902,663	27,014,745,900	22,740	84.2	220	0.814	39,301	145.5	16,134	59.7	202	0.748	55,637	206.0
2014	2,941,836	27,574,227,734	23,364	84.7	256	0.928	37,388	135.6	16,426	59.6	222	0.805	54,036	196.0
2015	2,990,632	29,393,158,598	25,350	86.2	278	0.946	42,089	143.2	17,665	60.1	258	0.878	60,012	204.2
2016	3,051,217	30,778,571,634	26,738	86.9	280	0.910	43,465	141.2	18,747	60.9	259	0.841	62,471	203.0
<b>Total</b>	<b>112,766,117</b>	<b>913,098,523,009</b>	<b>1,285,617</b>	<b>140.8</b>	<b>19,697</b>	<b>2.157</b>	<b>1,923,365</b>	<b>210.6</b>	<b>853,361</b>	<b>93.5</b>	<b>16,943</b>	<b>1.856</b>	<b>2,793,669</b>	<b>306.0</b>

POPULATION SOURCE: US Census Bureau, Population Division, Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2016

VEHICLE MILES TRAVELED SOURCE: Utah Department of Transportation, Utah Highway Performance Monitoring System, [www.udot.utah.gov](http://www.udot.utah.gov)

### Number of Licensed Drivers by Gender (Utah 2012-2016)

<b>Licensed Drivers</b>									
Gender	Year					Total	% All Years	2016 %	% Change 2012-2016
	2012	2013	2014	2015	2016				
Female	977,728	940,572	944,012	977,506	1,032,899	4,872,717	49.4%	49.6%	5.6%
Male	1,034,027	958,767	958,202	992,636	1,050,609	4,994,241	50.6%	50.4%	1.6%
<b>Total</b>	<b>2,011,755</b>	<b>1,899,339</b>	<b>1,902,214</b>	<b>1,970,142</b>	<b>2,083,508</b>	<b>9,866,958</b>	<b>100.0%</b>	<b>100.0%</b>	<b>3.6%</b>

SOURCE: Utah Department of Public Safety, Driver License Division

## Number of Licensed Drivers by Age (Utah 2012-2016)

Licensed Drivers									
Age	Year					Total	% All Years	2016 %	% Change 2012-2016
	2012	2013	2014	2015	2016				
15-19	186,586	156,822	157,613	167,344	183,665	852,030	8.6%	8.8%	-1.6%
20-24	209,423	198,238	195,747	201,510	216,044	1,020,962	10.3%	10.4%	3.2%
25-29	216,925	200,937	196,010	202,485	216,053	1,032,410	10.5%	10.4%	-0.4%
30-34	221,267	207,415	201,024	202,253	204,847	1,036,806	10.5%	9.8%	-7.4%
35-39	185,990	189,387	193,197	202,078	211,261	981,913	10.0%	10.1%	13.6%
40-44	165,667	158,792	160,269	165,974	181,011	831,713	8.4%	8.7%	9.3%
45-49	153,639	137,357	137,492	144,916	154,785	728,189	7.4%	7.4%	0.7%
50-54	156,797	144,279	141,071	140,081	138,682	720,910	7.3%	6.7%	-11.6%
55-59	141,052	136,965	137,600	140,467	144,169	700,253	7.1%	6.9%	2.2%
60-64	115,238	115,900	119,146	125,025	132,542	607,851	6.2%	6.4%	15.0%
65-69	84,538	90,147	94,449	101,006	107,775	477,915	4.8%	5.2%	27.5%
70-74	60,566	65,207	67,905	70,745	79,990	344,413	3.5%	3.8%	32.1%
75-79	45,029	45,398	46,134	48,366	52,752	237,679	2.4%	2.5%	17.2%
80-84	33,466	30,258	31,128	32,374	33,948	161,174	1.6%	1.6%	1.4%
85+	35,572	22,237	23,429	25,518	25,984	132,740	1.3%	1.2%	-27.0%
<b>Total</b>	<b>2,011,755</b>	<b>1,899,339</b>	<b>1,902,214</b>	<b>1,970,142</b>	<b>2,083,508</b>	<b>9,866,958</b>	<b>100.0%</b>	<b>100.0%</b>	<b>3.6%</b>

SOURCE: Utah Department of Public Safety, Driver License Division

## Number of Registered Vehicles by Vehicle Type (Utah 2007-2016)

Vehicles					
Year	Heavy Truck	Light Truck	Motorcycle	Passenger Car	Total
2007	62,860	585,413	56,146	1,297,242	2,001,661
2008	66,578	601,655	64,376	1,334,906	2,067,515
2009	67,124	598,513	78,302	1,349,596	2,093,535
2010	63,927	588,733	71,957	1,340,300	2,064,917
2011	64,288	585,689	69,774	1,346,803	2,066,554
2012	66,052	590,451	73,112	1,375,020	2,104,635
2013	68,188	593,301	74,324	1,405,155	2,140,968
2014	68,636	642,637	75,593	1,411,649	2,198,515
2015	69,469	703,165	73,606	1,394,826	2,241,066
2016	71,643	793,332	71,760	1,375,373	2,312,108
<b>Total</b>	<b>668,765</b>	<b>6,282,889</b>	<b>708,950</b>	<b>13,630,870</b>	<b>21,291,474</b>
<b>% All Years</b>	<b>3.1%</b>	<b>29.5%</b>	<b>3.3%</b>	<b>64.0%</b>	<b>100.0%</b>
<b>2016 %</b>	<b>3.1%</b>	<b>34.3%</b>	<b>3.1%</b>	<b>59.5%</b>	<b>100.0%</b>
<b>% Change 07-16</b>	<b>14.0%</b>	<b>35.5%</b>	<b>27.8%</b>	<b>6.0%</b>	<b>15.5%</b>

SOURCE: Utah State Tax Commission, Economic and Statistical Unit

## Population by County and Rural/Urban (Utah 2012-2016)

<b>Population by County</b>									
County	Year					Total	% All Years	2016 %	% Change 2012-2016
	2012	2013	2014	2015	2016				
Beaver	6,493	6,462	6,424	6,344	6,463	32,186	0.2%	0.2%	-0.5%
Box Elder	50,259	50,807	51,435	51,998	53,139	257,638	1.7%	1.7%	5.7%
Cache	115,931	117,198	118,177	120,060	122,753	594,119	4.0%	4.0%	5.9%
Carbon	21,242	20,935	20,659	20,430	20,399	103,665	0.7%	0.7%	-4.0%
Daggett	1,093	1,138	1,127	1,110	1,095	5,563	0.0%	0.0%	0.2%
Davis	316,165	322,796	329,448	335,768	342,281	1,646,458	11.2%	11.2%	8.3%
Duchesne	19,003	20,010	20,260	20,781	20,337	100,391	0.7%	0.7%	7.0%
Emery	10,919	10,738	10,625	10,352	10,216	52,850	0.4%	0.3%	-6.4%
Garfield	5,085	5,045	4,995	4,991	4,986	25,102	0.2%	0.2%	-1.9%
Grand	9,314	9,332	9,420	9,493	9,579	47,138	0.3%	0.3%	2.8%
Iron	46,706	46,632	47,185	48,294	49,937	238,754	1.6%	1.6%	6.9%
Juab	10,282	10,255	10,421	10,566	11,010	52,534	0.4%	0.4%	7.1%
Kane	7,199	7,200	7,228	7,120	7,334	36,081	0.2%	0.2%	1.9%
Millard	12,524	12,594	12,560	12,649	12,694	63,021	0.4%	0.4%	1.4%
Morgan	9,822	10,240	10,636	11,091	11,437	53,226	0.4%	0.4%	16.4%
Piute	1,523	1,514	1,479	1,503	1,466	7,485	0.1%	0.0%	-3.7%
Rich	2,269	2,260	2,274	2,296	2,319	11,418	0.1%	0.1%	2.2%
Salt Lake	1,064,462	1,080,761	1,091,389	1,104,622	1,121,354	5,462,588	37.1%	36.8%	5.3%
San Juan	14,900	14,988	15,208	15,707	16,895	77,698	0.5%	0.6%	13.4%
Sanpete	27,997	28,183	28,367	28,801	29,409	142,757	1.0%	1.0%	5.0%
Sevier	20,716	20,823	20,821	20,940	21,267	104,567	0.7%	0.7%	2.7%
Summit	37,867	38,387	39,005	39,481	40,307	195,047	1.3%	1.3%	6.4%
Tooele	59,872	60,749	61,599	62,879	64,833	309,932	2.1%	2.1%	8.3%
Uintah	34,682	35,737	36,958	37,789	36,373	181,539	1.2%	1.2%	4.9%
Utah	540,170	552,386	561,232	574,796	592,299	2,820,883	19.1%	19.4%	9.7%
Wasatch	25,385	26,609	27,789	29,165	30,528	139,476	0.9%	1.0%	20.3%
Washington	144,613	147,628	151,857	155,450	160,245	759,793	5.2%	5.3%	10.8%
Wayne	2,724	2,728	2,722	2,703	2,702	13,579	0.1%	0.1%	-0.8%
Weber	236,565	238,528	240,536	243,453	247,560	1,206,642	8.2%	8.1%	4.6%
<b>Total</b>	<b>2,855,782</b>	<b>2,902,663</b>	<b>2,941,836</b>	<b>2,990,632</b>	<b>3,051,217</b>	<b>14,742,130</b>	<b>100.0%</b>	<b>100.0%</b>	<b>6.8%</b>

<b>Population by Rural/Urban</b>									
Location	Year					Total	% All Years	2016 %	% Change 2012-2016
	2012	2013	2014	2015	2016				
Rural	437,876	443,366	449,197	456,483	464,725	2,251,647	15.3%	15.2%	6.1%
Urban	2,417,906	2,459,297	2,492,639	2,534,149	2,586,492	12,490,483	84.7%	84.8%	7.0%
<b>Total</b>	<b>2,855,782</b>	<b>2,902,663</b>	<b>2,941,836</b>	<b>2,990,632</b>	<b>3,051,217</b>	<b>14,742,130</b>	<b>100.0%</b>	<b>100.0%</b>	<b>6.8%</b>

SOURCE: US Census Bureau, Population Division, Annual Estimates of the Resident Population

## Vehicle Miles Traveled (Utah 2012-2016)

<b>Vehicle Miles Traveled (VMT) by County</b>									
County	Year					Total	% All Years	2016 %	% Change 2012-2016
	2012	2013	2014	2015	2016				
Beaver	252,117,515	264,273,530	271,441,615	285,668,399	302,022,680	1,375,523,739	1.0%	1.0%	19.8%
Box Elder	877,987,924	895,366,745	911,258,124	973,650,820	1,009,642,458	4,667,906,071	3.3%	3.3%	15.0%
Cache	876,333,868	880,249,558	899,034,530	954,924,377	996,100,235	4,606,642,568	3.3%	3.2%	13.7%
Carbon	305,487,505	310,210,602	325,114,810	344,944,836	350,517,918	1,636,275,671	1.2%	1.1%	14.7%
Daggett	30,438,948	30,980,594	32,333,132	33,130,562	34,688,088	161,571,324	0.1%	0.1%	14.0%
Davis	2,531,978,716	2,538,778,040	2,590,155,574	2,802,079,612	2,958,308,026	13,421,299,968	9.5%	9.6%	16.8%
Duchesne	275,632,039	278,837,297	283,292,481	327,841,653	327,555,029	1,493,158,499	1.1%	1.1%	18.8%
Emery	381,235,825	351,741,796	355,911,485	385,315,624	389,642,855	1,863,847,585	1.3%	1.3%	2.2%
Garfield	110,821,951	108,004,544	114,369,392	123,257,738	130,135,377	586,589,002	0.4%	0.4%	17.4%
Grand	320,551,102	334,853,328	351,843,888	380,937,171	405,860,282	1,794,045,771	1.3%	1.3%	26.6%
Iron	700,741,148	721,883,152	753,358,572	794,760,784	834,634,738	3,805,378,394	2.7%	2.7%	19.1%
Juab	384,471,346	391,200,663	368,529,836	418,803,123	449,324,230	2,012,329,198	1.4%	1.5%	16.9%
Kane	171,426,081	161,183,477	134,067,109	153,248,460	166,222,940	786,148,067	0.6%	0.5%	-3.0%
Millard	455,557,644	490,465,889	502,461,730	533,404,164	564,737,246	2,546,626,673	1.8%	1.8%	24.0%
Morgan	132,992,730	131,337,257	133,124,873	142,800,901	148,889,806	689,145,567	0.5%	0.5%	12.0%
Plute	28,419,196	28,071,707	28,998,248	30,998,770	32,621,547	149,109,468	0.1%	0.1%	14.8%
Rich	49,199,382	49,105,907	50,335,948	52,670,161	54,963,433	256,274,831	0.2%	0.2%	11.7%
Salt Lake	8,748,849,791	8,881,223,683	9,079,005,254	9,466,255,889	9,843,910,619	46,019,245,236	32.5%	32.0%	12.5%
San Juan	307,019,232	312,364,995	285,774,882	323,528,333	331,430,475	1,560,117,917	1.1%	1.1%	8.0%
Sanpete	205,894,610	210,754,236	216,577,317	238,237,698	248,128,202	1,119,592,063	0.8%	0.8%	20.5%
Sevier	319,951,941	311,210,506	319,525,913	350,052,040	366,262,607	1,667,003,007	1.2%	1.2%	14.5%
Summit	728,385,245	745,619,650	763,364,577	816,647,139	856,810,746	3,910,827,357	2.8%	2.8%	17.6%
Tooele	823,015,404	818,748,872	822,143,266	863,609,453	902,588,007	4,230,105,002	3.0%	2.9%	9.7%
Uintah	414,298,005	419,416,805	427,770,171	436,479,501	438,206,845	2,136,171,327	1.5%	1.4%	5.8%
Utah	3,830,963,768	3,956,113,485	4,084,949,059	4,403,917,995	4,721,897,971	20,997,842,278	14.9%	15.3%	23.3%
Wasatch	334,601,920	333,402,298	353,223,181	393,786,656	401,768,608	1,816,782,663	1.3%	1.3%	20.1%
Washington	1,379,312,655	1,405,655,035	1,420,310,654	1,565,553,150	1,661,091,853	7,431,923,347	5.3%	5.4%	20.4%
Wayne	47,366,479	47,544,289	48,768,211	52,333,595	54,698,673	250,711,247	0.2%	0.2%	15.5%
Weber	1,612,361,237	1,606,147,960	1,647,183,902	1,744,319,994	1,795,910,140	8,405,923,233	5.9%	5.8%	11.4%
<b>Total</b>	<b>26,637,413,207</b>	<b>27,014,745,900</b>	<b>27,574,227,734</b>	<b>29,393,158,598</b>	<b>30,778,571,634</b>	<b>141,398,117,073</b>	<b>100.0%</b>	<b>100.0%</b>	<b>15.5%</b>

<b>Vehicle Miles Traveled (VMT) by Rural/Urban</b>									
Location	Year					Total	% All Years	2016 %	% Change 2012-2016
	2012	2013	2014	2015	2016				
Rural	7,657,613,172	7,746,578,139	7,853,588,761	8,456,107,581	8,801,352,790	40,515,240,443	28.7%	28.6%	14.9%
Urban	18,979,800,035	19,268,167,761	19,720,638,973	20,937,051,017	21,977,218,844	100,882,876,630	71.3%	71.4%	15.8%
<b>Total</b>	<b>26,637,413,207</b>	<b>27,014,745,900</b>	<b>27,574,227,734</b>	<b>29,393,158,598</b>	<b>30,778,571,634</b>	<b>141,398,117,073</b>	<b>100.0%</b>	<b>100.0%</b>	<b>15.5%</b>

SOURCE: Utah Department of Transportation, Utah Highway Performance Monitoring System, [www.udot.utah.gov](http://www.udot.utah.gov)

## Glossary

**Alcohol-Related Driver Crash:** A crash in which the driver was cited for driving under the influence, at least one driver had a blood alcohol concentration of .08 grams per deciliter or above, or if the investigating officer suspected the driver used alcohol.

**Contributing Factor:** The circumstances reported by the investigating officer surrounding a crash that contributed to the crash or the crash severity.

**Crash Rate:** Crashes per 100 million vehicle miles traveled unless otherwise specified.

**Death Rate:** Traffic deaths per 100 million vehicle miles traveled unless otherwise specified.

**Distracted Driver Crash:** A crash in which the investigating officer suspected a driver to be engaging in an activity that had the potential to divert the driver's attention from the task of driving.

**Drowsy Driver Crash:** A crash in which a driver condition was listed as fatigue/asleep.

**Drug Driver Fatal Crash:** A crash resulting in one or more deaths involving at least one driver with a positive drug test.

**Drug-Related Driver Crash:** A crash in which the driver was cited for driving under the influence of drugs, at least one driver had a positive drug test, or if the investigating officer suspected the driver used drugs.

**Drunk Driver Fatal Crash:** A crash resulting in one or more deaths involving at least one driver with a blood alcohol concentration of .08 grams per deciliter or above.

**Fatal Crash:** A crash involving a motor vehicle traveling on a trafficway resulting in the death of at least one person within 30 days of the crash.

**Fatality Analysis Reporting System (FARS):** National data system containing data on all fatal traffic crashes in the U.S.

**Holiday Crash:** The following criteria was used to determine the number of days in the holiday period: 1) If a holiday occurred on Sunday, Tuesday, Wednesday, or Saturday, then it was considered a three day holiday (the day prior to the holiday, the holiday, and the day after the holiday); 2) If a holiday occurred on Monday, then it was considered a four day holiday (Friday through Monday); 3) If a holiday occurred on Friday, then it was considered a four day holiday (Thursday through Sunday); 4) If a holiday occurred on Thursday, then it was considered a five day holiday (Wednesday through Sunday).

**Incapacitating Injury:** Any injury, other than a fatal

injury, which prevents the injured person from walking, driving, or normally continuing the activities the person was capable of performing before the injury occurred. Often defined as needing help from the scene.

**Injury Crash:** A crash in which one or more persons sustained a possible injury, non-incapacitating injury, or an incapacitating injury.

**Miles per Hour (MPH):** A unit of speed expressing the distance traveled (in miles) to the time spent traveling (in hours).

**Motorcycle Crash:** A crash involving a motorcycle or moped.

**Non-Incapacitating Injury:** Any injury, other than a fatal injury or an incapacitating injury, which is evident to observers at the scene of the crash in which the injury occurred. Examples: bruise, cut, bloody nose.

**Out-of-State Driver:** A driver licensed from a state/country other than Utah who is in a crash. Some of these drivers may reside in Utah and have not yet applied for a Utah driver license.

**Possible Injury:** Complaint of pain without visible injury.

**Property Damage Only (PDO) Crash:** A crash which results in damage to the motor vehicle or other property but without injury or death to any person.

**Restraint Use:** Restraint use is reported for occupants in a passenger car, light truck, van, SUV, or large truck. Occupants are coded as restrained if they reported using a shoulder/lap belt, lap belt, shoulder belt, or a child safety seat at the scene of the crash.

**Rural:** Counties with population less than 100,000 people. Rural counties in Utah are Beaver, Box Elder, Carbon, Daggett, Duchesne, Emery, Garfield, Grand, Iron, Juab, Kane, Millard, Morgan, Piute, Rich, San Juan, Sanpete, Sevier, Summit, Tooele, Uintah, Wasatch, and Wayne.

**Speed Crash:** A crash where a driver exceeded posted speed limits or was driving too fast for conditions.

**Teenage Driver Crash:** A crash involving a driver aged 15 to 19 years.

**Urban:** Counties with population 100,000 people and above. Urban counties in Utah are Cache, Davis, Salt Lake, Utah, Washington, and Weber.

**Vehicle Miles Traveled (VMT):** The number of miles traveled in a year for a given area.

## Notable Dates in Utah Highway Safety History

- 1906** First motor vehicle traffic crash death in Utah.
- 1912** The world's first electric traffic light installed in Salt Lake City.
- 1915** Driving age established at 16 years and older.
- 1926** Stop sign law implemented.
- 1935** Alcohol drinking age set at 21 years and older.
- 1935** Utah Highway Patrol granted statewide police authority.
- 1960** First sections of interstate opened in Utah.
- 1969** Motorcycle helmet required for all ages on roads with speed limits 35 mph or higher.
- 1972** Highest number of deaths recorded in one year in Utah (382).
- 1973** Maximum speed limit lowered to 55 mph.
- 1977** Motorcycle helmet law changed, helmets required only for riders under 18 on all roads.
- 1983** Illegal to operate a motor vehicle at or above .08 BAC.
- 1984** First child restraint law.
- 1986** First seat belt law.
- 1987** Maximum speed limit raised to 65 mph.
- 1991** Amount of property damage for reportable crashes increased from \$400 to \$750.
- 1992** Illegal for drivers under age 21 years to drive with any detectable amount of alcohol.
- 1996** Amount of property damage required for reportable crashes increased to \$1,000.
- 1996** Maximum speed limit raised to 75 mph.
- 1997** Increased age that children need to be restrained from up to 8 years to up to 10 years.
- 1997** Non-traffic crashes excluded. These accounted for about 10% of crashes in prior years.
- 1999** First Graduated Driver License law implemented.
- 2000** Secondary seat belt law for drivers and all passengers of motor vehicles.
- 2000** Increased age for use of child restraints up to age five years.
- 2006** State of Utah Investigating Officer's Report of Traffic Crash DI-9 Form updated.
- 2007** Hand-held telephone use prohibited, enforced if a moving traffic violation is committed.
- 2008** Increased age for use of child restraints up to age eight years.
- 2008** Maximum speed limit raised to 80 mph on selected parts of rural I-15.
- 2009** Amount of property damage required for reportable crashes increased to \$1,500.
- 2009** All drivers convicted of DUI required to use ignition interlock system.
- 2009** Text messaging prohibited while operating a moving motor vehicle.
- 2014** Maximum speed limit raised to 70 mph on urban freeways.
- 2015** Seat belt law changed to primary enforcement law.

**UTAH HIGHWAY SAFETY OFFICE**  
[highwaysafety.utah.gov](http://highwaysafety.utah.gov)

**UTAH DEPARTMENT OF PUBLIC SAFETY**  
[publicsafety.utah.gov](http://publicsafety.utah.gov)

**NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION**  
[www.nhtsa.dot.gov](http://www.nhtsa.dot.gov)