Older (Age 65+) Drivers

Section 9: Older (Age 65+) Drivers

2014

Trends

Older Driver Crashes (Utah 2005-2014)

|	Property Damage Only			Injury			Fatal			Total		
	All	Older Driver		All	Older Driver		All	Older Driver		All	Older Driver	
Year	#	#	%	#	#	%	#	#	%	#	#	%
2005	35,158	3,344	9.5%	19,545	2,024	10.4%	235	36	15.3%	**54,938**	**5,404**	**9.8%**
2006	37,674	3,508	9.3%	18,264	2,010	11.0%	249	32	12.9%	**56,187**	**5,550**	**9.9%**
2007	42,368	3,937	9.3%	18,619	1,991	10.7%	258	28	10.9%	**61,245**	**5,956**	**9.7%**
2008	38,997	3,620	9.3%	17,125	1,872	10.9%	245	31	12.7%	**56,367**	**5,523**	**9.8%**
2009	35,398	3,552	10.0%	15,752	1,834	11.6%	217	33	15.2%	**51,367**	**5,419**	**10.5%**
2010	34,155	3,658	10.7%	14,995	1,830	12.2%	218	45	20.6%	**49,368**	**5,533**	**11.2%**
2011	36,418	4,108	11.3%	15,645	1,914	12.2%	224	38	17.0%	**52,287**	**6,060**	**11.6%**
2012	34,635	4,043	11.7%	15,765	2,080	13.2%	200	26	13.0%	**50,600**	**6,149**	**12.2%**
2013	39,301	4,627	11.8%	16,134	2,182	13.5%	202	46	22.8%	**55,637**	**6,855**	**12.3%**
2014	37,388	4,838	12.9%	16,426	2,372	14.4%	222	44	19.8%	**54,036**	**7,254**	**13.4%**
Total	**371,492**	**39,235**	**10.6%**	**168,270**	**20,109**	**12.0%**	**2,270**	**359**	**15.8%**	**542,032**	**59,703**	**11.0%**
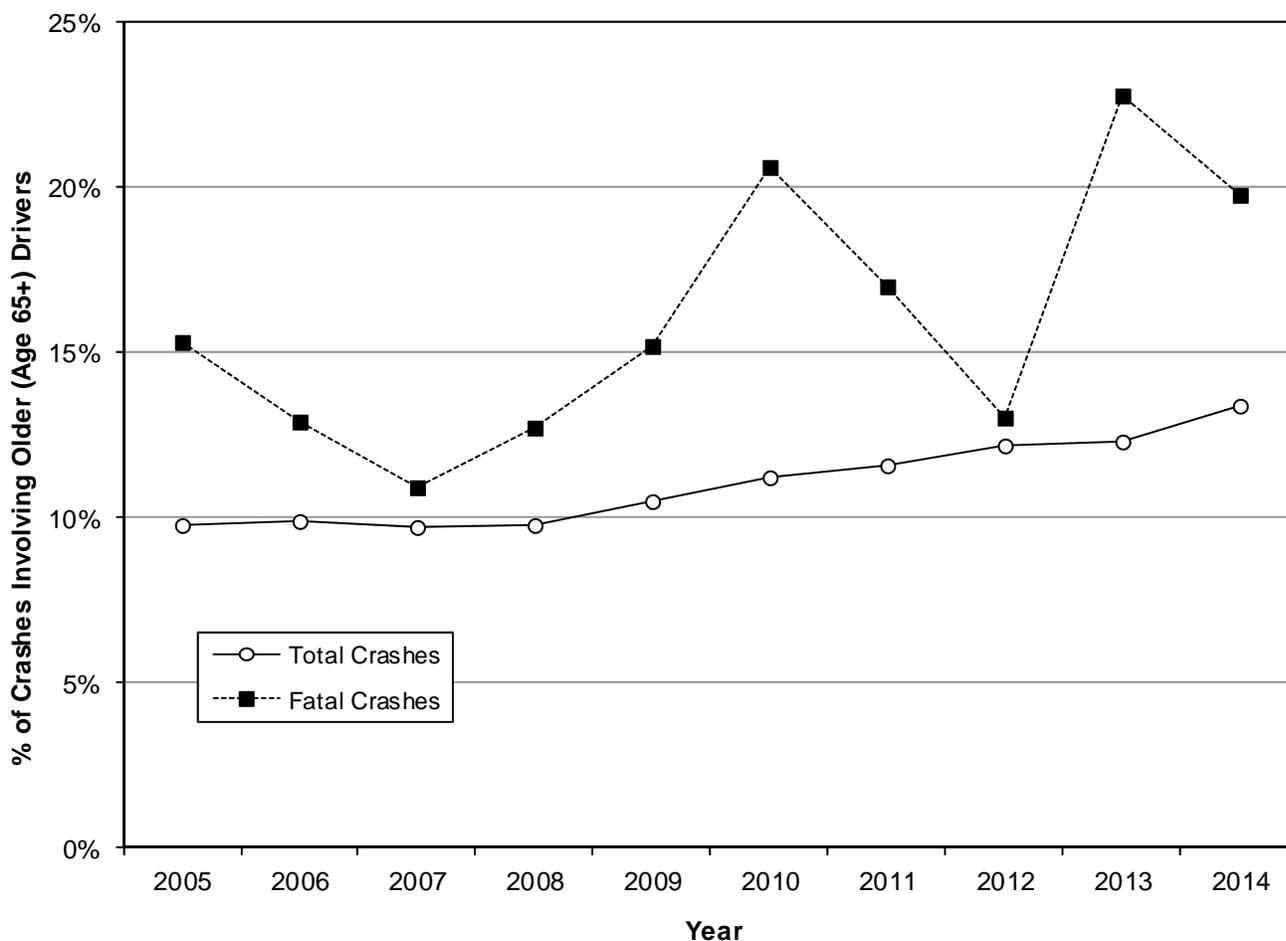
- Older drivers (aged 65+ years) are a special concern because of their declining health and fragility.
- The 10-year trend shows that 11.0% of all crashes in Utah involved an older driver with an increasing trend over the last six years. Fatal older driver crashes have fluctuated around the 10-year average of 15.8% of fatal crashes. In 2014, older drivers were in nearly one-fifth (19.8%) of the fatal crashes.

Utah Crash Summary 2014

Trends

Fatal Crashes Involving Older Drivers (Utah 2005-2014)

Older Driver Crashes						
	Deaths			Fatal Crashes		
	All	Older Driver		All	Older Driver	
Year	#	#	%	#	#	%
2005	282	43	15.2%	235	36	15.3%
2006	287	42	14.6%	249	32	12.9%
2007	299	30	10.0%	260	28	10.8%
2008	276	44	15.9%	244	31	12.7%
2009	244	37	15.2%	217	33	15.2%
2010	253	51	20.2%	218	45	20.6%
2011	243	42	17.3%	224	38	17.0%
2012	217	27	12.4%	200	26	13.0%
2013	220	54	24.5%	202	46	22.8%
2014	256	48	18.8%	222	44	19.8%
Total	**2,577**	**418**	**16.2%**	**2,271**	**359**	**15.8%**
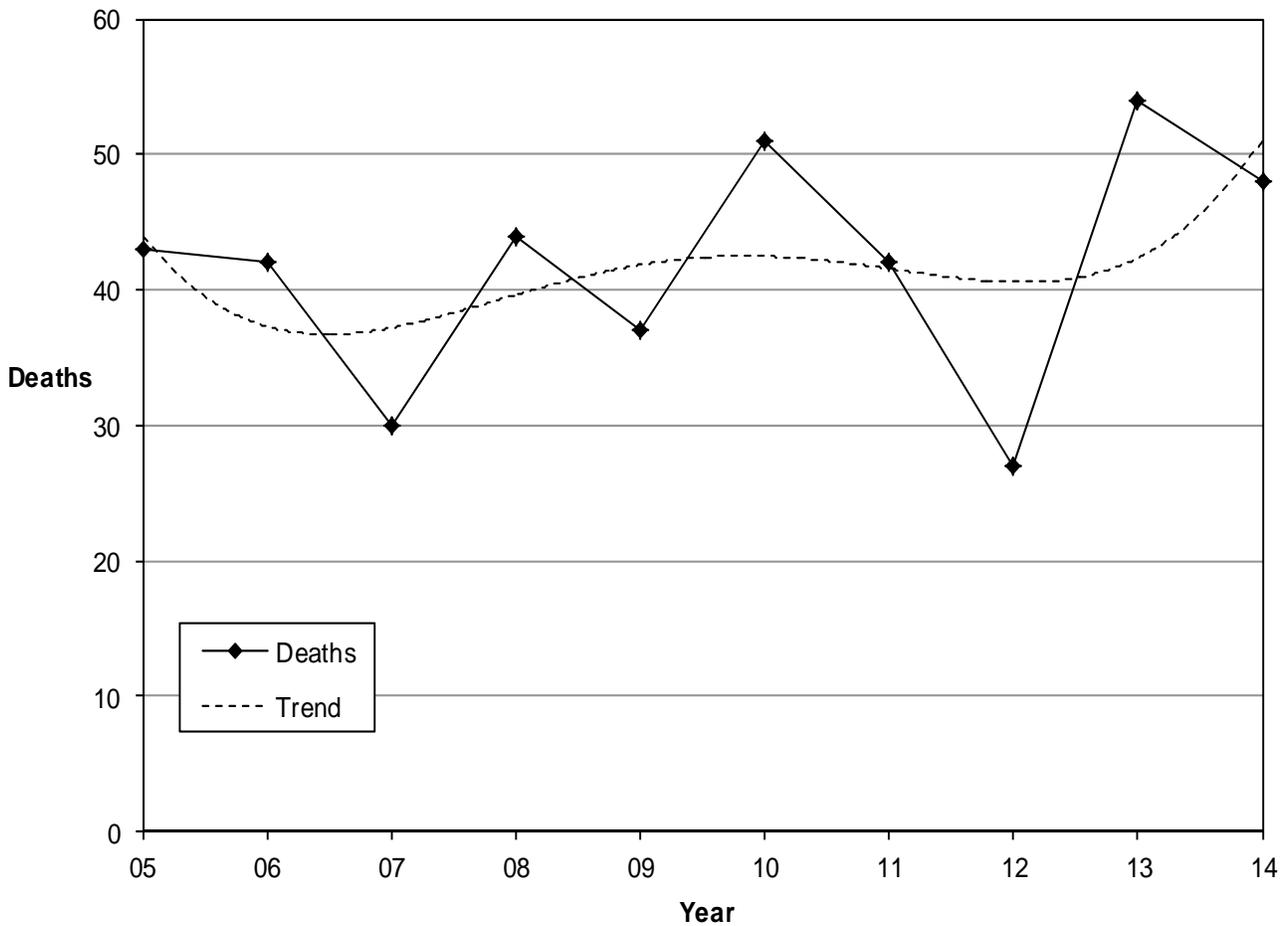
- Over the past 10 years, the percentage of deaths and fatal crashes involving older drivers has fluctuated around 16% of all deaths and fatal crashes.
- On average, 42 people die a year in Utah from crashes involving an older driver.

Utah Crash Summary 2014

Crash Conditions

Older Driver Crashes by County (Utah 2014)

County	PDO Crashes			Injury Crashes			Fatal Crashes			Total		
	All	**Older Driver**		**All**	**Older Driver**		**All**	**Older Driver**		**All**	**Older Driver**	
	#	#	%	#	#	%	#	#	%	#	#	%
Washington	1,468	356	24.3%	724	155	21.4%	18	8	44.4%	**2,210**	**519**	**23.5%**
Rich	41	10	24.4%	19	3	15.8%	2	0	0.0%	**62**	**13**	**21.0%**
Beaver	164	33	20.1%	57	9	15.8%	2	1	50.0%	**223**	**43**	**19.3%**
Sevier	228	43	18.9%	103	20	19.4%	2	1	50.0%	**333**	**64**	**19.2%**
Daggett	26	5	19.2%	7	1	14.3%	0	0	n/a	**33**	**6**	**18.2%**
Grand	140	23	16.4%	76	17	22.4%	4	0	0.0%	**220**	**40**	**18.2%**
Wayne	47	8	17.0%	18	3	16.7%	2	1	50.0%	**67**	**12**	**17.9%**
Carbon	275	50	18.2%	106	17	16.0%	3	0	0.0%	**384**	**67**	**17.4%**
Kane	151	26	17.2%	42	5	11.9%	2	1	50.0%	**195**	**32**	**16.4%**
Weber	2,559	386	15.1%	1,464	261	17.8%	14	6	42.9%	**4,037**	**653**	**16.2%**
Millard	237	41	17.3%	94	12	12.8%	3	1	33.3%	**334**	**54**	**16.2%**
Garfield	105	13	12.4%	39	8	20.5%	4	2	50.0%	**148**	**23**	**15.5%**
San Juan	208	29	13.9%	48	9	18.8%	3	0	0.0%	**259**	**38**	**14.7%**
Box Elder	715	103	14.4%	290	43	14.8%	12	2	16.7%	**1,017**	**148**	**14.6%**
Sanpete	243	32	13.2%	72	13	18.1%	3	1	33.3%	**318**	**46**	**14.5%**
Cache	1,321	179	13.6%	475	70	14.7%	12	4	33.3%	**1,808**	**253**	**14.0%**
Iron	594	77	13.0%	246	38	15.4%	3	0	0.0%	**843**	**115**	**13.6%**
Juab	192	23	12.0%	62	11	17.7%	2	0	0.0%	**256**	**34**	**13.3%**
Tooele	715	97	13.6%	277	35	12.6%	11	1	9.1%	**1,003**	**133**	**13.3%**
Davis	3,135	410	13.1%	1,544	204	13.2%	10	3	30.0%	**4,689**	**617**	**13.2%**
Salt Lake	17,274	2,075	12.0%	7,501	1,011	13.5%	58	8	13.8%	**24,833**	**3,094**	**12.5%**
Emery	154	15	9.7%	64	11	17.2%	2	1	50.0%	**220**	**27**	**12.3%**
Utah	4,976	554	11.1%	2,448	343	14.0%	20	1	5.0%	**7,444**	**898**	**12.1%**
Uintah	449	50	11.1%	125	19	15.2%	7	0	0.0%	**581**	**69**	**11.9%**
Duchesne	326	34	10.4%	128	16	12.5%	9	1	11.1%	**463**	**51**	**11.0%**
Summit	1,029	113	11.0%	223	20	9.0%	6	0	0.0%	**1,258**	**133**	**10.6%**
Piute	28	2	7.1%	12	2	16.7%	0	0	n/a	**40**	**4**	**10.0%**
Wasatch	449	42	9.4%	130	13	10.0%	5	1	20.0%	**584**	**56**	**9.6%**
Morgan	139	9	6.5%	32	3	9.4%	3	0	0.0%	**174**	**12**	**6.9%**
Statewide	**37,388**	**4,838**	**12.9%**	**16,426**	**2,372**	**14.4%**	**222**	**44**	**19.8%**	**54,036**	**7,254**	**13.4%**

- Overall, Washington (23.5%), Rich (21.0%), and Beaver (19.3%) counties had the highest percentages of crashes involving an older driver.
- Salt Lake and Washington counties had the highest amount of fatal crashes involving an older driver.
- Overall, Morgan (6.9%), Wasatch (9.6%), and Piute (10.0%) counties had the lowest percentages of crashes involving an older driver.
- Statewide, older driver crashes represented 13.4% of all crashes and 19.8% of all fatal crashes.

Crash Conditions

Gender of Older Drivers in Crashes (Utah 2014)

|		Older (Age 65+) Drivers						
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Gender	#	%	#	%	#	%	#	%
Male	3,073	60.4%	1,465	58.3%	37	80.4%	**4,575**	**59.8%**
Female	1,998	39.3%	1,047	41.6%	9	19.6%	**3,054**	**39.9%**
Unknown	14	0.3%	3	0.1%	0	0.0%	**17**	**0.2%**
Total	**5,085**	**100.0%**	**2,515**	**100.0%**	**46**	**100.0%**	**7,646**	**100.0%**

- The majority of older drivers in all motor vehicle crashes (59.8%) and fatal crashes (80.4%) were male.

Age of Older Drivers in Crashes (Utah 2014)

|												
	Older (Age 65+) Drivers											
	PDO Crashes			Injury Crashes			Fatal Crashes			Total		
Age	#	%	Rate per 1,000 Drivers	#	%	Rate per 1,000 Drivers	#	%	Rate per 1,000 Drivers	#	%	Rate per 1,000 Drivers
65	501	9.9%	24.0	212	8.4%	10.2	3	6.5%	0.144	**716**	**9.4%**	**34.3**
66	456	9.0%	22.3	204	8.1%	10.0	1	2.2%	0.049	**661**	**8.6%**	**32.3**
67	431	8.5%	20.7	232	9.2%	11.2	7	15.2%	0.337	**670**	**8.8%**	**32.2**
68	305	6.0%	17.4	171	6.8%	9.7	1	2.2%	0.057	**477**	**6.2%**	**27.1**
69	327	6.4%	22.2	167	6.6%	11.3	1	2.2%	0.068	**495**	**6.5%**	**33.5**
70	309	6.1%	20.9	137	5.4%	9.3	1	2.2%	0.068	**447**	**5.8%**	**30.2**
71	316	6.2%	20.5	144	5.7%	9.3	5	10.9%	0.324	**465**	**6.1%**	**30.2**
72	245	4.8%	17.4	130	5.2%	9.2	2	4.3%	0.142	**377**	**4.9%**	**26.7**
73	232	4.6%	19.0	101	4.0%	8.3	3	6.5%	0.245	**336**	**4.4%**	**27.5**
74	204	4.0%	17.9	118	4.7%	10.4	2	4.3%	0.176	**324**	**4.2%**	**28.5**
75	195	3.8%	18.9	89	3.5%	8.6	4	8.7%	0.387	**288**	**3.8%**	**27.9**
76	174	3.4%	17.4	74	2.9%	7.4	3	6.5%	0.300	**251**	**3.3%**	**25.1**
77	169	3.3%	18.4	108	4.3%	11.8	0	0.0%	0.000	**277**	**3.6%**	**30.2**
78	152	3.0%	17.6	75	3.0%	8.7	1	2.2%	0.116	**228**	**3.0%**	**26.4**
79	143	2.8%	17.8	63	2.5%	7.9	2	4.3%	0.249	**208**	**2.7%**	**25.9**
80	125	2.5%	16.6	72	2.9%	9.6	0	0.0%	0.000	**197**	**2.6%**	**26.2**
81	135	2.7%	20.8	66	2.6%	10.2	1	2.2%	0.154	**202**	**2.6%**	**31.1**
82	100	2.0%	16.4	59	2.3%	9.7	3	6.5%	0.491	**162**	**2.1%**	**26.5**
83	96	1.9%	16.7	54	2.1%	9.4	1	2.2%	0.174	**151**	**2.0%**	**26.3**
84	88	1.7%	16.7	49	1.9%	9.3	1	2.2%	0.189	**138**	**1.8%**	**26.1**
85	93	1.8%	21.2	34	1.4%	7.7	1	2.2%	0.228	**128**	**1.7%**	**29.1**
86	69	1.4%	17.4	37	1.5%	9.3	0	0.0%	0.000	**106**	**1.4%**	**26.7**
87	58	1.1%	17.1	35	1.4%	10.3	1	2.2%	0.296	**94**	**1.2%**	**27.8**
88	50	1.0%	18.0	19	0.8%	6.8	0	0.0%	0.000	**69**	**0.9%**	**24.8**
89	24	0.5%	10.6	16	0.6%	7.1	0	0.0%	0.000	**40**	**0.5%**	**17.7**
90	21	0.4%	11.5	15	0.6%	8.2	0	0.0%	0.000	**36**	**0.5%**	**19.7**
91	18	0.4%	12.4	10	0.4%	6.9	1	2.2%	0.691	**29**	**0.4%**	**20.0**
92	15	0.3%	14.5	14	0.6%	13.5	0	0.0%	0.000	**29**	**0.4%**	**28.0**
93	14	0.3%	17.2	6	0.2%	7.4	1	2.2%	1.227	**21**	**0.3%**	**25.8**
94	10	0.2%	17.6	3	0.1%	5.3	0	0.0%	0.000	**13**	**0.2%**	**22.8**
95+	10	0.2%	10.6	1	0.0%	1.1	0	0.0%	0.000	**11**	**0.1%**	**11.7**
Total	**5,085**	**100.0%**	**19.3**	**2,515**	**100.0%**	**9.6**	**46**	**100.0%**	**0.175**	**7,646**	**100.0%**	**29.1**

Crash Conditions

Crash Rate of Licensed Drivers by Age (Utah 2014)
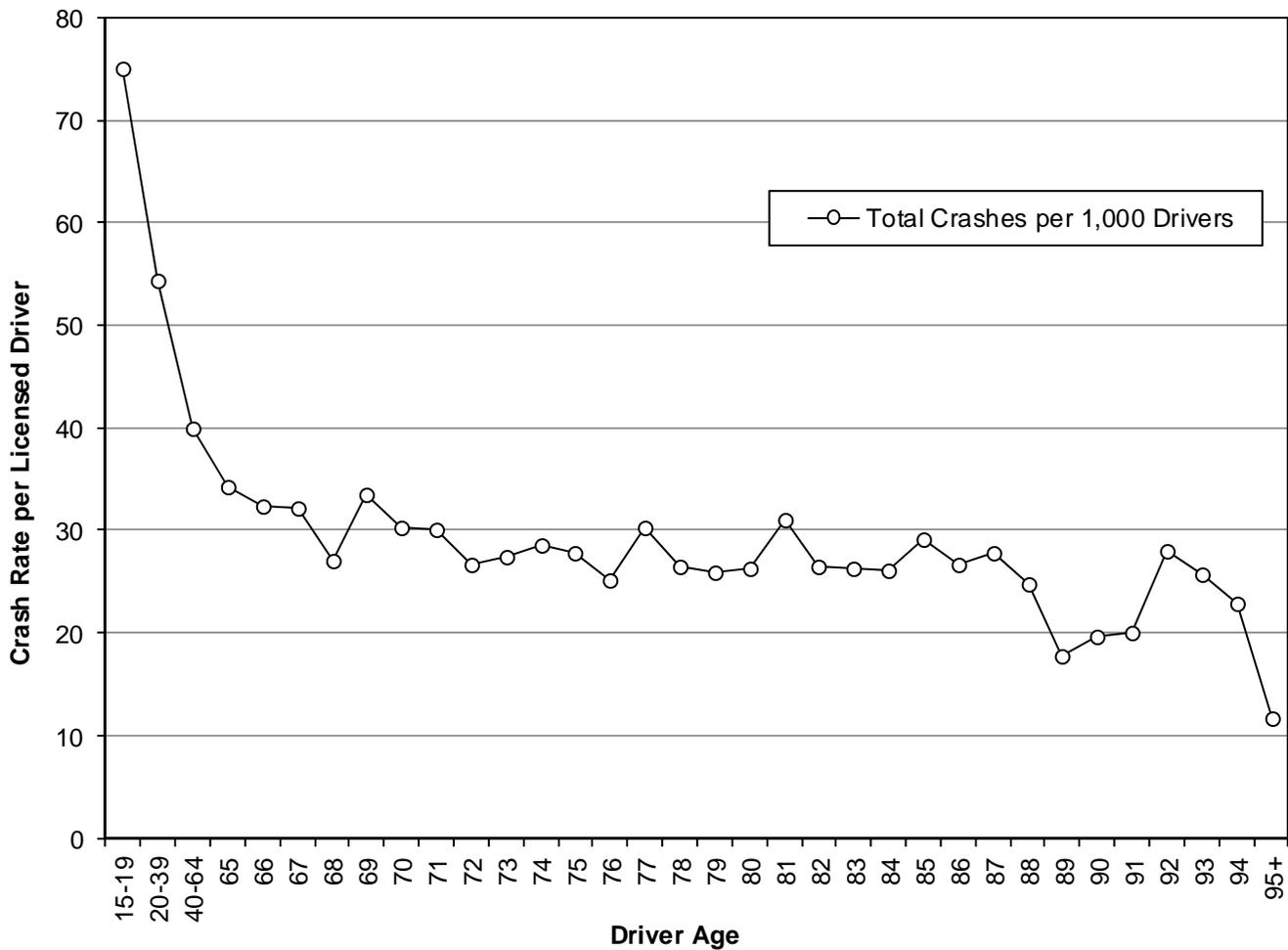
- The older the driver the less likely they were to be in a crash per licensed driver.
- Older drivers had the lowest crash rate per licensed driver.

Older Driver Crash Severity (Utah 2014)
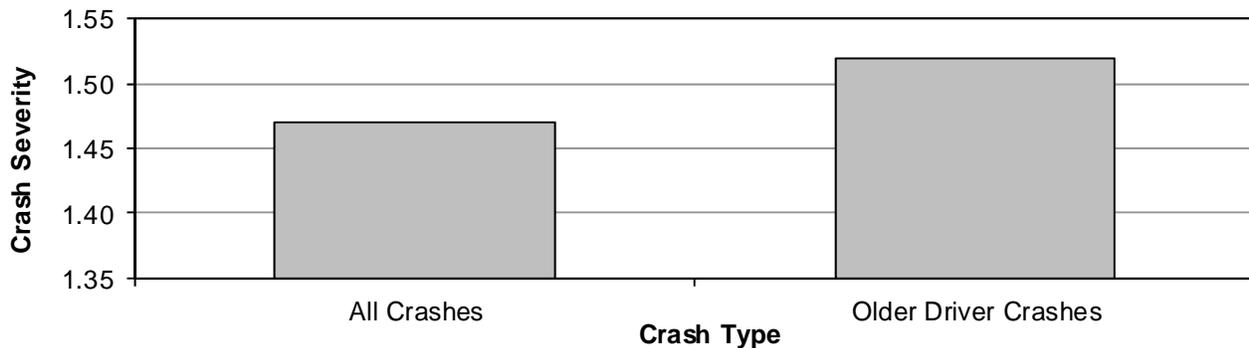
- Older driver crashes were 14% more likely to result in injury or death compared to all other crashes.
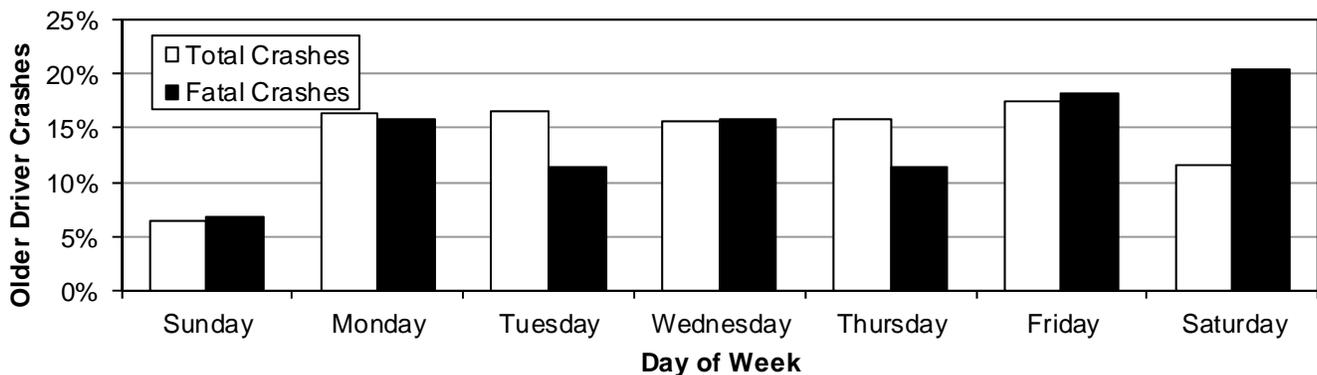
Utah Crash Summary 2014

Crash Conditions

Older Driver Crashes by Month (Utah 2014)

	Older (Age 65+) Driver Crashes							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Month	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day
January	398	12.8	142	4.6	1	0.03	**541**	**17.5**
February	324	11.6	134	4.8	1	0.04	**459**	**16.4**
March	370	11.9	178	5.7	2	0.06	**550**	**17.7**
April	391	13.0	166	5.5	3	0.10	**560**	**18.7**
May	405	13.1	222	7.2	8	0.26	**635**	**20.5**
June	382	12.7	216	7.2	8	0.27	**606**	**20.2**
July	358	11.5	216	7.0	6	0.19	**580**	**18.7**
August	391	12.6	229	7.4	2	0.06	**622**	**20.1**
September	425	14.2	244	8.1	7	0.23	**676**	**22.5**
October	475	15.3	221	7.1	5	0.16	**701**	**22.6**
November	443	14.8	167	5.6	0	0.00	**610**	**20.3**
December	476	15.4	237	7.6	1	0.03	**714**	**23.0**
Total	**4,838**	**13.3**	**2,372**	**6.5**	**44**	**0.12**	**7,254**	**19.9**

- Overall, December (23.0) and October (22.6) had the highest rates per day for older driver crashes.
- The highest rate per day of fatal older driver crashes occurred in June and May.

Older Driver Crashes by Day of Week (Utah 2014)

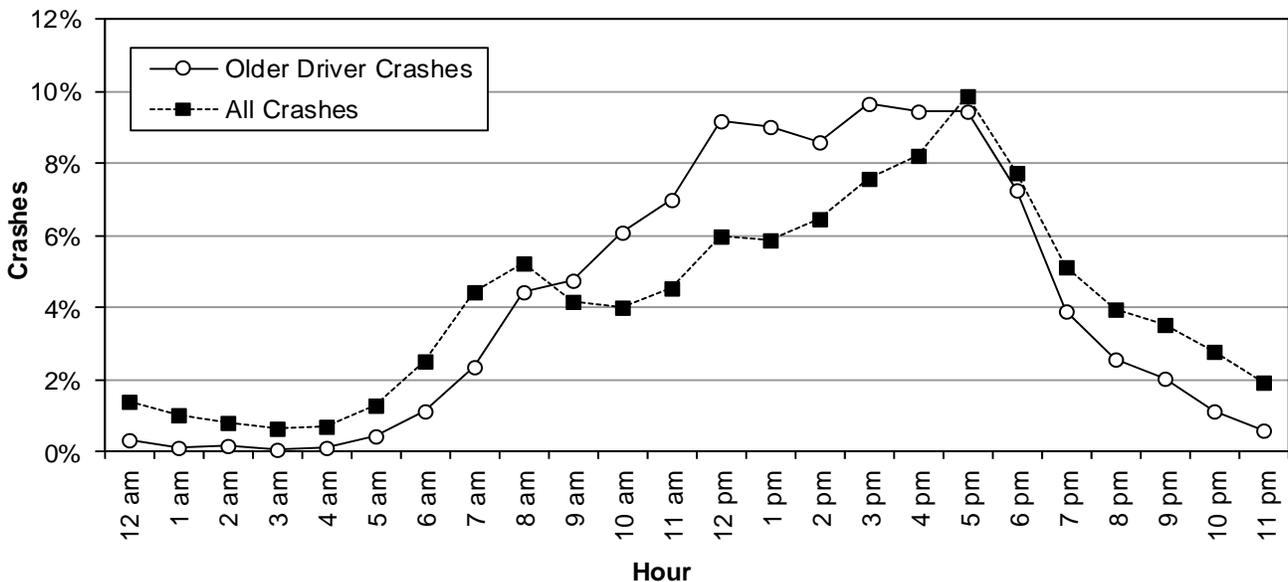|	Older (Age 65+) Driver Crashes							
Day of Week	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Sunday	311	6.4%	147	6.2%	3	6.8%	**461**	**6.4%**
Monday	811	16.8%	370	15.6%	7	15.9%	**1,188**	**16.4%**
Tuesday	783	16.2%	415	17.5%	5	11.4%	**1,203**	**16.6%**
Wednesday	772	16.0%	363	15.3%	7	15.9%	**1,142**	**15.7%**
Thursday	757	15.6%	387	16.3%	5	11.4%	**1,149**	**15.8%**
Friday	847	17.5%	411	17.3%	8	18.2%	**1,266**	**17.5%**
Saturday	557	11.5%	279	11.8%	9	20.5%	**845**	**11.6%**
Total	**4,838**	**100.0%**	**2,372**	**100.0%**	**44**	**100.0%**	**7,254**	**100.0%**

- Overall, the highest percentage of older driver crashes occurred on Friday (17.5%).
- The highest percentage of fatal older driver crashes occurred on Saturday (20.5%).

Utah Crash Summary 2014

Crash Conditions

Older Driver Crashes by Hour (Utah 2014)

|	Older (Age 65+) Driver Crashes							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Hour	#	%	#	%	#	%	#	%
Midnight	15	0.3%	10	0.4%	0	0.0%	25	0.3%
1 a.m.	7	0.1%	3	0.1%	0	0.0%	10	0.1%
2 a.m.	6	0.1%	6	0.3%	1	2.3%	13	0.2%
3 a.m.	3	0.1%	4	0.2%	0	0.0%	7	0.1%
4 a.m.	10	0.2%	1	0.0%	0	0.0%	11	0.2%
5 a.m.	25	0.5%	7	0.3%	0	0.0%	32	0.4%
6 a.m.	58	1.2%	23	1.0%	0	0.0%	81	1.1%
7 a.m.	110	2.3%	58	2.4%	2	4.5%	170	2.3%
8 a.m.	230	4.8%	88	3.7%	3	6.8%	321	4.4%
9 a.m.	235	4.9%	109	4.6%	0	0.0%	344	4.7%
10 a.m.	311	6.4%	129	5.4%	2	4.5%	442	6.1%
11 a.m.	311	6.4%	193	8.1%	4	9.1%	508	7.0%
Noon	467	9.7%	195	8.2%	4	9.1%	666	9.2%
1 p.m.	450	9.3%	200	8.4%	5	11.4%	655	9.0%
2 p.m.	424	8.8%	200	8.4%	1	2.3%	625	8.6%
3 p.m.	451	9.3%	248	10.5%	2	4.5%	701	9.7%
4 p.m.	433	8.9%	247	10.4%	4	9.1%	684	9.4%
5 p.m.	467	9.7%	216	9.1%	3	6.8%	686	9.5%
6 p.m.	354	7.3%	169	7.1%	4	9.1%	527	7.3%
7 p.m.	180	3.7%	102	4.3%	3	6.8%	285	3.9%
8 p.m.	117	2.4%	70	3.0%	1	2.3%	188	2.6%
9 p.m.	93	1.9%	50	2.1%	4	9.1%	147	2.0%
10 p.m.	59	1.2%	22	0.9%	1	2.3%	82	1.1%
11 p.m.	22	0.5%	22	0.9%	0	0.0%	44	0.6%
Total	**4,838**	**100.0%**	**2,372**	**100.0%**	**44**	**100.0%**	**7,254**	**100.0%**

- Older driver total crashes were highest from 12:00 p.m. to 5:59 p.m.
- Compared to all crashes, older driver crashes occurred more often in the daytime (10:00 a.m.-4:59 p.m.).

Utah Crash Summary 2014
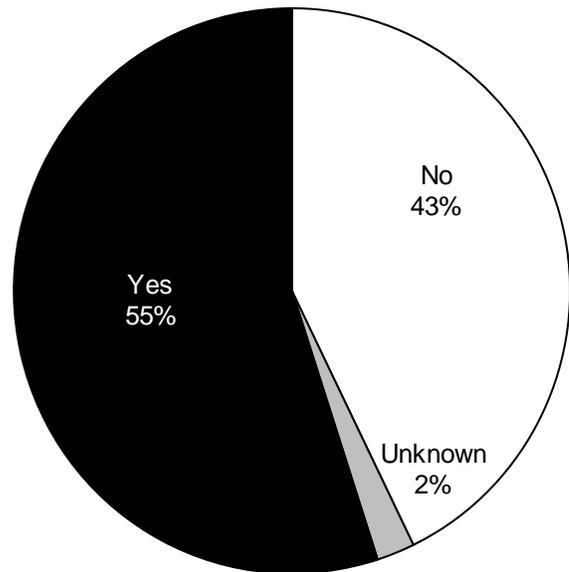
Crash Conditions

Older Drivers with Contributing Factors in Crashes (Utah 2014)

Older (Age 65+) Drivers/Vehicles								
Driver/Vehicle with a Contributing Factor(s)	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Yes	2,774	54.6%	1,406	55.9%	24	52.2%	**4,204**	**55.0%**
No	2,188	43.0%	1,064	42.3%	21	45.7%	**3,273**	**42.8%**
Unknown	123	2.4%	45	1.8%	1	2.2%	**169**	**2.2%**
Total	**5,085**	**100.0%**	**2,515**	**100.0%**	**46**	**100.0%**	**7,646**	**100.0%**

All Drivers

No 44%

Yes 53%

Unknown 3%

Older Drivers

No 43%

Yes 55%

Unknown 2%
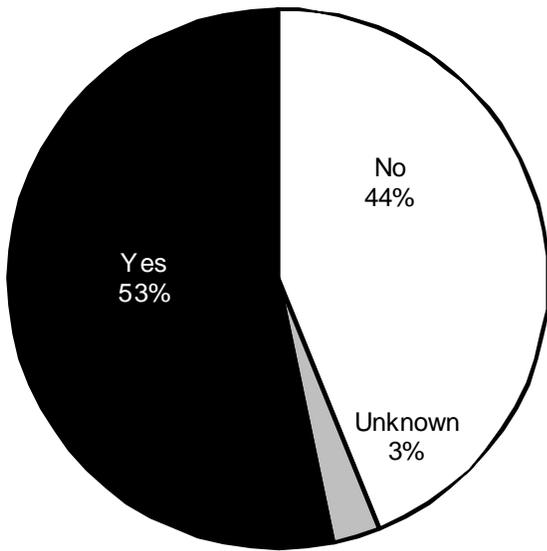
- Some form of poor driver performance is present in the majority of crashes.
- 55.0% of older drivers had a contributing factor in total crashes.
- Older drivers had a contributing factor in a crash about the same as all drivers.

Crash Conditions

Contributing Factors of Older Driver Crashes (Utah 2014)

Contributing Factors	PDO Crashes #	PDO Crashes %	Injury Crashes #	Injury Crashes %	Fatal Crashes #	Fatal Crashes %	Total #	Total %
Disregard Road Markings	10	0.3%	2	0.1%	0	0.0%	12	0.2%
Disregard Traffic Signal/Sign	166	4.2%	172	8.1%	1	2.6%	339	5.6%
Driver Asleep/Fatigue	50	1.3%	52	2.4%	0	0.0%	102	1.7%
Driver Distraction	186	4.8%	111	5.2%	1	2.6%	298	4.9%
Driver Emotional Prior to Crash	25	0.6%	3	0.1%	0	0.0%	28	0.5%
Driver Illness/Medical	33	0.8%	58	2.7%	3	7.7%	94	1.5%
Driving Under the Influence	25	0.6%	16	0.7%	1	2.6%	42	0.7%
Failed to Keep in Proper Lane	337	8.6%	165	7.7%	10	25.6%	512	8.4%
Failed to Yield Right of Way	787	20.1%	514	24.1%	8	20.5%	1,309	21.5%
Followed Too Closely	380	9.7%	244	11.4%	0	0.0%	624	10.3%
Hit and Run	62	1.6%	19	0.9%	0	0.0%	81	1.3%
Improper Backing	264	6.8%	19	0.9%	0	0.0%	283	4.7%
Improper Lane Change	204	5.2%	43	2.0%	1	2.6%	248	4.1%
Improper Parking/Stopping	101	2.6%	25	1.2%	0	0.0%	126	2.1%
Improper Passing	22	0.6%	6	0.3%	0	0.0%	28	0.5%
Improper Signal	10	0.3%	2	0.1%	0	0.0%	12	0.2%
Improper Turn	268	6.9%	99	4.6%	0	0.0%	367	6.0%
Other Driver Condition	46	1.2%	23	1.1%	0	0.0%	69	1.1%
Other Improper Driving	241	6.2%	123	5.8%	0	0.0%	364	6.0%
Overcorrected	44	1.1%	40	1.9%	4	10.3%	88	1.4%
Ran Off Road	75	1.9%	52	2.4%	0	0.0%	127	2.1%
Reckless/Aggressive Driving	2	0.1%	7	0.3%	0	0.0%	9	0.1%
Speed Too Fast	173	4.4%	97	4.5%	3	7.7%	273	4.5%
Swerved or Evasive Action	35	0.9%	27	1.3%	2	5.1%	64	1.1%
Vehicle Brakes	27	0.7%	16	0.7%	0	0.0%	43	0.7%
Vehicle Cargo	17	0.4%	0	0.0%	0	0.0%	17	0.3%
Vehicle Other Defective Condition	42	1.1%	14	0.7%	0	0.0%	56	0.9%
Vehicle Tires	13	0.3%	5	0.2%	0	0.0%	18	0.3%
Vision Obscured by Building, Sign, etc.	8	0.2%	8	0.4%	0	0.0%	16	0.3%
Vision Obscured by Glare	40	1.0%	26	1.2%	2	5.1%	68	1.1%
Vision Obscured by Moving Vehicle	30	0.8%	27	1.3%	1	2.6%	58	1.0%
Vision Obscured by Other	28	0.7%	22	1.0%	1	2.6%	51	0.8%
Vision Obscured by Parked Vehicle	31	0.8%	9	0.4%	0	0.0%	40	0.7%
Vision Obscured by Vegetation	6	0.2%	10	0.5%	0	0.0%	16	0.3%
Vision Obscured by Weather Condition	105	2.7%	54	2.5%	0	0.0%	159	2.6%
Windshield or Other Window Obscured	7	0.2%	1	0.0%	0	0.0%	8	0.1%
Wrong Side/Wrong Way	9	0.2%	23	1.1%	1	2.6%	33	0.5%
Total	**3,909**	**100.0%**	**2,134**	**100.0%**	**39**	**100.0%**	**6,082**	**100.0%**

- Some form of poor driver performance is present in the majority of crashes. The leading contributing factors for all older driver crashes were failed to yield right of way (21.5%), followed too closely (10.3%), and failed to keep in proper lane (8.4%).
- The leading contributing factors in fatal older driver crashes were failed to keep in proper lane (25.6%) and failed too yield right of way (20.5%).
- Compared to drivers of all ages, older drivers were more likely to have a contributing factor of failure to yield right of way, improper turn, disregard traffic signal/sign, improper lane change, and improper backing.

Utah Crash Summary 2014