Pedestrians

Section 11: Pedestrians

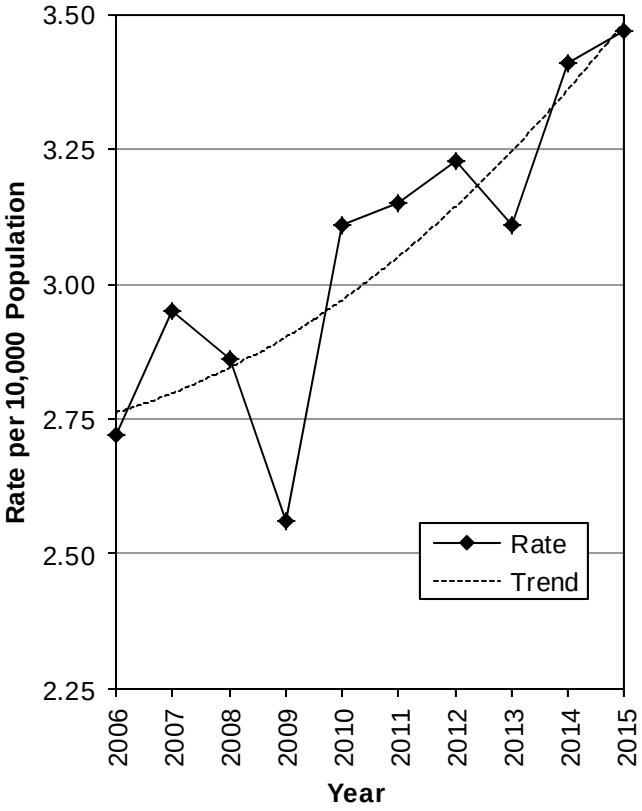
2015

Trends

Pedestrians in Crashes (Utah 2006-2015)

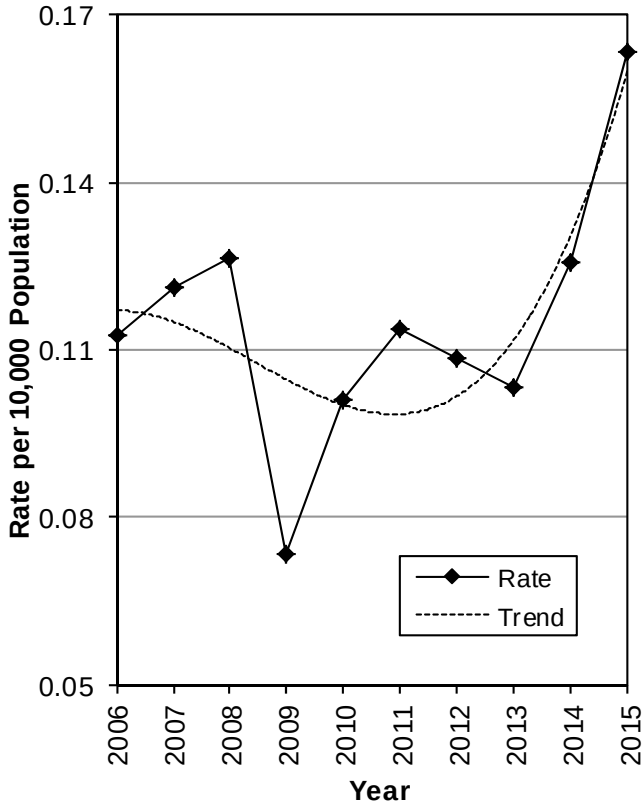
Pedestrians								
	Non-Injured		Injured		Killed		Total	
Year	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.
2006	55	0.21	617	2.39	29	0.113	**701**	**2.72**
2007	65	0.25	681	2.58	32	0.121	**778**	**2.95**
2008	97	0.36	638	2.37	34	0.126	**769**	**2.86**
2009	65	0.24	613	2.24	20	0.073	**698**	**2.56**
2010	76	0.27	759	2.74	28	0.101	**863**	**3.11**
2011	84	0.30	770	2.74	32	0.114	**886**	**3.15**
2012	78	0.27	813	2.85	31	0.109	**922**	**3.23**
2013	90	0.31	783	2.70	30	0.103	**903**	**3.11**
2014	94	0.32	872	2.96	37	0.126	**1,003**	**3.41**
2015	90	0.30	901	3.01	49	0.164	**1,040**	**3.47**
Total	**794**	**0.28**	**7,447**	**2.67**	**322**	**0.115**	**8,563**	**3.07**

Pedestrian Crash Rates Per Population (Utah 2006-2015)



- The total rate per population of pedestrians in crashes increased 28% from 2006 to 2015.
- 2015 had the highest rate per population of total pedestrians in crashes in the last 10 years. 2009 had the lowest rate.

Pedestrian Death Rates Per Population (Utah 2006-2015)



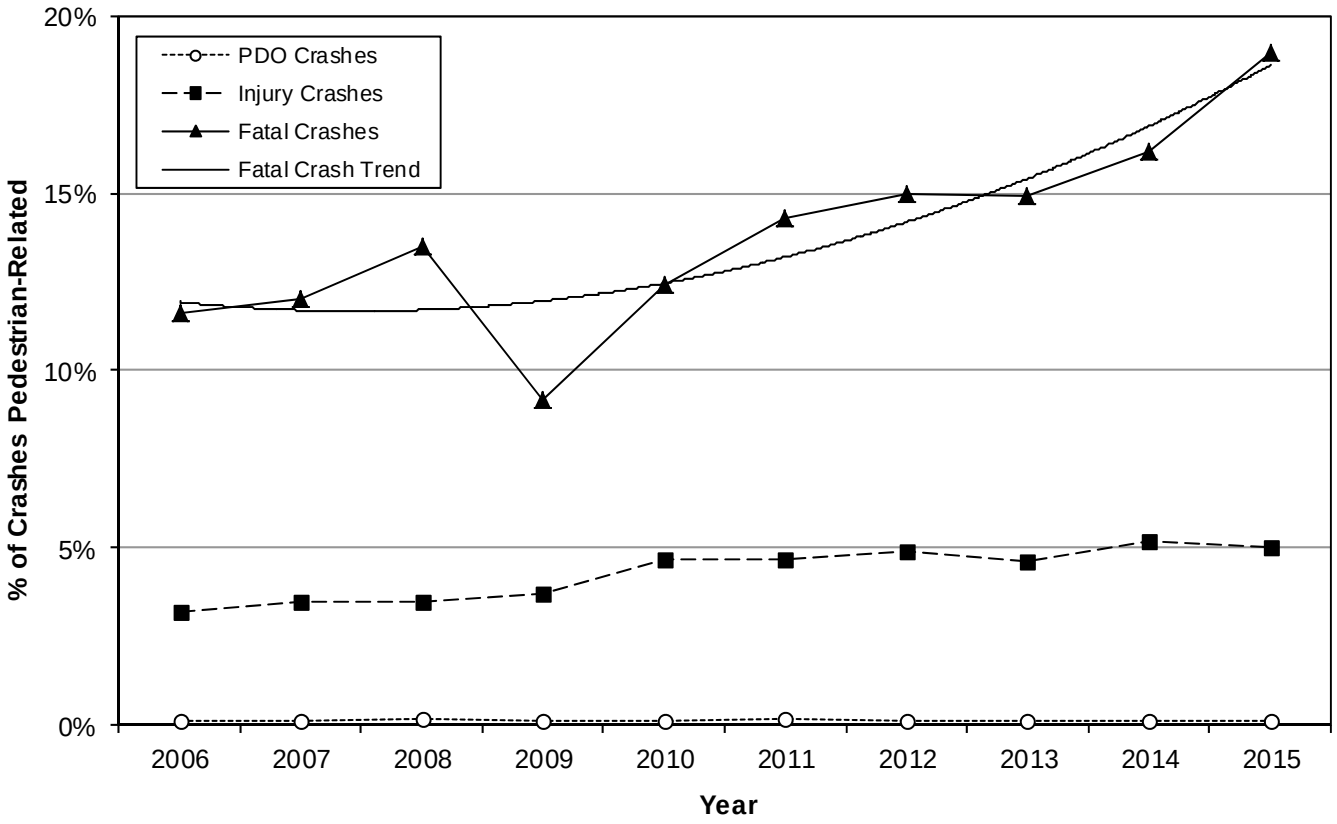
- The pedestrian death rate per population increased 45% from 2006 to 2015.
- 2015 had the highest rate per population of pedestrians killed in crashes (0.164), while 2009 had the lowest rate (0.073).

Trends

Pedestrian-Motor Vehicle Crashes (Utah 2006-2015)

Pedestrian-Motor Vehicle Crashes												
	Property Damage Only			Injury			Fatal			Total		
	All	Pedestrian		All	Pedestrian		All	Pedestrian		All	Pedestrian	
Year	#	#	%	#	#	%	#	#	%	#	#	%
2006	37,749	33	0.1%	18,189	580	3.2%	249	29	11.6%	**56,187**	**642**	**1.1%**
2007	42,368	40	0.1%	18,619	653	3.5%	258	31	12.0%	**61,245**	**724**	**1.2%**
2008	38,997	63	0.2%	17,125	605	3.5%	245	33	13.5%	**56,367**	**701**	**1.2%**
2009	35,398	43	0.1%	15,752	588	3.7%	217	20	9.2%	**51,367**	**651**	**1.3%**
2010	34,155	47	0.1%	14,995	707	4.7%	218	27	12.4%	**49,368**	**781**	**1.6%**
2011	36,418	56	0.2%	15,645	732	4.7%	224	32	14.3%	**52,287**	**820**	**1.6%**
2012	34,635	44	0.1%	15,765	779	4.9%	200	30	15.0%	**50,600**	**853**	**1.7%**
2013	39,301	50	0.1%	16,134	737	4.6%	202	30	14.9%	**55,637**	**817**	**1.5%**
2014	37,388	54	0.1%	16,426	855	5.2%	222	36	16.2%	**54,036**	**945**	**1.7%**
2015	42,089	40	0.1%	17,665	876	5.0%	258	49	19.0%	**60,012**	**965**	**1.6%**
Total	**378,498**	**470**	**0.1%**	**166,315**	**7,112**	**4.3%**	**2,293**	**317**	**13.8%**	**547,106**	**7,899**	**1.4%**

Percent of Crashes Pedestrian-Related (Utah 2006-2015)

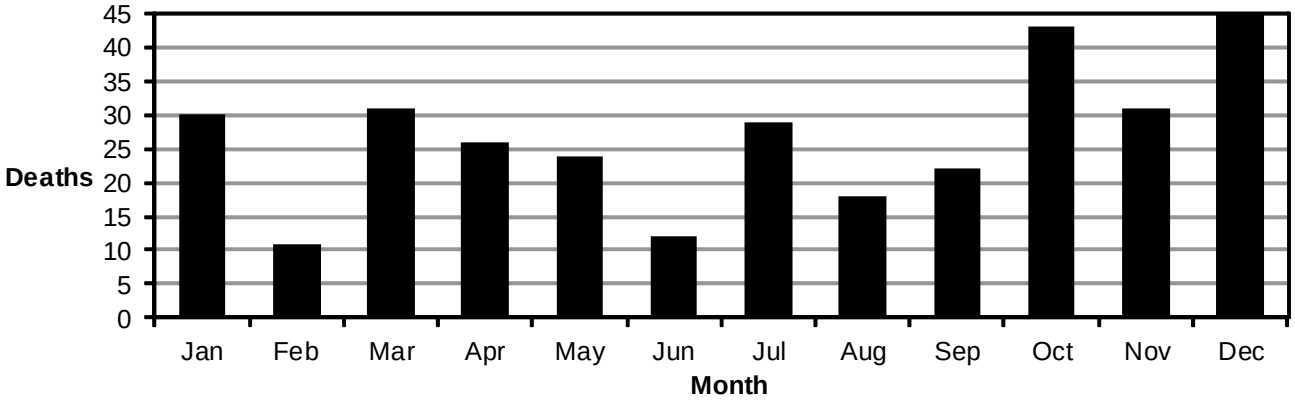


- The 10-year trend shows that pedestrian-motor vehicle crashes represent 0.1% of property damage only crashes, 4.3% of injury crashes, and 13.8% of fatal crashes.
- Pedestrians are over-represented in fatal crashes accounting for 13.8% of fatal crashes compared to 1.4% of total crashes.
- The percent of injury crashes with a pedestrian has been increasing over the past 10 years.
- During the last 10 years, the highest percent of fatal crashes involving pedestrians occurred in 2015 (19.0%).

Trends

Pedestrian Deaths by Month (Utah 2006-2015)

Deaths												
	Year										Total	
Month	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	#	%
January	4	5	5	1	2	3	0	0	5	5	**30**	**9.3%**
February	1	1	0	2	1	0	2	1	0	3	**11**	**3.4%**
March	5	2	2	2	1	2	5	5	6	1	**31**	**9.6%**
April	2	4	1	2	3	1	3	3	5	2	**26**	**8.1%**
May	0	2	2	4	4	0	2	0	4	6	**24**	**7.5%**
June	1	1	0	0	1	3	0	1	1	4	**12**	**3.7%**
July	2	3	5	0	2	1	2	4	4	6	**29**	**9.0%**
August	1	0	5	1	0	3	1	2	0	5	**18**	**5.6%**
September	3	2	0	1	3	3	4	0	3	3	**22**	**6.8%**
October	4	3	3	3	3	5	6	4	5	7	**43**	**13.4%**
November	3	1	5	2	3	5	3	7	1	1	**31**	**9.6%**
December	3	8	6	2	5	6	3	3	3	6	**45**	**14.0%**
Total	**29**	**32**	**34**	**20**	**28**	**32**	**31**	**30**	**37**	**49**	**322**	**100.0%**



- Pedestrian-motor vehicle crash deaths were highest during the months of December and October over the past 10 years. Pedestrian deaths were lowest during the months of June and February.

Pedestrian Deaths by Day of Week (Utah 2006-2015)

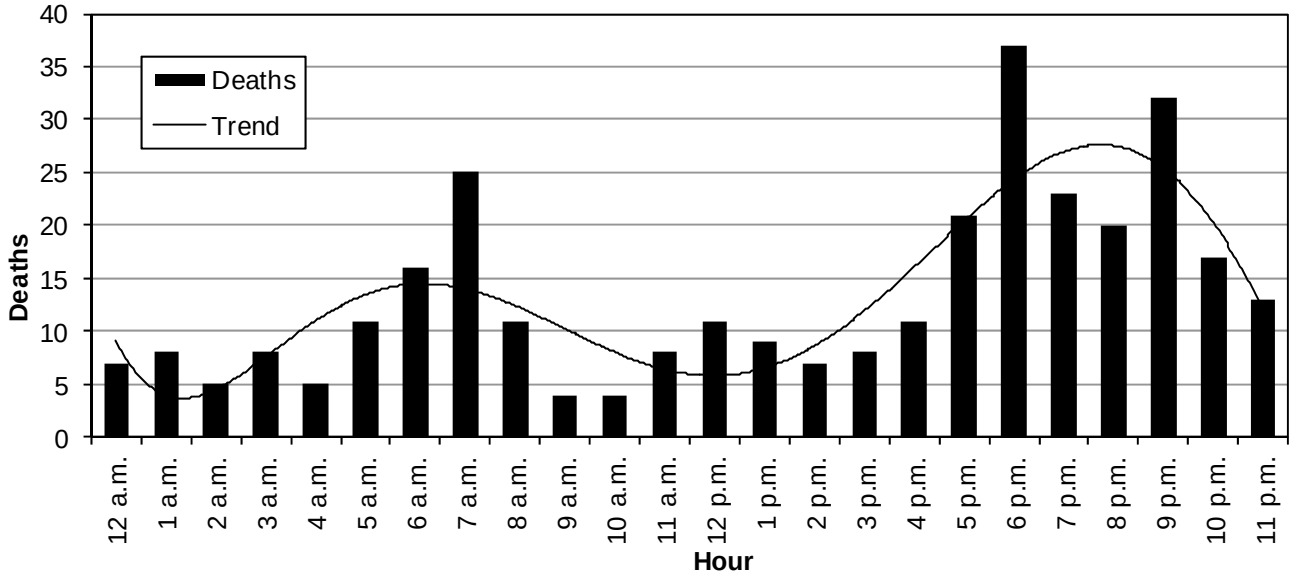
Deaths												
Day of	Year										Total	
Week	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	#	%
Sunday	1	5	2	4	7	1	4	3	3	4	**34**	**10.6%**
Monday	5	3	2	3	0	6	4	7	6	5	**41**	**12.7%**
Tuesday	7	6	12	4	4	6	6	3	3	3	**54**	**16.8%**
Wednesday	6	8	4	5	2	3	7	2	4	6	**47**	**14.6%**
Thursday	3	3	3	2	8	5	3	5	5	11	**48**	**14.9%**
Friday	4	1	5	1	3	4	1	4	7	11	**41**	**12.7%**
Saturday	3	6	6	1	4	7	6	6	9	9	**57**	**17.7%**
Total	**29**	**32**	**34**	**20**	**28**	**32**	**31**	**30**	**37**	**49**	**322**	**100.0%**

- Pedestrian-motor vehicle crash deaths were highest on Tuesday and Saturday over the past 10 years.
- Pedestrian-motor vehicle crash deaths were lowest on Sunday, Monday, and Friday over the past 10 years.

Trends

Pedestrian Deaths by Hour (Utah 2006-2015)

Deaths												
	Year										Total	
Hour	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	#	%
Midnight	0	2	0	0	1	0	2	0	0	2	**7**	**2.2%**
1 a.m.	1	1	0	0	1	3	0	1	1	0	**8**	**2.5%**
2 a.m.	1	1	0	0	0	0	2	0	1	0	**5**	**1.6%**
3 a.m.	0	0	1	0	1	1	0	1	3	1	**8**	**2.5%**
4 a.m.	0	0	1	1	0	1	0	0	0	2	**5**	**1.6%**
5 a.m.	1	1	1	1	2	2	0	1	0	2	**11**	**3.4%**
6 a.m.	2	2	0	1	1	1	1	1	4	3	**16**	**5.0%**
7 a.m.	3	2	3	1	4	2	4	0	3	3	**25**	**7.8%**
8 a.m.	0	1	2	1	0	3	0	1	1	2	**11**	**3.4%**
9 a.m.	0	0	0	1	0	0	0	1	0	2	**4**	**1.2%**
10 a.m.	0	1	1	0	0	0	1	0	0	1	**4**	**1.2%**
11 a.m.	1	1	3	3	0	0	0	0	0	0	**8**	**2.5%**
Noon	1	3	0	1	2	2	0	1	0	1	**11**	**3.4%**
1 p.m.	2	0	2	0	0	0	1	1	2	1	**9**	**2.8%**
2 p.m.	0	1	1	1	3	0	0	1	0	0	**7**	**2.2%**
3 p.m.	2	0	1	2	0	1	1	0	1	0	**8**	**2.5%**
4 p.m.	1	1	0	2	0	0	3	1	2	1	**11**	**3.4%**
5 p.m.	1	3	3	0	1	3	2	3	2	3	**21**	**6.5%**
6 p.m.	5	2	6	1	3	4	3	5	3	5	**37**	**11.5%**
7 p.m.	5	2	0	2	3	3	0	3	1	4	**23**	**7.2%**
8 p.m.	0	2	2	1	3	2	5	1	2	2	**20**	**6.2%**
9 p.m.	1	0	6	0	2	2	4	5	3	9	**32**	**10.0%**
10 p.m.	1	2	1	1	1	0	2	1	4	4	**17**	**5.3%**
11 p.m.	1	4	0	0	0	2	0	2	3	1	**13**	**4.0%**
Total	**29**	**32**	**34**	**20**	**28**	**32**	**31**	**30**	**36**	**49**	**321**	**100.0%**



- Pedestrian-motor vehicle crash deaths were highest during the hours of 6 p.m., 9 p.m., and 7 a.m.
- Pedestrian-motor vehicle crash deaths were lowest during the hours of 9 a.m., 10 a.m., 2 a.m., and 4 a.m.

Trends

Pedestrians in Crashes by County (Utah 2006-2015)

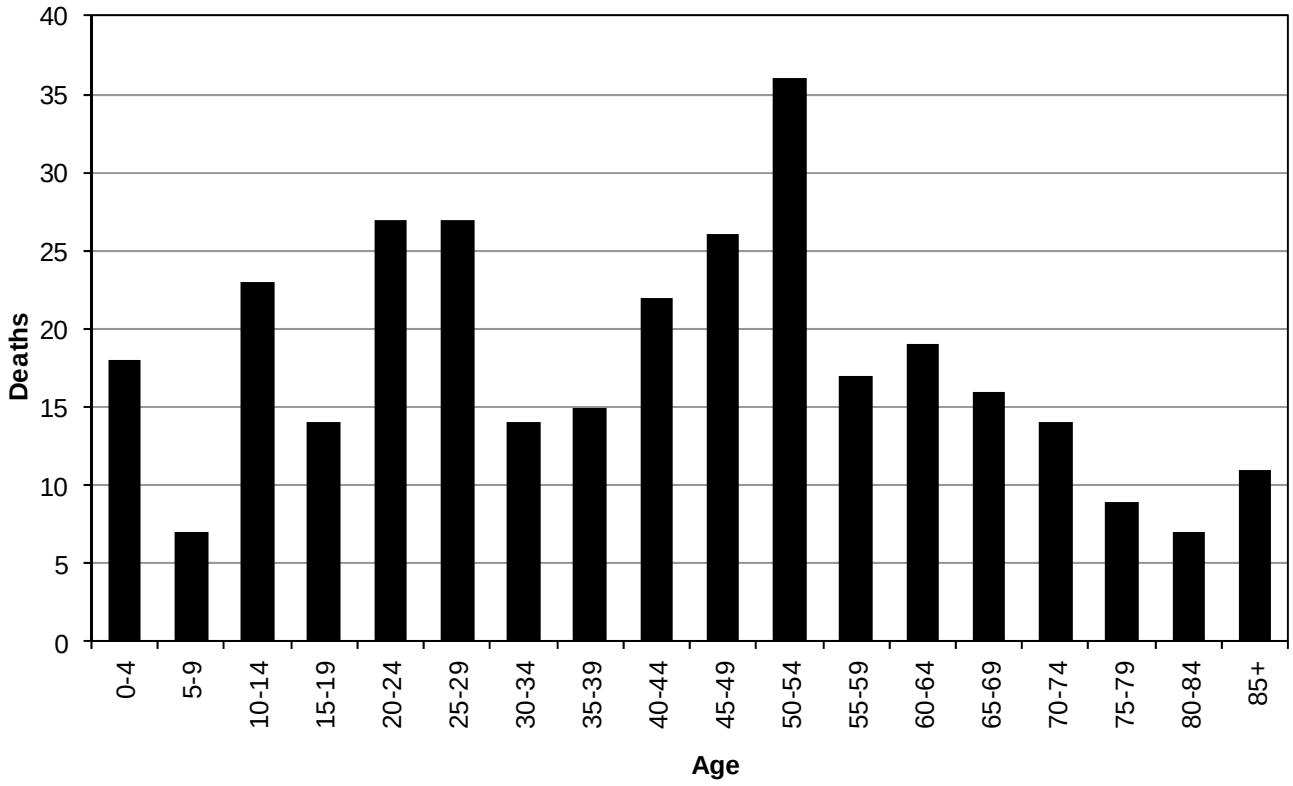
Pedestrians													
	Year										Total		Rate per Year per 10,000
County	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	#	%	Population
Grand	7	2	4	4	2	3	4	5	2	7	**40**	**0.5%**	**4.20**
Salt Lake	372	363	384	371	438	431	476	479	499	528	**4,341**	**50.7%**	**3.92**
Weber	55	70	70	61	84	76	81	87	102	104	**790**	**9.2%**	**3.24**
Carbon	4	8	6	7	2	9	6	10	7	4	**63**	**0.7%**	**3.08**
Summit	7	7	10	7	12	14	4	10	17	11	**99**	**1.2%**	**2.50**
Davis	62	84	64	60	70	81	102	81	93	94	**791**	**9.2%**	**2.35**
Iron	14	10	10	11	8	12	8	8	8	21	**110**	**1.3%**	**2.27**
Tooele	11	10	9	8	13	17	27	11	16	21	**143**	**1.7%**	**2.27**
Utah	102	146	115	95	124	146	126	125	158	134	**1,271**	**14.8%**	**2.21**
Box Elder	7	8	8	13	7	20	4	18	11	12	**108**	**1.3%**	**2.07**
Cache	14	20	22	22	33	30	28	30	25	24	**248**	**2.9%**	**2.05**
Washington	29	24	22	25	31	23	33	27	30	46	**290**	**3.4%**	**1.86**
Garfield	1	0	0	2	1	2	0	0	2	1	**9**	**0.1%**	**1.80**
Sevier	0	2	8	5	3	3	3	5	5	3	**37**	**0.4%**	**1.76**
Duchesne	1	1	7	2	2	6	4	0	7	3	**33**	**0.4%**	**1.58**
Beaver	3	1	0	2	2	0	1	0	1	0	**10**	**0.1%**	**1.57**
Juab	0	3	0	0	7	2	1	0	1	2	**16**	**0.2%**	**1.51**
Wasatch	5	7	4	1	12	3	1	3	0	7	**43**	**0.5%**	**1.47**
Emery	0	0	5	1	1	3	1	0	0	3	**14**	**0.2%**	**1.35**
Piute	0	0	0	0	0	0	2	0	0	0	**2**	**0.0%**	**1.32**
Uintah	5	7	2	1	6	3	2	1	7	5	**39**	**0.5%**	**1.03**
Morgan	0	0	2	0	1	1	1	0	6	0	**11**	**0.1%**	**0.99**
Sanpete	2	1	13	0	2	0	4	0	2	2	**26**	**0.3%**	**0.90**
Daggett	0	0	0	0	0	0	0	0	0	1	**1**	**0.0%**	**0.90**
Millard	0	1	1	0	2	0	1	2	1	3	**11**	**0.1%**	**0.87**
Wayne	0	1	0	0	0	0	0	0	1	0	**2**	**0.0%**	**0.74**
Kane	0	0	1	0	0	0	0	0	1	3	**5**	**0.1%**	**0.70**
San Juan	0	2	2	0	0	1	2	1	1	1	**10**	**0.1%**	**0.63**
Rich	0	0	0	0	0	0	0	0	0	0	**0**	**0.0%**	**0.00**
Total	**701**	**778**	**769**	**698**	**863**	**886**	**922**	**903**	**1,003**	**1,040**	**8,563**	**100.0%**	**2.86**

- Grand (4.20), Salt Lake (3.92), Weber (3.24), and Carbon (3.08) counties had the highest rates per population of total pedestrians in crashes per 10,000 population per year over the last 10 years.
- Salt Lake County accounted for 51% of the pedestrians in crashes. Utah County accounted for 15% of the pedestrians, Davis County accounted for 9% of the pedestrians, and Weber County accounted for 9% of the pedestrians. These four counties accounted for 84.0% of the pedestrians in crashes over the last 10 years.
- Rich County had no pedestrians in crashes.

Trends

Age of Pedestrians Killed (Utah 2006-2015)

Pedestrians Killed												
	Year										Total	
Age	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	#	%
0-4	2	2	2	0	2	1	2	1	1	5	**18**	**5.6%**
5-9	1	1	2	0	1	0	1	0	0	1	**7**	**2.2%**
10-14	2	0	3	0	3	5	1	2	3	4	**23**	**7.1%**
15-19	2	2	0	0	0	2	3	2	2	1	**14**	**4.3%**
20-24	1	4	2	3	2	5	1	2	4	3	**27**	**8.4%**
25-29	4	2	0	0	2	3	2	3	4	7	**27**	**8.4%**
30-34	3	2	1	1	1	3	0	1	1	1	**14**	**4.3%**
35-39	1	1	1	0	2	1	4	2	3	0	**15**	**4.7%**
40-44	2	3	1	1	2	0	0	1	6	6	**22**	**6.8%**
45-49	1	3	7	2	2	2	1	1	5	2	**26**	**8.1%**
50-54	2	5	5	3	1	6	8	3	0	3	**36**	**11.2%**
55-59	3	1	0	3	0	0	2	3	1	4	**17**	**5.3%**
60-64	0	2	0	2	4	1	2	4	1	3	**19**	**5.9%**
65-69	0	0	4	1	3	1	0	1	3	3	**16**	**5.0%**
70-74	2	1	2	0	1	1	0	2	1	4	**14**	**4.3%**
75-79	1	0	3	2	1	0	0	1	1	0	**9**	**2.8%**
80-84	1	0	1	1	1	0	2	1	0	0	**7**	**2.2%**
85+	1	3	0	1	0	1	2	0	1	2	**11**	**3.4%**
Total	**29**	**32**	**34**	**20**	**28**	**32**	**31**	**30**	**37**	**49**	**322**	**100.0%**

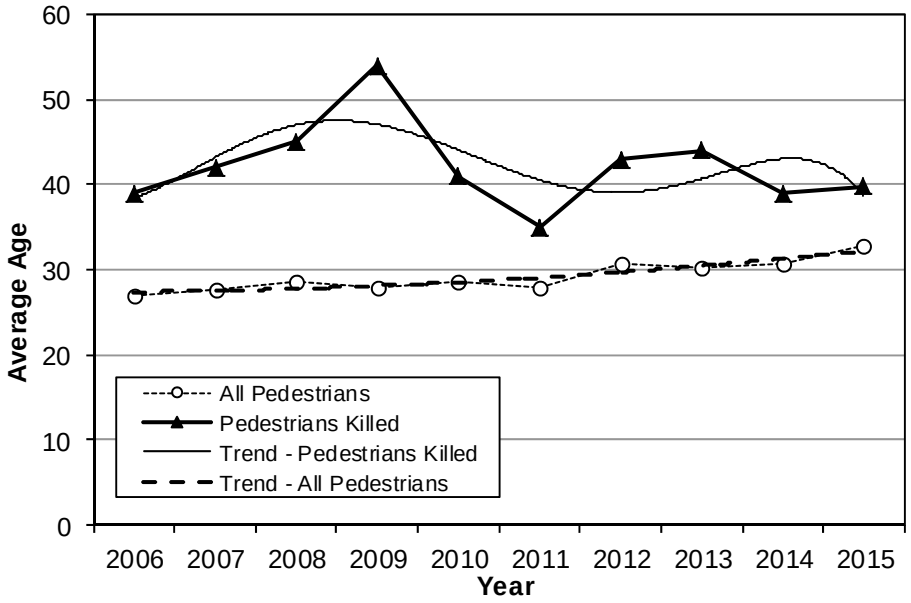


- Pedestrian deaths were highest among the age groups of 50-54, 20-29, and 45-49 years.
- Pedestrian deaths were lowest among the age groups of 5-9, 80-84, and 75-79 years.

Trends

Average Age of Pedestrians (Utah 2006-2015)

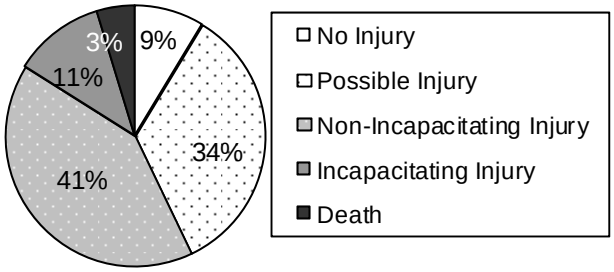
Pedestrians		
	Total	Killed
Year	Mean Age	Mean Age
2006	26.90	39.00
2007	27.70	42.00
2008	28.70	45.00
2009	28.00	54.00
2010	28.50	41.00
2011	28.00	35.00
2012	30.80	43.00
2013	30.20	44.00
2014	30.67	39.00
2015	32.71	39.80
Average	**29.22**	**42.18**



- The average age of pedestrians in crashes has steadily increased over the last 10 years.
- Pedestrians who died were on average 13 years older than all pedestrians in crashes over the last 10 years.

Pedestrian-Motor Vehicle Crash Conditions

Injury Severity of Pedestrians in Crashes (Utah 2015)



- 87% of pedestrians in crashes sustained an injury compared to 17% of all persons in crashes.
- The percentage of pedestrians killed in crashes (4.7%) was much higher than the percentage for all persons killed in motor vehicle crashes (0.2%).
- Pedestrian crashes were 11.3 times more likely to result in a death than other motor vehicle crashes.

Gender of Pedestrians in Crashes (Utah 2015)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
Gender	#	%	#	%	#	%	#	%
Male	39	43.3%	496	55.0%	30	61.2%	**565**	**54.3%**
Female	37	41.1%	398	44.2%	19	38.8%	**454**	**43.7%**
Unknown	14	15.6%	7	0.8%	0	0.0%	**21**	**2.0%**
Total	**90**	**100.0%**	**901**	**100.0%**	**49**	**100.0%**	**1,040**	**100.0%**

- The majority of all pedestrians hit (54.3%) and pedestrians killed (61.2%) in crashes were male.

Pedestrian-Motor Vehicle Crash Conditions

Pedestrians in Crashes by County (Utah 2015)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
County	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.
Daggett	0	0.00	0	0.00	1	9.02	**1**	**9.02**
Grand	2	2.10	4	4.20	1	1.05	**7**	**7.36**
Salt Lake	50	0.45	456	4.12	22	0.20	**528**	**4.77**
Iron	3	0.62	18	3.72	0	0.00	**21**	**4.34**
Weber	6	0.25	93	3.82	5	0.21	**104**	**4.27**
Kane	0	0.00	3	4.21	0	0.00	**3**	**4.21**
Tooele	1	0.16	18	2.86	2	0.32	**21**	**3.34**
Washington	1	0.06	42	2.70	3	0.19	**46**	**2.96**
Emery	0	0.00	3	2.89	0	0.00	**3**	**2.89**
Davis	2	0.06	88	2.62	4	0.12	**94**	**2.80**
Summit	1	0.25	10	2.52	0	0.00	**11**	**2.78**
Wasatch	1	0.34	6	2.06	0	0.00	**7**	**2.40**
Millard	0	0.00	2	1.58	1	0.79	**3**	**2.37**
Utah	11	0.19	116	2.02	7	0.12	**134**	**2.33**
Box Elder	1	0.19	11	2.11	0	0.00	**12**	**2.30**
Garfield	0	0.00	1	2.00	0	0.00	**1**	**2.00**
Cache	4	0.33	20	1.66	0	0.00	**24**	**1.99**
Carbon	3	1.46	1	0.49	0	0.00	**4**	**1.95**
Juab	1	0.94	1	0.94	0	0.00	**2**	**1.89**
Duchesne	2	0.96	0	0.00	1	0.48	**3**	**1.44**
Sevier	1	0.48	2	0.95	0	0.00	**3**	**1.43**
Uintah	0	0.00	4	1.05	1	0.26	**5**	**1.32**
Sanpete	0	0.00	1	0.35	1	0.35	**2**	**0.69**
San Juan	0	0.00	1	0.63	0	0.00	**1**	**0.63**
Beaver	0	0.00	0	0.00	0	0.00	**0**	**0.00**
Morgan	0	0.00	0	0.00	0	0.00	**0**	**0.00**
Piute	0	0.00	0	0.00	0	0.00	**0**	**0.00**
Rich	0	0.00	0	0.00	0	0.00	**0**	**0.00**
Wayne	0	0.00	0	0.00	0	0.00	**0**	**0.00**
Statewide	**90**	**0.30**	**901**	**3.01**	**49**	**0.16**	**1,040**	**3.47**

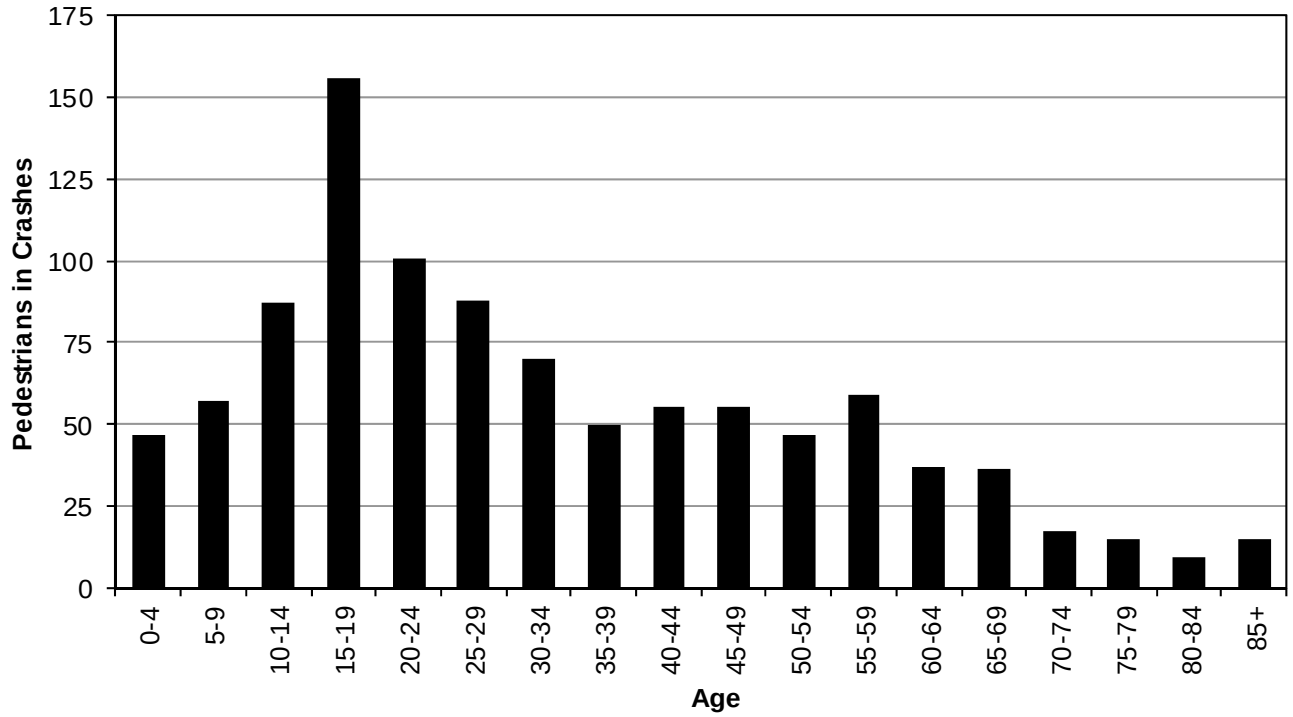
Pedestrians								
	Non-Injured		Injured		Killed		Total	
Location	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.
Urban	74	0.29	815	3.21	41	0.16	**930**	**3.66**
Rural	16	0.35	86	1.88	8	0.17	**110**	**2.41**
Total	**90**	**0.30**	**901**	**3.01**	**49**	**0.16**	**1,040**	**3.47**

- Urban areas (3.66) had a much higher total pedestrian-motor vehicle crash rate per 10,000 population than rural areas (2.41).
- Daggett (9.02), Grand (7.36), and Salt Lake (4.77) counties had the highest rates of pedestrians in crashes per 10,000 population.
- Salt Lake County accounted for 51% of the pedestrians in crashes and 45% of the pedestrian deaths.
- Beaver, Morgan, Piute, Rich, and Wayne counties had no pedestrians in crashes.

Pedestrian-Motor Vehicle Crash Conditions

Age of Pedestrians in Crashes (Utah 2015)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
Age	#	%	#	%	#	%	#	%
0-4	6	6.7%	36	4.0%	5	10.2%	**47**	**4.5%**
5-9	7	7.8%	49	5.4%	1	2.0%	**57**	**5.5%**
10-14	3	3.3%	80	8.9%	4	8.2%	**87**	**8.4%**
15-19	7	7.8%	148	16.4%	1	2.0%	**156**	**15.0%**
20-24	8	8.9%	90	10.0%	3	6.1%	**101**	**9.7%**
25-29	4	4.4%	77	8.5%	7	14.3%	**88**	**8.5%**
30-34	7	7.8%	62	6.9%	1	2.0%	**70**	**6.7%**
35-39	7	7.8%	43	4.8%	0	0.0%	**50**	**4.8%**
40-44	3	3.3%	46	5.1%	6	12.2%	**55**	**5.3%**
45-49	4	4.4%	49	5.4%	2	4.1%	**55**	**5.3%**
50-54	1	1.1%	43	4.8%	3	6.1%	**47**	**4.5%**
55-59	9	10.0%	46	5.1%	4	8.2%	**59**	**5.7%**
60-64	2	2.2%	32	3.6%	3	6.1%	**37**	**3.6%**
65-69	3	3.3%	30	3.3%	3	6.1%	**36**	**3.5%**
70-74	1	1.1%	12	1.3%	4	8.2%	**17**	**1.6%**
75-79	0	0.0%	15	1.7%	0	0.0%	**15**	**1.4%**
80-84	0	0.0%	9	1.0%	0	0.0%	**9**	**0.9%**
85+	0	0.0%	13	1.4%	2	4.1%	**15**	**1.4%**
Unknown	18	20.0%	21	2.3%	0	0.0%	**39**	**3.8%**
Total	**90**	**100.0%**	**901**	**100.0%**	**49**	**100.0%**	**1,040**	**100.0%**

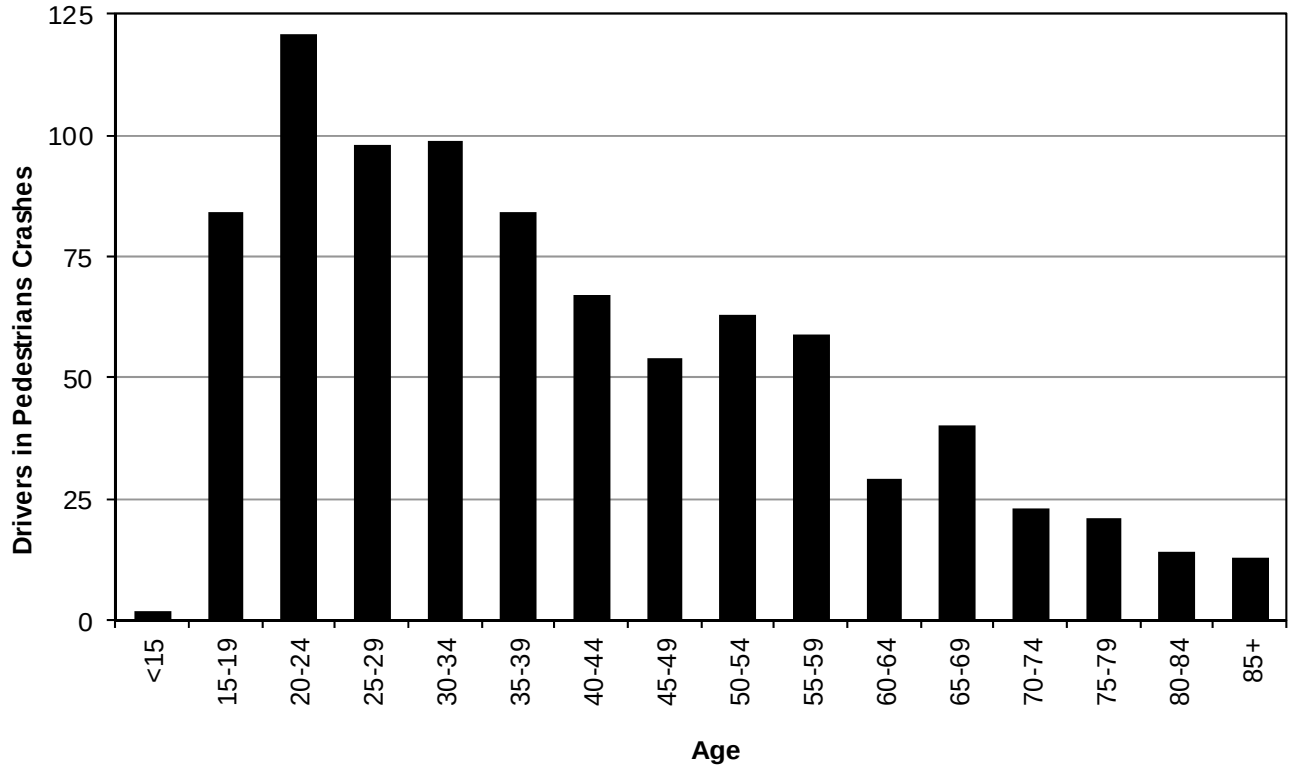


- Overall, the largest percentages of pedestrians in crashes were aged 10-29 years (41.5%).
- The highest percentage of pedestrian deaths occurred in the 25-29 and 40-44 year age groups.

Pedestrian-Motor Vehicle Crash Conditions

Driver Age (Utah 2015)

Drivers (Pedestrian-Motor Vehicle Crashes)								
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Age	#	%	#	%	#	%	#	%
<15	0	0.0%	2	0.2%	0	0.0%	**2**	**0.2%**
15-19	9	14.1%	75	8.0%	0	0.0%	**84**	**8.0%**
20-24	10	15.6%	100	10.7%	11	21.2%	**121**	**11.5%**
25-29	7	10.9%	83	8.9%	8	15.4%	**98**	**9.3%**
30-34	2	3.1%	88	9.4%	9	17.3%	**99**	**9.4%**
35-39	4	6.3%	77	8.3%	3	5.8%	**84**	**8.0%**
40-44	5	7.8%	58	6.2%	4	7.7%	**67**	**6.4%**
45-49	1	1.6%	48	5.1%	5	9.6%	**54**	**5.1%**
50-54	5	7.8%	57	6.1%	1	1.9%	**63**	**6.0%**
55-59	2	3.1%	53	5.7%	4	7.7%	**59**	**5.6%**
60-64	4	6.3%	25	2.7%	0	0.0%	**29**	**2.8%**
65-69	0	0.0%	38	4.1%	2	3.8%	**40**	**3.8%**
70-74	1	1.6%	20	2.1%	2	3.8%	**23**	**2.2%**
75-79	1	1.6%	20	2.1%	0	0.0%	**21**	**2.0%**
80-84	1	1.6%	13	1.4%	0	0.0%	**14**	**1.3%**
85+	1	1.6%	11	1.2%	1	1.9%	**13**	**1.2%**
Unknown	11	17.2%	165	17.7%	2	3.8%	**178**	**17.0%**
Total	**64**	**100.0%**	**933**	**100.0%**	**52**	**100.0%**	**1,049**	**100.0%**



- Nearly two-thirds (63.7% of known) of drivers in total pedestrian-motor vehicle crashes were under 45 years.
- The percentage of drivers in fatal pedestrian-motor vehicle crashes was highest for those aged 20-34 years.
- The average age of a driver was 38 years.

Pedestrian-Motor Vehicle Crash Conditions

Driver Gender (Utah 2015)

Drivers (Pedestrian-Motor Vehicle Crashes)								
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Gender	#	%	#	%	#	%	#	%
Male	34	53.1%	433	46.4%	28	53.8%	**495**	**47.2%**
Female	23	35.9%	362	38.8%	22	42.3%	**407**	**38.8%**
Unknown	7	10.9%	138	14.8%	2	3.8%	**147**	**14.0%**
Total	**64**	**100.0%**	**933**	**100.0%**	**52**	**100.0%**	**1049**	**100.0%**

- The majority of drivers in total pedestrian crashes (54.9% of known) and fatal crashes (56.0%) were male.

Pedestrian-Motor Vehicle Crashes by Month (Utah 2015)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
Month	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day
January	8	0.26	86	2.77	5	0.16	**99**	**3.19**
February	11	0.39	56	2.00	3	0.11	**70**	**2.50**
March	13	0.42	91	2.94	1	0.03	**105**	**3.39**
April	5	0.17	58	1.93	2	0.07	**65**	**2.17**
May	5	0.16	65	2.10	6	0.19	**76**	**2.45**
June	3	0.10	59	1.97	4	0.13	**66**	**2.20**
July	7	0.23	49	1.58	6	0.19	**62**	**2.00**
August	6	0.19	87	2.81	5	0.16	**98**	**3.16**
September	10	0.33	97	3.23	3	0.10	**110**	**3.67**
October	11	0.35	99	3.19	7	0.23	**117**	**3.77**
November	6	0.20	73	2.43	1	0.03	**80**	**2.67**
December	5	0.16	81	2.61	6	0.19	**92**	**2.97**
Total	**90**	**0.25**	**901**	**2.47**	**49**	**0.13**	**1,040**	**2.85**

- October, September, and March had the highest rates per day of total pedestrian-motor vehicle crashes.
- October, May, July, and December had the highest rates per day of pedestrian deaths.

Pedestrian-Motor Vehicle Crashes by Day of Week (Utah 2015)

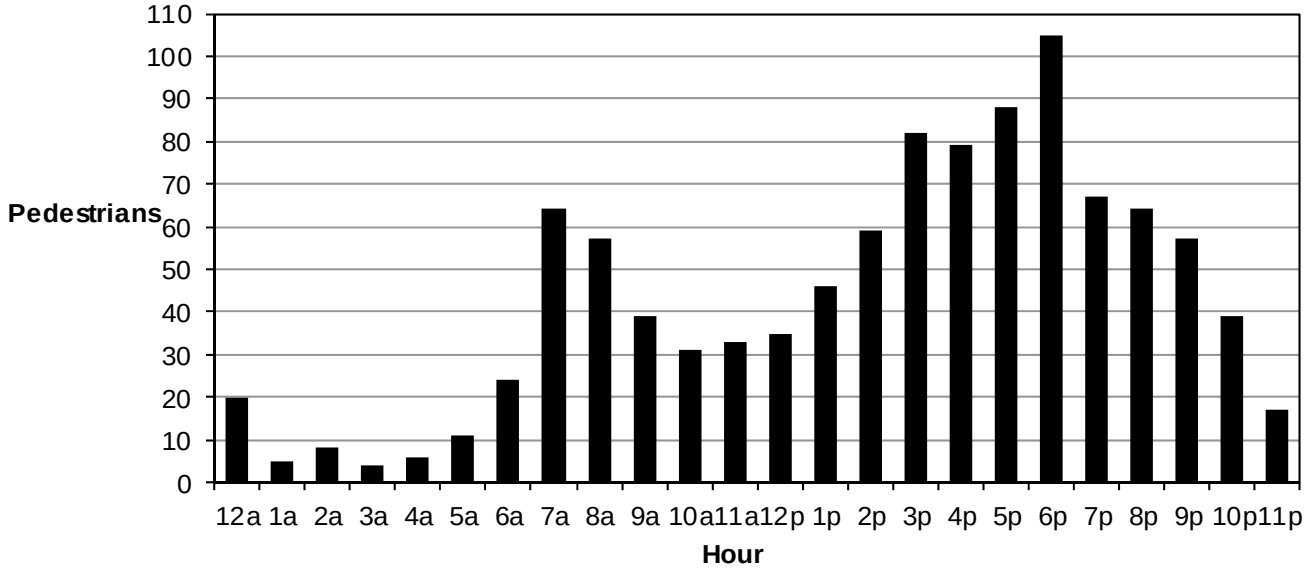
Pedestrians								
Day of Week	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Sunday	9	10.0%	72	8.0%	4	8.2%	**85**	**8.2%**
Monday	15	16.7%	145	16.1%	5	10.2%	**165**	**15.9%**
Tuesday	10	11.1%	148	16.4%	3	6.1%	**161**	**15.5%**
Wednesday	12	13.3%	136	15.1%	6	12.2%	**154**	**14.8%**
Thursday	18	20.0%	138	15.3%	11	22.4%	**167**	**16.1%**
Friday	15	16.7%	134	14.9%	11	22.4%	**160**	**15.4%**
Saturday	11	12.2%	128	14.2%	9	18.4%	**148**	**14.2%**
Total	**90**	**100.0%**	**901**	**100.0%**	**49**	**100.0%**	**1,040**	**100.0%**

- The highest percentage of total pedestrian-motor vehicle crashes (16.7%) occurred on Thursday.
- Thursday and Friday had the highest number of pedestrian deaths.

Pedestrian-Motor Vehicle Crash Conditions

Pedestrian-Motor Vehicle Crashes by Hour (Utah 2015)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
Hour	#	%	#	%	#	%	#	%
Midnight	1	1.1%	17	1.9%	2	4.1%	**20**	**1.9%**
1 a.m.	0	0.0%	5	0.6%	0	0.0%	**5**	**0.5%**
2 a.m.	0	0.0%	8	0.9%	0	0.0%	**8**	**0.8%**
3 a.m.	1	1.1%	2	0.2%	1	2.0%	**4**	**0.4%**
4 a.m.	0	0.0%	4	0.4%	2	4.1%	**6**	**0.6%**
5 a.m.	0	0.0%	9	1.0%	2	4.1%	**11**	**1.1%**
6 a.m.	1	1.1%	20	2.2%	3	6.1%	**24**	**2.3%**
7 a.m.	1	1.1%	60	6.7%	3	6.1%	**64**	**6.2%**
8 a.m.	3	3.3%	52	5.8%	2	4.1%	**57**	**5.5%**
9 a.m.	5	5.6%	32	3.6%	2	4.1%	**39**	**3.8%**
10 a.m.	1	1.1%	29	3.2%	1	2.0%	**31**	**3.0%**
11 a.m.	3	3.3%	30	3.3%	0	0.0%	**33**	**3.2%**
Noon	3	3.3%	31	3.4%	1	2.0%	**35**	**3.4%**
1 p.m.	7	7.8%	38	4.2%	1	2.0%	**46**	**4.4%**
2 p.m.	6	6.7%	53	5.9%	0	0.0%	**59**	**5.7%**
3 p.m.	11	12.2%	71	7.9%	0	0.0%	**82**	**7.9%**
4 p.m.	11	12.2%	67	7.4%	1	2.0%	**79**	**7.6%**
5 p.m.	10	11.1%	75	8.3%	3	6.1%	**88**	**8.5%**
6 p.m.	10	11.1%	90	10.0%	5	10.2%	**105**	**10.1%**
7 p.m.	3	3.3%	60	6.7%	4	8.2%	**67**	**6.4%**
8 p.m.	7	7.8%	55	6.1%	2	4.1%	**64**	**6.2%**
9 p.m.	4	4.4%	44	4.9%	9	18.4%	**57**	**5.5%**
10 p.m.	0	0.0%	35	3.9%	4	8.2%	**39**	**3.8%**
11 p.m.	2	2.2%	14	1.6%	1	2.0%	**17**	**1.6%**
Total	**90**	**100.0%**	**901**	**100.0%**	**49**	**100.0%**	**1,040**	**100.0%**



- Total pedestrian-motor vehicle crashes were highest between 3:00 p.m. and 6:59 p.m.
- Fatal pedestrian-motor vehicle crashes were highest during the 9:00 p.m. and 6:00 p.m. hours.

Pedestrian-Motor Vehicle Crash Conditions

Contributing Factors of Pedestrians in Crashes (Utah 2015)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
Contributing Factors	#	%	#	%	#	%	#	%
None	58	64.4%	439	48.7%	11	22.4%	**508**	**48.8%**
Improper Crossing	9	10.0%	104	11.5%	6	12.2%	**119**	**11.4%**
Darting	2	2.2%	68	7.5%	9	18.4%	**79**	**7.6%**
Not Visible	1	1.1%	59	6.5%	5	10.2%	**65**	**6.3%**
Failure to Obey Traffic Signs/Signals	6	6.7%	35	3.9%	3	6.1%	**44**	**4.2%**
Inattentive	1	1.1%	35	3.9%	1	2.0%	**37**	**3.6%**
In Roadway Improperly	3	3.3%	15	1.7%	6	12.2%	**24**	**2.3%**
Failure to Yield Right of Way	0	0.0%	10	1.1%	3	6.1%	**13**	**1.3%**
Other	7	7.8%	63	7.0%	1	2.0%	**71**	**6.8%**
Unknown	3	3.3%	73	8.1%	4	8.2%	**80**	**7.7%**
Total	**90**	**100.0%**	**901**	**100.0%**	**49**	**100.0%**	**1,040**	**100.0%**

- Improper crossing and darting were the leading contributing factors for pedestrians in total crashes.
- No contributing factors were listed for 22.4% of the pedestrians killed and 48.8% of total pedestrians.

Location of Pedestrians in Crashes (Utah 2015)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
Pedestrian Location	#	%	#	%	#	%	#	%
Marked Crosswalk at Intersection	36	40.0%	336	37.3%	9	18.4%	**381**	**36.6%**
In Roadway (not at intersection/crosswalk)	17	18.9%	192	21.3%	31	63.3%	**240**	**23.1%**
Shoulder	9	10.0%	63	7.0%	2	4.1%	**74**	**7.1%**
Unmarked Crosswalk	7	7.8%	49	5.4%	3	6.1%	**59**	**5.7%**
Sidewalk	4	4.4%	46	5.1%	1	2.0%	**51**	**4.9%**
Mid-Block Crosswalk	5	5.6%	34	3.8%	1	2.0%	**40**	**3.8%**
Outside Right of Way	1	1.1%	18	2.0%	2	4.1%	**21**	**2.0%**
Path/Trail (bike or shared use)	1	1.1%	6	0.7%	0	0.0%	**7**	**0.7%**
Median/Island	0	0.0%	5	0.6%	0	0.0%	**5**	**0.5%**
Other	6	6.7%	127	14.1%	0	0.0%	**133**	**12.8%**
Unknown	4	4.4%	25	2.8%	0	0.0%	**29**	**2.8%**
Total	**90**	**100.0%**	**901**	**100.0%**	**49**	**100.0%**	**1,040**	**100.0%**

- Nearly half (47.5% of known) of pedestrians struck by motor vehicles were in a crosswalk.
- In roadway accounted for nearly two-thirds (63.3%) of the locations for pedestrians killed.

Alcohol Test Results of Pedestrians Killed (Utah 2015)

Pedestrian Deaths			
Alcohol Test Results	#	%	% of tested
0.00	28	57.1%	71.8%
0.01-0.07	0	0.0%	0.0%
0.08+	11	22.4%	28.2%
Not Tested	10	20.4%	n/a
Total	**49**	**100.0%**	100.0%

- 79.6% of pedestrians killed in crashes were tested for alcohol. Of these 71.8% had a blood alcohol concentration (BAC) of 0.00, 0% had a BAC of 0.01-0.07, and 28.2% had a BAC of 0.08+.

Pedestrian-Motor Vehicle Crash Conditions

Action of Pedestrians in Crashes (Utah 2015)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
Pedestrian Action	#	%	#	%	#	%	#	%
Entering or Crossing Road	51	56.7%	505	56.0%	31	63.3%	**587**	**56.4%**
Walking Along Roadway with Traffic	10	11.1%	68	7.5%	2	4.1%	**80**	**7.7%**
In Roadway Other	2	2.2%	51	5.7%	5	10.2%	**58**	**5.6%**
Walking on Sidewalk	2	2.2%	38	4.2%	0	0.0%	**40**	**3.8%**
Waiting to Cross Roadway	6	6.7%	25	2.8%	0	0.0%	**31**	**3.0%**
Adjacent to Roadway	3	3.3%	25	2.8%	2	4.1%	**30**	**2.9%**
Walking Along Roadway Against Traffic	2	2.2%	24	2.7%	3	6.1%	**29**	**2.8%**
Going to/from School	1	1.1%	22	2.4%	1	2.0%	**24**	**2.3%**
Working in Trafficway	1	1.1%	11	1.2%	0	0.0%	**12**	**1.2%**
Working on Vehicle	0	0.0%	8	0.9%	1	2.0%	**9**	**0.9%**
Pushing Motor Vehicle	0	0.0%	4	0.4%	1	2.0%	**5**	**0.5%**
Other	8	8.9%	106	11.8%	3	6.1%	**117**	**11.3%**
Unknown	4	4.4%	14	1.6%	0	0.0%	**18**	**1.7%**
Total	**90**	**100.0%**	**901**	**100.0%**	**49**	**100.0%**	**1,040**	**100.0%**

- The leading actions of pedestrians in total crashes were entering/crossing road and walking along roadway with traffic.
- The leading actions of pedestrians killed were entering/crossing road and walking along roadway with traffic.

Vehicle Maneuver Prior to Crash (Utah 2015)

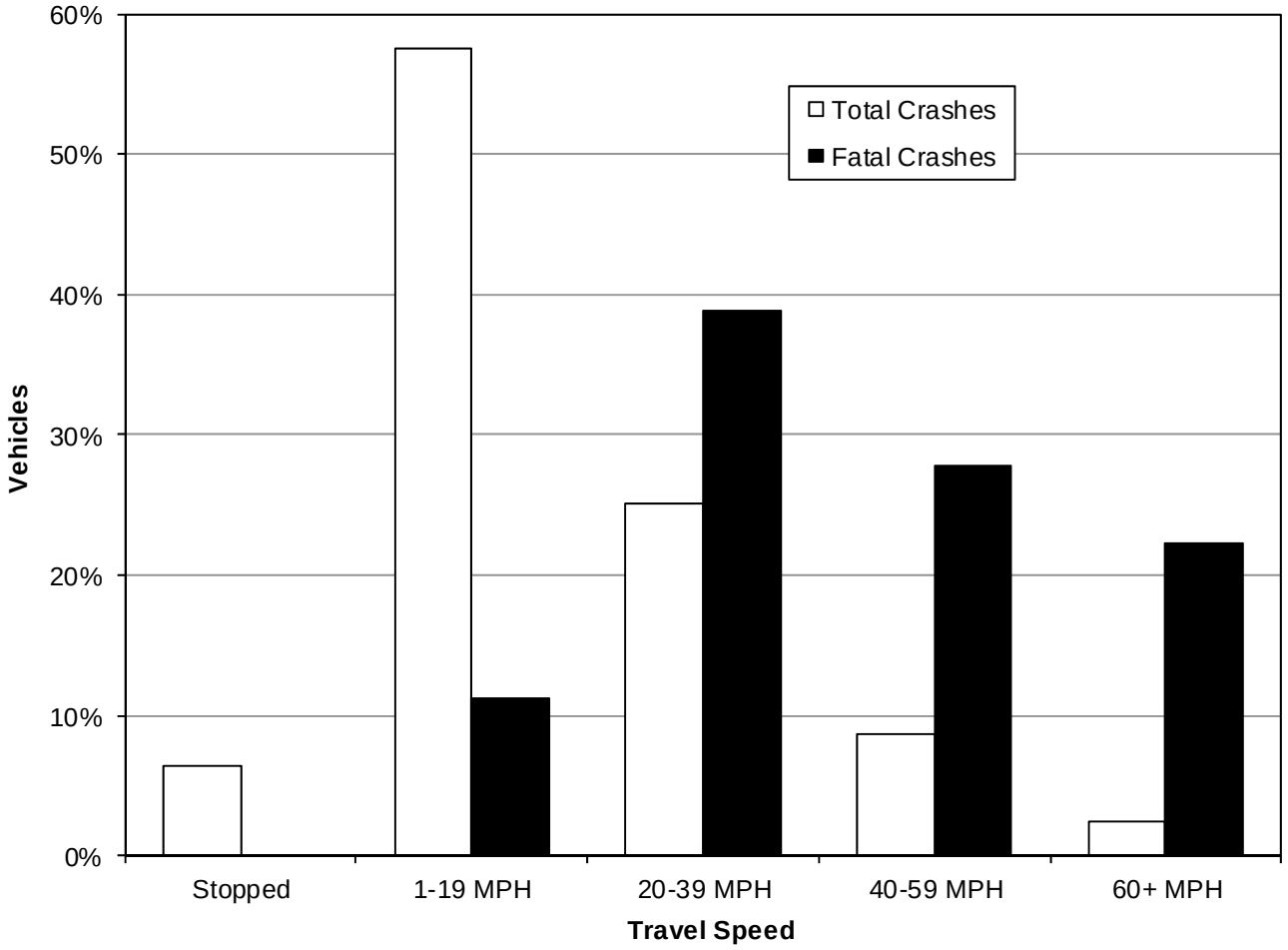
Vehicles (Pedestrian-Motor Vehicle Crashes)								
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Vehicle Maneuver	#	%	#	%	#	%	#	%
Straight Ahead	28	39.4%	414	43.2%	46	85.2%	**488**	**45.0%**
Turning Left	6	8.5%	161	16.8%	1	1.9%	**168**	**15.5%**
Turning Right	6	8.5%	134	14.0%	2	3.7%	**142**	**13.1%**
Backing	3	4.2%	82	8.6%	1	1.9%	**86**	**7.9%**
Parked/Parking	9	12.7%	52	5.4%	2	3.7%	**63**	**5.8%**
Stopped/Slowing in Traffic Lane	16	22.5%	44	4.6%	0	0.0%	**60**	**5.5%**
Entering/Leaving Traffic Lane	0	0.0%	10	1.0%	0	0.0%	**10**	**0.9%**
Making U-Turn	0	0.0%	4	0.4%	0	0.0%	**4**	**0.4%**
Overtaking/Passing	0	0.0%	1	0.1%	1	1.9%	**2**	**0.2%**
Changing Lanes	0	0.0%	1	0.1%	0	0.0%	**1**	**0.1%**
Other	0	0.0%	19	2.0%	1	1.9%	**20**	**1.8%**
Unknown	3	4.2%	37	3.9%	0	0.0%	**40**	**3.7%**
Total	**71**	**100.0%**	**959**	**100.0%**	**54**	**100.0%**	**1,084**	**100.0%**

- The leading vehicle maneuvers prior to the crash were straight ahead (46.7% of known), turning left (16.1% of known), and turning right (13.6% of known).

Pedestrian-Motor Vehicle Crash Conditions

Travel Speed of Vehicles in Pedestrian Crashes (Utah 2015)

Vehicles (Pedestrian-Motor Vehicle Crashes)								
Travel	**PDO Crashes**		**Injury Crashes**		**Fatal Crashes**		**Total**	
Speed	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Parked	8	11.3%	37	3.9%	1	1.9%	**46**	**4.2%**
Stopped	11	15.5%	32	3.3%	0	0.0%	**43**	**4.0%**
1-9 MPH	9	12.7%	233	24.3%	2	3.7%	**244**	**22.5%**
10-19 MPH	7	9.9%	134	14.0%	2	3.7%	**143**	**13.2%**
20-29 MPH	8	11.3%	75	7.8%	4	7.4%	**87**	**8.0%**
30-39 MPH	5	7.0%	67	7.0%	10	18.5%	**82**	**7.6%**
40-49 MPH	6	8.5%	38	4.0%	9	16.7%	**53**	**4.9%**
50-59 MPH	1	1.4%	3	0.3%	1	1.9%	**5**	**0.5%**
60-69 MPH	0	0.0%	3	0.3%	5	9.3%	**8**	**0.7%**
70+ MPH	3	4.2%	2	0.2%	3	5.6%	**8**	**0.7%**
Unknown	13	18.3%	335	34.9%	17	31.5%	**365**	**33.7%**
Total	**71**	**100.0%**	**959**	**100.0%**	**54**	**100.0%**	**1,084**	**100.0%**



- The higher the speed of the vehicle the more likely the pedestrian was injured or killed in a crash.
- Pedestrians hit by a vehicle traveling 30 MPH or higher were 13.9 times more likely to die.
- While 1.0% of pedestrians hit by a vehicle traveling 1-19 MPH died, 17.2% of pedestrians struck by a vehicle traveling 40-59 MPH died, and 50.0% of pedestrians died who were struck by a vehicle traveling 60+ MPH.

Pedestrian-Motor Vehicle Crash Conditions

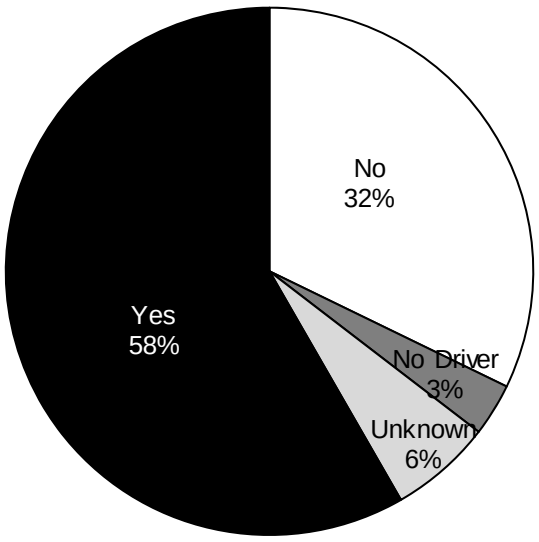
Pedestrian-Motor Vehicle Crashes by Speed Limit (Utah 2015)

Vehicles (Pedestrian-Motor Vehicle Crashes)								
Speed	**PDO Crashes**		**Injury Crashes**		**Fatal Crashes**		**Total**	
Limit	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
5-15 MPH	4	6.3%	69	7.5%	1	1.9%	**74**	**7.1%**
20-25 MPH	1	1.6%	161	17.5%	4	7.7%	**166**	**16.0%**
30-35 MPH	22	34.9%	208	22.6%	12	23.1%	**242**	**23.3%**
40-45 MPH	24	38.1%	148	16.1%	16	30.8%	**188**	**18.1%**
50-55 MPH	0	0.0%	9	1.0%	6	11.5%	**15**	**1.4%**
60-65 MPH	0	0.0%	7	0.8%	3	5.8%	**10**	**1.0%**
70+ MPH	6	9.5%	10	1.1%	5	9.6%	**21**	**2.0%**
Unknown	6	9.5%	310	33.6%	5	9.6%	**321**	**31.0%**
Total	**63**	**100.0%**	**922**	**100.0%**	**52**	**100.0%**	**1,037**	**100.0%**

- The majority (83.2% of known) of total pedestrian crashes occurred where the speed limit was 20-45 MPH.
- In contrast to total crashes, pedestrian fatal crashes were highest where the speed limit was 40+ MPH.

Drivers in Pedestrian Crashes with Contributing Factors (Utah 2015)

Drivers/Vehicles (Pedestrian-Motor Vehicle Crashes)								
Driver/Vehicle with a	**PDO Crashes**		**Injury Crashes**		**Fatal Crashes**		**Total**	
Contributing Factor(s)	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Yes	39	54.9%	575	60.0%	18	33.3%	**632**	**58.3%**
No	23	32.4%	296	30.9%	30	55.6%	**349**	**32.2%**
Not Applicable - No Driver	7	9.9%	26	2.7%	2	3.7%	**35**	**3.2%**
Unknown	2	2.8%	62	6.5%	4	7.4%	**68**	**6.3%**
Total	**71**	**100.0%**	**959**	**100.0%**	**54**	**100.0%**	**1,084**	**100.0%**



- 58.3% of drivers in total pedestrian crashes had a contributing factor.
- 33.3% of drivers in fatal pedestrian crashes had a contributing factor.

Pedestrian-Motor Vehicle Crash Conditions

Driver Contributing Factors in Pedestrian Crashes (Utah 2015)

Drivers/Vehicles (Pedestrian-Motor Vehicle Crashes)								
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Contributing Factors	#	%	#	%	#	%	#	%
Failed to Yield Right of Way	5	11.1%	277	28.9%	5	12.2%	**287**	**27.5%**
Hit and Run	5	11.1%	107	11.2%	4	9.8%	**116**	**11.1%**
Other Improper Driving	3	6.7%	88	9.2%	0	0.0%	**91**	**8.7%**
Driver Distraction	2	4.4%	64	6.7%	8	19.5%	**74**	**7.1%**
Vision Obscured by Weather Condition	1	2.2%	50	5.2%	2	4.9%	**53**	**5.1%**
Improper Backing	1	2.2%	41	4.3%	1	2.4%	**43**	**4.1%**
Vision Obscured by Glare	1	2.2%	38	4.0%	2	4.9%	**41**	**3.9%**
Followed Too Closely	18	40.0%	16	1.7%	0	0.0%	**34**	**3.3%**
Speed Too Fast	2	4.4%	20	2.1%	3	7.3%	**25**	**2.4%**
Failed to Keep in Proper Lane	1	2.2%	21	2.2%	2	4.9%	**24**	**2.3%**
Vision Obscured by Parked Vehicle	0	0.0%	21	2.2%	2	4.9%	**23**	**2.2%**
Disregard Traffic Signal/Sign	0	0.0%	21	2.2%	1	2.4%	**22**	**2.1%**
Driving Under the Influence	1	2.2%	19	2.0%	2	4.9%	**22**	**2.1%**
Improper Turn	2	4.4%	20	2.1%	0	0.0%	**22**	**2.1%**
Reckless/Aggressive Driving	0	0.0%	16	1.7%	1	2.4%	**17**	**1.6%**
Vision Obscured by Moving Vehicle	0	0.0%	16	1.7%	0	0.0%	**16**	**1.5%**
Vision Obscured by Other	0	0.0%	14	1.5%	2	4.9%	**16**	**1.5%**
Vehicle Other Defective Condition	0	0.0%	15	1.6%	0	0.0%	**15**	**1.4%**
Driver Emotional Prior to Crash	0	0.0%	10	1.0%	2	4.9%	**12**	**1.2%**
Other Driver Condition	0	0.0%	11	1.1%	0	0.0%	**11**	**1.1%**
Windshield or Other Window Obscured	0	0.0%	11	1.1%	0	0.0%	**11**	**1.1%**
Disregard Road Markings	0	0.0%	10	1.0%	0	0.0%	**10**	**1.0%**
Improper Parking/Stopping	0	0.0%	9	0.9%	0	0.0%	**9**	**0.9%**
Swerved or Evasive Action	1	2.2%	7	0.7%	0	0.0%	**8**	**0.8%**
Ran Off Road	1	2.2%	6	0.6%	0	0.0%	**7**	**0.7%**
Vision Obscured by Building, Sign	0	0.0%	6	0.6%	0	0.0%	**6**	**0.6%**
Driver Illness/Medical	0	0.0%	4	0.4%	1	2.4%	**5**	**0.5%**
Vehicle Brakes	0	0.0%	5	0.5%	0	0.0%	**5**	**0.5%**
Vision Obscured by Vegetation	0	0.0%	5	0.5%	0	0.0%	**5**	**0.5%**
Overcorrected	1	2.2%	2	0.2%	1	2.4%	**4**	**0.4%**
Driver Asleep/Fatigue	0	0.0%	2	0.2%	1	2.4%	**3**	**0.3%**
Improper Lane Change	0	0.0%	3	0.3%	0	0.0%	**3**	**0.3%**
Wrong Side/Wrong Way	0	0.0%	2	0.2%	0	0.0%	**2**	**0.2%**
Improper Passing	0	0.0%	0	0.0%	1	2.4%	**1**	**0.1%**
Improper Signal	0	0.0%	0	0.0%	0	0.0%	**0**	**0.0%**
Total	**45**	**100.0%**	**957**	**100.0%**	**41**	**100.0%**	**1,043**	**100.0%**

- Failed to yield right of way (27.5%), hit and run (11.1%), and driver distraction (7.1%) were the leading contributing factors in total pedestrian-motor vehicle crashes.
- Driver distraction (19.5%) and failed to yield right of way (12.2%) were the leading contributing factors in fatal pedestrian-motor vehicle crashes.