

Pedestrians



Section 11: Pedestrians

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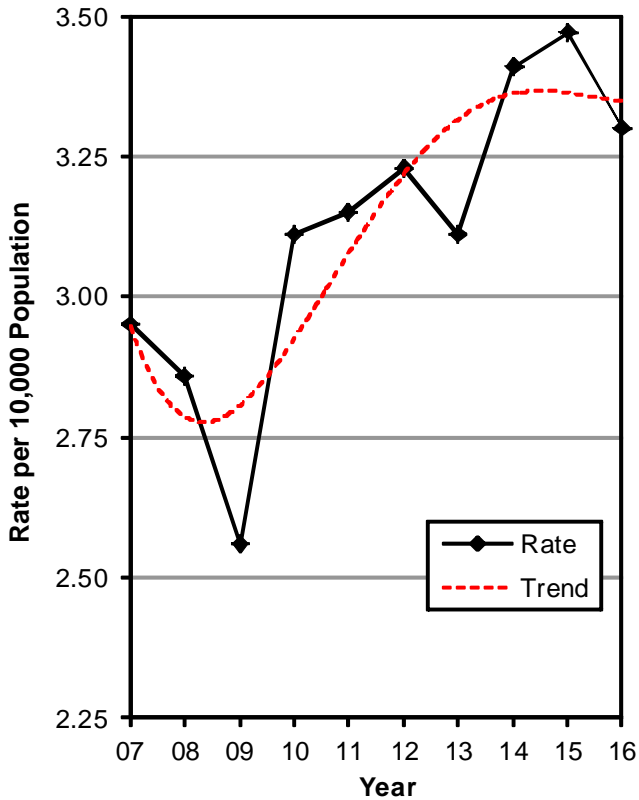
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Trends

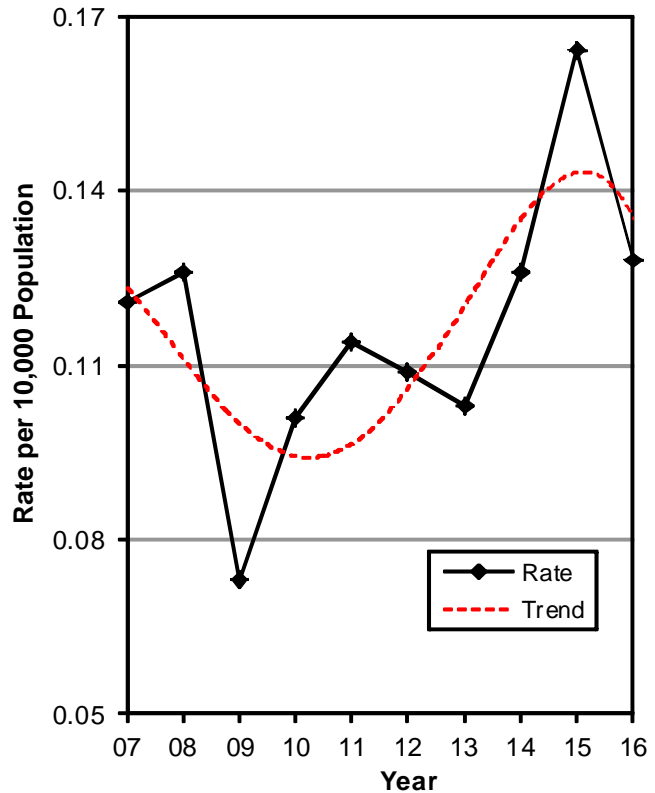
Pedestrians in Crashes (Utah 2007-2016)

Pedestrians									
Year	Non-Injured		Injured		Killed		Total		
	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	
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	
2016	69	0.23	898	2.94	39	0.128	1,006	3.30	
Total	808	0.28	7,728	2.72	332	0.117	8,868	3.12	

Pedestrian Crash Rates Per Population (Utah 2007-2016)



Pedestrian Death Rates Per Population (Utah 2007-2016)



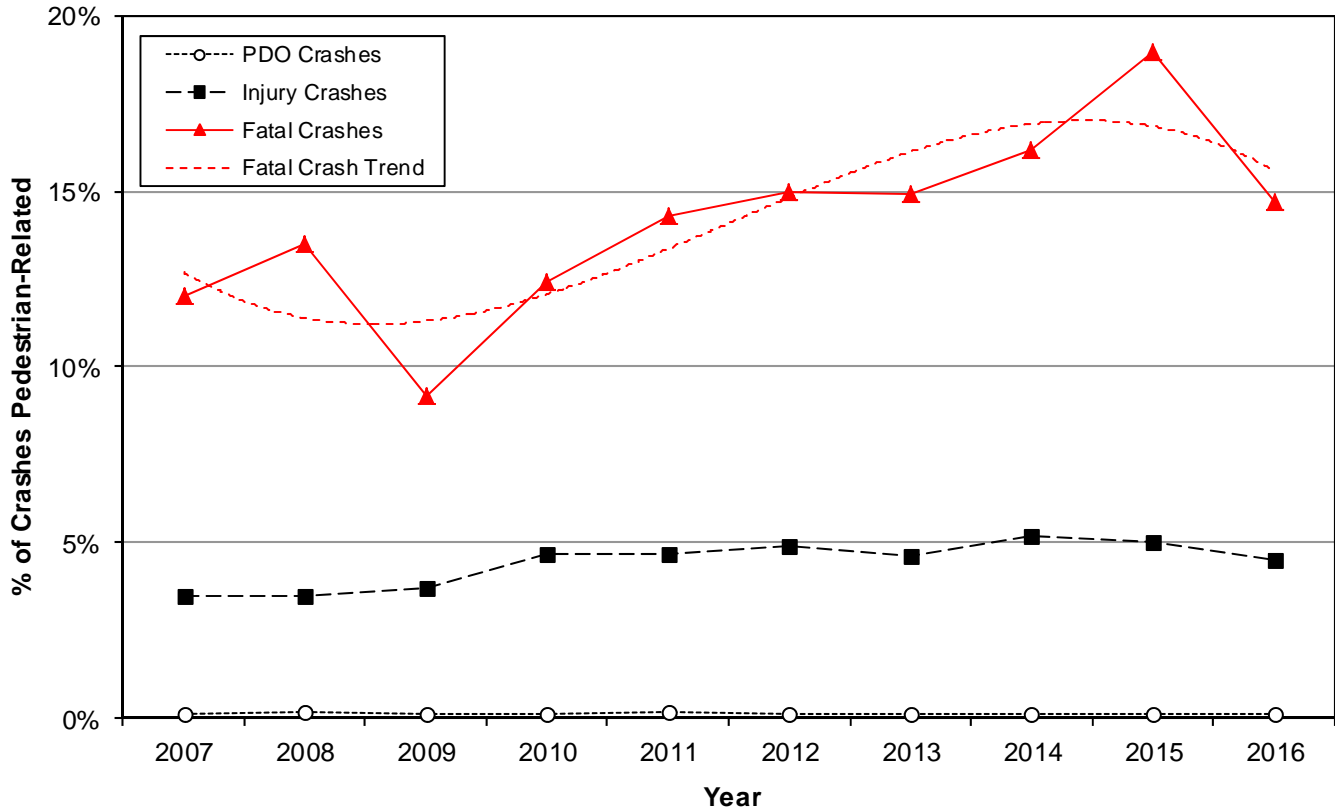
- The total rate per population of pedestrians in crashes increased 12% from 2007 to 2016.
- 2015 had the highest rate per population of total pedestrians in crashes in the last 10 years. 2009 had the lowest rate.
- The pedestrian death rate per population increased 6% from 2007 to 2016.
- 2015 had the 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 2007-2016)

Year	Property Damage Only			Injury			Fatal			Total		
	All	Pedestrian		All	Pedestrian		All	Pedestrian		All	Pedestrian	
	#	#	%	#	#	%	#	#	%	#	#	%
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%
2016	43,465	36	0.1%	18,747	848	4.5%	259	38	14.7%	62,471	922	1.5%
Total	384,214	473	0.1%	166,873	7,380	4.4%	2,303	326	14.2%	553,390	8,179	1.5%

Percent of Crashes Pedestrian-Related (Utah 2007-2016)

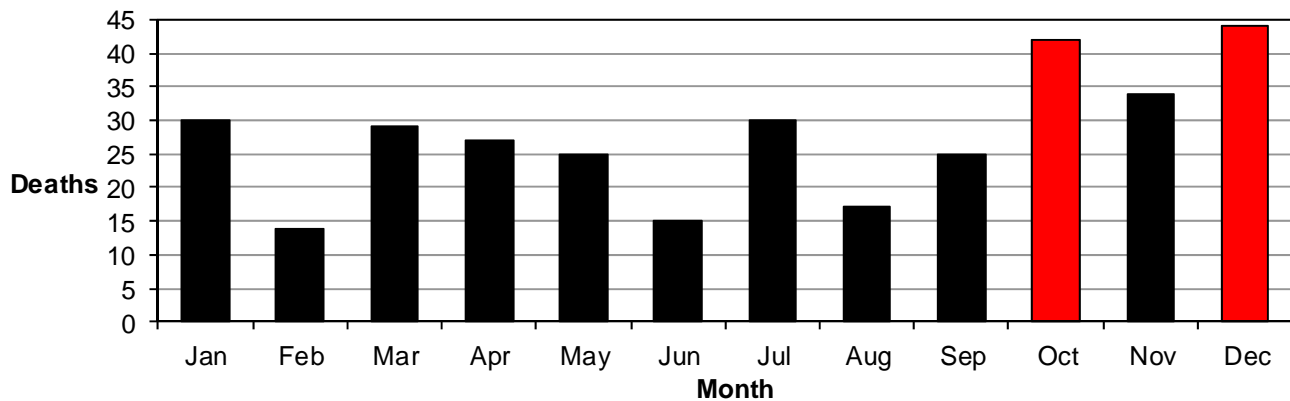


- The 10-year trend shows that pedestrian-motor vehicle crashes represent 0.1% of property damage only crashes, 4.4% of injury crashes, and 14.2% of fatal crashes.
- Pedestrians are over-represented in fatal crashes accounting for 14.2% of fatal crashes compared to 1.5% of total crashes.
- The percent 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 2007-2016)

Deaths												
Month	Year										Total	
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	#	%
January	5	5	1	2	3	0	0	5	5	4	30	9.0%
February	1	0	2	1	0	2	1	0	3	4	14	4.2%
March	2	2	2	1	2	5	5	6	1	3	29	8.7%
April	4	1	2	3	1	3	3	5	2	3	27	8.1%
May	2	2	4	4	0	2	0	4	6	1	25	7.5%
June	1	0	0	1	3	0	1	1	4	4	15	4.5%
July	3	5	0	2	1	2	4	4	6	3	30	9.0%
August	0	5	1	0	3	1	2	0	5	0	17	5.1%
September	2	0	1	3	3	4	0	3	3	6	25	7.5%
October	3	3	3	3	5	6	4	5	7	3	42	12.7%
November	1	5	2	3	5	3	7	1	1	6	34	10.2%
December	8	6	2	5	6	3	3	3	6	2	44	13.3%
Total	32	34	20	28	32	31	30	37	49	39	332	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 February and June.

Pedestrian Deaths by Day of Week (Utah 2007-2016)

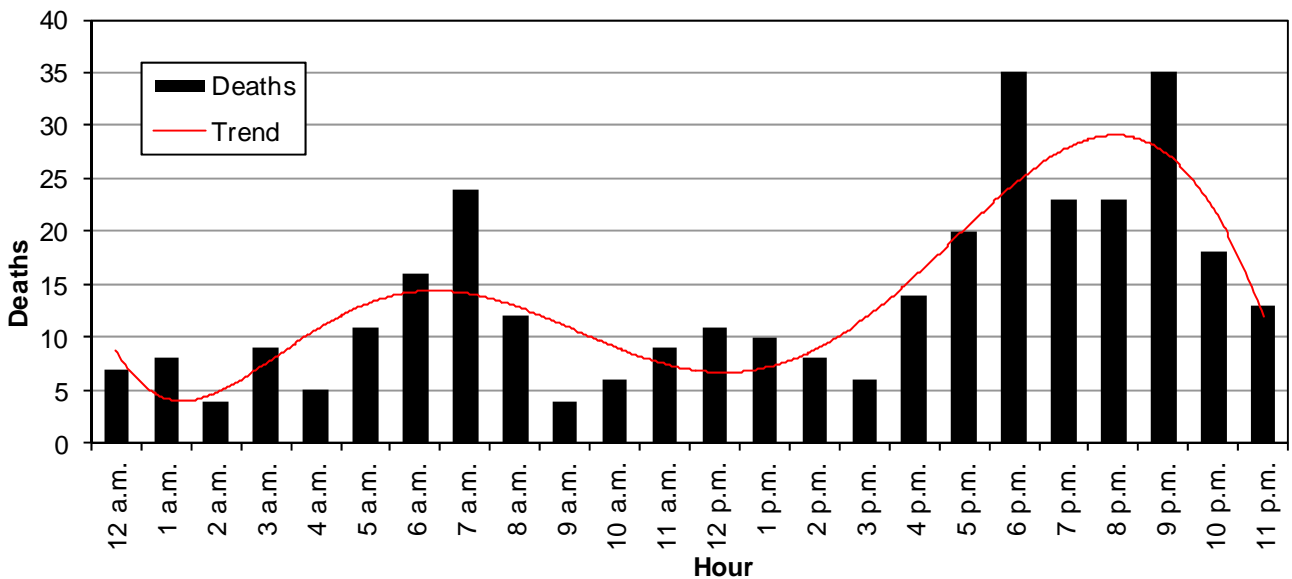
Deaths												
Day of Week	Year										Total	
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	#	%
Sunday	5	2	4	7	1	4	3	3	4	3	36	10.8%
Monday	3	2	3	0	6	4	7	6	5	7	43	13.0%
Tuesday	6	12	4	4	6	6	3	3	3	7	54	16.3%
Wednesday	8	4	5	2	3	7	2	4	6	8	49	14.8%
Thursday	3	3	2	8	5	3	5	5	11	1	46	13.9%
Friday	1	5	1	3	4	1	4	7	11	7	44	13.3%
Saturday	6	6	1	4	7	6	6	9	9	6	60	18.1%
Total	32	34	20	28	32	31	30	37	49	39	332	100.0%

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

Trends

Pedestrian Deaths by Hour (Utah 2007-2016)

Hour	Deaths										Total	
	Year										#	%
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
Midnight	2	0	0	1	0	2	0	0	2	0	7	2.1%
1 a.m.	1	0	0	1	3	0	1	1	0	1	8	2.4%
2 a.m.	1	0	0	0	0	2	0	1	0	0	4	1.2%
3 a.m.	0	1	0	1	1	0	1	3	1	1	9	2.7%
4 a.m.	0	1	1	0	1	0	0	0	2	0	5	1.5%
5 a.m.	1	1	1	2	2	0	1	0	2	1	11	3.3%
6 a.m.	2	0	1	1	1	1	1	4	3	2	16	4.8%
7 a.m.	2	3	1	4	2	4	0	3	3	2	24	7.3%
8 a.m.	1	2	1	0	3	0	1	1	2	1	12	3.6%
9 a.m.	0	0	1	0	0	0	1	0	2	0	4	1.2%
10 a.m.	1	1	0	0	0	1	0	0	1	2	6	1.8%
11 a.m.	1	3	3	0	0	0	0	0	0	2	9	2.7%
Noon	3	0	1	2	2	0	1	0	1	1	11	3.3%
1 p.m.	0	2	0	0	0	1	1	2	1	3	10	3.0%
2 p.m.	1	1	1	3	0	0	1	0	0	1	8	2.4%
3 p.m.	0	1	2	0	1	1	0	1	0	0	6	1.8%
4 p.m.	1	0	2	0	0	3	1	2	1	4	14	4.2%
5 p.m.	3	3	0	1	3	2	3	2	3	0	20	6.0%
6 p.m.	2	6	1	3	4	3	5	3	5	3	35	10.6%
7 p.m.	2	0	2	3	3	0	3	1	4	5	23	6.9%
8 p.m.	2	2	1	3	2	5	1	2	2	3	23	6.9%
9 p.m.	0	6	0	2	2	4	5	3	9	4	35	10.6%
10 p.m.	2	1	1	1	0	2	1	4	4	2	18	5.4%
11 p.m.	4	0	0	0	2	0	2	3	1	1	13	3.9%
Total	32	34	20	28	32	31	30	36	49	39	331	100.0%



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

Trends

Pedestrians in Crashes by County (Utah 2007-2016)

Pedestrians													
County	Year										Total		Rate per Year per 10,000 Population
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	#	%	
Salt Lake	363	384	371	438	431	476	479	499	528	542	4,511	50.9%	4.02
Grand	2	4	4	2	3	4	5	2	7	1	34	0.4%	3.55
Weber	70	70	61	84	76	81	87	102	104	80	815	9.2%	3.29
Carbon	8	6	7	2	9	6	10	7	4	2	61	0.7%	2.99
Summit	7	10	7	12	14	4	10	17	11	16	108	1.2%	2.68
Box Elder	8	8	13	7	20	4	18	11	12	27	128	1.4%	2.41
Davis	84	64	60	70	81	102	81	93	94	89	818	9.2%	2.39
Tooele	10	9	8	13	17	27	11	16	21	13	145	1.6%	2.24
Utah	146	115	95	124	146	126	125	158	134	145	1,314	14.8%	2.22
Cache	20	22	22	33	30	28	30	25	24	28	262	3.0%	2.13
Iron	10	10	11	8	12	8	8	8	21	10	106	1.2%	2.12
Sevier	2	8	5	3	3	3	5	5	3	3	40	0.5%	1.88
Washington	24	22	25	31	23	33	27	30	46	33	294	3.3%	1.83
Garfield	0	0	2	1	2	0	0	2	1	1	9	0.1%	1.81
Duchesne	1	7	2	2	6	4	0	7	3	2	34	0.4%	1.67
Juab	3	0	0	7	2	1	0	1	2	1	17	0.2%	1.54
Wasatch	7	4	1	12	3	1	3	0	7	9	47	0.5%	1.54
Emery	0	5	1	1	3	1	0	0	3	0	14	0.2%	1.37
Piute	0	0	0	0	0	2	0	0	0	0	2	0.0%	1.36
Beaver	1	0	2	2	0	1	0	1	0	0	7	0.1%	1.08
Uintah	7	2	1	6	3	2	1	7	5	3	37	0.4%	1.02
Morgan	0	2	0	1	1	1	0	6	0	0	11	0.1%	0.96
Daggett	0	0	0	0	0	0	0	0	1	0	1	0.0%	0.91
Millard	1	1	0	2	0	1	2	1	3	0	11	0.1%	0.87
Sanpete	1	13	0	2	0	4	0	2	2	1	25	0.3%	0.85
Wayne	1	0	0	0	0	0	0	1	0	0	2	0.0%	0.74
Kane	0	1	0	0	0	0	0	1	3	0	5	0.1%	0.68
San Juan	2	2	0	0	1	2	1	1	1	0	10	0.1%	0.59
Rich	0	0	0	0	0	0	0	0	0	0	0	0.0%	0.00
Total	778	769	698	863	886	922	903	1,003	1,040	1,006	8,868	100.0%	2.91

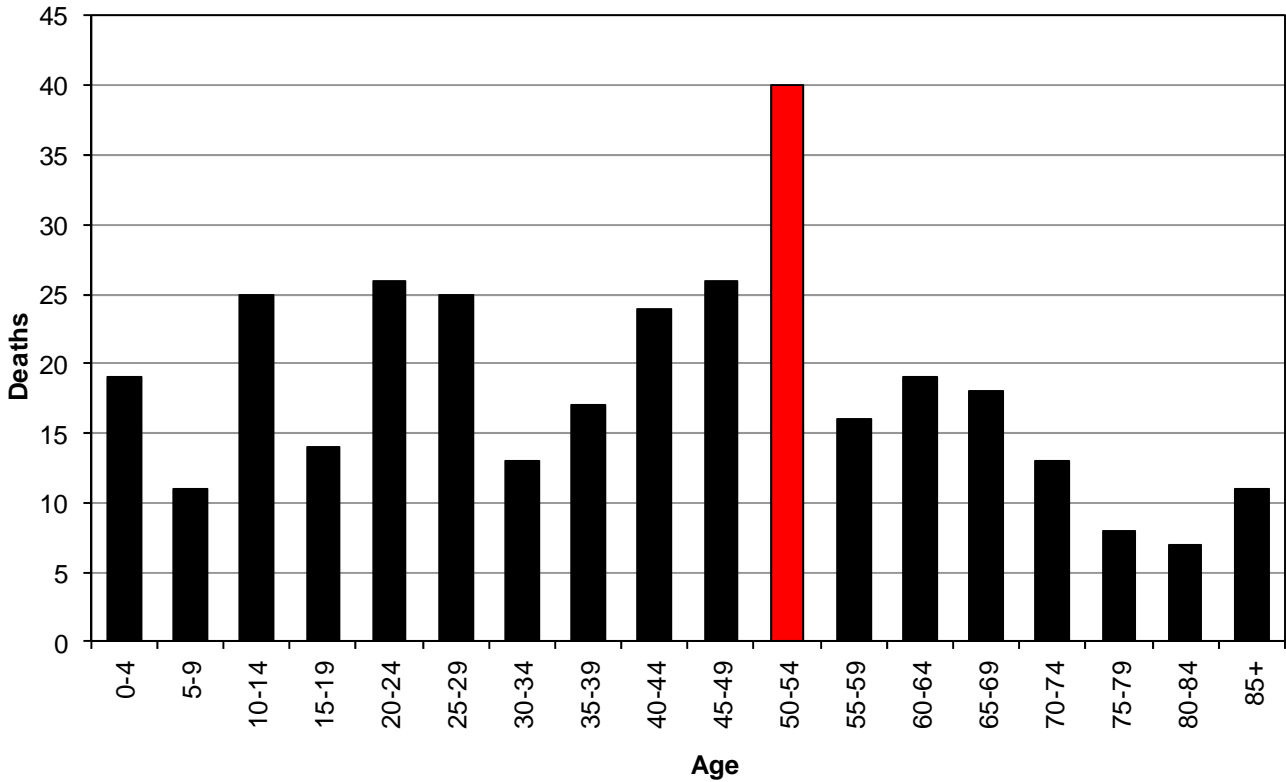
- Salt Lake (4.02), Grand (3.55), Weber (3.29), and Carbon (2.99) counties had the highest rates per population of total pedestrians in crashes per 10,000 population per year over the last 10 years.
- Salt Lake County accounted for 51% of the pedestrians in crashes. Utah County accounted for 15% of the pedestrians, Davis County accounted for 9% of the pedestrians, and Weber County accounted for 9% of the pedestrians. These four counties accounted for 84% of the pedestrians in crashes over the last 10 years.
- Rich County had no pedestrians in crashes.



Trends

Age of Pedestrians Killed (Utah 2007-2016)

Pedestrians Killed												
Age	Year										Total	
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	#	%
0-4	2	2	0	2	1	2	1	1	5	3	19	5.7%
5-9	1	2	0	1	0	1	0	0	1	5	11	3.3%
10-14	0	3	0	3	5	1	2	3	4	4	25	7.5%
15-19	2	0	0	0	2	3	2	2	1	2	14	4.2%
20-24	4	2	3	2	5	1	2	4	3	0	26	7.8%
25-29	2	0	0	2	3	2	3	4	7	2	25	7.5%
30-34	2	1	1	1	3	0	1	1	1	2	13	3.9%
35-39	1	1	0	2	1	4	2	3	0	3	17	5.1%
40-44	3	1	1	2	0	0	1	6	6	4	24	7.2%
45-49	3	7	2	2	2	1	1	5	2	1	26	7.8%
50-54	5	5	3	1	6	8	3	0	3	6	40	12.0%
55-59	1	0	3	0	0	2	3	1	4	2	16	4.8%
60-64	2	0	2	4	1	2	4	1	3	0	19	5.7%
65-69	0	4	1	3	1	0	1	3	3	2	18	5.4%
70-74	1	2	0	1	1	0	2	1	4	1	13	3.9%
75-79	0	3	2	1	0	0	1	1	0	0	8	2.4%
80-84	0	1	1	1	0	2	1	0	0	1	7	2.1%
85+	3	0	1	0	1	2	0	1	2	1	11	3.3%
Total	32	34	20	28	32	31	30	37	49	39	332	100.0%

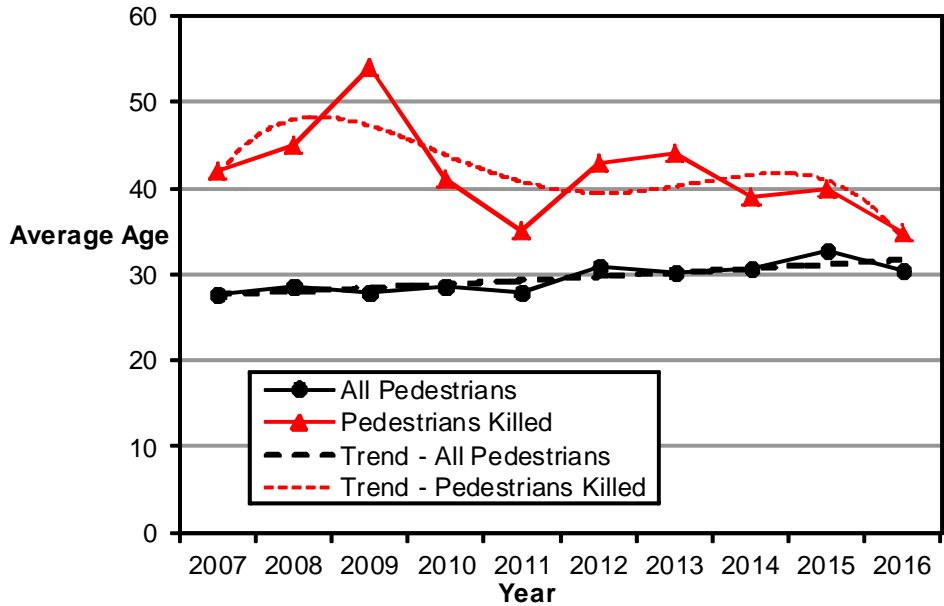


- Pedestrian deaths were highest among the age groups of 50-54, 20-29, 40-49, and 10-14 years.
- Pedestrian deaths were lowest among the age groups of 5-9 and 75+ years.

Trends

Average Age of Pedestrians (Utah 2007-2016)

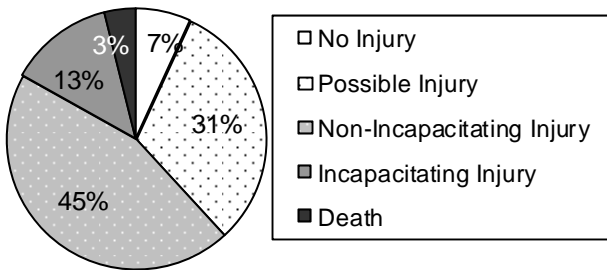
Pedestrians		
Year	Total Mean Age	Killed Mean Age
2007	27.70	42.00
2008	28.70	45.00
2009	28.00	54.00
2010	28.50	41.00
2011	28.00	35.00
2012	30.80	43.00
2013	30.20	44.00
2014	30.67	39.00
2015	32.71	39.80
2016	30.47	34.87
Avg.	29.58	41.77



- The average age of pedestrians in crashes has steadily increased over the last 10 years.
- Pedestrians who died were on average 12 years older than all pedestrians in crashes over the last 10 years.

Pedestrian-Motor Vehicle Crash Conditions

Injury Severity of Pedestrians in Crashes (Utah 2016)



- 89% of pedestrians in crashes sustained an injury.
- The percentage of pedestrians killed in crashes (3.9%) was much higher than the percentage for all persons killed in motor vehicle crashes (0.2%).
- Pedestrian crashes were 11 times more likely to result in a death than other motor vehicle crashes.

Gender of Pedestrians in Crashes (Utah 2016)

Pedestrians								
Gender	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Male	31	44.9%	521	58.0%	34	87.2%	586	58.3%
Female	28	40.6%	365	40.6%	5	12.8%	398	39.6%
Unknown	10	14.5%	12	1.3%	0	0.0%	22	2.2%
Total	69	100.0%	898	100.0%	39	100.0%	1,006	100.0%

- The majority of all pedestrians hit (58%) and pedestrians killed (87%) in crashes were male.

Pedestrian-Motor Vehicle Crash Conditions

Pedestrians in Crashes by County (Utah 2016)

Pedestrians								
County	Non-Injured		Injured		Killed		Total	
	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.
Box Elder	5	0.94	19	3.58	3	0.565	27	5.08
Salt Lake	29	0.26	490	4.37	23	0.205	542	4.83
Summit	2	0.50	14	3.47	0	0.000	16	3.97
Weber	4	0.16	75	3.03	1	0.040	80	3.23
Wasatch	0	0.00	9	2.95	0	0.000	9	2.95
Davis	11	0.32	73	2.13	5	0.146	89	2.60
Utah	8	0.14	135	2.28	2	0.034	145	2.45
Cache	0	0.00	27	2.20	1	0.081	28	2.28
Washington	1	0.06	31	1.93	1	0.062	33	2.06
Garfield	0	0.00	1	2.01	0	0.000	1	2.01
Tooele	2	0.31	10	1.54	1	0.154	13	2.01
Iron	3	0.60	7	1.40	0	0.000	10	2.00
Sevier	2	0.94	0	0.00	1	0.470	3	1.41
Grand	1	1.04	0	0.00	0	0.000	1	1.04
Duchesne	0	0.00	1	0.49	1	0.492	2	0.98
Carbon	0	0.00	2	0.98	0	0.000	2	0.98
Juab	0	0.00	1	0.91	0	0.000	1	0.91
Uintah	1	0.27	2	0.55	0	0.000	3	0.82
Sanpete	0	0.00	1	0.34	0	0.000	1	0.34
Beaver	0	0.00	0	0.00	0	0.000	0	0.00
Daggett	0	0.00	0	0.00	0	0.000	0	0.00
Emery	0	0.00	0	0.00	0	0.000	0	0.00
Kane	0	0.00	0	0.00	0	0.000	0	0.00
Millard	0	0.00	0	0.00	0	0.000	0	0.00
Morgan	0	0.00	0	0.00	0	0.000	0	0.00
Piute	0	0.00	0	0.00	0	0.000	0	0.00
Rich	0	0.00	0	0.00	0	0.000	0	0.00
San Juan	0	0.00	0	0.00	0	0.000	0	0.00
Wayne	0	0.00	0	0.00	0	0.000	0	0.00
Statewide	69	0.23	898	2.94	39	0.128	1,006	3.30

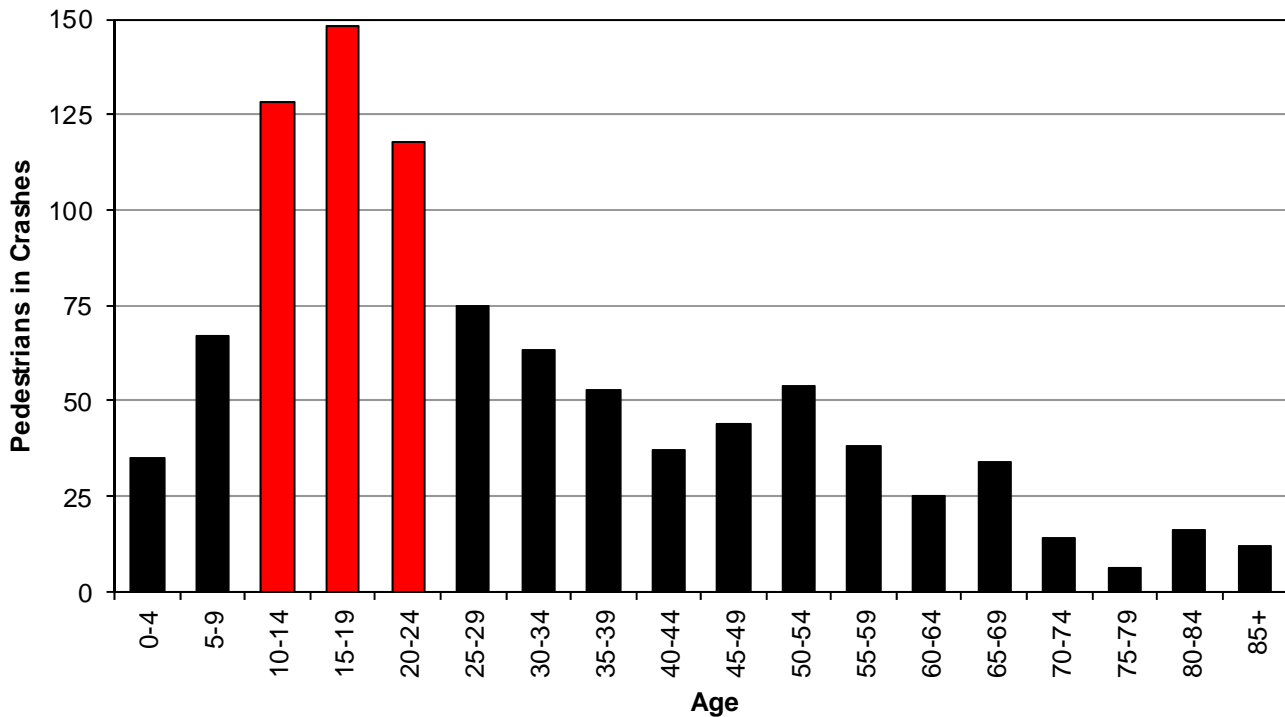
- Urban areas (3.55) had a much higher total pedestrian-motor vehicle crash rate per 10,000 population than rural areas (1.92).
- Box Elder (5.08), Salt Lake (4.83), and Summit (3.97) counties had the highest rates of pedestrians in crashes per 10,000 population.
- Salt Lake County accounted for 54% of the pedestrians in crashes and 59% of the pedestrian deaths.
- Beaver, Daggett, Emery, Kane, Millard, Morgan, Piute, Rich, San Juan, and Wayne counties had no pedestrians in crashes.

Pedestrians								
Location	Non-Injured		Injured		Killed		Total	
	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.
Urban	53	0.20	831	3.21	33	0.128	917	3.55
Rural	16	0.34	67	1.44	6	0.129	89	1.92
Total	69	0.23	898	2.94	39	0.128	1,006	3.30

Pedestrian-Motor Vehicle Crash Conditions

Age of Pedestrians in Crashes (Utah 2016)

Pedestrians								
Age	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
0-4	1	1.4%	31	3.5%	3	7.7%	35	3.5%
5-9	3	4.3%	59	6.6%	5	12.8%	67	6.7%
10-14	6	8.7%	118	13.1%	4	10.3%	128	12.7%
15-19	17	24.6%	129	14.4%	2	5.1%	148	14.7%
20-24	2	2.9%	116	12.9%	0	0.0%	118	11.7%
25-29	7	10.1%	66	7.3%	2	5.1%	75	7.5%
30-34	6	8.7%	55	6.1%	2	5.1%	63	6.3%
35-39	5	7.2%	45	5.0%	3	7.7%	53	5.3%
40-44	1	1.4%	32	3.6%	4	10.3%	37	3.7%
45-49	1	1.4%	42	4.7%	1	2.6%	44	4.4%
50-54	1	1.4%	47	5.2%	6	15.4%	54	5.4%
55-59	0	0.0%	36	4.0%	2	5.1%	38	3.8%
60-64	0	0.0%	25	2.8%	0	0.0%	25	2.5%
65-69	1	1.4%	31	3.5%	2	5.1%	34	3.4%
70-74	0	0.0%	13	1.4%	1	2.6%	14	1.4%
75-79	0	0.0%	6	0.7%	0	0.0%	6	0.6%
80-84	0	0.0%	15	1.7%	1	2.6%	16	1.6%
85+	1	1.4%	10	1.1%	1	2.6%	12	1.2%
Unknown	17	24.6%	22	2.4%	0	0.0%	39	3.9%
Total	69	100.0%	898	100.0%	39	100.0%	1,006	100.0%

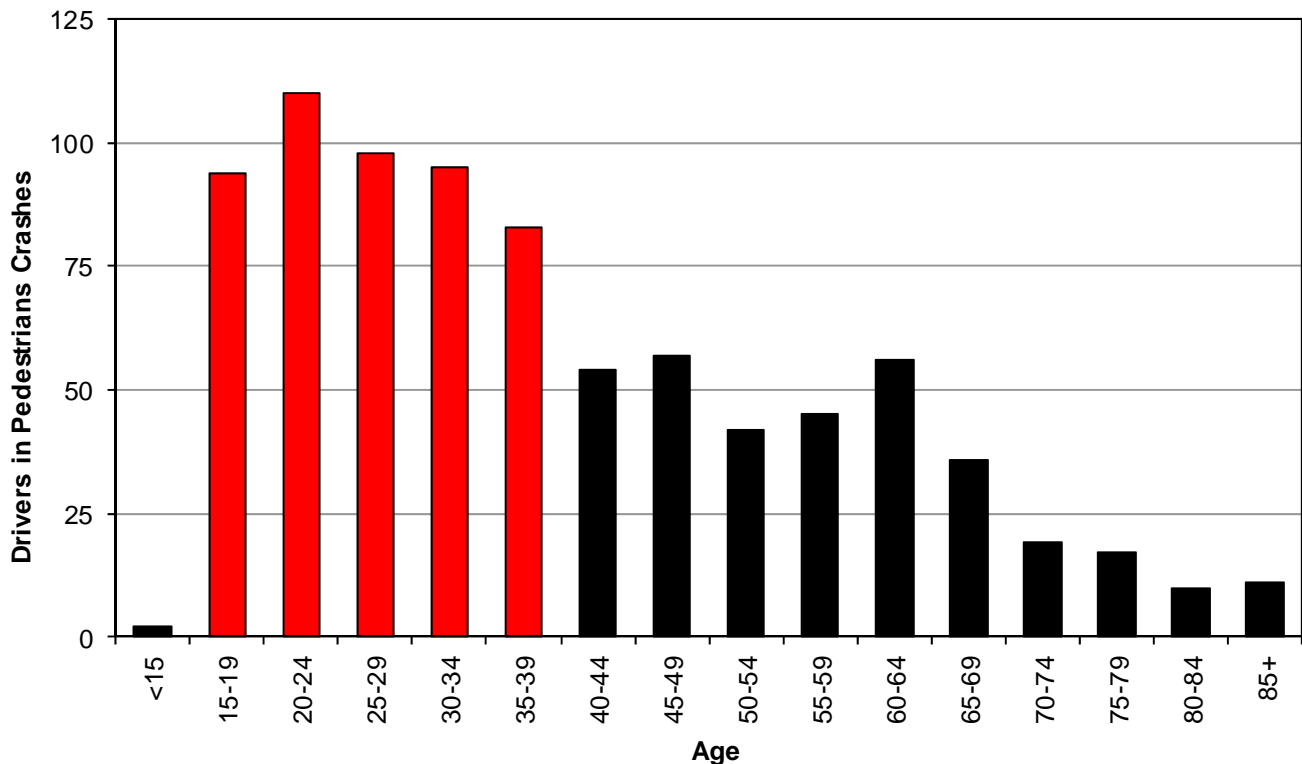


- Overall, the largest percentages of pedestrians in crashes were aged 10-24 years (39%).
- The highest percentage of pedestrian deaths occurred in the 5-9 and 50-54 year age groups.

Pedestrian-Motor Vehicle Crash Conditions

Driver Age (Utah 2016)

Drivers (Pedestrian-Motor Vehicle Crashes)								
Age	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
<15	0	0.0%	1	0.1%	1	2.4%	2	0.2%
15-19	5	10.2%	83	9.4%	6	14.6%	94	9.7%
20-24	4	8.2%	103	11.7%	3	7.3%	110	11.3%
25-29	8	16.3%	87	9.9%	3	7.3%	98	10.1%
30-34	6	12.2%	85	9.7%	4	9.8%	95	9.8%
35-39	6	12.2%	73	8.3%	4	9.8%	83	8.6%
40-44	2	4.1%	50	5.7%	2	4.9%	54	5.6%
45-49	4	8.2%	49	5.6%	4	9.8%	57	5.9%
50-54	5	10.2%	33	3.8%	4	9.8%	42	4.3%
55-59	3	6.1%	38	4.3%	4	9.8%	45	4.6%
60-64	0	0.0%	55	6.3%	1	2.4%	56	5.8%
65-69	2	4.1%	33	3.8%	1	2.4%	36	3.7%
70-74	1	2.0%	18	2.0%	0	0.0%	19	2.0%
75-79	0	0.0%	16	1.8%	1	2.4%	17	1.8%
80-84	0	0.0%	10	1.1%	0	0.0%	10	1.0%
85+	0	0.0%	11	1.3%	0	0.0%	11	1.1%
Unknown	3	6.1%	135	15.3%	3	7.3%	141	14.5%
Total	49	100.0%	880	100.0%	41	100.0%	970	100.0%



- Over one-half (58% of known) of drivers in total pedestrian-motor vehicle crashes were under 40 years.
- Drivers in fatal pedestrian-motor vehicle crashes was highest among the 15-19 year age group.
- The average age of a driver was 40 years.

Pedestrian-Motor Vehicle Crash Conditions

Driver Gender (Utah 2016)

Drivers (Pedestrian-Motor Vehicle Crashes)								
Gender	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Male	31	63.3%	435	49.4%	24	58.5%	490	50.5%
Female	16	32.7%	339	38.5%	14	34.1%	369	38.0%
Unknown	2	4.1%	106	12.0%	3	7.3%	111	11.4%
Total	49	100.0%	880	100.0%	41	100.0%	970	100.0%

- The majority of drivers in total pedestrian crashes (57% of known) and fatal crashes (63%) were male.

Pedestrian-Motor Vehicle Crashes by Month (Utah 2016)

Pedestrians								
Month	Non-Injured		Injured		Killed		Total	
	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day
January	7	0.23	74	2.39	4	0.13	85	2.74
February	3	0.10	59	2.03	4	0.14	66	2.28
March	4	0.13	68	2.19	3	0.10	75	2.42
April	2	0.07	52	1.73	3	0.10	57	1.90
May	6	0.19	71	2.29	1	0.03	78	2.52
June	9	0.30	59	1.97	4	0.13	72	2.40
July	6	0.19	73	2.35	3	0.10	82	2.65
August	9	0.29	69	2.23	0	0.00	78	2.52
September	5	0.17	95	3.17	6	0.20	106	3.53
October	5	0.16	94	3.03	3	0.10	102	3.29
November	8	0.27	100	3.33	6	0.20	114	3.80
December	5	0.16	84	2.71	2	0.06	91	2.94
Total	69	0.19	898	2.45	39	0.11	1,006	2.75

- November, September, and October had the highest rates per day of total pedestrian-motor vehicle crashes.
- September and November had the highest rates per day of pedestrian deaths.

Pedestrian-Motor Vehicle Crashes by Day of Week (Utah 2016)

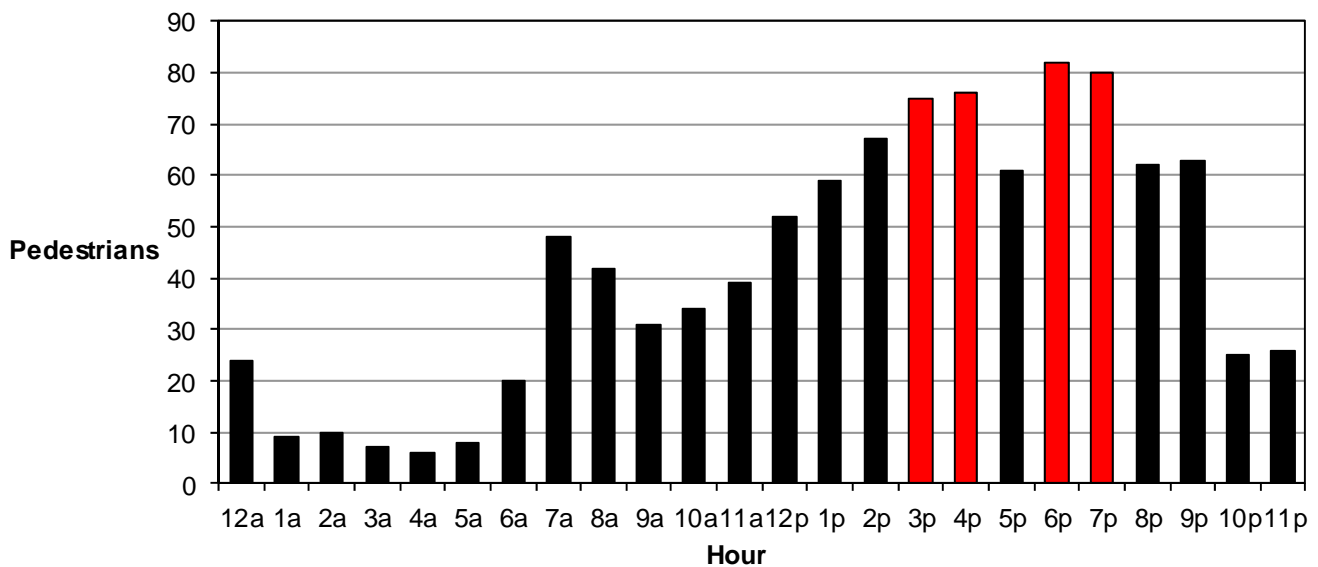
Pedestrians								
Day of Week	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Sunday	5	7.2%	68	7.6%	3	7.7%	76	7.6%
Monday	8	11.6%	141	15.7%	7	17.9%	156	15.5%
Tuesday	13	18.8%	155	17.3%	7	17.9%	175	17.4%
Wednesday	10	14.5%	135	15.0%	8	20.5%	153	15.2%
Thursday	12	17.4%	166	18.5%	1	2.6%	179	17.8%
Friday	8	11.6%	141	15.7%	7	17.9%	156	15.5%
Saturday	13	18.8%	92	10.2%	6	15.4%	111	11.0%
Total	69	100.0%	898	100.0%	39	100.0%	1,006	100.0%

- The highest percentage of total pedestrian-motor vehicle crashes (18%) occurred on Thursday.
- Wednesday had the highest number of pedestrian deaths.

Pedestrian-Motor Vehicle Crash Conditions

Pedestrian-Motor Vehicle Crashes by Hour (Utah 2016)

Pedestrians								
Hour	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Midnight	2	2.9%	22	2.4%	0	0.0%	24	2.4%
1 a.m.	0	0.0%	8	0.9%	1	2.6%	9	0.9%
2 a.m.	1	1.4%	9	1.0%	0	0.0%	10	1.0%
3 a.m.	1	1.4%	5	0.6%	1	2.6%	7	0.7%
4 a.m.	0	0.0%	6	0.7%	0	0.0%	6	0.6%
5 a.m.	0	0.0%	7	0.8%	1	2.6%	8	0.8%
6 a.m.	0	0.0%	18	2.0%	2	5.1%	20	2.0%
7 a.m.	1	1.4%	45	5.0%	2	5.1%	48	4.8%
8 a.m.	0	0.0%	41	4.6%	1	2.6%	42	4.2%
9 a.m.	4	5.8%	27	3.0%	0	0.0%	31	3.1%
10 a.m.	2	2.9%	30	3.3%	2	5.1%	34	3.4%
11 a.m.	3	4.3%	34	3.8%	2	5.1%	39	3.9%
Noon	5	7.2%	46	5.1%	1	2.6%	52	5.2%
1 p.m.	6	8.7%	50	5.6%	3	7.7%	59	5.9%
2 p.m.	5	7.2%	61	6.8%	1	2.6%	67	6.7%
3 p.m.	8	11.6%	67	7.5%	0	0.0%	75	7.5%
4 p.m.	4	5.8%	68	7.6%	4	10.3%	76	7.6%
5 p.m.	3	4.3%	58	6.5%	0	0.0%	61	6.1%
6 p.m.	5	7.2%	74	8.2%	3	7.7%	82	8.2%
7 p.m.	5	7.2%	70	7.8%	5	12.8%	80	8.0%
8 p.m.	4	5.8%	55	6.1%	3	7.7%	62	6.2%
9 p.m.	6	8.7%	53	5.9%	4	10.3%	63	6.3%
10 p.m.	2	2.9%	21	2.3%	2	5.1%	25	2.5%
11 p.m.	2	2.9%	23	2.6%	1	2.6%	26	2.6%
Total	69	100.0%	898	100.0%	39	100.0%	1,006	100.0%



- Total pedestrian-motor vehicle crashes were highest between 3:00 p.m. and 7:59 p.m.
- Fatal pedestrian-motor vehicle crashes were highest during the 7:00 p.m., 4:00 p.m., and 9:00 p.m. hours.

Pedestrian-Motor Vehicle Crash Conditions

Contributing Factors of Pedestrians in Crashes (Utah 2016)

Pedestrians								
Contributing Factors	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
None	34	49.3%	457	50.9%	11	28.2%	502	49.9%
Improper Crossing	6	8.7%	94	10.5%	10	25.6%	110	10.9%
Darting	8	11.6%	66	7.3%	6	15.4%	80	8.0%
Not Visible	2	2.9%	48	5.3%	1	2.6%	51	5.1%
Inattentive	1	1.4%	40	4.5%	1	2.6%	42	4.2%
Failure to Obey Traffic Signs/Signals	1	1.4%	29	3.2%	1	2.6%	31	3.1%
In Roadway Improperly	3	4.3%	23	2.6%	1	2.6%	27	2.7%
Failure to Yield Right of Way	0	0.0%	23	2.6%	1	2.6%	24	2.4%
Other	3	4.3%	46	5.1%	2	5.1%	51	5.1%
Unknown	11	15.9%	72	8.0%	5	12.8%	88	8.7%
Total	69	100.0%	898	100.0%	39	100.0%	1,006	100.0%

- Improper crossing and darting were the leading contributing factors for pedestrians in total crashes.
- No contributing factors were listed for 32% (of known) of the pedestrians killed and 55% of total pedestrians.

Location of Pedestrians in Crashes (Utah 2016)

Pedestrians								
Pedestrian Location	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Marked Crosswalk at Intersection	22	31.9%	366	40.8%	5	12.8%	393	39.1%
In Roadway (not at intersection/crosswalk)	12	17.4%	185	20.6%	26	66.7%	223	22.2%
Unmarked Crosswalk	7	10.1%	67	7.5%	3	7.7%	77	7.7%
Sidewalk	2	2.9%	59	6.6%	1	2.6%	62	6.2%
Mid-Block Crosswalk	5	7.2%	45	5.0%	0	0.0%	50	5.0%
Shoulder	4	5.8%	41	4.6%	3	7.7%	48	4.8%
Outside Right of Way	1	1.4%	7	0.8%	0	0.0%	8	0.8%
Median/Island	1	1.4%	4	0.4%	1	2.6%	6	0.6%
Path/Trail (bike or shared use)	0	0.0%	3	0.3%	0	0.0%	3	0.3%
Other	7	10.1%	94	10.5%	0	0.0%	101	10.0%
Unknown	8	11.6%	27	3.0%	0	0.0%	35	3.5%
Total	69	100.0%	898	100.0%	39	100.0%	1,006	100.0%

- Over half (52%) of pedestrians struck by motor vehicles were in a crosswalk.
- In roadway (not at intersection/crosswalk) accounted for two-thirds of the locations for pedestrians killed.

Alcohol Test Results of Pedestrians Killed (Utah 2016)

Pedestrian Deaths			
Alcohol Test Results	#	%	% of tested
0.00	23	59.0%	82.1%
0.01-0.07	1	2.6%	3.6%
0.08+	4	10.3%	14.3%
Not Tested	11	28.2%	n/a
Total	39	100.0%	100.0%

- 72% of pedestrians killed in crashes were tested for alcohol. Of these 82% had a blood alcohol concentration (BAC) of 0.00, 4% had a BAC of 0.01-0.07, and 14% had a BAC of 0.08+.

Pedestrian-Motor Vehicle Crash Conditions

Action of Pedestrians in Crashes (Utah 2016)

Pedestrian Action	Pedestrians							
	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Entering or Crossing Road	38	55.1%	573	63.8%	25	64.1%	636	63.2%
In Roadway Other	8	11.6%	57	6.3%	6	15.4%	71	7.1%
Walking on Sidewalk	3	4.3%	44	4.9%	0	0.0%	47	4.7%
Walking Along Roadway with Traffic	0	0.0%	30	3.3%	2	5.1%	32	3.2%
Walking Along Roadway Against Traffic	0	0.0%	24	2.7%	0	0.0%	24	2.4%
Adjacent to Roadway	2	2.9%	19	2.1%	1	2.6%	22	2.2%
Waiting to Cross Roadway	3	4.3%	18	2.0%	0	0.0%	21	2.1%
Going to/from School	1	1.4%	12	1.3%	0	0.0%	13	1.3%
Working on Vehicle	1	1.4%	10	1.1%	0	0.0%	11	1.1%
Working in Trafficway	0	0.0%	10	1.1%	0	0.0%	10	1.0%
Pushing Motor Vehicle	0	0.0%	2	0.2%	0	0.0%	2	0.2%
Other	6	8.7%	77	8.6%	4	10.3%	87	8.6%
Unknown	7	10.1%	22	2.4%	1	2.6%	30	3.0%
Total	69	100.0%	898	100.0%	39	100.0%	1,006	100.0%

- The leading actions of pedestrians in total crashes were entering/crossing road and in roadway other.
- The leading actions of pedestrians killed were entering/crossing road and in roadway other.

Vehicle Maneuver Prior to Crash (Utah 2016)

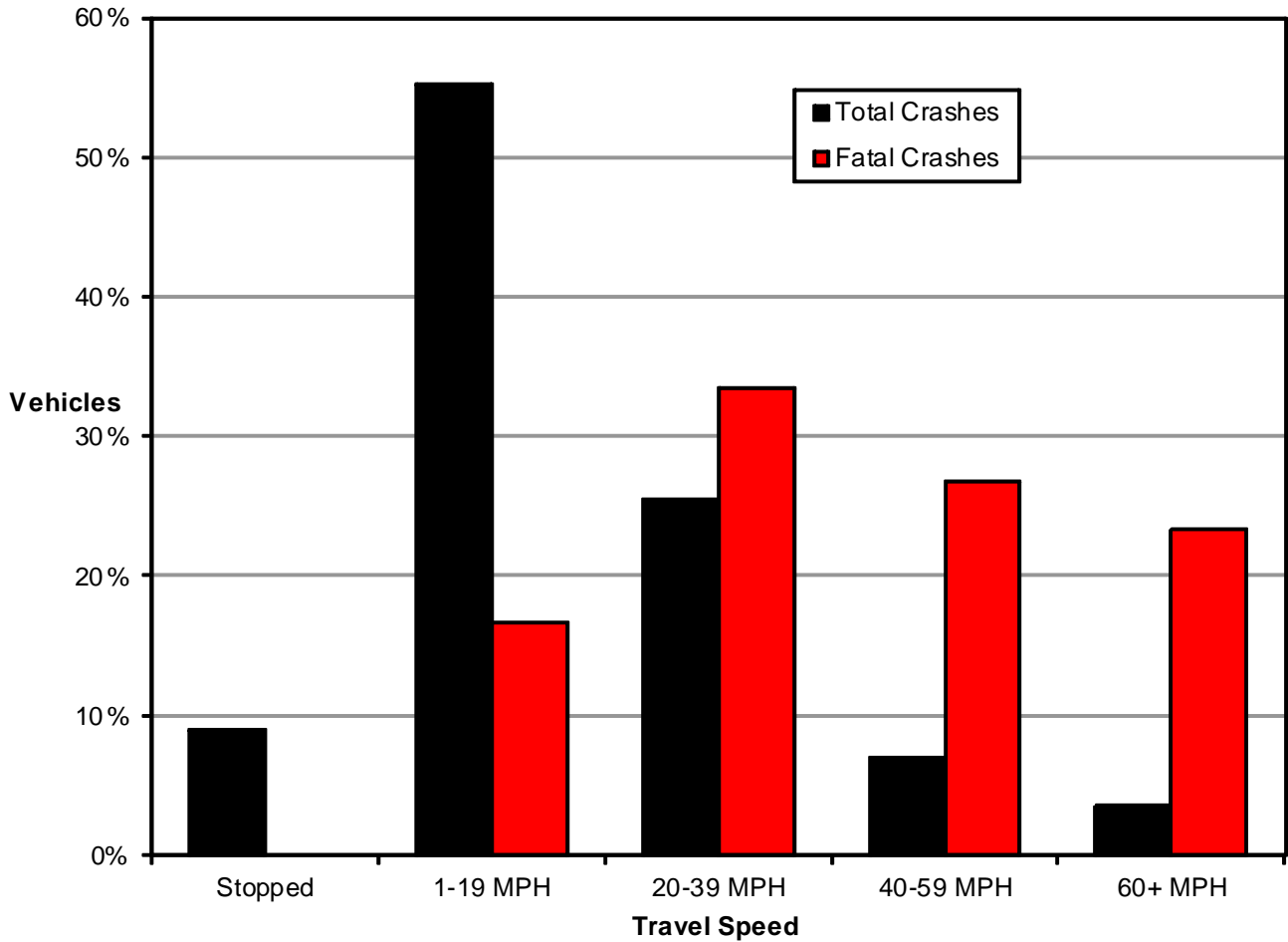
Vehicle Maneuver	Vehicles (Pedestrian-Motor Vehicle Crashes)							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Straight Ahead	28	49.1%	425	46.2%	31	75.6%	484	47.5%
Turning Left	2	3.5%	153	16.6%	3	7.3%	158	15.5%
Turning Right	1	1.8%	151	16.4%	0	0.0%	152	14.9%
Backing	3	5.3%	61	6.6%	3	7.3%	67	6.6%
Parked/Parking	5	8.8%	39	4.2%	0	0.0%	44	4.3%
Stopped/Slowing in Traffic Lane	11	19.3%	25	2.7%	0	0.0%	36	3.5%
Entering/Leaving Traffic Lane	1	1.8%	13	1.4%	0	0.0%	14	1.4%
Changing Lanes	0	0.0%	6	0.7%	2	4.9%	8	0.8%
Making U-Turn	1	1.8%	1	0.1%	0	0.0%	2	0.2%
Overtaking/Passing	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other	3	5.3%	15	1.6%	1	2.4%	19	1.9%
Unknown	2	3.5%	31	3.4%	1	2.4%	34	3.3%
Total	57	100.0%	920	100.0%	41	100.0%	1,018	100.0%

- The leading vehicle maneuvers prior to the crash were straight ahead (48%), turning left (16%), and turning right (15%).

Pedestrian-Motor Vehicle Crash Conditions

Travel Speed of Vehicles in Pedestrian Crashes (Utah 2016)

Vehicles (Pedestrian-Motor Vehicle Crashes)								
Travel Speed	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Parked	5	8.8%	31	3.4%	0	0.0%	36	3.5%
Stopped	9	15.8%	15	1.6%	0	0.0%	24	2.4%
1-9 MPH	8	14.0%	211	22.9%	3	7.3%	222	21.8%
10-19 MPH	6	10.5%	140	15.2%	2	4.9%	148	14.5%
20-29 MPH	4	7.0%	86	9.3%	2	4.9%	92	9.0%
30-39 MPH	6	10.5%	62	6.7%	8	19.5%	76	7.5%
40-49 MPH	2	3.5%	26	2.8%	6	14.6%	34	3.3%
50-59 MPH	4	7.0%	7	0.8%	2	4.9%	13	1.3%
60-69 MPH	2	3.5%	7	0.8%	4	9.8%	13	1.3%
70+ MPH	2	3.5%	6	0.7%	3	7.3%	11	1.1%
Unknown	9	15.8%	329	35.8%	11	26.8%	349	34.3%
Total	57	100.0%	920	100.0%	41	100.0%	1,018	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 12.7 times more likely to die.
- While 1% of pedestrians hit by a vehicle traveling 1-19 MPH died, 17% of pedestrians struck by a vehicle traveling 40-59 MPH died, and 29% of pedestrians died who were struck by a vehicle traveling 60+ MPH.

Pedestrian-Motor Vehicle Crash Conditions

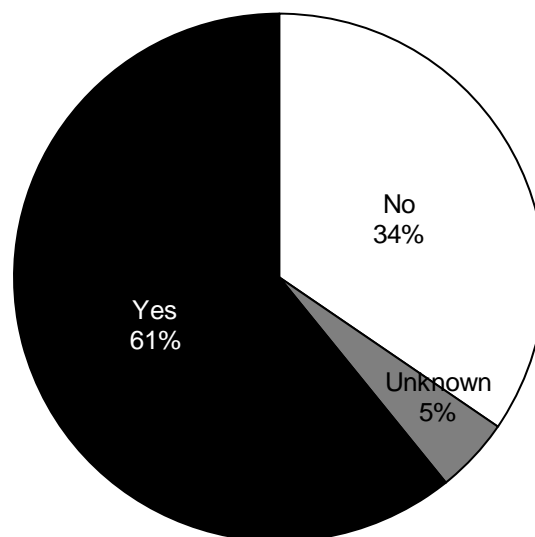
Pedestrian-Motor Vehicle Crashes by Speed Limit (Utah 2016)

Vehicles (Pedestrian-Motor Vehicle Crashes)								
Speed Limit	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
5-15 MPH	2	3.5%	35	3.8%	0	0.0%	37	3.6%
20-25 MPH	5	8.8%	173	18.8%	7	17.1%	185	18.2%
30-35 MPH	11	19.3%	187	20.3%	10	24.4%	208	20.4%
40-45 MPH	13	22.8%	123	13.4%	9	22.0%	145	14.2%
50-55 MPH	5	8.8%	18	2.0%	3	7.3%	26	2.6%
60-65 MPH	1	1.8%	3	0.3%	3	7.3%	7	0.7%
70+ MPH	6	10.5%	12	1.3%	3	7.3%	21	2.1%
Unknown	14	24.6%	369	40.1%	6	14.6%	389	38.2%
Total	57	100.0%	920	100.0%	41	100.0%	1,018	100.0%

- The majority (86% of known) of total pedestrian crashes occurred where the speed limit was 20-45 MPH.
- The majority (74% of known) of fatal pedestrian crashes occurred where the speed limit was 20-45 MPH.

Drivers in Pedestrian Crashes with Contributing Factors (Utah 2016)

Drivers/Vehicles (Pedestrian-Motor Vehicle Crashes)								
Driver/Vehicle with a Contributing Factor(s)	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Yes	29	50.9%	570	62.0%	20	48.8%	619	60.8%
No	27	47.4%	307	33.4%	18	43.9%	352	34.6%
Unknown	1	1.8%	43	4.7%	3	7.3%	47	4.6%
Total	57	100.0%	920	100.0%	41	100.0%	1,018	100.0%



- 61% of drivers in total pedestrian crashes had a contributing factor.
- 49% of drivers in fatal pedestrian crashes had a contributing factor.

Pedestrian-Motor Vehicle Crash Conditions

Driver Contributing Factors in Pedestrian Crashes (Utah 2016)

Drivers/Vehicles (Pedestrian-Motor Vehicle Crashes)								
Contributing Factors	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Failed to Yield Right of Way	6	11.1%	324	33.5%	4	11.8%	334	31.7%
Hit and Run	5	9.3%	93	9.6%	3	8.8%	101	9.6%
Other Improper Driving	3	5.6%	87	9.0%	1	2.9%	91	8.6%
Driver Distraction	4	7.4%	66	6.8%	6	17.6%	76	7.2%
Vision Obscured by Weather Condition	2	3.7%	51	5.3%	2	5.9%	55	5.2%
Improper Backing	1	1.9%	38	3.9%	1	2.9%	40	3.8%
Speed Too Fast	5	9.3%	26	2.7%	8	23.5%	39	3.7%
Vision Obscured by Glare	0	0.0%	32	3.3%	0	0.0%	32	3.0%
Failed to Keep in Proper Lane	3	5.6%	24	2.5%	1	2.9%	28	2.7%
Disregard Traffic Signal/Sign	0	0.0%	25	2.6%	0	0.0%	25	2.4%
Followed Too Closely	8	14.8%	13	1.3%	0	0.0%	21	2.0%
Vehicle Other Defective Condition	2	3.7%	18	1.9%	0	0.0%	20	1.9%
Vision Obscured by Parked Vehicle	2	3.7%	17	1.8%	0	0.0%	19	1.8%
Driving Under the Influence	3	5.6%	11	1.1%	2	5.9%	16	1.5%
Improper Turn	0	0.0%	16	1.7%	0	0.0%	16	1.5%
Vision Obscured by Moving Vehicle	0	0.0%	16	1.7%	0	0.0%	16	1.5%
Reckless/Aggressive Driving	0	0.0%	11	1.1%	3	8.8%	14	1.3%
Driver Condition Other	0	0.0%	13	1.3%	0	0.0%	13	1.2%
Vision Obscured by Other	2	3.7%	11	1.1%	0	0.0%	13	1.2%
Ran Off Road	2	3.7%	10	1.0%	0	0.0%	12	1.1%
Swerved or Evasive Action	2	3.7%	9	0.9%	0	0.0%	11	1.0%
Improper Parking/Stopping	1	1.9%	9	0.9%	0	0.0%	10	0.9%
Vision Obscured by Building, Sign	1	1.9%	9	0.9%	0	0.0%	10	0.9%
Disregard Road Markings	0	0.0%	7	0.7%	0	0.0%	7	0.7%
Windshield or Other Window Obscured	0	0.0%	6	0.6%	0	0.0%	6	0.6%
Vehicle Brakes	0	0.0%	5	0.5%	0	0.0%	5	0.5%
Driver Emotional Prior to Crash	0	0.0%	3	0.3%	1	2.9%	4	0.4%
Driver Illness/Medical	0	0.0%	4	0.4%	0	0.0%	4	0.4%
Vision Obscured by Vegetation	1	1.9%	3	0.3%	0	0.0%	4	0.4%
Wrong Side/Wrong Way	0	0.0%	4	0.4%	0	0.0%	4	0.4%
Driver Asleep/Fatigue	0	0.0%	2	0.2%	1	2.9%	3	0.3%
Improper Lane Change	1	1.9%	0	0.0%	1	2.9%	2	0.2%
Improper Passing	0	0.0%	2	0.2%	0	0.0%	2	0.2%
Overcorrected	0	0.0%	1	0.1%	0	0.0%	1	0.1%
Improper Signal	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	54	100.0%	966	100.0%	34	100.0%	1,054	100.0%

- Failed to yield right of way (32%), hit and run (10%), and driver distraction (7%) were the leading contributing factors in total pedestrian-motor vehicle crashes.
- Speed too fast (24%) and driver distraction (18%) and were the leading contributing factors in fatal pedestrian-motor vehicle crashes.