

Pedestrians



Section 11: Pedestrians

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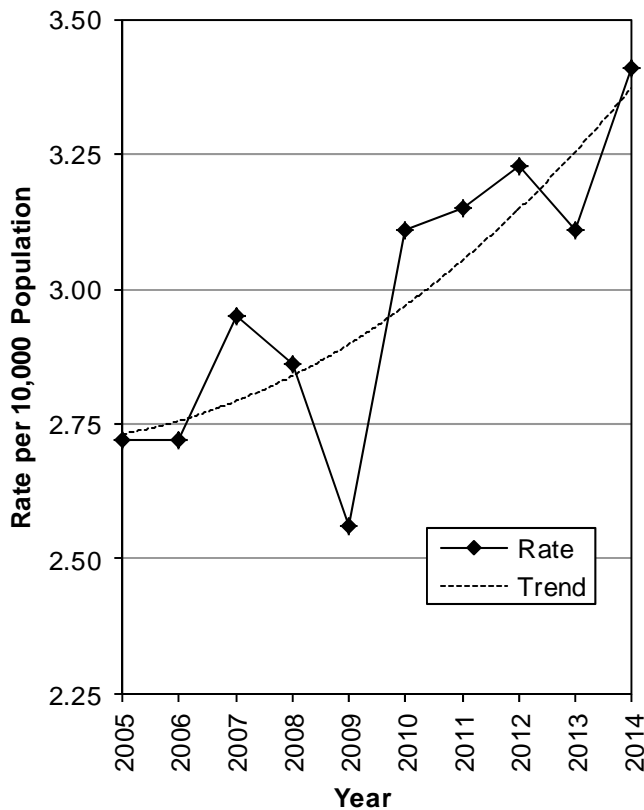
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Trends

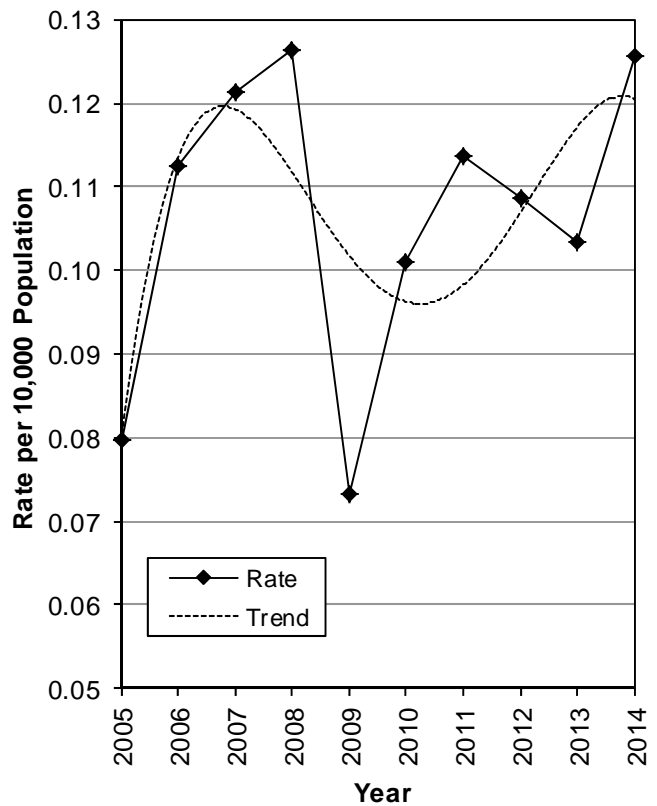
Pedestrians in Crashes (Utah 2005-2014)

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.
2005	35	0.14	626	2.50	20	0.080	681	2.72
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
Total	739	0.27	7,172	2.61	293	0.107	8,204	2.99

Pedestrian Crash Rates Per Population (Utah 2005-2014)



Pedestrian Death Rates Per Population (Utah 2005-2014)



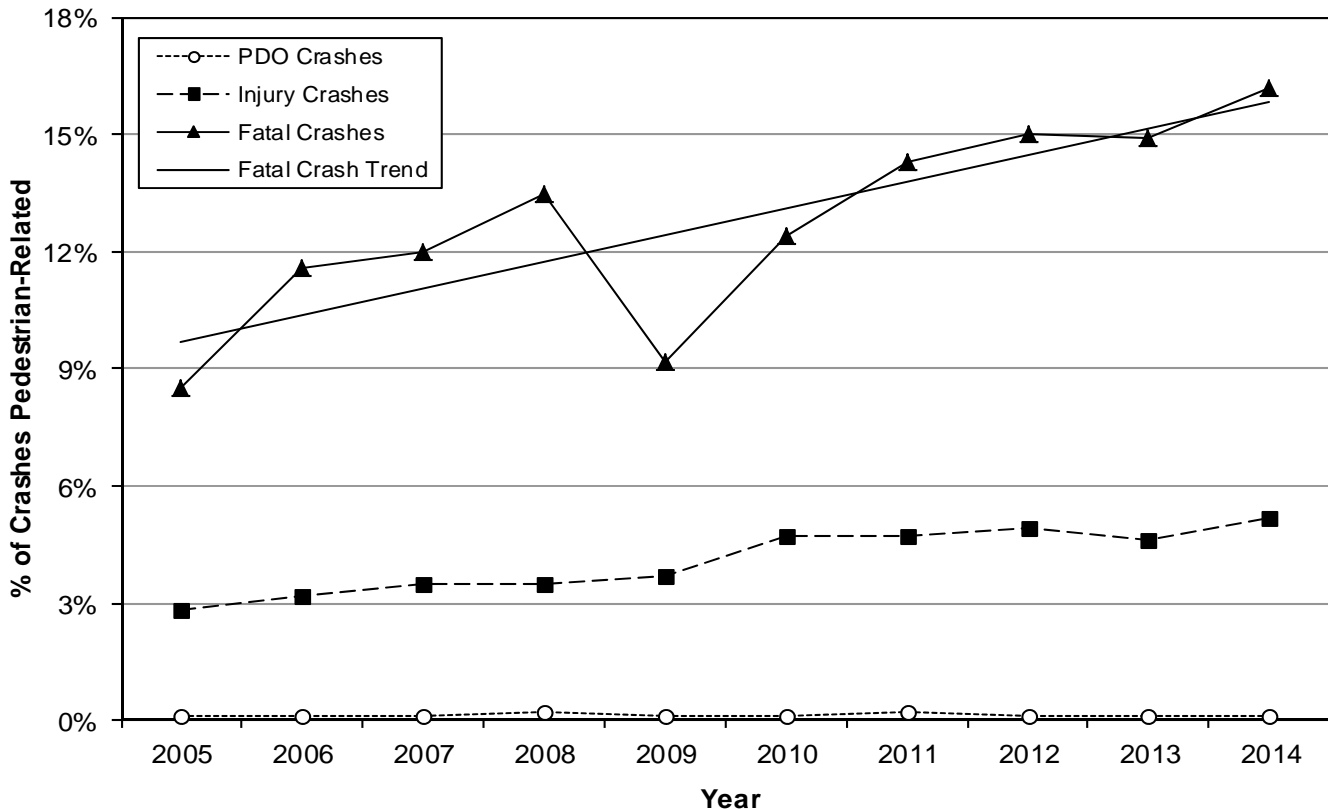
- The total rate per population of pedestrians in crashes increased 25% from 2005 to 2014.
- 2014 had the highest rate per population of total pedestrians in crashes in the last 10 years. 2009 had the lowest rate.
- The pedestrian death rate per population increased 58% from 2005 to 2014.
- 2008 had the highest rate per population of pedestrians killed in crashes (0.126), while 2009 had the lowest rate (0.073).

Trends

Pedestrian-Motor Vehicle Crashes (Utah 2005-2014)

Year	Property Damage Only			Injury			Fatal			Total		
	All	Pedestrian		All	Pedestrian		All	Pedestrian		All	Pedestrian	
	#	#	%	#	#	%	#	#	%	#	#	%
2005	35,158	28	0.1%	19,545	552	2.8%	235	20	8.5%	54,938	600	1.1%
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%
Total	371,567	458	0.1%	168,195	6,788	4.0%	2,270	288	12.7%	542,032	7,534	1.4%

Percent of Crashes Pedestrian-Related (Utah 2005-2014)

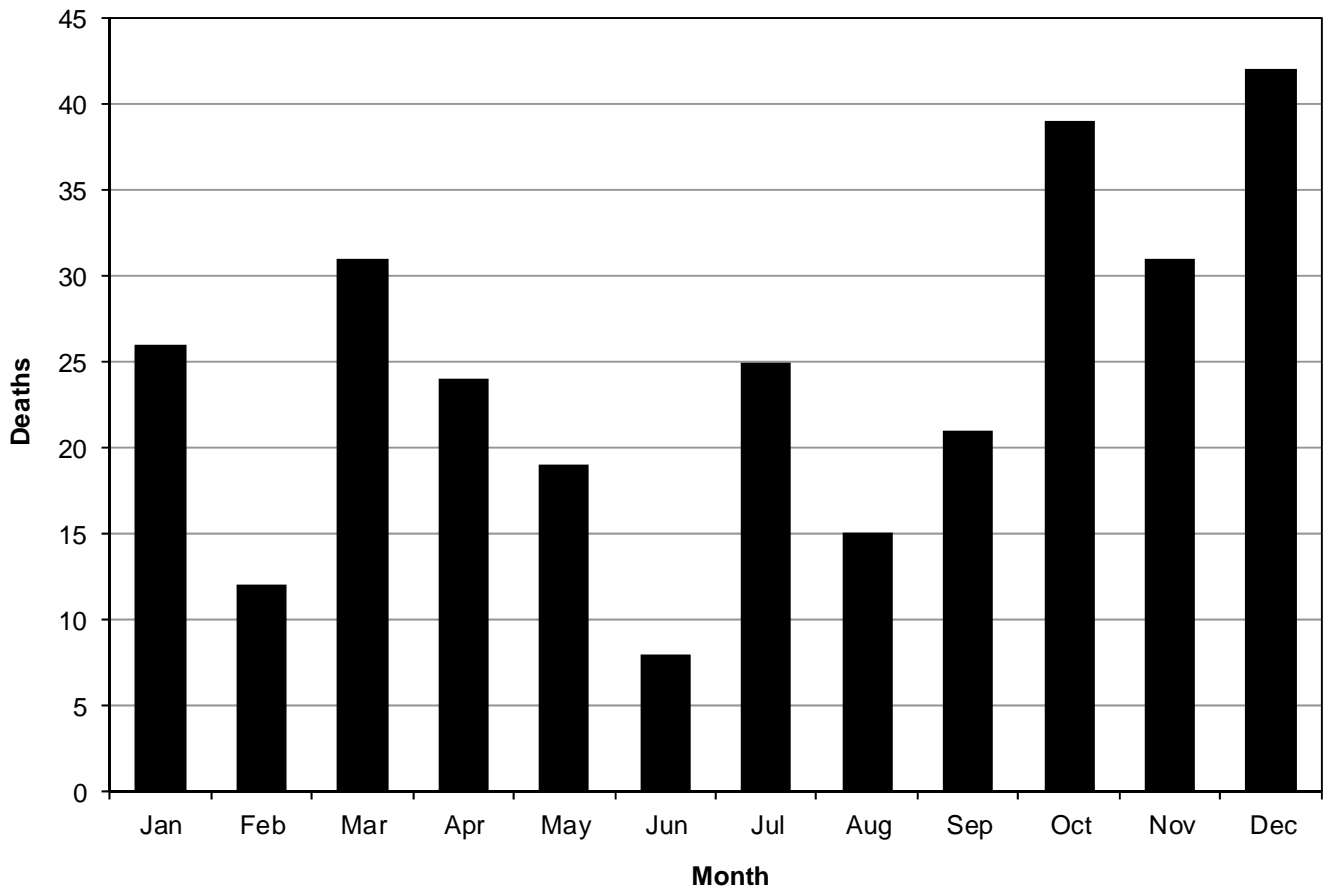


- The 10-year trend shows that pedestrian-motor vehicle crashes represent 0.1% of property damage only crashes, 4.0% of injury crashes, and 12.7% of fatal crashes.
- Pedestrians are over-represented in fatal crashes accounting for 12.7% of fatal crashes compared to 1.4% of total crashes.
- The percent of injury crashes with a pedestrian increased in 2014 to the highest amount in the past 10 years.
- During the last 10 years, the highest percent of fatal crashes involving pedestrians occurred in 2014 (16.2%).

Trends

Pedestrian Deaths by Month (Utah 2005-2014)

Deaths												
Month	Year										Total	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	#	%
January	1	4	5	5	1	2	3	0	0	5	26	8.9%
February	4	1	1	0	2	1	0	2	1	0	12	4.1%
March	1	5	2	2	2	1	2	5	5	6	31	10.6%
April	0	2	4	1	2	3	1	3	3	5	24	8.2%
May	1	0	2	2	4	4	0	2	0	4	19	6.5%
June	0	1	1	0	0	1	3	0	1	1	8	2.7%
July	2	2	3	5	0	2	1	2	4	4	25	8.5%
August	2	1	0	5	1	0	3	1	2	0	15	5.1%
September	2	3	2	0	1	3	3	4	0	3	21	7.2%
October	3	4	3	3	3	3	5	6	4	5	39	13.3%
November	1	3	1	5	2	3	5	3	7	1	31	10.6%
December	3	3	8	6	2	5	6	3	3	3	42	14.3%
Total	20	29	32	34	20	28	32	31	30	37	293	100.0%

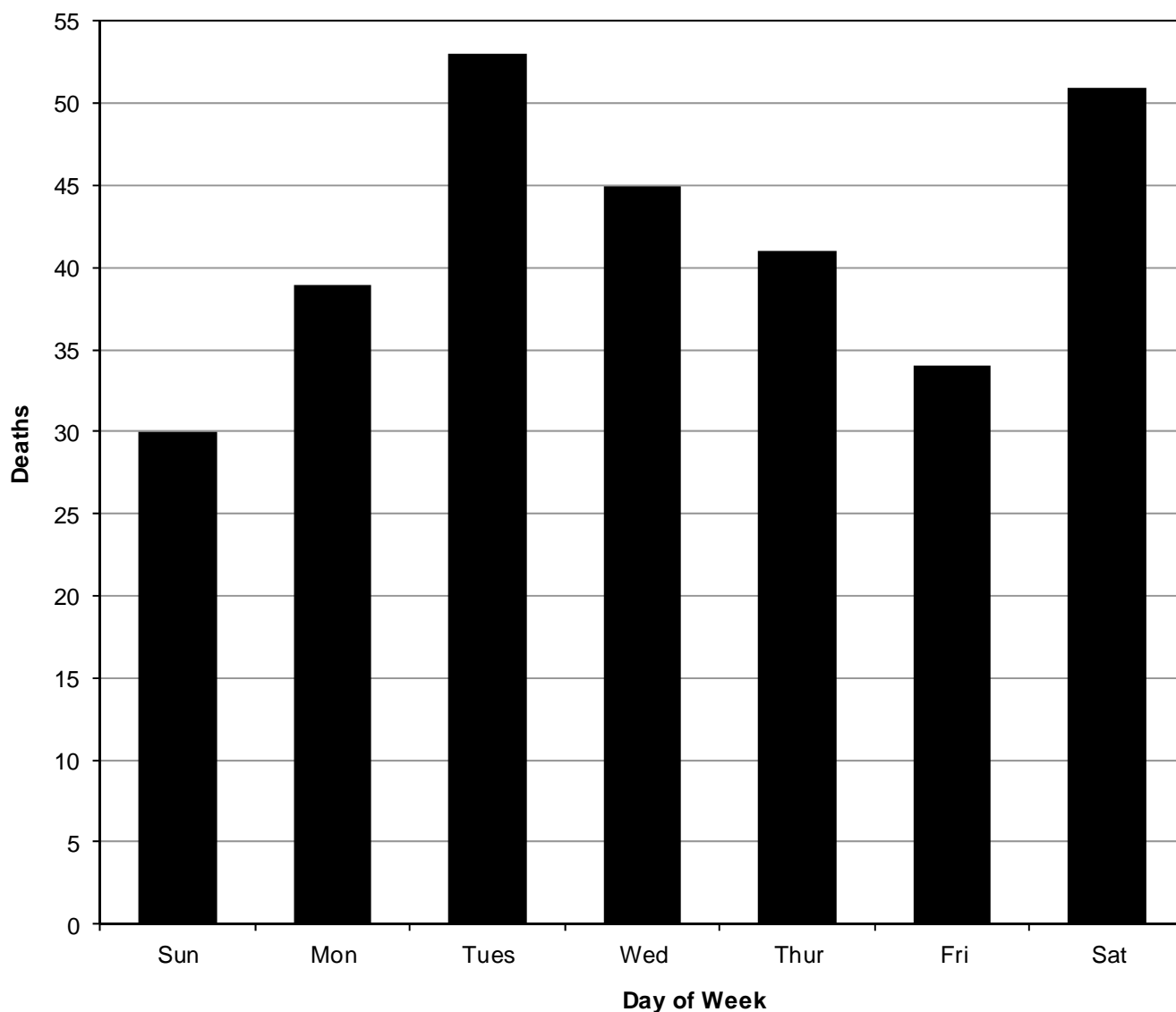


- Pedestrian-motor vehicle crash deaths were highest during the months of December and October over the past 10 years.
- Pedestrian-motor vehicle crash deaths were lowest during the months of June and February over the past 10 years.

Trends

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

Deaths												
Day of Week	Year										Total	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	#	%
Sunday	0	1	5	2	4	7	1	4	3	3	30	10.2%
Monday	3	5	3	2	3	0	6	4	7	6	39	13.3%
Tuesday	2	7	6	12	4	4	6	6	3	3	53	18.1%
Wednesday	4	6	8	4	5	2	3	7	2	4	45	15.4%
Thursday	4	3	3	3	2	8	5	3	5	5	41	14.0%
Friday	4	4	1	5	1	3	4	1	4	7	34	11.6%
Saturday	3	3	6	6	1	4	7	6	6	9	51	17.4%
Total	20	29	32	34	20	28	32	31	30	37	293	100.0%

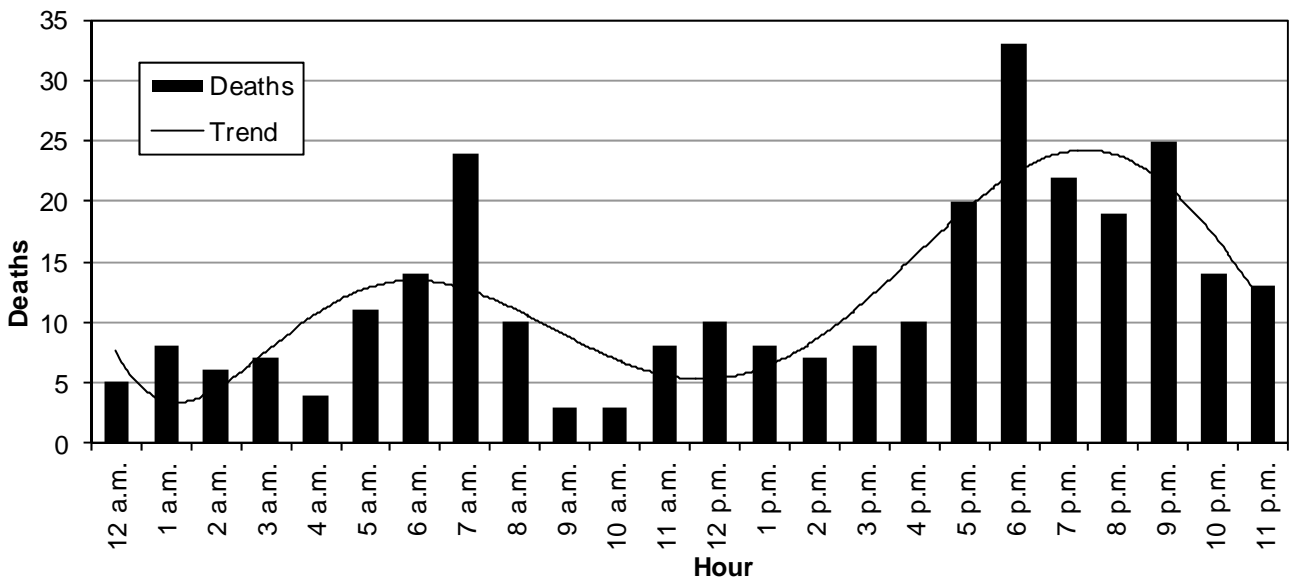


- Pedestrian-motor vehicle crash deaths were highest on Tuesday and Saturday over the past 10 years.
- Pedestrian-motor vehicle crash deaths were lowest on Sunday and Friday over the past 10 years.

Trends

Pedestrian Deaths by Hour (Utah 2005-2014)

Hour	Deaths										Total	
	Year										#	%
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
Midnight	0	0	2	0	0	1	0	2	0	0	5	1.7%
1 a.m.	0	1	1	0	0	1	3	0	1	1	8	2.7%
2 a.m.	1	1	1	0	0	0	0	2	0	1	6	2.1%
3 a.m.	0	0	0	1	0	1	1	0	1	3	7	2.4%
4 a.m.	1	0	0	1	1	0	1	0	0	0	4	1.4%
5 a.m.	2	1	1	1	1	2	2	0	1	0	11	3.8%
6 a.m.	1	2	2	0	1	1	1	1	1	4	14	4.8%
7 a.m.	2	3	2	3	1	4	2	4	0	3	24	8.2%
8 a.m.	1	0	1	2	1	0	3	0	1	1	10	3.4%
9 a.m.	1	0	0	0	1	0	0	0	1	0	3	1.0%
10 a.m.	0	0	1	1	0	0	0	1	0	0	3	1.0%
11 a.m.	0	1	1	3	3	0	0	0	0	0	8	2.7%
Noon	0	1	3	0	1	2	2	0	1	0	10	3.4%
1 p.m.	0	2	0	2	0	0	0	1	1	2	8	2.7%
2 p.m.	0	0	1	1	1	3	0	0	1	0	7	2.4%
3 p.m.	0	2	0	1	2	0	1	1	0	1	8	2.7%
4 p.m.	0	1	1	0	2	0	0	3	1	2	10	3.4%
5 p.m.	2	1	3	3	0	1	3	2	3	2	20	6.8%
6 p.m.	1	5	2	6	1	3	4	3	5	3	33	11.3%
7 p.m.	3	5	2	0	2	3	3	0	3	1	22	7.5%
8 p.m.	1	0	2	2	1	3	2	5	1	2	19	6.5%
9 p.m.	2	1	0	6	0	2	2	4	5	3	25	8.6%
10 p.m.	1	1	2	1	1	1	0	2	1	4	14	4.8%
11 p.m.	1	1	4	0	0	0	2	0	2	3	13	4.5%
Total	20	29	32	34	20	28	32	31	30	36	292	100.0%

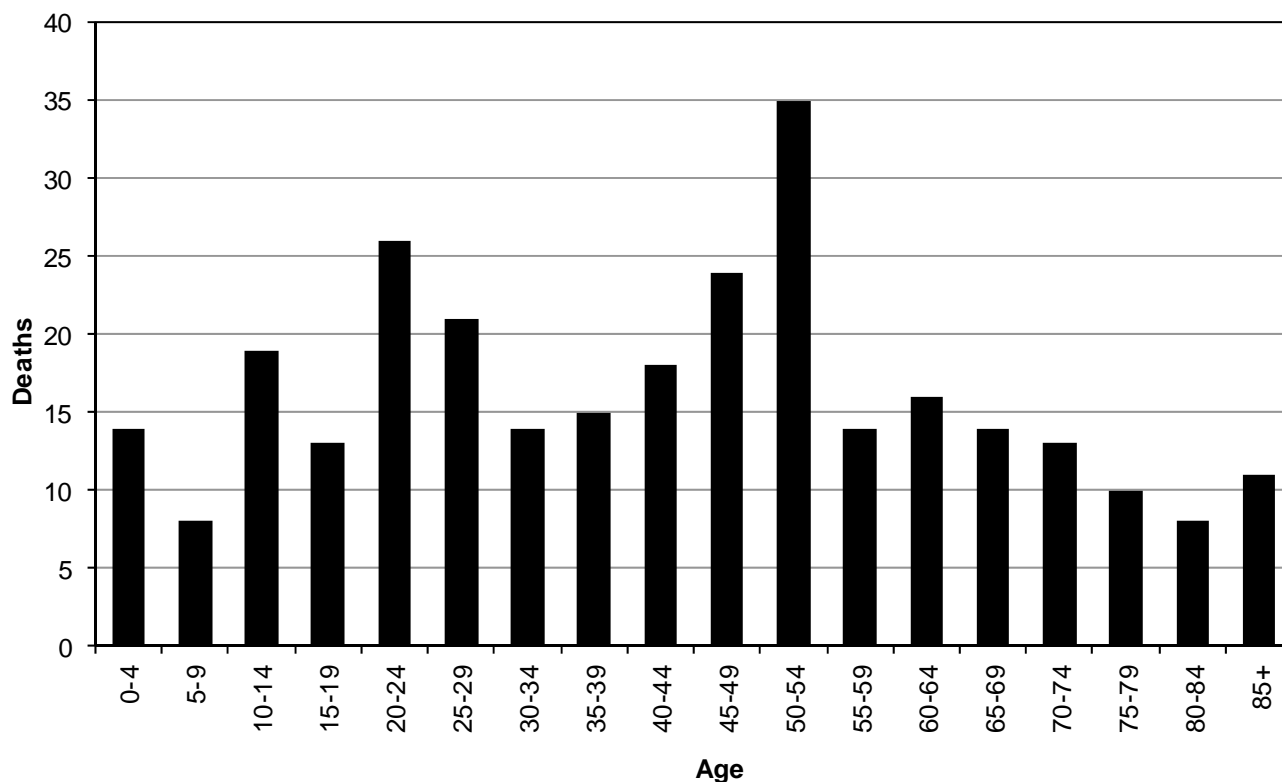


- Pedestrian-motor vehicle crash deaths were highest during the hours of 6 p.m., 9 p.m., and 7 a.m.
- Pedestrian-motor vehicle crash deaths were lowest during the hours of 9 a.m., 10 a.m., and 4 a.m.

Trends

Age of Pedestrians Killed (Utah 2005-2014)

Pedestrians Killed												
Age	Year										Total	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	#	%
0-4	1	2	2	2	0	2	1	2	1	1	14	4.8%
5-9	2	1	1	2	0	1	0	1	0	0	8	2.7%
10-14	0	2	0	3	0	3	5	1	2	3	19	6.5%
15-19	0	2	2	0	0	0	2	3	2	2	13	4.4%
20-24	2	1	4	2	3	2	5	1	2	4	26	8.9%
25-29	1	4	2	0	0	2	3	2	3	4	21	7.2%
30-34	1	3	2	1	1	1	3	0	1	1	14	4.8%
35-39	0	1	1	1	0	2	1	4	2	3	15	5.1%
40-44	2	2	3	1	1	2	0	0	1	6	18	6.1%
45-49	0	1	3	7	2	2	2	1	1	5	24	8.2%
50-54	2	2	5	5	3	1	6	8	3	0	35	11.9%
55-59	1	3	1	0	3	0	0	2	3	1	14	4.8%
60-64	0	0	2	0	2	4	1	2	4	1	16	5.5%
65-69	1	0	0	4	1	3	1	0	1	3	14	4.8%
70-74	3	2	1	2	0	1	1	0	2	1	13	4.4%
75-79	1	1	0	3	2	1	0	0	1	1	10	3.4%
80-84	1	1	0	1	1	1	0	2	1	0	8	2.7%
85+	2	1	3	0	1	0	1	2	0	1	11	3.8%
Total	20	29	32	34	20	28	32	31	30	37	293	100.0%



- Pedestrian deaths were highest among the age groups of 50-54, 20-24, and 45-49 years.
- Pedestrian deaths were lowest among the age groups of 5-9, 80-84, and 75-79 years.

Pedestrian-Motor Vehicle Crash Conditions

Pedestrians in Crashes by County (Utah 2014)

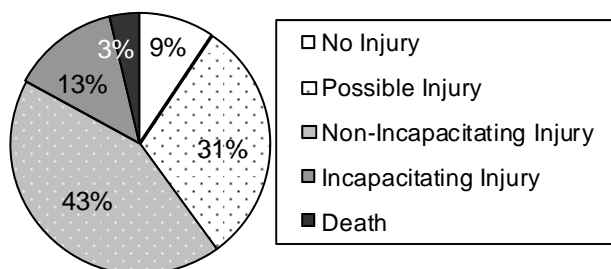
Pedestrians								
County	Non-Injured		Injured		Killed		Total	
	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.
Morgan	1	0.98	4	3.93	1	0.98	6	5.90
Salt Lake	31	0.29	452	4.19	16	0.15	499	4.62
Summit	5	1.30	11	2.86	1	0.26	17	4.42
Weber	6	0.25	92	3.86	4	0.17	102	4.28
Garfield	2	3.93	0	0.00	0	0.00	2	3.93
Wayne	0	0.00	0	0.00	1	3.64	1	3.64
Duchesne	1	0.49	5	2.46	1	0.49	7	3.45
Carbon	2	0.95	5	2.38	0	0.00	7	3.34
Davis	8	0.25	81	2.51	4	0.12	93	2.89
Utah	25	0.45	129	2.34	4	0.07	158	2.86
Tooele	1	0.16	13	2.14	2	0.33	16	2.63
Sevier	1	0.48	4	1.92	0	0.00	5	2.40
Box Elder	2	0.39	9	1.77	0	0.00	11	2.17
Cache	2	0.17	23	1.97	0	0.00	25	2.14
Grand	0	0.00	2	2.14	0	0.00	2	2.14
Washington	4	0.27	24	1.62	2	0.14	30	2.03
Uintah	2	0.56	5	1.41	0	0.00	7	1.97
Iron	1	0.21	7	1.50	0	0.00	8	1.71
Beaver	0	0.00	1	1.55	0	0.00	1	1.55
Kane	0	0.00	1	1.38	0	0.00	1	1.38
Juab	0	0.00	1	0.97	0	0.00	1	0.97
Millard	0	0.00	1	0.79	0	0.00	1	0.79
Sanpete	0	0.00	2	0.71	0	0.00	2	0.71
San Juan	0	0.00	0	0.00	1	0.67	1	0.67
Daggett	0	0.00	0	0.00	0	0.00	0	0.00
Emery	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
Wasatch	0	0.00	0	0.00	0	0.00	0	0.00
Statewide	94	0.32	872	3.01	37	0.13	1,003	3.46

- Urban areas (3.69) had a much higher total pedestrian-motor vehicle crash rate per 10,000 population than rural areas (2.16).
- Morgan (5.90), Salt Lake (4.62), and Summit (4.42) counties had the highest rates of pedestrians in crashes per 10,000 population.
- Salt Lake County accounted for 50% of the pedestrians in crashes and 43% of the pedestrian deaths.
- Daggett, Emery, Piute, Rich, and Wasatch counties had no pedestrians in crashes.

Pedestrians								
Location	Non-Injured		Injured		Killed		Total	
	#	Rate per 10,000	#	Rate per 10,000	#	Rate per 10,000	#	Rate per 10,000
Urban	76	0.31	801	3.26	30	0.12	907	3.69
Rural	18	0.41	71	1.60	7	0.16	96	2.16
Total	94	0.32	872	3.01	37	0.13	1,003	3.46

Pedestrian-Motor Vehicle Crash Conditions

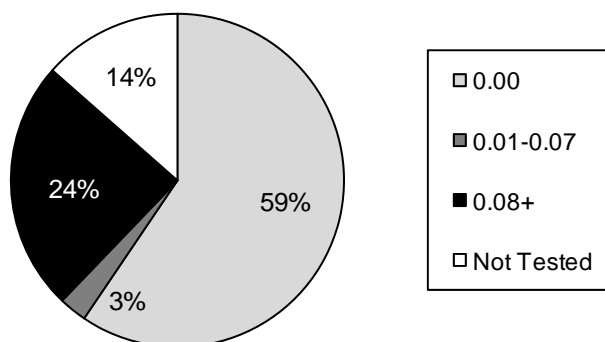
Injury Severity of Pedestrians in Crashes (Utah 2014)



- 87% of pedestrians in crashes sustained an injury compared to 17% of all persons in crashes.
- The percentage of pedestrians killed in crashes (3.7%) 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.

Alcohol Test Results of Pedestrians Killed (Utah 2014)

Pedestrian Deaths			
Alcohol Test Results	#	%	% of tested
0.00	22	59.5%	68.8%
0.01-0.07	1	2.7%	3.1%
0.08+	9	24.3%	28.1%
Not Tested	5	13.5%	n/a
Total	37	100.0%	100.0%



- 86.5% of pedestrians killed in crashes were tested for alcohol. Of these 68.8% had a blood alcohol concentration (BAC) of 0.00, 3.1% had a BAC of 0.01-0.07, and 28.1% had a BAC of 0.08+.

Gender of Pedestrians in Crashes (Utah 2014)

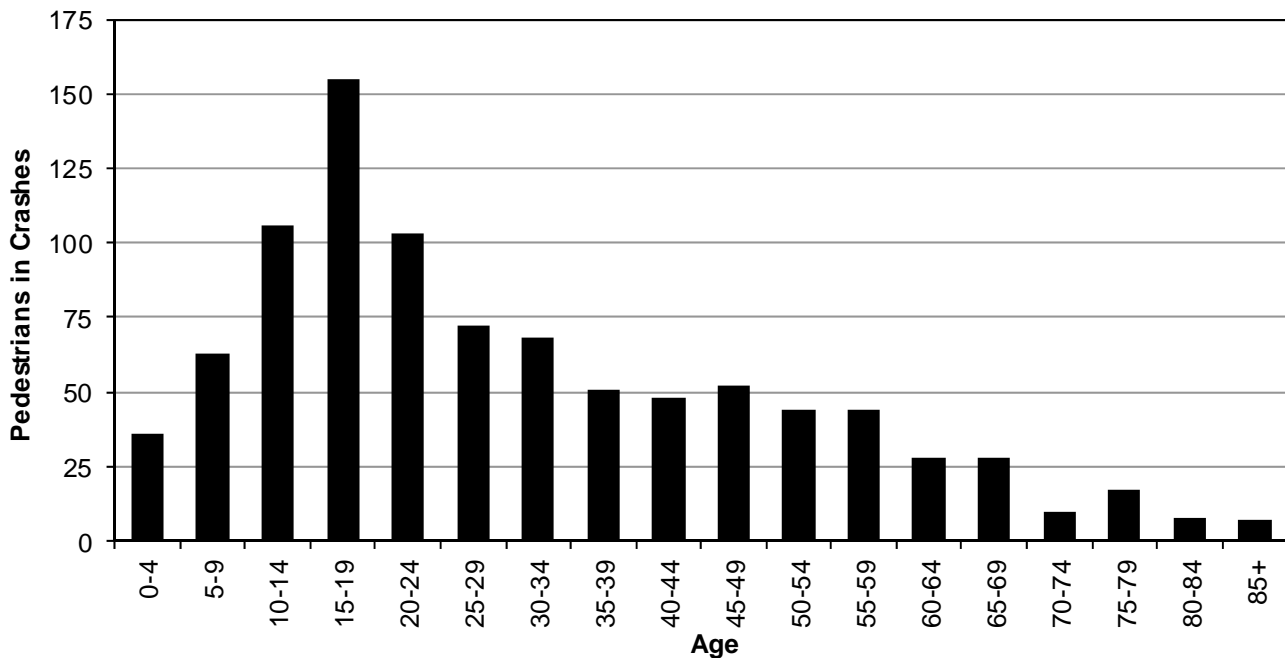
Pedestrians								
Gender	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Male	42	44.7%	485	55.6%	24	64.9%	551	54.9%
Female	26	27.7%	362	41.5%	13	35.1%	401	40.0%
Unknown	26	27.7%	25	2.9%	0	0.0%	51	5.1%
Total	94	100.0%	872	100.0%	37	100.0%	1,003	100.0%

- The majority of all pedestrians hit (57.6%) and pedestrians killed (60.0%) in crashes were male.

Pedestrian-Motor Vehicle Crash Conditions

Age of Pedestrians in Crashes (Utah 2014)

Pedestrians								
Age	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
0-4	13	13.8%	22	2.5%	1	2.7%	36	3.6%
5-9	3	3.2%	60	6.9%	0	0.0%	63	6.3%
10-14	8	8.5%	95	10.9%	3	8.1%	106	10.6%
15-19	13	13.8%	140	16.1%	2	5.4%	155	15.5%
20-24	10	10.6%	89	10.2%	4	10.8%	103	10.3%
25-29	3	3.2%	65	7.5%	4	10.8%	72	7.2%
30-34	5	5.3%	62	7.1%	1	2.7%	68	6.8%
35-39	2	2.1%	46	5.3%	3	8.1%	51	5.1%
40-44	2	2.1%	40	4.6%	6	16.2%	48	4.8%
45-49	2	2.1%	45	5.2%	5	13.5%	52	5.2%
50-54	3	3.2%	41	4.7%	0	0.0%	44	4.4%
55-59	2	2.1%	41	4.7%	1	2.7%	44	4.4%
60-64	1	1.1%	26	3.0%	1	2.7%	28	2.8%
65-69	2	2.1%	23	2.6%	3	8.1%	28	2.8%
70-74	0	0.0%	9	1.0%	1	2.7%	10	1.0%
75-79	0	0.0%	16	1.8%	1	2.7%	17	1.7%
80-84	0	0.0%	8	0.9%	0	0.0%	8	0.8%
85+	0	0.0%	6	0.7%	1	2.7%	7	0.7%
Unknown	25	26.6%	38	4.4%	0	0.0%	63	6.3%
Total	94	100.0%	872	100.0%	37	100.0%	1,003	100.0%

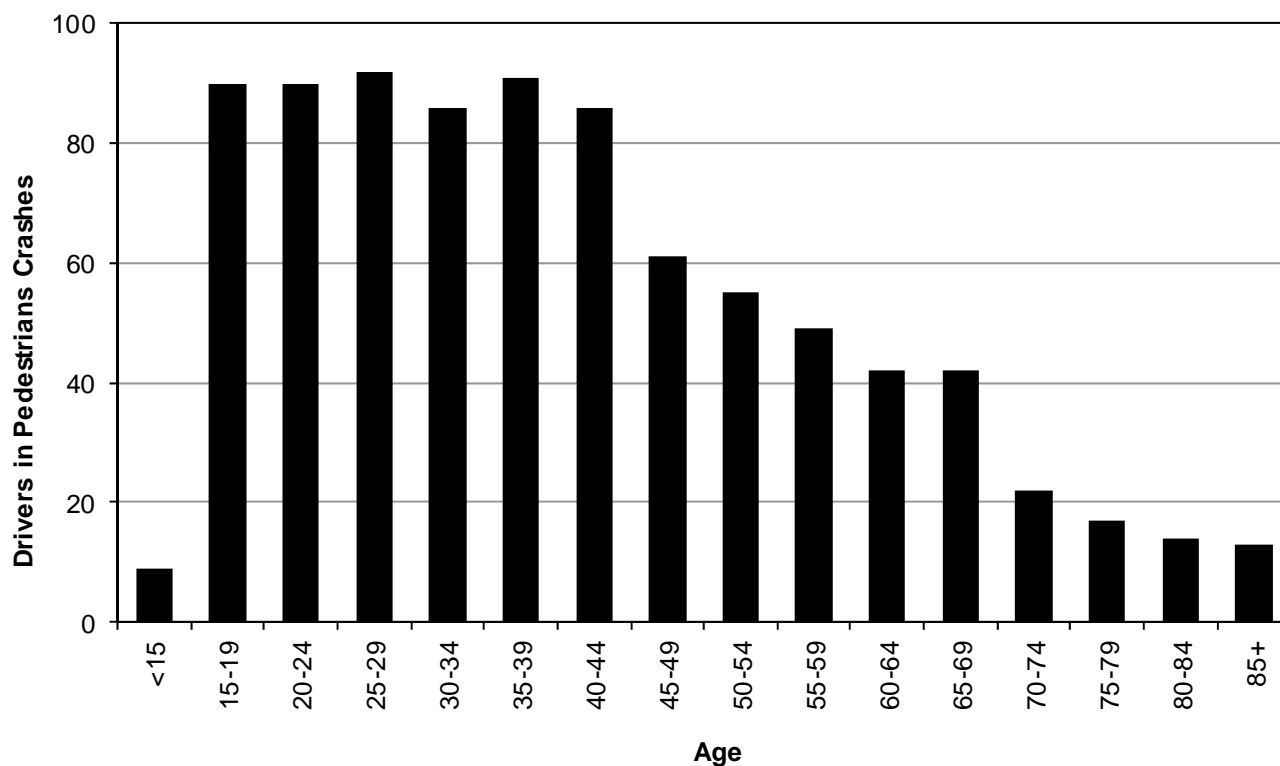


- Overall, the largest percentages of pedestrians in crashes were aged 10-24 years (38.7% of known).
- The highest percentage of pedestrian deaths occurred in the 40-49 year age group (29.7%).
- The average age of a pedestrian in a crash was 31 years. The average age of a pedestrian killed was 39 years.

Pedestrian-Motor Vehicle Crash Conditions

Driver Age (Utah 2014)

Drivers (Pedestrian-Motor Vehicle Crashes)								
Age	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
<15	0	0.0%	9	1.1%	0	0.0%	9	0.9%
15-19	10	13.9%	79	9.3%	1	2.1%	90	9.3%
20-24	8	11.1%	78	9.2%	4	8.3%	90	9.3%
25-29	3	4.2%	83	9.8%	6	12.5%	92	9.5%
30-34	6	8.3%	74	8.7%	6	12.5%	86	8.9%
35-39	10	13.9%	73	8.6%	8	16.7%	91	9.4%
40-44	5	6.9%	77	9.1%	4	8.3%	86	8.9%
45-49	6	8.3%	52	6.1%	3	6.3%	61	6.3%
50-54	6	8.3%	46	5.4%	3	6.3%	55	5.7%
55-59	4	5.6%	44	5.2%	1	2.1%	49	5.1%
60-64	2	2.8%	36	4.3%	4	8.3%	42	4.3%
65-69	4	5.6%	36	4.3%	2	4.2%	42	4.3%
70-74	2	2.8%	18	2.1%	2	4.2%	22	2.3%
75-79	1	1.4%	16	1.9%	0	0.0%	17	1.8%
80-84	1	1.4%	12	1.4%	1	2.1%	14	1.4%
85+	1	1.4%	11	1.3%	1	2.1%	13	1.3%
Unknown	3	4.2%	103	12.2%	2	4.2%	108	11.2%
Total	72	100.0%	847	100.0%	48	100.0%	967	100.0%



- Nearly two-thirds (63.3% 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 25-39 years.
- The average age of a driver was 40.7 years.

Pedestrian-Motor Vehicle Crash Conditions

Driver Gender (Utah 2014)

Drivers (Pedestrian-Motor Vehicle Crashes)								
Gender	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Male	38	52.8%	432	51.0%	34	70.8%	504	52.1%
Female	31	43.1%	312	36.8%	12	25.0%	355	36.7%
Unknown	3	4.2%	103	12.2%	2	4.2%	108	11.2%
Total	72	100.0%	847	100.0%	48	100.0%	967	100.0%

- The majority of drivers in total pedestrian crashes (58.7% of known) and fatal crashes (70.8%) were male.

Pedestrian-Motor Vehicle Crashes by Month (Utah 2014)

Pedestrians								
Month	Non-Injured		Injured		Killed		Total	
	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day
January	12	0.39	90	2.90	5	0.16	107	3.45
February	7	0.25	67	2.39	0	0.00	74	2.64
March	10	0.32	78	2.52	6	0.19	94	3.03
April	8	0.27	63	2.10	5	0.17	76	2.53
May	10	0.32	82	2.65	4	0.13	96	3.10
June	7	0.23	64	2.13	1	0.03	72	2.40
July	7	0.23	73	2.35	4	0.13	84	2.71
August	8	0.26	53	1.71	0	0.00	61	1.97
September	9	0.30	65	2.17	3	0.10	77	2.57
October	7	0.23	83	2.68	5	0.16	95	3.06
November	2	0.07	68	2.27	1	0.03	71	2.37
December	7	0.23	86	2.77	3	0.10	96	3.10
Total	94	0.26	872	2.39	37	0.10	1,003	2.75

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

Pedestrian-Motor Vehicle Crashes by Day of Week (Utah 2014)

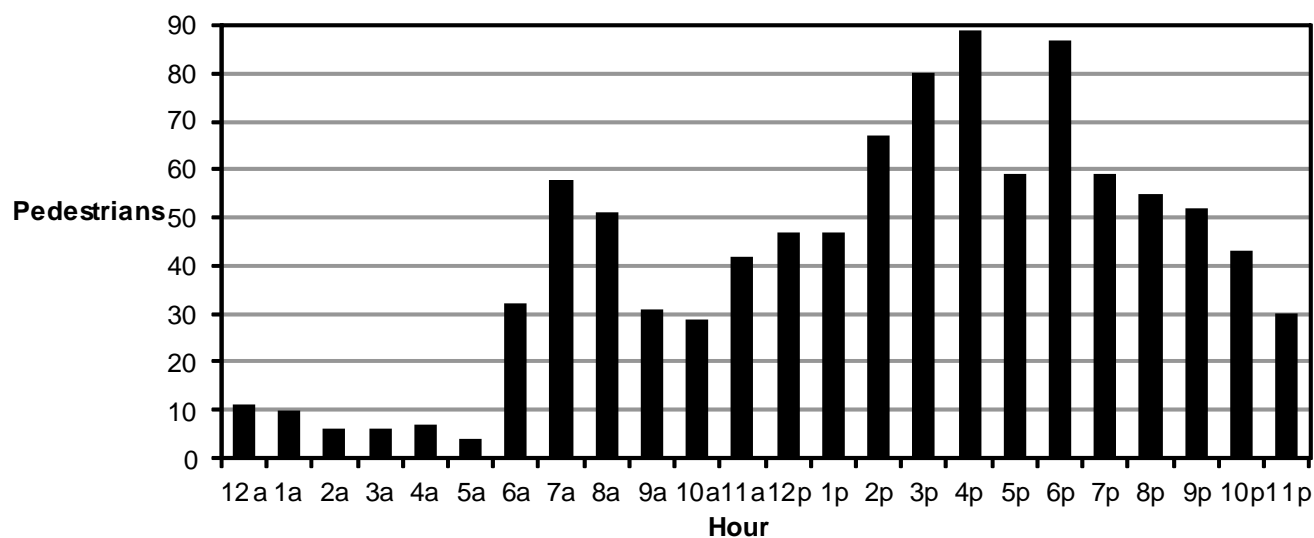
Pedestrians								
Day of Week	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Sunday	12	12.8%	54	6.2%	3	8.1%	69	6.9%
Monday	8	8.5%	151	17.3%	6	16.2%	165	16.5%
Tuesday	7	7.4%	148	17.0%	3	8.1%	158	15.8%
Wednesday	16	17.0%	124	14.2%	4	10.8%	144	14.4%
Thursday	18	19.1%	132	15.1%	5	13.5%	155	15.5%
Friday	19	20.2%	146	16.7%	7	18.9%	172	17.1%
Saturday	14	14.9%	117	13.4%	9	24.3%	140	14.0%
Total	94	100.0%	872	100.0%	37	100.0%	1,003	100.0%

- The highest percentage of total pedestrian-motor vehicle crashes (17.1%) occurred on Friday.
- Saturday had the highest number of pedestrian deaths.

Pedestrian-Motor Vehicle Crash Conditions

Pedestrian-Motor Vehicle Crashes by Hour (Utah 2014)

Pedestrians								
Hour	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Midnight	0	0.0%	11	1.3%	0	0.0%	11	1.1%
1 a.m.	0	0.0%	9	1.0%	1	2.7%	10	1.0%
2 a.m.	1	1.1%	4	0.5%	1	2.7%	6	0.6%
3 a.m.	0	0.0%	3	0.3%	3	8.1%	6	0.6%
4 a.m.	0	0.0%	7	0.8%	0	0.0%	7	0.7%
5 a.m.	1	1.1%	3	0.3%	0	0.0%	4	0.4%
6 a.m.	2	2.1%	26	3.0%	4	10.8%	32	3.2%
7 a.m.	5	5.3%	50	5.7%	3	8.1%	58	5.8%
8 a.m.	6	6.4%	44	5.0%	1	2.7%	51	5.1%
9 a.m.	2	2.1%	29	3.3%	0	0.0%	31	3.1%
10 a.m.	0	0.0%	29	3.3%	0	0.0%	29	2.9%
11 a.m.	6	6.4%	36	4.1%	0	0.0%	42	4.2%
Noon	8	8.5%	39	4.5%	0	0.0%	47	4.7%
1 p.m.	5	5.3%	40	4.6%	2	5.4%	47	4.7%
2 p.m.	8	8.5%	59	6.8%	0	0.0%	67	6.7%
3 p.m.	9	9.6%	70	8.0%	1	2.7%	80	8.0%
4 p.m.	9	9.6%	78	8.9%	2	5.4%	89	8.9%
5 p.m.	7	7.4%	50	5.7%	2	5.4%	59	5.9%
6 p.m.	9	9.6%	75	8.6%	3	8.1%	87	8.7%
7 p.m.	2	2.1%	56	6.4%	1	2.7%	59	5.9%
8 p.m.	5	5.3%	48	5.5%	2	5.4%	55	5.5%
9 p.m.	4	4.3%	45	5.2%	3	8.1%	52	5.2%
10 p.m.	5	5.3%	34	3.9%	4	10.8%	43	4.3%
11 p.m.	0	0.0%	27	3.1%	3	8.1%	30	3.0%
Unknown	0	0.0%	0	0.0%	1	2.7%	1	0.1%
Total	94	100.0%	872	100.0%	37	100.0%	1,003	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 6:00 a.m. and 10:00 p.m. hours.

Pedestrian-Motor Vehicle Crash Conditions

Contributing Factors of Pedestrians in Crashes (Utah 2014)

Contributing Factors	Pedestrians							
	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
None	43	45.7%	397	45.5%	9	24.3%	449	44.8%
Improper Crossing	16	17.0%	83	9.5%	4	10.8%	103	10.3%
Darting	3	3.2%	60	6.9%	4	10.8%	67	6.7%
Not Visible	5	5.3%	51	5.8%	6	16.2%	62	6.2%
Inattentive	3	3.2%	43	4.9%	0	0.0%	46	4.6%
Failure to Obey Traffic Signs/Signals	4	4.3%	30	3.4%	5	13.5%	39	3.9%
In Roadway Improperly	1	1.1%	25	2.9%	3	8.1%	29	2.9%
Failure to Yield Right of Way	0	0.0%	14	1.6%	3	8.1%	17	1.7%
Other	5	5.3%	44	5.0%	0	0.0%	49	4.9%
Unknown	14	14.9%	125	14.3%	3	8.1%	142	14.2%
Total	94	100.0%	872	100.0%	37	100.0%	1,003	100.0%

- Improper crossing, darting, and not visible were the leading contributing factors for pedestrians in total crashes.
- Not visible and failure to obey traffic signs/signals were the leading factors for pedestrians killed.
- No contributing factors were listed for 26.5% (of known) of the pedestrians killed and 52.1% (of known) of total pedestrians.
- Other contributing factors to consider are drivers, roadways (such as high speeds, traffic volumes, number of lanes to cross, inadequate pedestrian crossings), and vehicles (such as vehicle size).

Location of Pedestrians in Crashes (Utah 2014)

Pedestrian Location	Pedestrians							
	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Marked Crosswalk at Intersection	30	31.9%	320	36.7%	7	18.9%	357	35.6%
In Roadway (not at intersection/crosswalk)	13	13.8%	170	19.5%	20	54.1%	203	20.2%
Shoulder	8	8.5%	54	6.2%	4	10.8%	66	6.6%
Unmarked Crosswalk	6	6.4%	54	6.2%	5	13.5%	65	6.5%
Sidewalk	4	4.3%	43	4.9%	0	0.0%	47	4.7%
Mid-Block Crosswalk	3	3.2%	30	3.4%	0	0.0%	33	3.3%
Outside Right of Way	1	1.1%	11	1.3%	0	0.0%	12	1.2%
Path/Trail (bike or shared use)	1	1.1%	5	0.6%	0	0.0%	6	0.6%
Median/Island	3	3.2%	1	0.1%	0	0.0%	4	0.4%
Other	7	7.4%	105	12.0%	0	0.0%	112	11.2%
Unknown	18	19.1%	79	9.1%	1	2.7%	98	9.8%
Total	94	100.0%	872	100.0%	37	100.0%	1,003	100.0%

- Marked crosswalk at intersection and in roadway were the leading pedestrian locations in total crashes.
- In roadway accounted for over half (54.1%) of the locations for pedestrians killed.
- Over half (50.3% of known) of pedestrians struck by motor vehicles were in a crosswalk.

Pedestrian-Motor Vehicle Crash Conditions

Action of Pedestrians in Crashes (Utah 2014)

Pedestrian Action	Pedestrians							
	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Entering or Crossing Road	56	59.6%	496	56.9%	19	51.4%	571	56.9%
Walking Along Roadway with Traffic	4	4.3%	72	8.3%	6	16.2%	82	8.2%
In Roadway Other	6	6.4%	31	3.6%	2	5.4%	39	3.9%
Walking Along Roadway Against Traffic	1	1.1%	23	2.6%	2	5.4%	26	2.6%
Walking on Sidewalk	1	1.1%	25	2.9%	0	0.0%	26	2.6%
Walking/Running/Jogging/Playing/etc.	0	0.0%	26	3.0%	0	0.0%	26	2.6%
Waiting to Cross Roadway	0	0.0%	20	2.3%	1	2.7%	21	2.1%
Adjacent to Roadway	1	1.1%	11	1.3%	0	0.0%	12	1.2%
Working in Trafficway	0	0.0%	10	1.1%	0	0.0%	10	1.0%
Going to/from School	1	1.1%	8	0.9%	1	2.7%	10	1.0%
Standing/Lying/Sitting	2	2.1%	7	0.8%	0	0.0%	9	0.9%
Approaching/Leaving Motor Vehicle	0	0.0%	6	0.7%	0	0.0%	6	0.6%
Working on Vehicle	0	0.0%	4	0.5%	0	0.0%	4	0.4%
Pushing Motor Vehicle	0	0.0%	3	0.3%	0	0.0%	3	0.3%
Other	9	9.6%	75	8.6%	4	10.8%	88	8.8%
Unknown	13	13.8%	55	6.3%	2	5.4%	70	7.0%
Total	94	100.0%	872	100.0%	37	100.0%	1,003	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 2014)

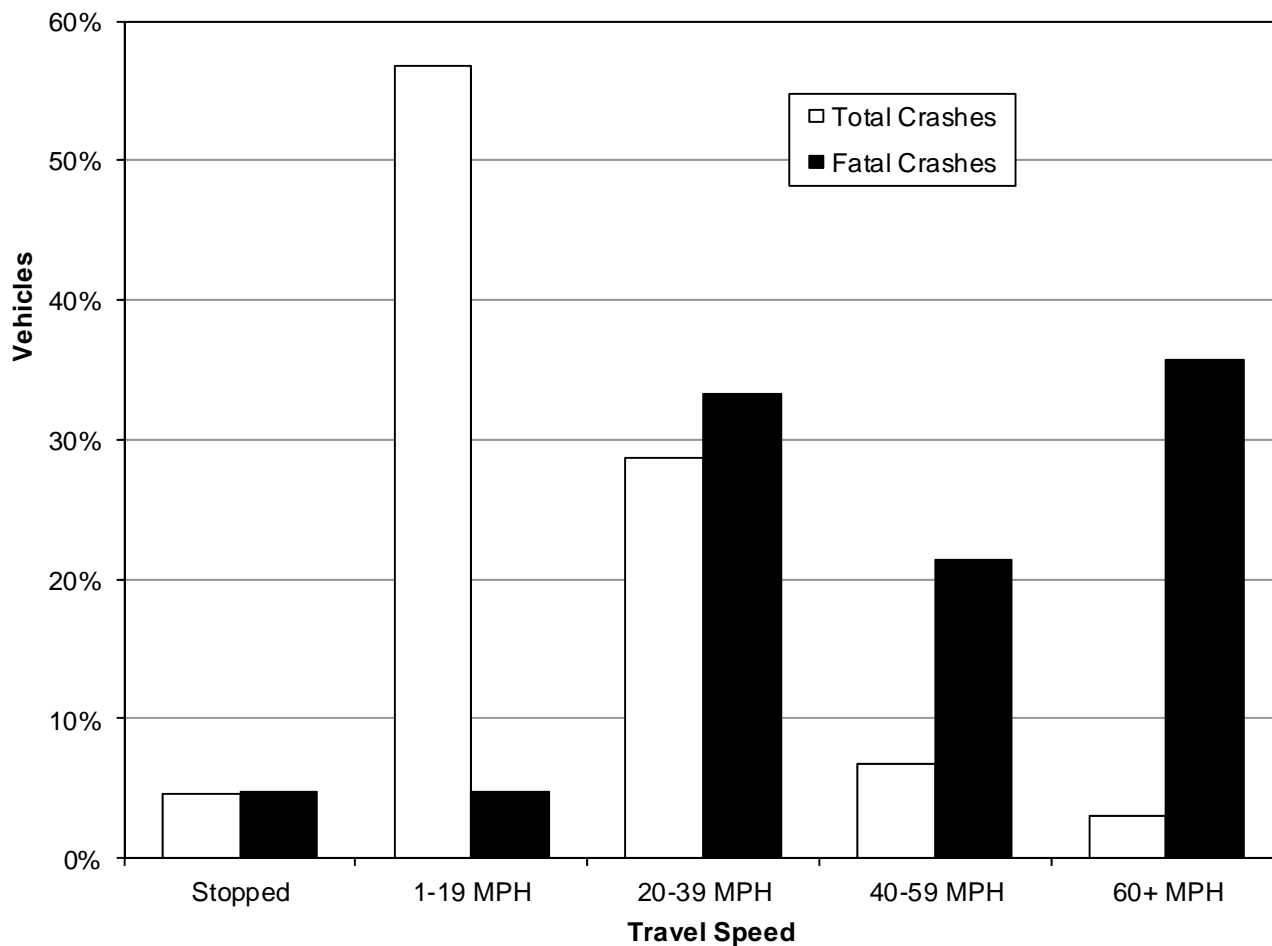
Vehicle Maneuver	Vehicles (Pedestrian-Motor Vehicle Crashes)							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Straight Ahead	32	41.0%	385	40.7%	39	81.3%	456	42.5%
Turning Right	7	9.0%	151	15.9%	1	2.1%	159	14.8%
Turning Left	8	10.3%	125	13.2%	2	4.2%	135	12.6%
Backing	2	2.6%	78	8.2%	0	0.0%	80	7.5%
Parked/Parking	4	5.1%	41	4.3%	0	0.0%	45	4.2%
Stopped/Slowing in Traffic Lane	11	14.1%	26	2.7%	2	4.2%	39	3.6%
Entering/Leaving Traffic Lane	1	1.3%	15	1.6%	0	0.0%	16	1.5%
Overtaking/Passing	3	3.8%	1	0.1%	0	0.0%	4	0.4%
Changing Lanes	1	1.3%	2	0.2%	1	2.1%	4	0.4%
Making U-Turn	0	0.0%	2	0.2%	0	0.0%	2	0.2%
Other	0	0.0%	16	1.7%	1	2.1%	17	1.6%
Unknown	9	11.5%	105	11.1%	2	4.2%	116	10.8%
Total	78	100.0%	947	100.0%	48	100.0%	1,073	100.0%

- The leading vehicle maneuvers prior to the crash were straight ahead (47.6% of known), turning right (16.6% of known), and turning left (14.1% of known).

Pedestrian-Motor Vehicle Crash Conditions

Travel Speed of Vehicles in Pedestrian Crashes (Utah 2014)

Vehicles (Pedestrian-Motor Vehicle Crashes)								
Travel Speed	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Parked	1	1.3%	31	3.3%	0	0.0%	32	3.0%
Stopped	10	12.8%	18	1.9%	2	4.2%	30	2.8%
1-9 MPH	15	19.2%	221	23.3%	1	2.1%	237	22.1%
10-19 MPH	5	6.4%	126	13.3%	1	2.1%	132	12.3%
20-29 MPH	6	7.7%	79	8.3%	3	6.3%	88	8.2%
30-39 MPH	14	17.9%	73	7.7%	11	22.9%	98	9.1%
40-49 MPH	5	6.4%	20	2.1%	6	12.5%	31	2.9%
50-59 MPH	1	1.3%	9	1.0%	3	6.3%	13	1.2%
60-69 MPH	0	0.0%	4	0.4%	9	18.8%	13	1.2%
70+ MPH	0	0.0%	1	0.1%	6	12.5%	7	0.7%
Unknown	21	26.9%	365	38.5%	6	12.5%	392	36.5%
Total	78	100.0%	947	100.0%	48	100.0%	1,073	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 19 times more likely to die.
- While 0.5% of pedestrians hit by a vehicle traveling 1-19 MPH died, 20.5% of pedestrians struck by a vehicle traveling 40-59 MPH died, and 75.0% of pedestrians died who were struck by a vehicle traveling 60+ MPH.

Pedestrian-Motor Vehicle Crash Conditions

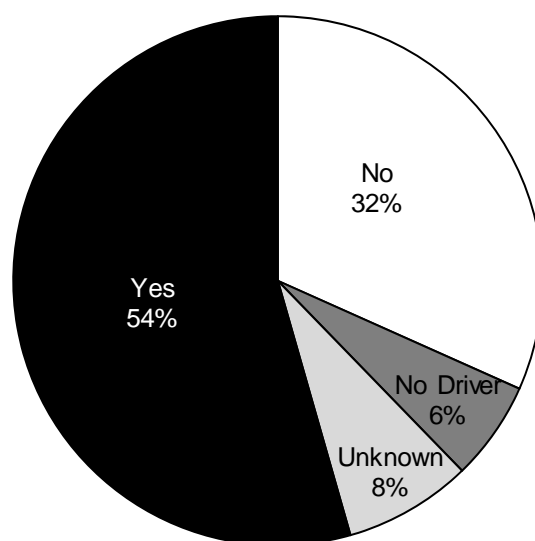
Pedestrian-Motor Vehicle Crashes by Speed Limit (Utah 2014)

Vehicles (Pedestrian-Motor Vehicle Crashes)								
Speed Limit	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
5-15 MPH	0	0.0%	41	4.3%	0	0.0%	41	3.8%
20-25 MPH	11	14.1%	180	19.0%	4	8.3%	195	18.2%
30-35 MPH	28	35.9%	197	20.8%	7	14.6%	232	21.6%
40-45 MPH	16	20.5%	118	12.5%	13	27.1%	147	13.7%
50-55 MPH	0	0.0%	18	1.9%	4	8.3%	22	2.1%
60-65 MPH	0	0.0%	8	0.8%	12	25.0%	20	1.9%
70+ MPH	0	0.0%	7	0.7%	5	10.4%	12	1.1%
Unknown	23	29.5%	378	39.9%	3	6.3%	404	37.7%
Total	78	100.0%	947	100.0%	48	100.0%	1,073	100.0%

- The majority (85.8% 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 40-45 MPH and 60-65 MPH.

Drivers in Pedestrian Crashes with Contributing Factors (Utah 2014)

Drivers/Vehicles (Pedestrian-Motor Vehicle Crashes)								
Driver/Vehicle with a Contributing Factor(s)	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Yes	42	53.8%	524	55.3%	18	37.5%	584	54.4%
No	28	35.9%	284	30.0%	28	58.3%	340	31.7%
Not Applicable - No Driver	4	5.1%	61	6.4%	0	0.0%	65	6.1%
Unknown	4	5.1%	78	8.2%	2	4.2%	84	7.8%
Total	78	100.0%	947	100.0%	48	100.0%	1,073	100.0%



- 54.4% of drivers in total pedestrian crashes had a contributing factor.
- 37.5% of drivers in fatal pedestrian crashes had a contributing factor.

Pedestrian-Motor Vehicle Crash Conditions

Driver Contributing Factors in Pedestrian Crashes (Utah 2014)

Drivers/Vehicles (Pedestrian-Motor Vehicle Crashes)								
Contributing Factors	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Failed to Yield Right of Way	8	11.0%	279	30.5%	2	5.6%	289	28.3%
Hit and Run	5	6.8%	82	9.0%	5	13.9%	92	9.0%
Other Improper Driving	3	4.1%	87	9.5%	0	0.0%	90	8.8%
Driver Distraction	9	12.3%	72	7.9%	2	5.6%	83	8.1%
Other Driver Condition	4	5.5%	43	4.7%	0	0.0%	47	4.6%
Vision Obscured by Glare	3	4.1%	37	4.0%	2	5.6%	42	4.1%
Improper Backing	2	2.7%	39	4.3%	0	0.0%	41	4.0%
Vision Obscured by Weather Condition	0	0.0%	28	3.1%	2	5.6%	30	2.9%
Vision Obscured by Other	2	2.7%	23	2.5%	1	2.8%	26	2.5%
Followed Too Closely	14	19.2%	11	1.2%	0	0.0%	25	2.4%
Vision Obscured by Parked Vehicle	1	1.4%	24	2.6%	0	0.0%	25	2.4%
Driving Under the Influence	3	4.1%	17	1.9%	3	8.3%	23	2.2%
Speed Too Fast	3	4.1%	14	1.5%	5	13.9%	22	2.2%
Disregard Traffic Signal/Sign	2	2.7%	18	2.0%	1	2.8%	21	2.1%
Vision Obscured by Moving Vehicle	1	1.4%	18	2.0%	2	5.6%	21	2.1%
Vehicle Other Defective Condition	1	1.4%	19	2.1%	0	0.0%	20	2.0%
Failed to Keep in Proper Lane	0	0.0%	18	2.0%	1	2.8%	19	1.9%
Reckless/Aggressive Driving	2	2.7%	14	1.5%	1	2.8%	17	1.7%
Improper Turn	0	0.0%	15	1.6%	0	0.0%	15	1.5%
Driver Emotional Prior to Crash	0	0.0%	12	1.3%	2	5.6%	14	1.4%
Swerved or Evasive Action	1	1.4%	5	0.5%	3	8.3%	9	0.9%
Vision Obscured by Building, Sign	1	1.4%	7	0.8%	0	0.0%	8	0.8%
Vehicle Brakes	1	1.4%	6	0.7%	0	0.0%	7	0.7%
Improper Parking/Stopping	2	2.7%	4	0.4%	0	0.0%	6	0.6%
Vision Obscured by Vegetation	1	1.4%	5	0.5%	0	0.0%	6	0.6%
Overcorrected	1	1.4%	2	0.2%	2	5.6%	5	0.5%
Ran Off Road	2	2.7%	2	0.2%	0	0.0%	4	0.4%
Windshield or Other Window Obscured	0	0.0%	4	0.4%	0	0.0%	4	0.4%
Improper Lane Change	1	1.4%	2	0.2%	0	0.0%	3	0.3%
Wrong Side/Wrong Way	0	0.0%	3	0.3%	0	0.0%	3	0.3%
Driver Asleep/Fatigue	0	0.0%	1	0.1%	1	2.8%	2	0.2%
Driver Illness/Medical	0	0.0%	2	0.2%	0	0.0%	2	0.2%
Improper Passing	0	0.0%	1	0.1%	0	0.0%	1	0.1%
Improper Signal	0	0.0%	0	0.0%	1	2.8%	1	0.1%
Disregard Road Markings	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	73	100.0%	914	100.0%	36	100.0%	1,023	100.0%

- Failed to yield right of way (28.3%), hit and run (9.0%), and driver distraction (8.1%) were the leading contributing factors in total pedestrian-motor vehicle crashes.
- Speed too fast (13.9%) and hit and run (13.9%) were the leading contributing factors in fatal pedestrian-motor vehicle crashes.