

Pedestrians



Section 11: Pedestrians

Trends

Pedestrians in Crashes 2006-2015.....	2
Pedestrian-Motor Vehicle Crashes 2006-2015	3
Pedestrian Deaths by Month 2006-2015.....	4
Pedestrian Deaths by Day of Week 2006-2015	4
Pedestrian Deaths by Hour 2006-2015.....	5
Pedestrians in Crashes by County 2006-2015.....	6
Age of Pedestrians Killed 2006-2015.....	7
Average Age of Pedestrians	8

Crash Conditions

Injury Severity	8
Pedestrian Gender.....	8
County	9
Rural/Urban.....	9
Pedestrian Age	10
Driver Age	11
Driver Gender	12
Month.....	12
Day of Week	12
Hour	13
Pedestrian Contributing Factors.....	14
Pedestrian Location	14
Alcohol Test Results of Pedestrians Killed.....	14
Pedestrian Action.....	15
Vehicle Maneuver	15
Travel Speed.....	16
Speed Limit.....	17
Drivers with Contributing Factors	17

2



1

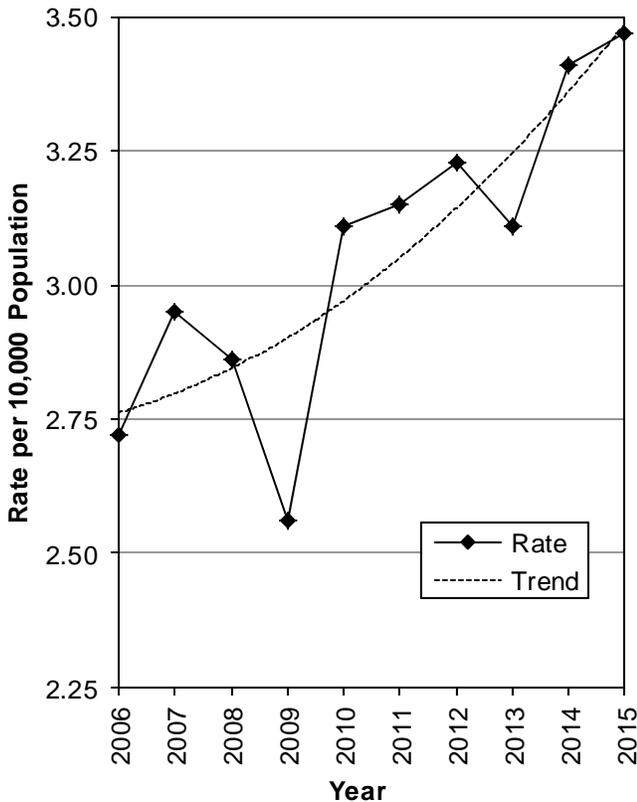
5

Trends

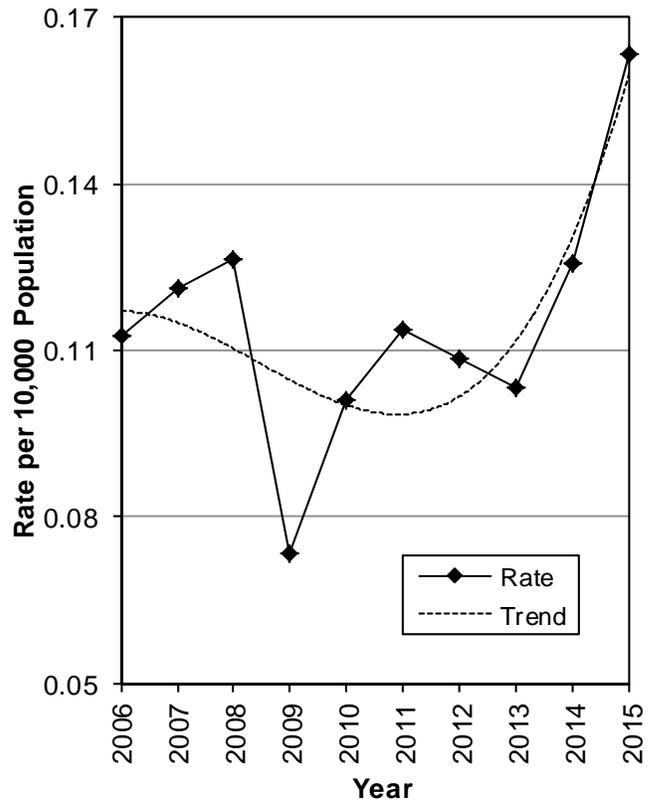
Pedestrians in Crashes (Utah 2006-2015)

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.
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)



Pedestrian Death Rates Per Population (Utah 2006-2015)



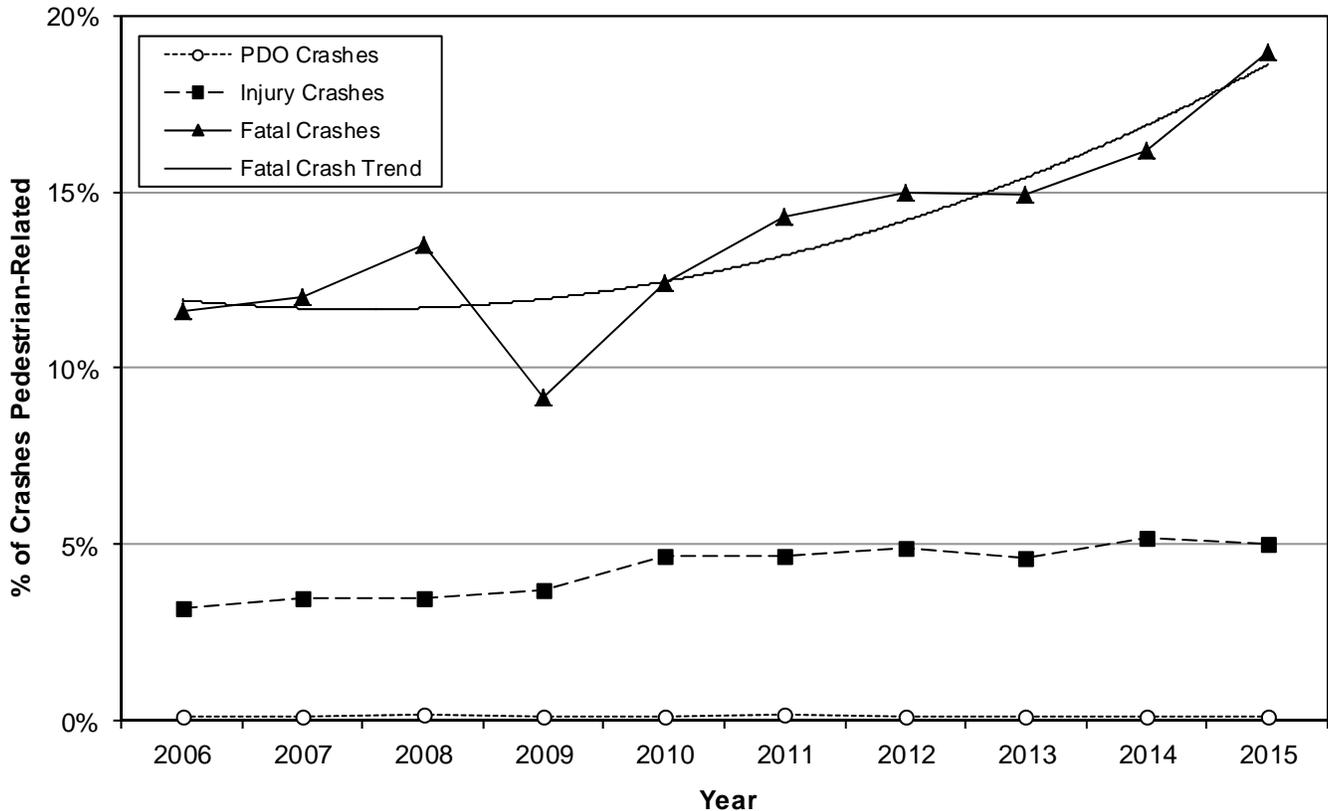
- The total rate per population of pedestrians in crashes increased 28% from 2006 to 2015.
- 2015 had the highest rate per population of total pedestrians in crashes in the last 10 years. 2009 had the lowest rate.
- The pedestrian death rate per population increased 45% from 2006 to 2015.
- 2015 had 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)

Year	Property Damage Only			Injury			Fatal			Total		
	All	Pedestrian		All	Pedestrian		All	Pedestrian		All	Pedestrian	
	#	#	%	#	#	%	#	#	%	#	#	%
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)

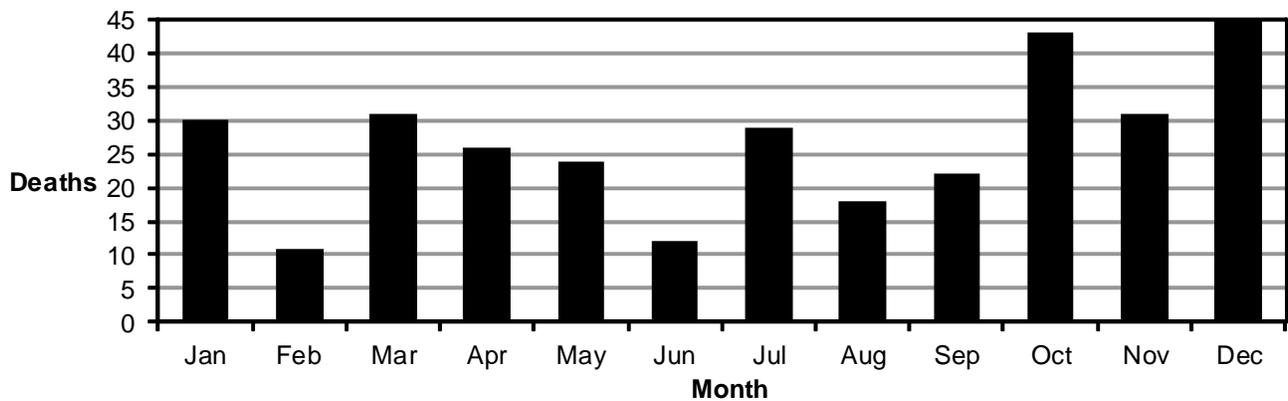


- The 10-year trend shows that pedestrian-motor vehicle crashes represent 0.1% of property damage only crashes, 4.3% of injury crashes, and 13.8% of fatal crashes.
- Pedestrians are over-represented in fatal crashes accounting for 13.8% of fatal crashes compared to 1.4% of total crashes.
- The percent 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)

Month	Year										Total	
	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)

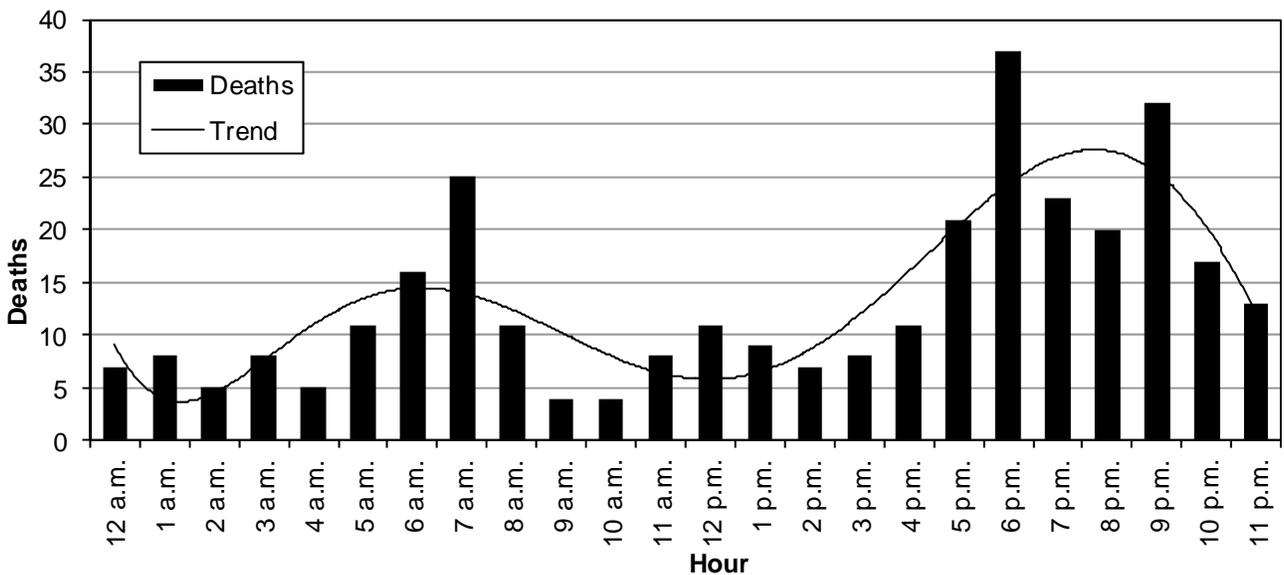
Day of Week	Year										Total	
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	#	%
Sunday	1	5	2	4	7	1	4	3	3	4	34	10.6%
Monday	5	3	2	3	0	6	4	7	6	5	41	12.7%
Tuesday	7	6	12	4	4	6	6	3	3	3	54	16.8%
Wednesday	6	8	4	5	2	3	7	2	4	6	47	14.6%
Thursday	3	3	3	2	8	5	3	5	5	11	48	14.9%
Friday	4	1	5	1	3	4	1	4	7	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)

Hour	Deaths										Total	
	Year										#	%
	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)

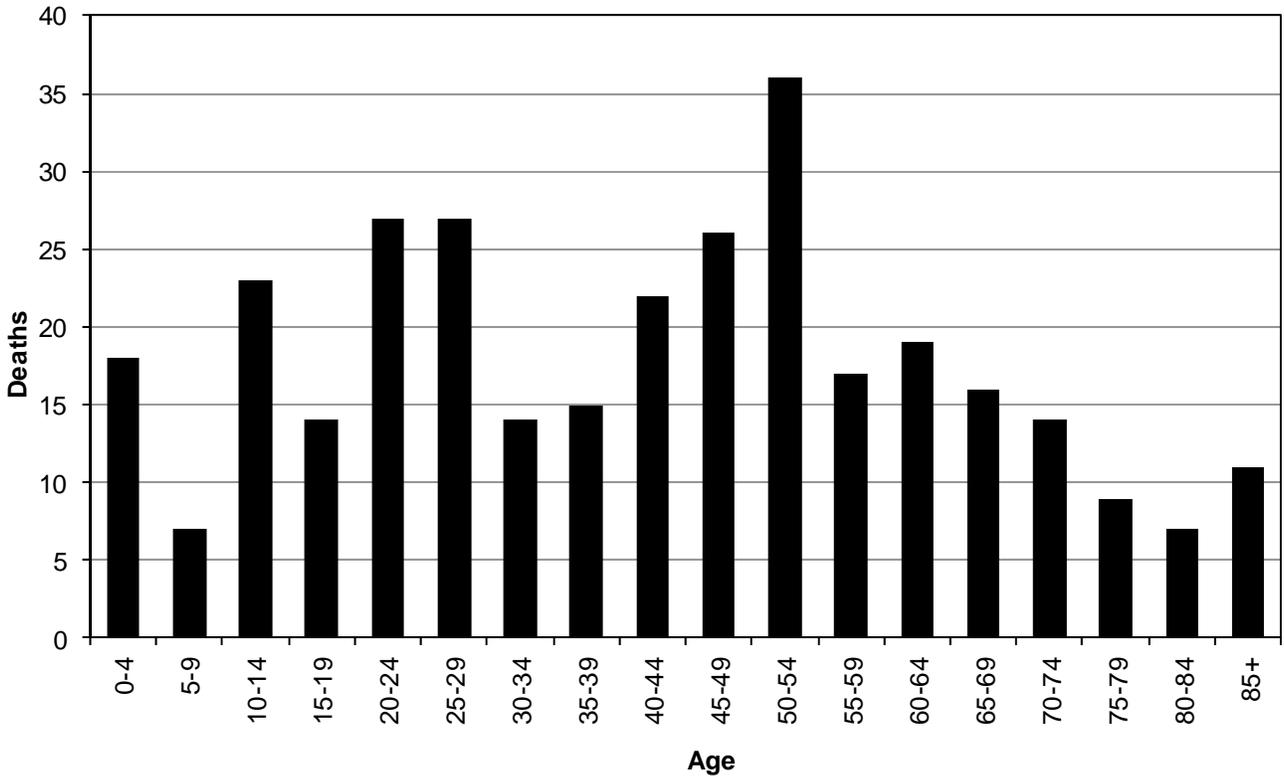
Pedestrians													
County	Year										Total		Rate per Year per 10,000 Population
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	#	%	
Grand	7	2	4	4	2	3	4	5	2	7	40	0.5%	4.20
Salt Lake	372	363	384	371	438	431	476	479	499	528	4,341	50.7%	3.92
Weber	55	70	70	61	84	76	81	87	102	104	790	9.2%	3.24
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												
Age	Year										Total	
	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%

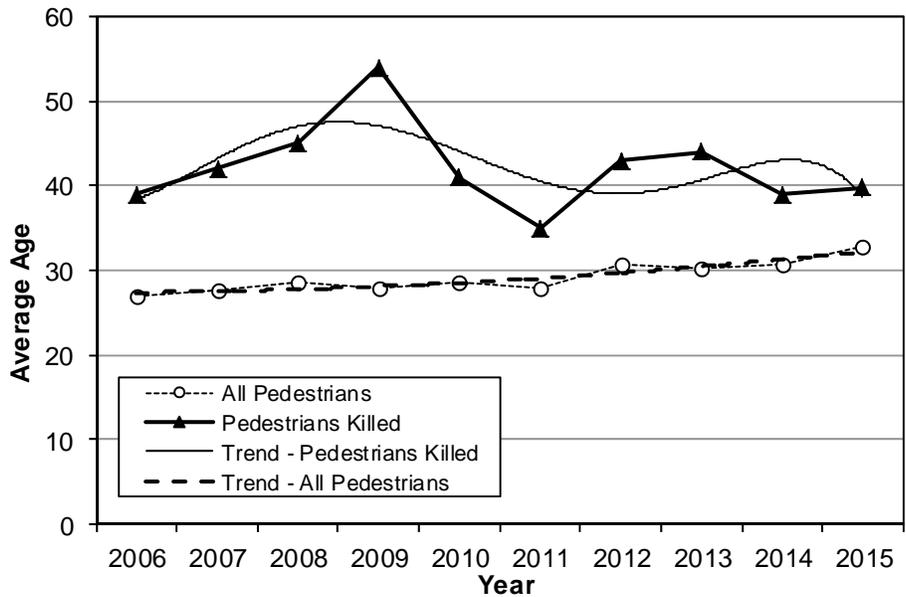


- Pedestrian deaths were highest among the age groups of 50-54, 20-29, and 45-49 years.
- Pedestrian deaths were lowest among the age groups of 5-9, 80-84, and 75-79 years.

Trends

Average Age of Pedestrians (Utah 2006-2015)

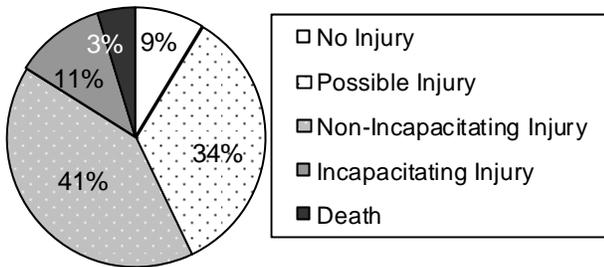
Pedestrians		
Year	Total Mean Age	Killed Mean Age
2006	26.90	39.00
2007	27.70	42.00
2008	28.70	45.00
2009	28.00	54.00
2010	28.50	41.00
2011	28.00	35.00
2012	30.80	43.00
2013	30.20	44.00
2014	30.67	39.00
2015	32.71	39.80
Average	29.22	42.18



- 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								
Gender	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
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								
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.
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

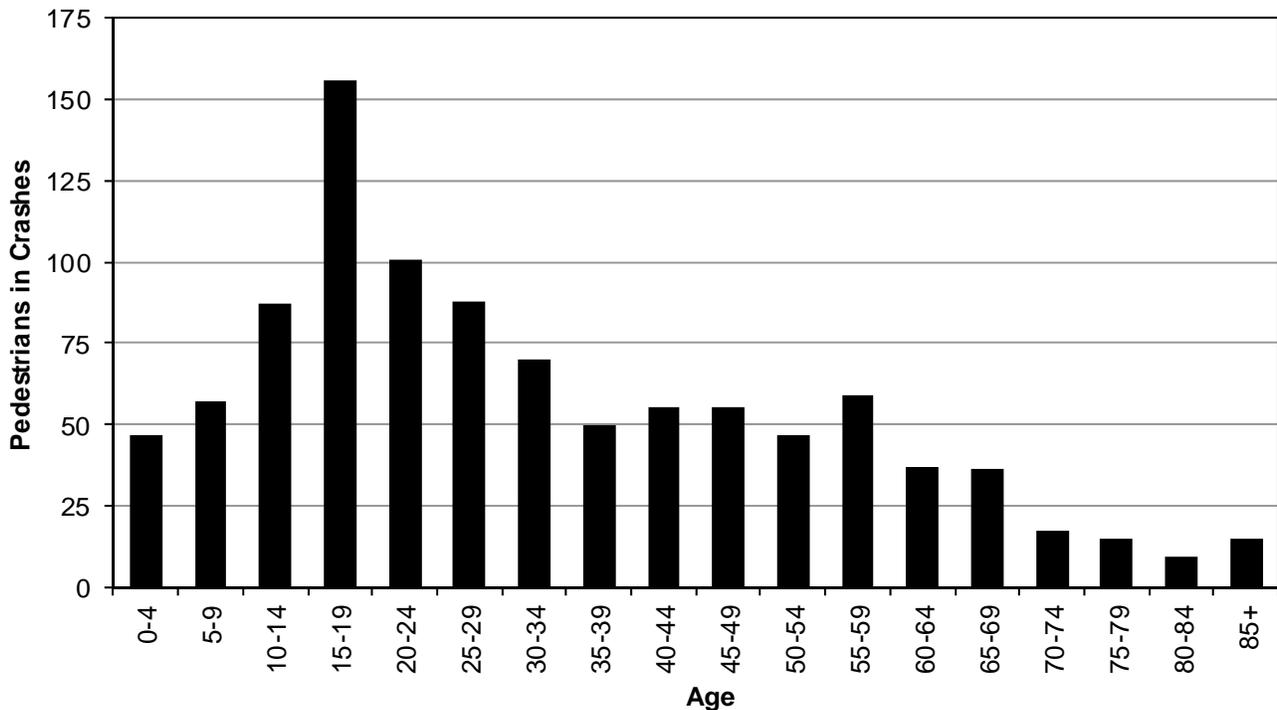
- Urban areas (3.66) had a much higher total pedestrian-motor vehicle crash rate per 10,000 population than rural areas (2.41).
- Daggett (9.02), Grand (7.36), and Salt Lake (4.77) counties had the highest rates of pedestrians in crashes per 10,000 population.
- Salt Lake County accounted for 51% of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

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	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

Pedestrian-Motor Vehicle Crash Conditions

Age of Pedestrians in Crashes (Utah 2015)

Pedestrians								
Age	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
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%

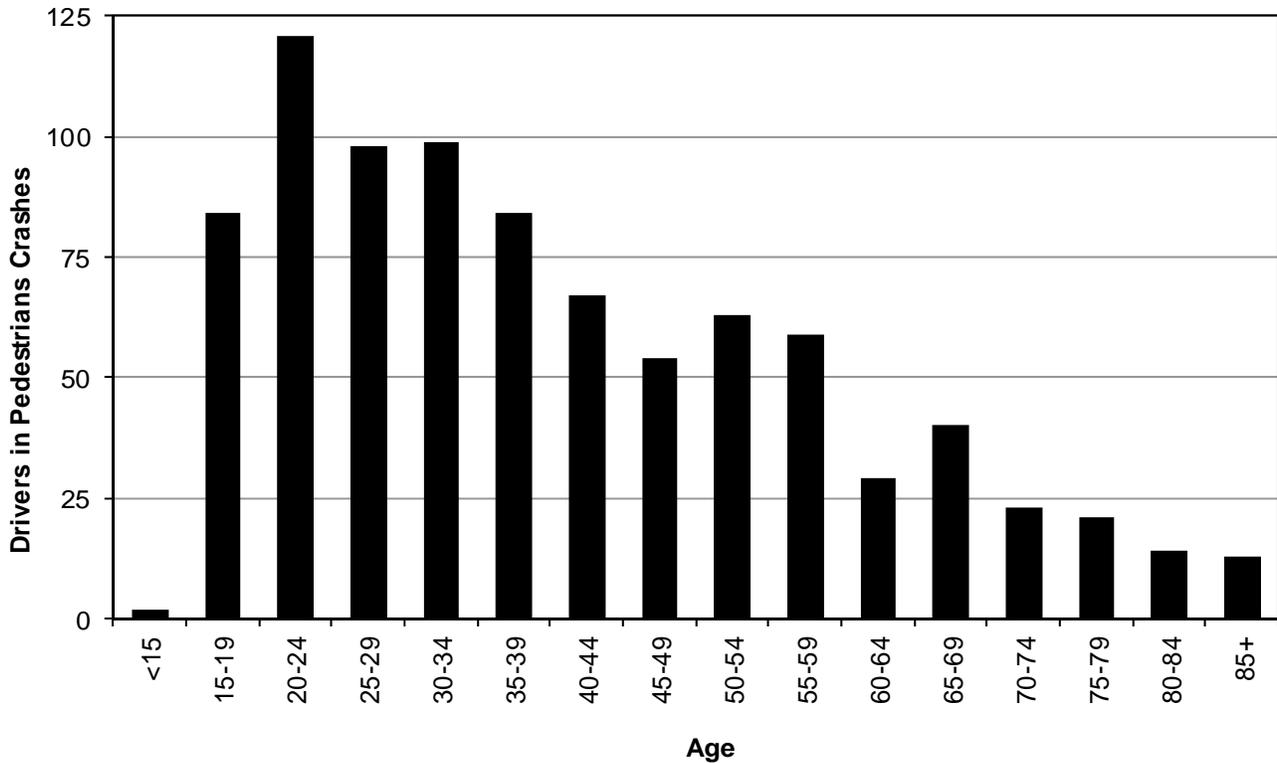


- Overall, the largest percentages of pedestrians in crashes were aged 10-29 years (41.5%).
- The highest percentage of pedestrian deaths occurred in the 25-29 and 40-44 year age groups.

Pedestrian-Motor Vehicle Crash Conditions

Driver Age (Utah 2015)

Drivers (Pedestrian-Motor Vehicle Crashes)								
Age	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
<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)								
Gender	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
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								
Month	Non-Injured		Injured		Killed		Total	
	#	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)

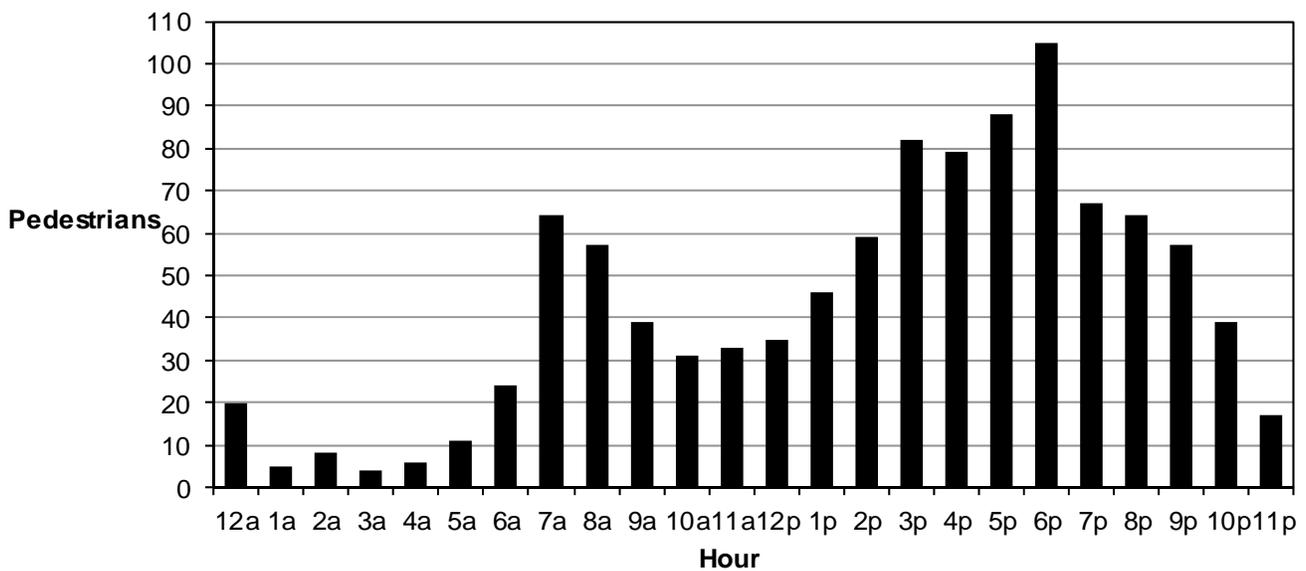
Pedestrians								
Day of Week	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
Sunday	9	10.0%	72	8.0%	4	8.2%	85	8.2%
Monday	15	16.7%	145	16.1%	5	10.2%	165	15.9%
Tuesday	10	11.1%	148	16.4%	3	6.1%	161	15.5%
Wednesday	12	13.3%	136	15.1%	6	12.2%	154	14.8%
Thursday	18	20.0%	138	15.3%	11	22.4%	167	16.1%
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								
Hour	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
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								
Contributing Factors	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
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									
Pedestrian Location	Non-Injured		Injured		Killed		Total		
	#	%	#	%	#	%	#	%	
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)

Pedestrian Action	Pedestrians							
	Non-Injured		Injured		Killed		Total	
	#	%	#	%	#	%	#	%
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)

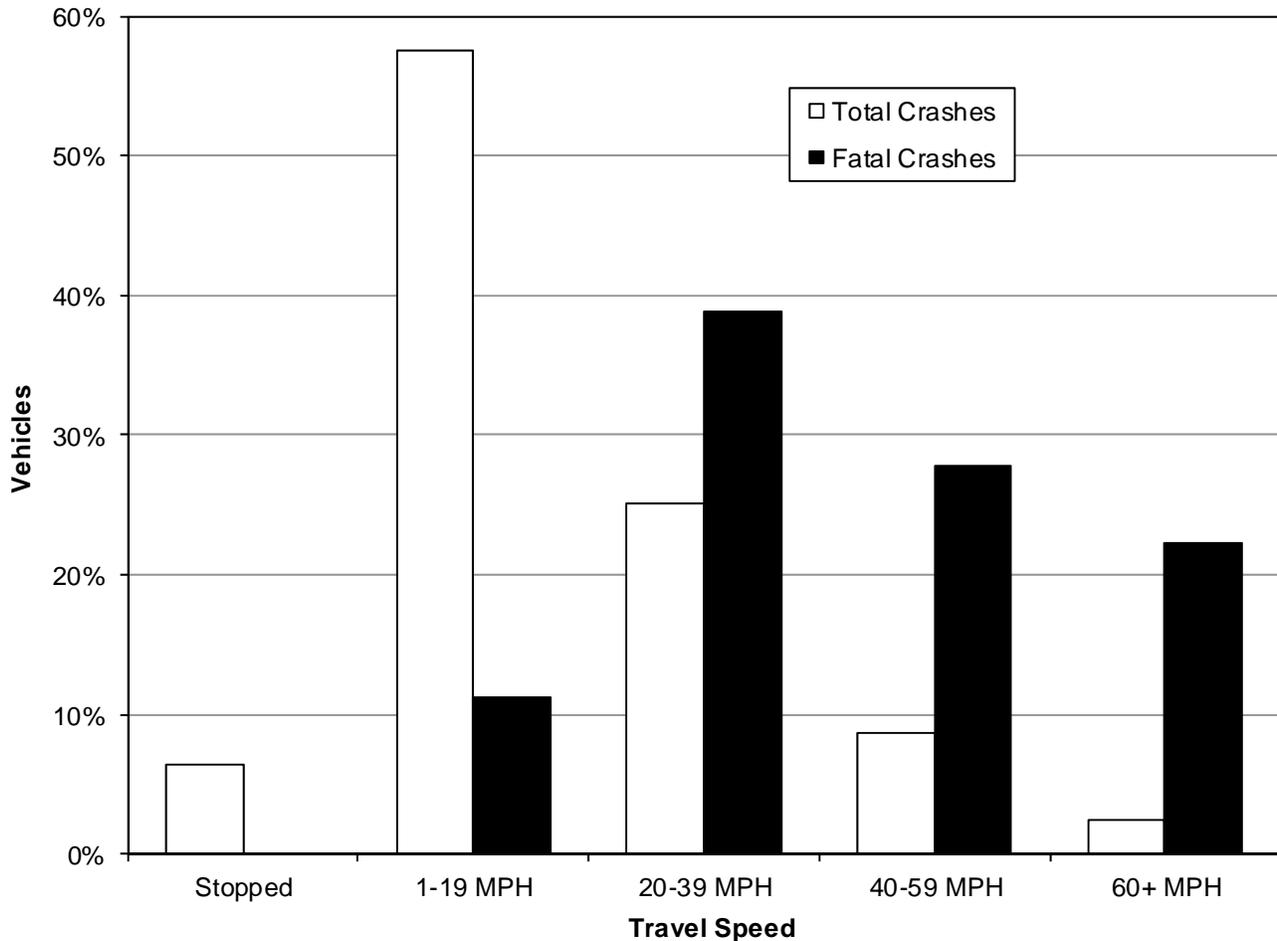
Vehicle Maneuver	Vehicles (Pedestrian-Motor Vehicle Crashes)							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
Straight Ahead	28	39.4%	414	43.2%	46	85.2%	488	45.0%
Turning Left	6	8.5%	161	16.8%	1	1.9%	168	15.5%
Turning Right	6	8.5%	134	14.0%	2	3.7%	142	13.1%
Backing	3	4.2%	82	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)

Travel Speed	Vehicles (Pedestrian-Motor Vehicle Crashes)							
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
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

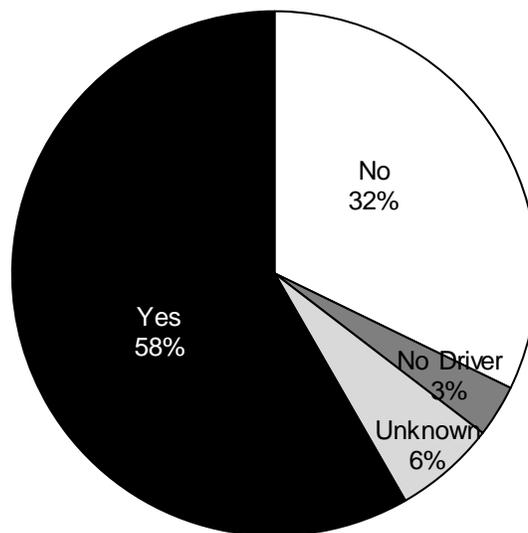
Pedestrian-Motor Vehicle Crashes by Speed Limit (Utah 2015)

Vehicles (Pedestrian-Motor Vehicle Crashes)								
Speed Limit	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
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%	11	21.2%	241	23.2%
40-45 MPH	24	38.1%	148	16.1%	15	28.8%	187	18.0%
50-55 MPH	0	0.0%	9	1.0%	4	7.7%	13	1.3%
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%	9	17.3%	325	31.3%
Total	63	100.0%	922	100.0%	52	100.0%	1,037	100.0%

- The majority (83.4% 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 Contributing Factor(s)	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
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)								
Contributing Factors	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
	#	%	#	%	#	%	#	%
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.