Pedestrians

2009

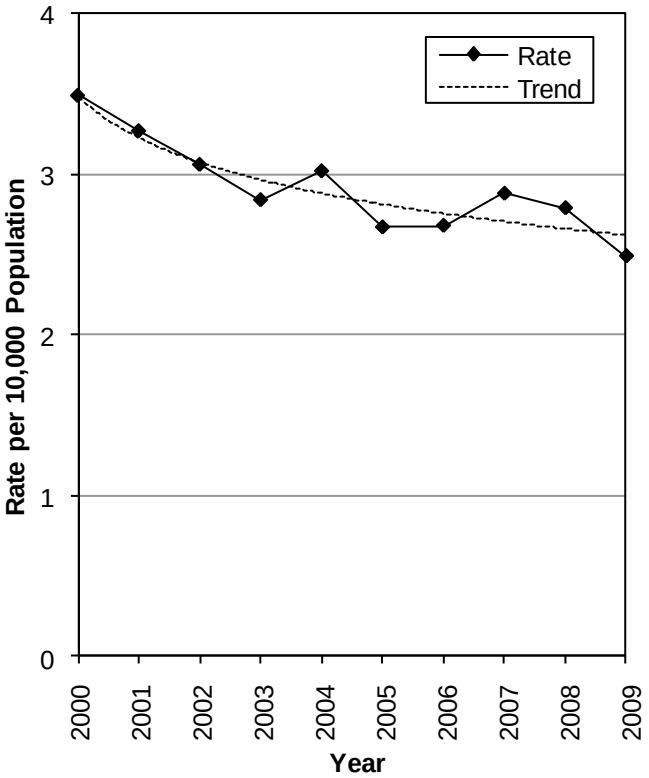
Section 7: Pedestrians

Trends

Pedestrians in Crashes (Utah 2000-2009)

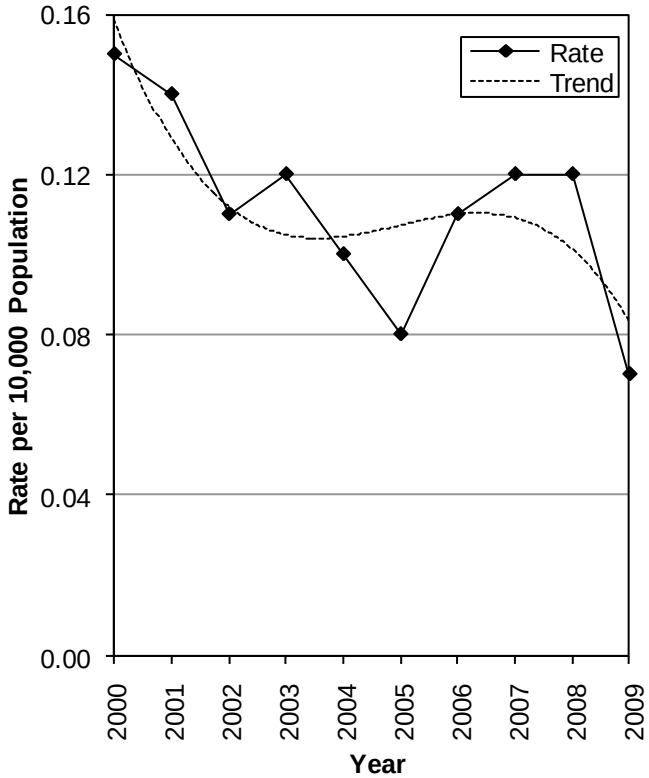
Pedestrians								
	Non-Injured		Injured		Killed		Total	
Year	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.	#	Rate per 10,000 Pop.
2000	44	0.20	708	3.15	33	0.15	**785**	**3.49**
2001	39	0.17	682	2.96	33	0.14	**754**	**3.27**
2002	32	0.14	664	2.82	25	0.11	**721**	**3.06**
2003	42	0.17	616	2.55	28	0.12	**686**	**2.84**
2004	45	0.18	675	2.73	25	0.10	**745**	**3.02**
2005	35	0.14	626	2.46	20	0.08	**681**	**2.67**
2006	55	0.21	617	2.36	29	0.11	**701**	**2.68**
2007	65	0.24	681	2.52	32	0.12	**778**	**2.88**
2008	97	0.35	638	2.31	34	0.12	**769**	**2.79**
2009	65	0.23	613	2.19	20	0.07	**698**	**2.49**
Total	**519**	**0.21**	**6,520**	**2.59**	**279**	**0.11**	**7,318**	**2.90**

Pedestrian Crash Rates Per Population (Utah 2000-2009)



- Over the last 10 years, total pedestrian crash rates per population have followed a decreasing trend.
- In 2009, the total rate per population of pedestrians in crashes decreased 11% from 2008.
- 2009 had the lowest rate per population of total pedestrians in crashes.

Pedestrian Death Rates Per Population (Utah 2000-2009)



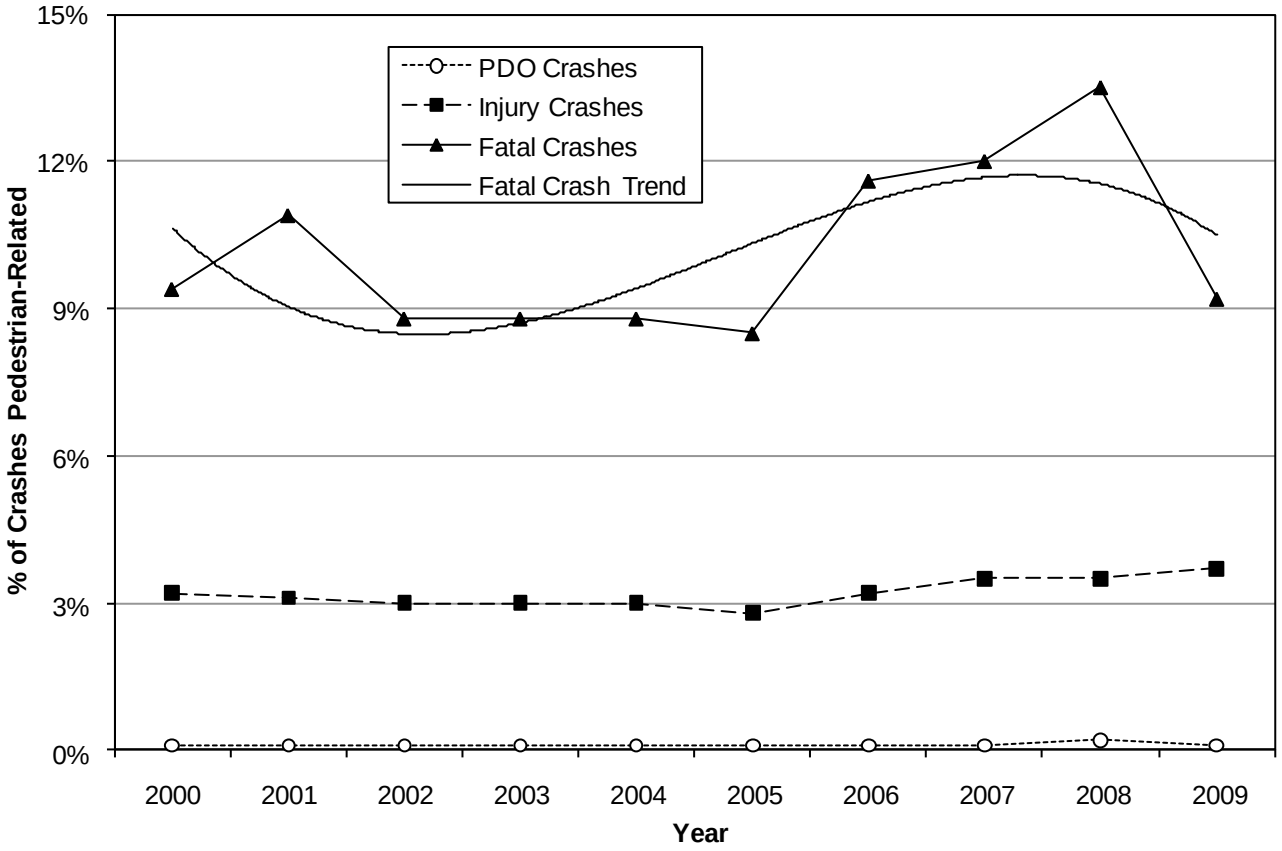
- The pedestrian death rates per population decreased in 2009 after an increasing trend over the previous three years.
- 2000 had the highest rate per population of pedestrians killed in crashes (0.15), while 2009 had the lowest rate (0.07).

Trends

Pedestrian-Motor Vehicle Crashes (Utah 2000-2009)

Pedestrian-Motor Vehicle Crashes												
	Property Damage Only			Injury			Fatal			Total		
	All	Pedestrian		All	Pedestrian		All	Pedestrian		All	Pedestrian	
Year	#	#	%	#	#	%	#	#	%	#	#	%
2000	33,269	31	0.1%	19,564	626	3.2%	318	30	9.4%	**53,151**	**687**	**1.3%**
2001	33,113	30	0.1%	19,332	597	3.1%	258	28	10.9%	**52,703**	**655**	**1.2%**
2002	33,542	28	0.1%	19,552	584	3.0%	274	24	8.8%	**53,368**	**636**	**1.2%**
2003	31,842	36	0.1%	18,285	540	3.0%	262	23	8.8%	**50,389**	**599**	**1.2%**
2004	34,222	37	0.1%	19,423	583	3.0%	260	23	8.8%	**53,905**	**643**	**1.2%**
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%**
Total	**355,658**	**369**	**0.1%**	**185,386**	**5,908**	**3.2%**	**2,576**	**261**	**10.1%**	**543,620**	**6,538**	**1.2%**

Percent of Crashes Pedestrian-Related (Utah 2000-2009)



- The 10-year trend shows that pedestrian-motor vehicle crashes represent 0.1% of property damage only crashes, 3.2% of injury crashes, and 10.1% of fatal crashes.
- Pedestrians are over-represented in fatal crashes accounting for 10.1% of fatal crashes compared to 1.2% of total crashes.
- From 2008 to 2009, the percent of fatal crashes that involved a pedestrian decreased 32%.
- During the last 10 years, the highest percent of fatal crashes involving pedestrians occurred in 2008 (13.5%).

Counties

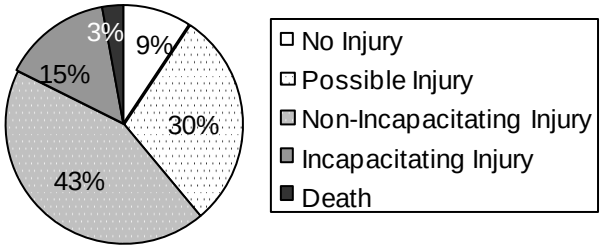
Pedestrians in Crashes by County (Utah 2009)

	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.
Grand	0	0.00	4	4.21	0	0.00	**4**	**4.21**
Garfield	0	0.00	2	3.88	0	0.00	**2**	**3.88**
Salt Lake	37	0.36	323	3.10	11	0.11	**371**	**3.56**
Carbon	1	0.51	6	3.04	0	0.00	**7**	**3.54**
Beaver	1	1.52	1	1.52	0	0.00	**2**	**3.04**
Weber	7	0.31	51	2.24	3	0.13	**61**	**2.68**
Box Elder	2	0.40	10	2.02	1	0.20	**13**	**2.63**
Sevier	0	0.00	5	2.41	0	0.00	**5**	**2.41**
Iron	1	0.21	10	2.14	0	0.00	**11**	**2.35**
Davis	5	0.16	54	1.76	1	0.03	**60**	**1.95**
Cache	1	0.09	21	1.84	0	0.00	**22**	**1.93**
Utah	6	0.11	87	1.64	2	0.04	**95**	**1.79**
Summit	1	0.25	6	1.48	0	0.00	**7**	**1.73**
Washington	2	0.14	23	1.58	0	0.00	**25**	**1.72**
Tooele	0	0.00	8	1.35	0	0.00	**8**	**1.35**
Duchesne	0	0.00	1	0.58	1	0.58	**2**	**1.15**
Emery	1	0.92	0	0.00	0	0.00	**1**	**0.92**
Wasatch	0	0.00	0	0.00	1	0.43	**1**	**0.43**
Uintah	0	0.00	1	0.32	0	0.00	**1**	**0.32**
Daggett	0	0.00	0	0.00	0	0.00	**0**	**0.00**
Juab	0	0.00	0	0.00	0	0.00	**0**	**0.00**
Kane	0	0.00	0	0.00	0	0.00	**0**	**0.00**
Millard	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**
San Juan	0	0.00	0	0.00	0	0.00	**0**	**0.00**
Sanpete	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	**65**	**0.23**	**613**	**2.19**	**20**	**0.07**	**698**	**2.49**

- Grand (4.21), Garfield (3.88), and Salt Lake (3.56) counties had the highest rates of pedestrians in crashes per 10,000 population.
- Daggett, Juab, Kane, Millard, Morgan, Piute, Rich, San Juan, Sanpete, and Wayne counties had no pedestrians in crashes.

Pedestrians

Injury Severity of Pedestrians in Crashes (Utah 2009)



- 87.8% of pedestrians in crashes sustained an injury compared to 18.0% of all persons in crashes.
- The percentage of pedestrians killed in crashes (2.9%) was much higher than the percentage for all persons killed in motor vehicle crashes (0.2%).
- Pedestrian crashes were 8.1 times more likely to result in a death than other motor vehicle crashes.

Age of Pedestrians in Crashes (Utah 2009)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
Age	#	%	#	%	#	%	#	%
0-4	8	12.3%	33	5.4%	0	0.0%	**41**	**5.9%**
5-9	7	10.8%	49	8.0%	0	0.0%	**56**	**8.0%**
10-14	5	7.7%	76	12.4%	0	0.0%	**81**	**11.6%**
15-19	8	12.3%	89	14.5%	0	0.0%	**97**	**13.9%**
20-24	5	7.7%	60	9.8%	3	15.0%	**68**	**9.7%**
25-29	5	7.7%	53	8.6%	0	0.0%	**58**	**8.3%**
30-34	4	6.2%	33	5.4%	1	5.0%	**38**	**5.4%**
35-39	1	1.5%	31	5.1%	0	0.0%	**32**	**4.6%**
40-44	3	4.6%	32	5.2%	1	5.0%	**36**	**5.2%**
45-49	3	4.6%	33	5.4%	2	10.0%	**38**	**5.4%**
50-54	1	1.5%	23	3.8%	3	15.0%	**27**	**3.9%**
55-59	2	3.1%	14	2.3%	3	15.0%	**19**	**2.7%**
60-64	0	0.0%	11	1.8%	2	10.0%	**13**	**1.9%**
65-69	1	1.5%	17	2.8%	1	5.0%	**19**	**2.7%**
70-74	0	0.0%	8	1.3%	0	0.0%	**8**	**1.1%**
75-79	0	0.0%	2	0.3%	2	10.0%	**4**	**0.6%**
80-84	0	0.0%	3	0.5%	1	5.0%	**4**	**0.6%**
85+	0	0.0%	4	0.7%	1	5.0%	**5**	**0.7%**
Unknown	12	18.5%	42	6.9%	0	0.0%	**54**	**7.7%**
Total	**65**	**100.0%**	**613**	**100.0%**	**20**	**100.0%**	**698**	**100.0%**

- Overall, the largest percentages of pedestrians in crashes were aged 10-24 years (38.2% of known).
- The highest percentage of pedestrian deaths occurred in the 45-64 year age group (50.0%).
- The average age of a pedestrian in a crash was 28 years. The average age of a pedestrian killed was 54 years.

Gender of Pedestrians in Crashes (Utah 2009)

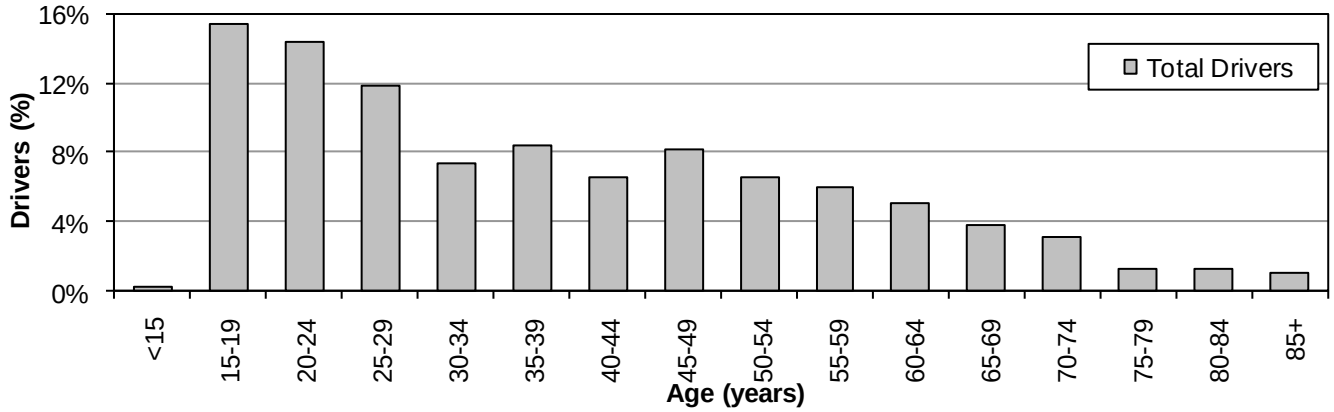
Pedestrians								
	Non-Injured		Injured		Killed		Total	
Gender	#	%	#	%	#	%	#	%
Male	37	56.9%	339	55.3%	14	70.0%	**390**	**55.9%**
Female	18	27.7%	261	42.6%	6	30.0%	**285**	**40.8%**
Unknown	10	15.4%	13	2.1%	0	0.0%	**23**	**3.3%**
Total	**65**	**100.0%**	**613**	**100.0%**	**20**	**100.0%**	**698**	**100.0%**

- The majority of all pedestrians hit (55.9%) and pedestrians killed (70.0%) in crashes were male.

Drivers

Driver Age (Utah 2009)

Drivers (Pedestrian-Motor Vehicle Crashes)								
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Age	#	%	#	%	#	%	#	%
<15	0	0.0%	1	0.2%	0	0.0%	**1**	**0.1%**
15-19	5	10.6%	82	13.6%	3	12.0%	**90**	**13.3%**
20-24	4	8.5%	77	12.7%	3	12.0%	**84**	**12.4%**
25-29	10	21.3%	58	9.6%	1	4.0%	**69**	**10.2%**
30-34	2	4.3%	40	6.6%	1	4.0%	**43**	**6.4%**
35-39	2	4.3%	44	7.3%	3	12.0%	**49**	**7.2%**
40-44	4	8.5%	31	5.1%	3	12.0%	**38**	**5.6%**
45-49	5	10.6%	38	6.3%	4	16.0%	**47**	**7.0%**
50-54	3	6.4%	35	5.8%	0	0.0%	**38**	**5.6%**
55-59	4	8.5%	28	4.6%	3	12.0%	**35**	**5.2%**
60-64	3	6.4%	25	4.1%	1	4.0%	**29**	**4.3%**
65-69	0	0.0%	22	3.6%	0	0.0%	**22**	**3.3%**
70-74	1	2.1%	16	2.6%	1	4.0%	**18**	**2.7%**
75-79	0	0.0%	7	1.2%	0	0.0%	**7**	**1.0%**
80-84	0	0.0%	7	1.2%	0	0.0%	**7**	**1.0%**
85+	0	0.0%	5	0.8%	1	4.0%	**6**	**0.9%**
Unknown	4	8.5%	88	14.6%	1	4.0%	**93**	**13.8%**
Total	**47**	**100.0%**	**604**	**100.0%**	**25**	**100.0%**	**676**	**100.0%**



- Nearly half (41.9% of known) of drivers in total pedestrian-motor vehicle crashes were under 30 years.
- The percentage of drivers in fatal pedestrian-motor vehicle crashes was highest for those aged 45-49 years.
- The average age of a driver was 39 years. The average age of a driver in a fatal crash was 41 years.

Driver Gender (Utah 2009)

Drivers (Pedestrian-Motor Vehicle Crashes)								
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Gender	#	%	#	%	#	%	#	%
Male	19	40.4%	341	56.5%	18	72.0%	**378**	**55.9%**
Female	25	53.2%	200	33.1%	6	24.0%	**231**	**34.2%**
Unknown	3	6.4%	63	10.4%	1	4.0%	**67**	**9.9%**
Total	**47**	**100.0%**	**604**	**100.0%**	**25**	**100.0%**	**676**	**100.0%**

- Most drivers in total pedestrian crashes (62.1% of known) and fatal crashes (75.0% of known) were male.

Pedestrian-Motor Vehicle Crash Conditions

Contributing Factors of Pedestrians in Crashes (Utah 2009)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
Contributing Factors	#	%	#	%	#	%	#	%
None	20	30.8%	202	33.0%	11	55.0%	**233**	**33.4%**
Improper Crossing	7	10.8%	85	13.9%	1	5.0%	**93**	**13.3%**
Inattentive	2	3.1%	34	5.5%	0	0.0%	**36**	**5.2%**
Darting	2	3.1%	31	5.1%	1	5.0%	**34**	**4.9%**
In Roadway (standing, kneeling, lying)	5	7.7%	23	3.8%	4	20.0%	**32**	**4.6%**
Failure to Obey Traffic Signs/Signals	0	0.0%	15	2.4%	0	0.0%	**15**	**2.1%**
Not Visible	0	0.0%	10	1.6%	3	15.0%	**13**	**1.9%**
Failure to Yield Right of Way	1	1.5%	6	1.0%	0	0.0%	**7**	**1.0%**
Other	0	0.0%	32	5.2%	0	0.0%	**32**	**4.6%**
Unknown	28	43.1%	175	28.5%	0	0.0%	**203**	**29.1%**
Total	**65**	**100.0%**	**613**	**100.0%**	**20**	**100.0%**	**698**	**100.0%**

- Improper crossing (18.8% of known), inattentive (7.3% of known), and darting (6.9% of known) were the leading contributing factors for pedestrians in total crashes.
- In roadway (20.0%) and not visible (15.0%) were the leading contributing factors for pedestrians killed.
- No contributing factors were listed for 55.0% of the pedestrians killed and 47.1% (of known) of total pedestrians.
- Other contributing factors to consider are drivers (see page 100), roadways (such as high speeds, traffic volumes, number of lanes to cross, inadequate pedestrian crossings), and vehicles (such as vehicle size).

Pedestrian-Motor Vehicle Crashes by Month (Utah 2009)

Pedestrians									
		Non-Injured		Injured		Killed		Total	
Month	# of Days	#	Rate per Day	#	Rate per Day	#	Rate per Day	#	Rate per Day
January	31	2	0.06	55	1.77	1	0.03	**58**	**1.87**
February	28	10	0.36	57	2.04	2	0.07	**69**	**2.46**
March	31	6	0.19	51	1.65	2	0.06	**59**	**1.90**
April	30	1	0.03	51	1.70	2	0.07	**54**	**1.80**
May	31	3	0.10	46	1.48	4	0.13	**53**	**1.71**
June	30	8	0.27	42	1.40	0	0.00	**50**	**1.67**
July	31	10	0.32	47	1.52	0	0.00	**57**	**1.84**
August	31	7	0.23	46	1.48	1	0.03	**54**	**1.74**
September	30	4	0.13	66	2.20	1	0.03	**71**	**2.37**
October	31	6	0.19	48	1.55	3	0.10	**57**	**1.84**
November	30	4	0.13	59	1.97	2	0.07	**65**	**2.17**
December	31	4	0.13	45	1.45	2	0.06	**51**	**1.65**
Total	**365**	**65**	**0.18**	**613**	**1.68**	**20**	**0.05**	**698**	**1.91**

- February, September, and November had the highest rates per day of total pedestrian-motor vehicle crashes.
- May (0.13) and October (0.10) had the highest rates per day of pedestrian deaths.

Pedestrian-Motor Vehicle Crash Conditions

Pedestrian-Motor Vehicle Crashes by Hour (Utah 2009)

Pedestrians								
	Non-Injured		Injured		Killed		Total	
Hour	#	%	#	%	#	%	#	%
Midnight	1	1.5%	4	0.7%	0	0.0%	**5**	**0.7%**
1 a.m.	0	0.0%	9	1.5%	0	0.0%	**9**	**1.3%**
2 a.m.	0	0.0%	6	1.0%	0	0.0%	**6**	**0.9%**
3 a.m.	0	0.0%	3	0.5%	0	0.0%	**3**	**0.4%**
4 a.m.	0	0.0%	5	0.8%	1	5.0%	**6**	**0.9%**
5 a.m.	0	0.0%	7	1.1%	1	5.0%	**8**	**1.1%**
6 a.m.	1	1.5%	16	2.6%	1	5.0%	**18**	**2.6%**
7 a.m.	3	4.6%	38	6.2%	1	5.0%	**42**	**6.0%**
8 a.m.	1	1.5%	47	7.7%	1	5.0%	**49**	**7.0%**
9 a.m.	1	1.5%	13	2.1%	1	5.0%	**15**	**2.1%**
10 a.m.	3	4.6%	17	2.8%	0	0.0%	**20**	**2.9%**
11 a.m.	1	1.5%	24	3.9%	3	15.0%	**28**	**4.0%**
Noon	5	7.7%	23	3.8%	1	5.0%	**29**	**4.2%**
1 p.m.	2	3.1%	31	5.1%	0	0.0%	**33**	**4.7%**
2 p.m.	4	6.2%	41	6.7%	1	5.0%	**46**	**6.6%**
3 p.m.	7	10.8%	65	10.6%	2	10.0%	**74**	**10.6%**
4 p.m.	6	9.2%	43	7.0%	2	10.0%	**51**	**7.3%**
5 p.m.	8	12.3%	51	8.3%	0	0.0%	**59**	**8.5%**
6 p.m.	4	6.2%	41	6.7%	1	5.0%	**46**	**6.6%**
7 p.m.	4	6.2%	39	6.4%	2	10.0%	**45**	**6.4%**
8 p.m.	4	6.2%	25	4.1%	1	5.0%	**30**	**4.3%**
9 p.m.	2	3.1%	35	5.7%	0	0.0%	**37**	**5.3%**
10 p.m.	6	9.2%	19	3.1%	1	5.0%	**26**	**3.7%**
11 p.m.	2	3.1%	11	1.8%	0	0.0%	**13**	**1.9%**
Total	**65**	**100.0%**	**613**	**100.0%**	**20**	**100.0%**	**698**	**100.0%**

- Total pedestrian-motor vehicle crashes were more likely to occur between 3:00 p.m. and 5:59 p.m.
- Fatal pedestrian-motor vehicle crashes were highest during the 11:00 a.m. hour.

Pedestrian-Motor Vehicle Crashes by Day of Week (Utah 2009)

Pedestrians								
Day of	Non-Injured		Injured		Killed		Total	
Week	#	%	#	%	#	%	#	%
Sunday	6	9.2%	38	6.2%	4	20.0%	**48**	**6.9%**
Monday	7	10.8%	99	16.2%	3	15.0%	**109**	**15.6%**
Tuesday	13	20.0%	115	18.8%	4	20.0%	**132**	**18.9%**
Wednesday	7	10.8%	92	15.0%	5	25.0%	**104**	**14.9%**
Thursday	11	16.9%	112	18.3%	2	10.0%	**125**	**17.9%**
Friday	7	10.8%	87	14.2%	1	5.0%	**95**	**13.6%**
Saturday	14	21.5%	70	11.4%	1	5.0%	**85**	**12.2%**
Total	**65**	**100.0%**	**613**	**100.0%**	**20**	**100.0%**	**698**	**100.0%**

- The highest percentage of total pedestrian-motor vehicle crashes (18.9%) occurred on Tuesday.

Pedestrian-Motor Vehicle Crash Conditions

Vehicle Maneuver Prior to Crash (Utah 2009)

Vehicles (Pedestrian-Motor Vehicle Crashes)								
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Vehicle Maneuver	#	%	#	%	#	%	#	%
Straight Ahead	27	55.1%	330	52.4%	18	66.7%	**375**	**53.1%**
Turning Right	10	20.4%	125	19.8%	0	0.0%	**135**	**19.1%**
Turning Left	5	10.2%	82	13.0%	3	11.1%	**90**	**12.7%**
Parked/Parking	2	4.1%	30	4.8%	2	7.4%	**34**	**4.8%**
Backing	2	4.1%	27	4.3%	0	0.0%	**29**	**4.1%**
Stopped/Slowing in Traffic Lane	1	2.0%	18	2.9%	2	7.4%	**21**	**3.0%**
Entering Traffic Lane	0	0.0%	8	1.3%	0	0.0%	**8**	**1.1%**
Overtaking/Passing	1	2.0%	2	0.3%	1	3.7%	**4**	**0.6%**
Changing Lanes	0	0.0%	2	0.3%	1	3.7%	**3**	**0.4%**
Other	0	0.0%	2	0.3%	0	0.0%	**2**	**0.3%**
Unknown	1	2.0%	4	0.6%	0	0.0%	**5**	**0.7%**
Total	**49**	**100.0%**	**630**	**100.0%**	**27**	**100.0%**	**706**	**100.0%**

- The leading vehicle maneuvers prior to the crash were straight ahead (53.1%), turning right (19.1%), and turning left (12.7%).

Pedestrian-Motor Vehicle Crashes by Speed Limit (Utah 2009)

- The majority (86.3% of known) of total pedestrian crashes occurred where the speed limit was 20-45 MPH.

Vehicles (Pedestrian-Motor Vehicle Crashes)								
Speed	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Limit	#	%	#	%	#	%	#	%
5-15 MPH	1	2.1%	20	3.3%	0	0.0%	**21**	**3.1%**
20-25 MPH	8	17.0%	141	23.3%	1	4.0%	**150**	**22.2%**
30-35 MPH	11	23.4%	154	25.5%	7	28.0%	**172**	**25.4%**
40-45 MPH	6	12.8%	90	14.9%	4	16.0%	**100**	**14.8%**
50-55 MPH	3	6.4%	12	2.0%	2	8.0%	**17**	**2.5%**
60-65 MPH	4	8.5%	7	1.2%	10	40.0%	**21**	**3.1%**
70+ MPH	0	0.0%	7	1.2%	1	4.0%	**8**	**1.2%**
Unknown	14	29.8%	173	28.6%	0	0.0%	**187**	**27.7%**
Total	**47**	**100.0%**	**604**	**100.0%**	**25**	**100.0%**	**676**	**100.0%**

Travel Speed of Vehicles in Pedestrian Crashes (Utah 2009)

Vehicles (Pedestrian-Motor Vehicle Crashes)								
Travel	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Speed	#	%	#	%	#	%	#	%
Parked	2	4.1%	26	4.1%	2	7.4%	**30**	**4.2%**
Stopped	0	0.0%	9	1.4%	2	7.4%	**11**	**1.6%**
1-9 MPH	7	14.3%	119	18.9%	1	3.7%	**127**	**18.0%**
10-19 MPH	4	8.2%	77	12.2%	1	3.7%	**82**	**11.6%**
20-29 MPH	0	0.0%	69	11.0%	1	3.7%	**70**	**9.9%**
30-39 MPH	3	6.1%	49	7.8%	7	25.9%	**59**	**8.4%**
40-49 MPH	2	4.1%	17	2.7%	3	11.1%	**22**	**3.1%**
50-59 MPH	1	2.0%	14	2.2%	4	14.8%	**19**	**2.7%**
60-69 MPH	2	4.1%	4	0.6%	2	7.4%	**8**	**1.1%**
70+ MPH	0	0.0%	2	0.3%	0	0.0%	**2**	**0.3%**
Unknown	28	57.1%	244	38.7%	4	14.8%	**276**	**39.1%**
Total	**49**	**100.0%**	**630**	**100.0%**	**27**	**100.0%**	**706**	**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 9.7 times more likely to die.

Pedestrian-Motor Vehicle Crash Conditions

Contributing Factors in Pedestrian Crashes (Utah 2009)

Drivers/Vehicles (Pedestrian-Motor Vehicle Crashes)								
	PDO Crashes		Injury Crashes		Fatal Crashes		Total	
Contributing Factors	#	%	#	%	#	%	#	%
Failed to Yield Right of Way	10	22.7%	195	30.8%	5	10.2%	**210**	**28.9%**
Other Improper Driving	7	15.9%	61	9.6%	0	0.0%	**68**	**9.4%**
Hit and Run	3	6.8%	61	9.6%	3	6.1%	**67**	**9.2%**
Driver Distraction	2	4.5%	43	6.8%	3	6.1%	**48**	**6.6%**
Vision Obscured by Weather Condition	3	6.8%	25	3.9%	4	8.2%	**32**	**4.4%**
Speed Too Fast	2	4.5%	21	3.3%	6	12.2%	**29**	**4.0%**
Vision Obscured by Moving Vehicle	1	2.3%	23	3.6%	1	2.0%	**25**	**3.4%**
Failed to Keep in Proper Lane	2	4.5%	13	2.1%	7	14.3%	**22**	**3.0%**
Vision Obscured by Glare	1	2.3%	18	2.8%	1	2.0%	**20**	**2.8%**
Vision Obscured by Other	3	6.8%	15	2.4%	0	0.0%	**18**	**2.5%**
Improper Turn	2	4.5%	15	2.4%	0	0.0%	**17**	**2.3%**
Vision Obscured by Parked Vehicle	0	0.0%	17	2.7%	0	0.0%	**17**	**2.3%**
Reckless/Aggressive Driving	0	0.0%	11	1.7%	3	6.1%	**14**	**1.9%**
Driving Under the Influence	1	2.3%	9	1.4%	3	6.1%	**13**	**1.8%**
Improper Backing	1	2.3%	12	1.9%	0	0.0%	**13**	**1.8%**
Vehicle Other Defective Condition	0	0.0%	12	1.9%	1	2.0%	**13**	**1.8%**
Driver Emotionally Upset	0	0.0%	12	1.9%	0	0.0%	**12**	**1.7%**
Swerved or Evasive Action	1	2.3%	10	1.6%	0	0.0%	**11**	**1.5%**
Disregard Traffic Signal/Sign	0	0.0%	8	1.3%	1	2.0%	**9**	**1.2%**
Improper Parking/Stopping	0	0.0%	7	1.1%	1	2.0%	**8**	**1.1%**
Other Driver Condition	0	0.0%	8	1.3%	0	0.0%	**8**	**1.1%**
Ran Off Road	0	0.0%	3	0.5%	5	10.2%	**8**	**1.1%**
Overcorrected	1	2.3%	6	0.9%	0	0.0%	**7**	**1.0%**
Vehicle Brakes	0	0.0%	7	1.1%	0	0.0%	**7**	**1.0%**
Followed Too Closely	1	2.3%	4	0.6%	1	2.0%	**6**	**0.8%**
Disregard Road Markings	0	0.0%	4	0.6%	0	0.0%	**4**	**0.6%**
Vision Obscured by Building, Sign	0	0.0%	4	0.6%	0	0.0%	**4**	**0.6%**
Vision Obscured by Vegitation	2	4.5%	2	0.3%	0	0.0%	**4**	**0.6%**
Driver Illness/Medical	0	0.0%	2	0.3%	1	2.0%	**3**	**0.4%**
Vehicle Tires	0	0.0%	2	0.3%	1	2.0%	**3**	**0.4%**
Windshield or Other Window Obscured	0	0.0%	3	0.5%	0	0.0%	**3**	**0.4%**
Improper Lane Change	0	0.0%	1	0.2%	1	2.0%	**2**	**0.3%**
Improper Passing	0	0.0%	0	0.0%	1	2.0%	**1**	**0.1%**
Wrong Side/Wrong Way	1	2.3%	0	0.0%	0	0.0%	**1**	**0.1%**
Total	**44**	**100.0%**	**634**	**100.0%**	**49**	**100.0%**	**727**	**100.0%**

- Failed to yield right of way (28.9%), hit and run (9.2%), and driver distraction (6.6%) were the leading contributing factors in total pedestrian-motor vehicle crashes.
- Failed to keep in proper lane (14.3%) and speed too fast (12.2%) were the leading contributing factors in fatal pedestrian-motor vehicle crashes.

2009 Utah Crash Facts

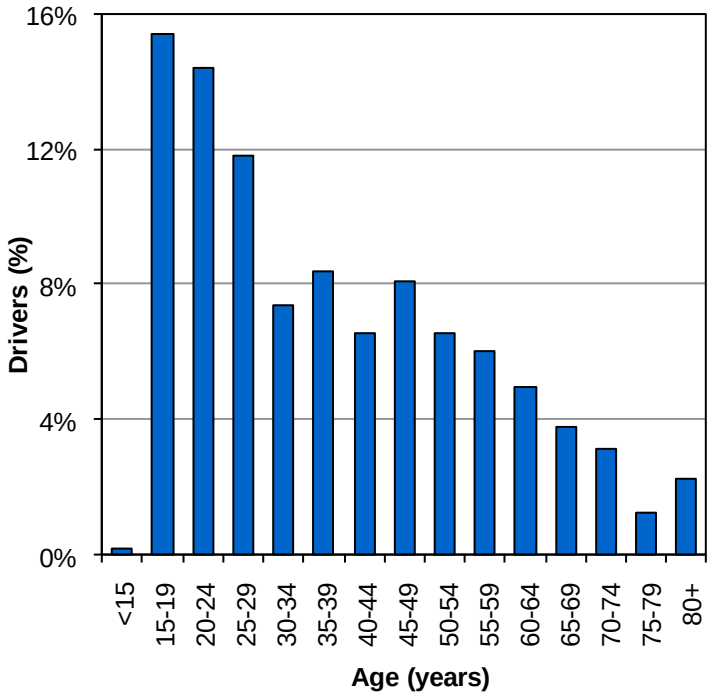
Utah Department of Public Safety
Highway Safety Office

Pedestrians

Did you know in 2009:

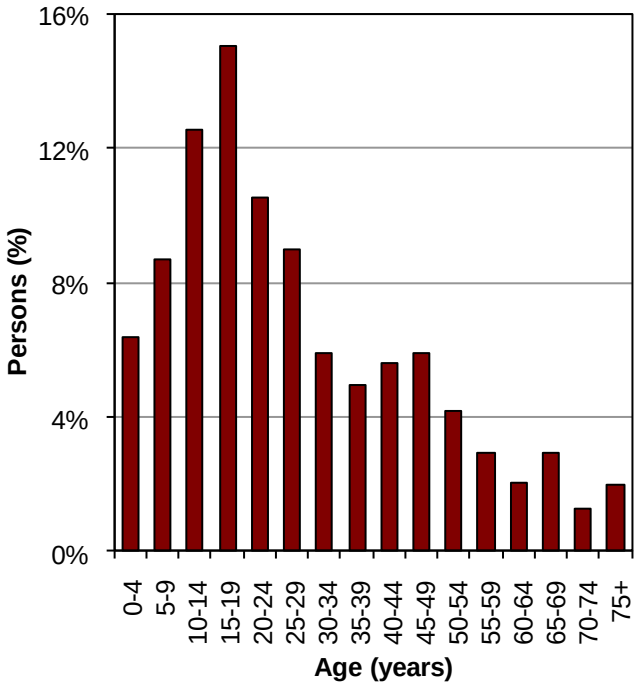
- 698 pedestrians were struck by motor vehicles; 613 were injured and 20 were killed.
- Pedestrians accounted for 1% of persons in crashes and 8% of deaths.
- Pedestrian crashes were 8 times more likely to result in a death than other crashes.

Age of Drivers in Pedestrian-Motor Vehicle Crashes (Utah 2009)



- Nearly half (42%) of drivers in pedestrian-motor vehicle crashes were under 30 years.

Age of Pedestrians in Pedestrian-Motor Vehicle Crashes (Utah 2009)



- Over half (53%) of the pedestrians in crashes were under 25 years of age.

Leading Contributing Factors of Drivers in Pedestrian Crashes (Utah 2009)

1. Failed to Yield Right of Way (32%)
2. Hit and Run (10%)
3. Driver Distraction (7%)
4. Vision Obscured by Weather (5%)
5. Speed Too Fast (4%)

Leading Contributing Factors of Pedestrians in Crashes (Utah 2009)

1. Improper Crossing (19%)
2. Inattentive (7%)
3. Darting (7%)

- 47% of pedestrians had no contributing factor in the crash.

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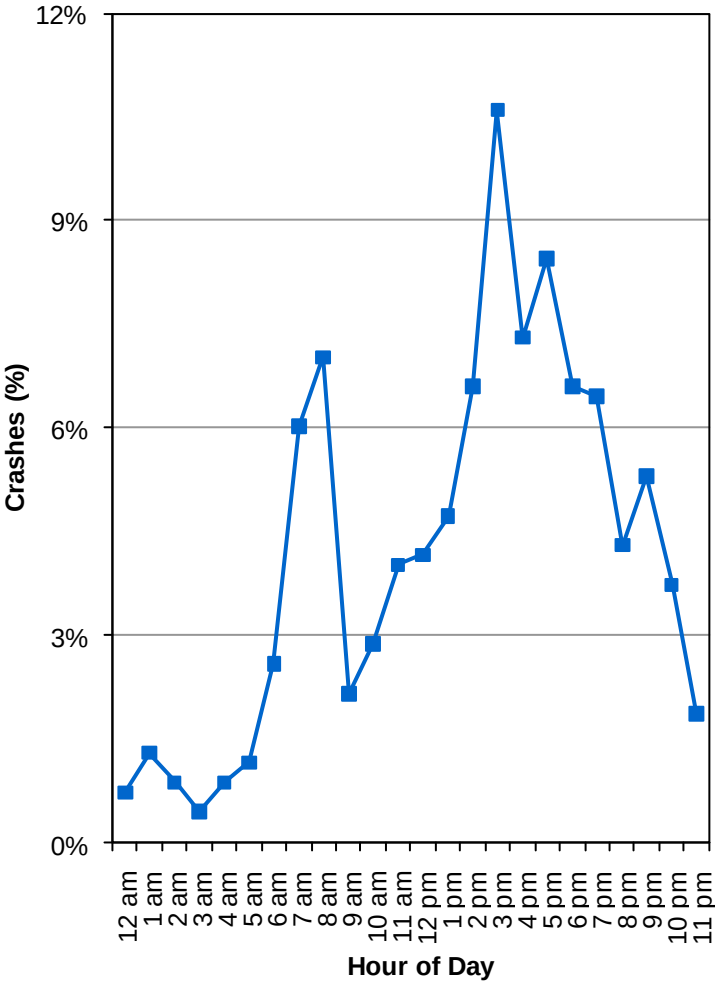
Pedestrians

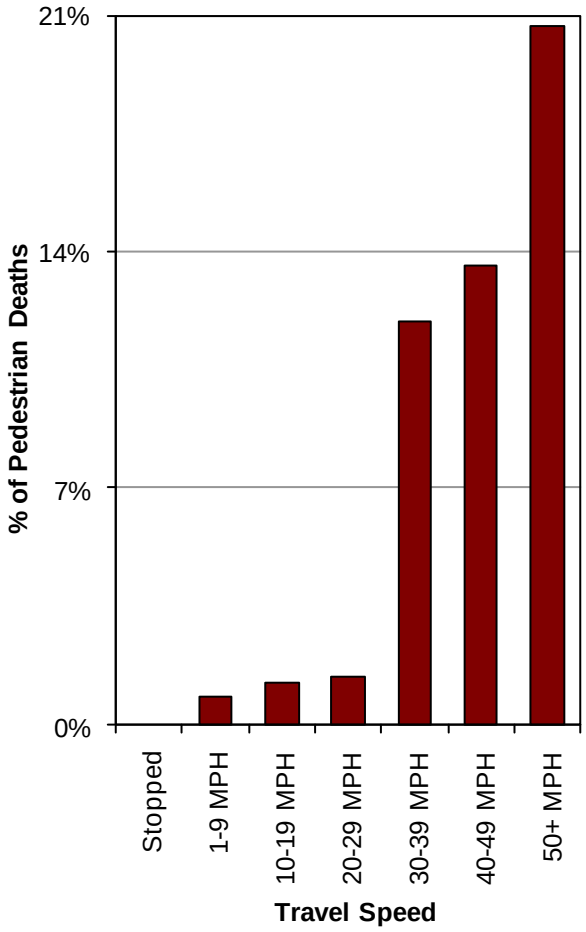
Nearly one-third (32%) of drivers who hit pedestrians were turning. Drivers need to watch for pedestrians before turning.

Pedestrian-Motor Vehicle Crashes by Hour (Utah 2009)



- Pedestrian-motor vehicle crashes occurred most often between 3:00 p.m.-5:59 p.m.

Percent of Pedestrian Deaths by Vehicle Travel Speed (Utah 2009)



- 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 10 times more likely to die.

Location of Pedestrians in Crashes (Utah 2009)

1. Marked Crosswalk (39%)
2. In Roadway Not at Intersection/Crosswalk (29%)
3. Shoulder (10%)
4. Unmarked Crosswalk (8%)
5. Sidewalk (5%)

Motor Vehicle Action Prior to Crash (Utah 2009)

1. Straight Ahead (53%)
2. Turning Right (19%)
3. Turning Left (13%)
4. Parked/Parking (5%)
5. Backing (4%)

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