Pedestrians 2004

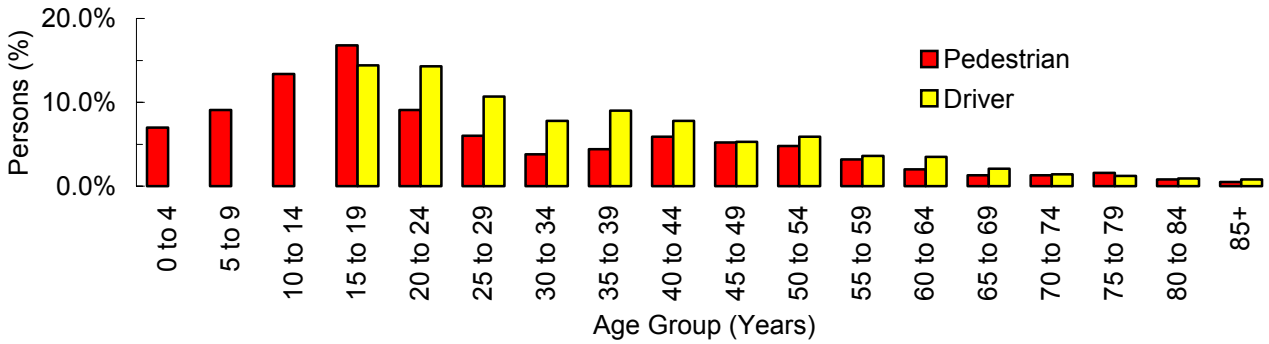
2004 UTAH CRASH FACTS

PEDESTRIANS

Did you know that in 2004. . .

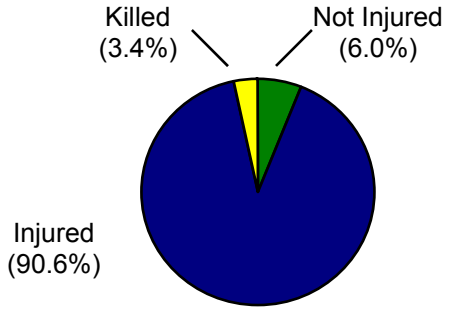
- 745 pedestrians were involved in motor vehicle crashes; 675 were injured, and 25 were killed.
- Pedestrians were 18 times more likely to be killed in a crash than other crash occupants.

Age of Persons Involved in Pedestrian-Motor Vehicle Crashes (Utah 2004)



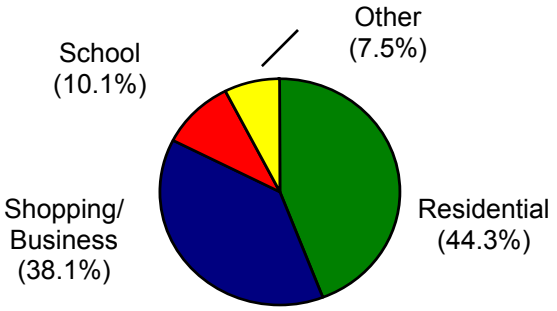
- The highest percentage of pedestrians involved in crashes were aged 15 to 19 years (16.8%).
- Almost half (46.3%) of the pedestrians involved in crashes were under 20 years old.
- The highest percentage of drivers involved in pedestrian crashes were aged 15 to 19 years (14.4%).

Pedestrian Injury Severity (Utah 2004)



- Nearly all pedestrians (90.6%) involved in crashes sustained an injury compared to 21.0% of all motor vehicle crash occupants.

Locality of Pedestrian-Motor Vehicle Crashes (Utah 2004)



- The majority of pedestrian-motor vehicle crashes occurred in residential (44.3%) and shopping/business (38.1%) areas.

Top 3 Contributing Factors Involved in Pedestrian-Motor Vehicle Crashes:

1. Improper Lookout (37.0%)
2. Failed to Yield Right-of-Way (25.5%)
3. Hit and Run (12.6%)

- In addition to the above, “driving under the influence,” “had been drinking,” and “under the influence of drugs” accounted for 2.4% of pedestrian-motor vehicle crashes.

Top 3 Violations of Drivers Involved in Pedestrian-Motor Vehicle Crashes:

1. Failure to Yield Right-of-Way (48.1%)
2. Improper Lookout (16.4%)
3. Hit and Run (9.5%)

- Over one-quarter (28.4%) of the drivers involved in pedestrian-motor vehicle crashes received a citation.

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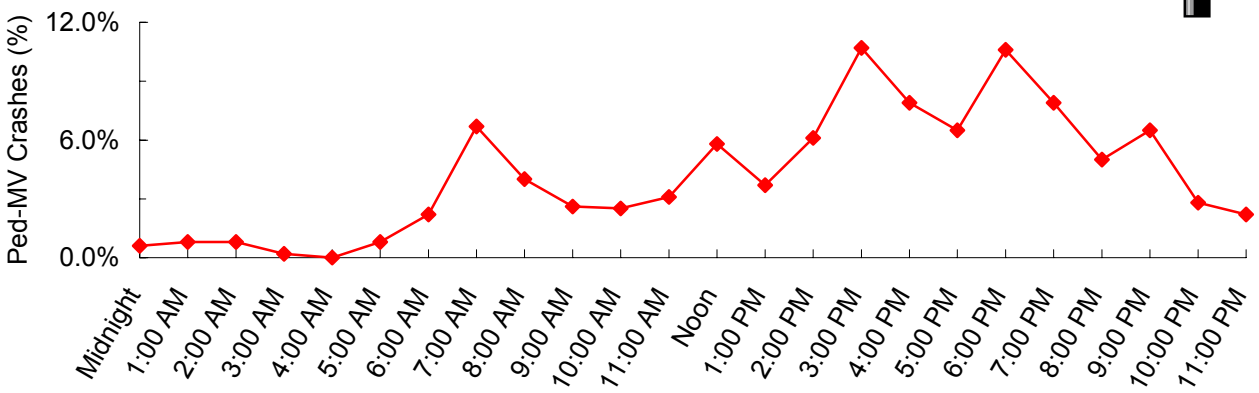
2004 UTAH CRASH FACTS

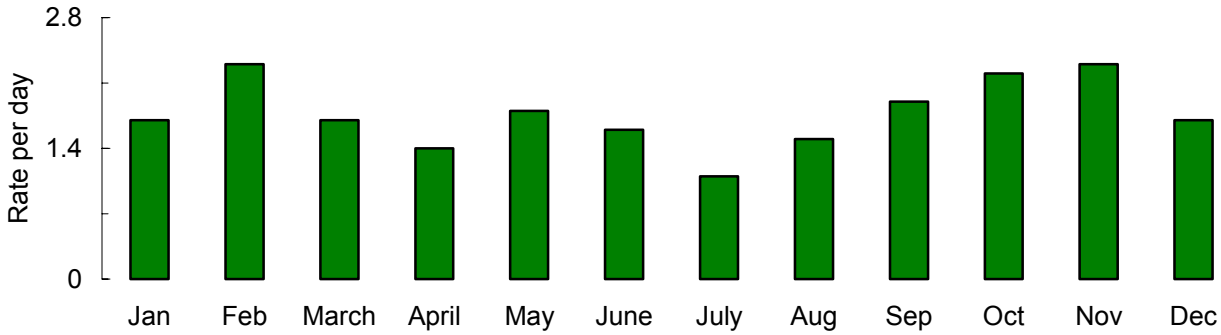
PEDESTRIANS

Time of Day Pedestrian-Motor Vehicle Crashes Occurred (Utah 2004)



- Pedestrian-motor vehicle crashes occurred most often between 3:00 pm to 7:00 pm. There was also a small peak at 7:00 am.

Month of the Year Pedestrian-Motor Vehicle Crashes Occurred (Utah 2004)



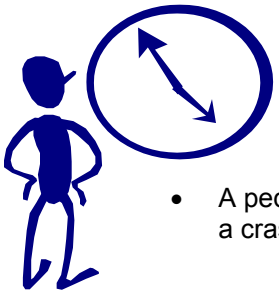
- February (2.3) and November (2.3) had the highest rates per day of pedestrian-motor vehicle crashes.

Actions of Pedestrians Prior to Crashes (Utah 2004)

1. Crossing Intersection with Signal (21.3%)
2. Crossing Not at Intersection (15.3%)
3. Crossing Intersection with No Signal (12.6%)
4. Other in Roadway (7.7%)
5. Crossing Intersection Against Signal (5.0%)

- "Crossing Intersection (with signal, no signal, against signal, diagonally)" comprised 39.2% of pedestrian actions prior to crashes.

Pedestrian Crash Clock (Utah 2004)



- A pedestrian was involved in a crash every 12 hours.

Alcohol and Other Drug Involvement

- Of the 25 pedestrians killed in 2004, 6 pedestrians were impaired by alcohol or other drugs (24.0%).
- Of the drivers involved in fatal pedestrian-motor vehicle crashes, 1 driver was cited for "driving under the influence."

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Section 7: Pedestrians

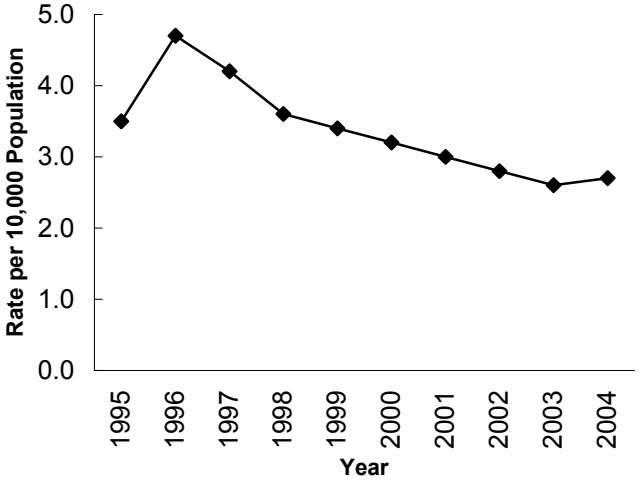
Trends

Pedestrians Involved in Crashes 1995-2004

Pedestrians									
		Non-Injured Pedestrians		Injured Pedestrians		Pedestrians Killed		Total Pedestrians	
Year	Population	Non-Injured Pedestrians #	Rate per 10,000 Population	Injured Pedestrians #	Rate per 10,000 Population	Pedestrians Killed #	Rate per 10,000 Population	All Pedestrians #	Rate per 10,000 Population
1995	1,995,228	25	0.13	699	3.5	44	0.22	768	3.8
1996	2,042,893	49	0.24	966	4.7	33	0.16	1,048	5.1
1997	2,099,409	41	0.20	889	4.2	39	0.19	969	4.6
1998	2,141,632	33	0.15	774	3.6	43	0.20	850	4.0
1999	2,193,014	32	0.15	748	3.4	38	0.17	818	3.7
2000	2,246,553	44	0.20	708	3.2	33	0.15	785	3.5
2001	2,295,971	39	0.17	682	3.0	33	0.14	754	3.3
2002	2,338,761	32	0.14	664	2.8	25	0.11	721	3.1
2003	2,385,358	42	0.18	616	2.6	28	0.12	686	2.9
2004	2,469,230	45	0.18	675	2.7	25	0.10	745	3.0
Total	22,208,049	382	0.17	7,421	3.3	341	0.15	8,144	3.7

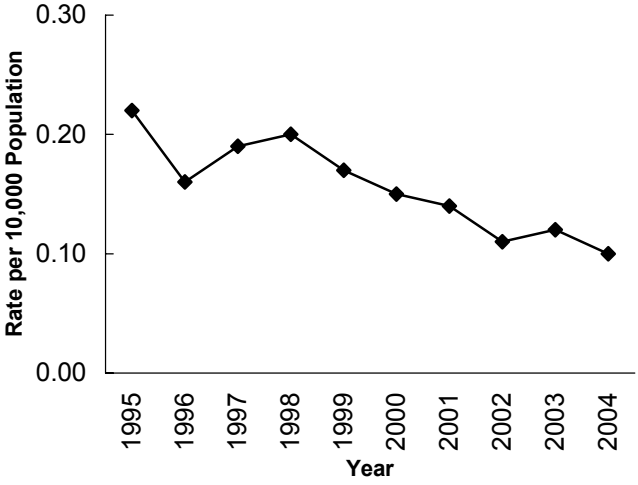
- In 2004, the rate of pedestrians injured in crashes was 2.7; a 4% increase from 2003.
- However, in 2004, Utah experienced a 17% decrease from 2003 in the rate of pedestrians killed in crashes.

Pedestrians Injured in Crashes (Utah 1995-2004)



- Over the last ten years, total pedestrians involved in crashes and pedestrians injured in crashes have followed a similar trend.
- The highest rate of total pedestrians involved in crashes (5.1) and the highest rate of pedestrians injured in crashes (4.7) occurred in 1996, and have been followed by a decreasing trend.

Pedestrians Killed in Crashes (Utah 1995-2004)



- The highest rate of pedestrians killed in crashes occurred in 1995 (0.22) and went up again in 1998 (0.20).
- Since 1998, the rate of pedestrians killed in crashes has varied slightly from year to year, but has followed a decreasing trend; decreasing once again in 2004.

NOTE: Part of the decrease in reported pedestrians involved in crashes from 1997 forward is due to a change in reporting criteria initiated in 1997 that excluded private property crashes. As a result, pedestrians that were involved in crashes that occurred in a parking lot, driveway, sidewalk and other private roadways are not included from 1997 forward.

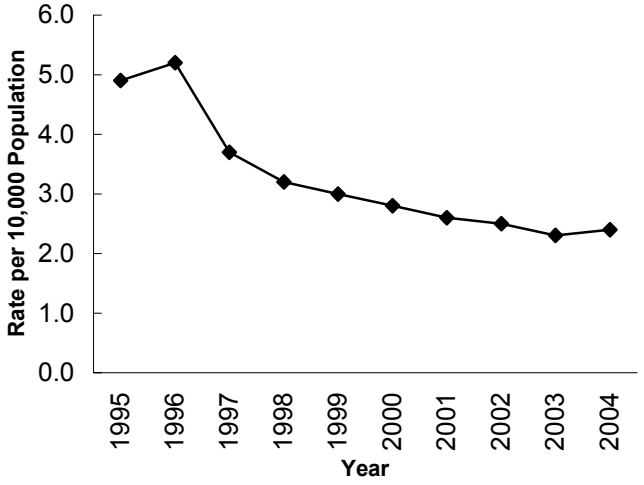
Trends

Pedestrian-Motor Vehicle Crashes 1995-2004

Pedestrian-Motor Vehicle Crashes									
		Property Damage Only (PDO)		Injury		Fatal		Total	
Year	Population	Ped-MV PDO Crashes #	Rate per 10,000 Population	Ped-MV Injury Crashes #	Rate per 10,000 Population	Ped-MV Fatal Crashes #	Rate per 10,000 Population	All Ped-MV Crashes #	Rate per 10,000 Population
1995	1,995,228	87	0.4	981	4.9	40	0.20	1,108	5.6
1996	2,042,893	44	0.2	1,060	5.2	33	0.16	1,137	5.6
1997	2,099,409	77	0.4	773	3.7	34	0.16	884	4.2
1998	2,141,632	28	0.1	679	3.2	41	0.19	748	3.5
1999	2,193,014	24	0.1	661	3.0	35	0.16	720	3.3
2000	2,246,553	31	0.1	626	2.8	30	0.13	687	3.1
2001	2,295,971	30	0.1	597	2.6	28	0.12	655	2.9
2002	2,338,761	28	0.1	584	2.5	24	0.10	636	2.7
2003	2,385,358	36	0.2	540	2.3	23	0.10	599	2.5
2004	2,469,230	37	0.1	583	2.4	23	0.09	643	2.6
Total	22,208,049	422	0.2	7,084	3.2	311	0.14	7,817	3.5

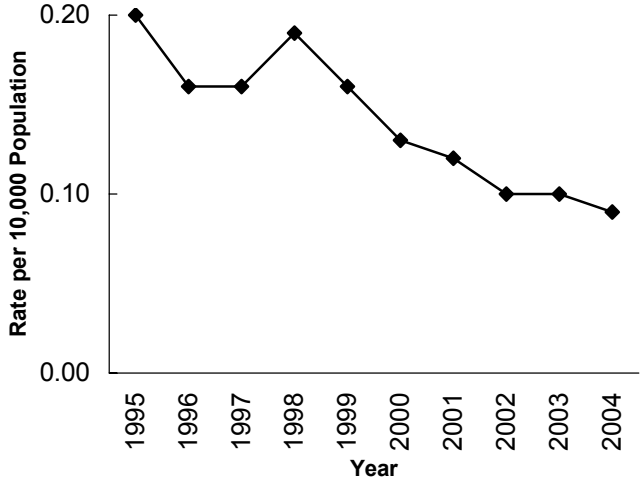
- In 2004, the rate of pedestrian-motor vehicle injury crashes was 2.4; an 4% increase from 2003.
- However, in 2004, the rate of fatal pedestrian-motor vehicle crashes decreased 10% from 2003.

Pedestrian-Motor Vehicle Injury Crashes (Utah 1995-2004)



- Over the last ten years, total pedestrian-motor vehicle crashes and pedestrian-motor vehicle injury crashes have followed a similar trend.
- The highest rate of total pedestrian-motor vehicle crashes (5.6) and the highest rate of pedestrian-motor vehicle injury crashes (5.2) occurred in 1996, and have been followed by a decreasing trend.

Fatal Pedestrian-Motor Vehicle Crashes (Utah 1995-2004)



- The highest rate of fatal pedestrian-motor vehicle crashes occurred in 1995 (0.20) and went up again in 1998 (0.19).
- Since 1998, the rate of pedestrian-motor vehicle crashes has varied slightly from year to year, but has followed a decreasing trend; decreasing once again in 2004.

NOTE: Part of the decrease in reported pedestrian-motor vehicle crashes from 1997 forward is due to a change in reporting criteria initiated in 1997 that excluded private property crashes. As a result, pedestrian-motor vehicle crashes that occurred in a parking lot, driveway, sidewalk and other private roadways are not included from 1997 forward.

Counties

Pedestrians Involved in Crashes by County (Utah 2004)

Pedestrians												
	Non-Injured Pedestrians			Injured Pedestrians			Pedestrians Killed			Total Pedestrians		
County	Non-Injured Ped. #	Rate per 100 Million VMT	Rate per 10,000 Population	Injured Ped. #	Rate per 100 Million VMT	Rate per 10,000 Population	Ped. Killed #	Rate per 100 Million VMT	Rate per 10,000 Population	All Ped. #	Rate per 100 Million VMT	Rate per 10,000 Population
Beaver	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Box Elder	0	0.0	0.0	4	0.5	0.9	0	0.0	0.0	4	0.5	0.9
Cache	1	0.1	0.1	28	3.2	2.8	0	0.0	0.0	29	3.4	2.9
Carbon	0	0.0	0.0	2	0.7	1.0	0	0.0	0.0	2	0.7	1.0
Daggett	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Davis	3	0.1	0.1	48	2.1	1.8	2	0.1	0.1	53	2.3	2.0
Duchesne	0	0.0	0.0	2	1.0	1.3	0	0.0	0.0	2	1.0	1.3
Emery	0	0.0	0.0	1	0.3	1.0	0	0.0	0.0	1	0.3	1.0
Garfield	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Grand	0	0.0	0.0	0	0.0	0.0	1	0.4	1.2	1	0.4	1.2
Iron	0	0.0	0.0	8	1.3	2.1	1	0.2	0.3	9	1.4	2.3
Juab	0	0.0	0.0	2	0.5	2.3	1	0.3	1.1	3	0.8	3.4
Kane	2	1.5	3.3	1	0.8	1.7	0	0.0	0.0	3	2.3	5.0
Millard	0	0.0	0.0	1	0.2	0.8	0	0.0	0.0	1	0.2	0.8
Morgan	0	0.0	0.0	2	1.7	2.4	0	0.0	0.0	2	1.7	2.4
Piute	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Rich	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Salt Lake	30	0.4	0.3	351	4.3	3.7	13	0.2	0.1	394	4.9	4.1
San Juan	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Sanpete	0	0.0	0.0	2	0.8	0.8	2	0.8	0.8	4	1.7	1.6
Sevier	0	0.0	0.0	4	1.0	2.1	0	0.0	0.0	4	1.0	2.1
Summit	0	0.0	0.0	7	1.0	2.0	0	0.0	0.0	7	1.0	2.0
Tooele	1	0.1	0.2	6	0.7	1.2	1	0.1	0.2	8	1.0	1.6
Uintah	0	0.0	0.0	2	0.7	0.8	0	0.0	0.0	2	0.7	0.8
Utah	5	0.1	0.1	120	3.4	2.7	2	0.1	0.0	127	3.6	2.9
Wasatch	0	0.0	0.0	7	2.6	3.7	0	0.0	0.0	7	2.6	3.7
Washington	1	0.1	0.1	20	1.9	1.7	0	0.0	0.0	21	1.9	1.8
Wayne	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Weber	2	0.1	0.1	57	3.7	2.7	2	0.1	0.1	61	4.0	2.9
Statewide	45	0.2	0.2	675	2.7	2.7	25	0.1	0.1	745	3.0	3.0

- Two different rates are given in the above table; one based on vehicle miles traveled in the county, and another based on the population of the county.
- Rate per 100 million vehicle miles traveled:
  - Salt Lake (4.3), Weber (3.7) and Utah (3.4) had the highest rates of pedestrians injured in crashes per 100 million vehicle miles traveled.
  - Sanpete (0.8), Grand (0.4) and Juab (0.3) had the highest rate of pedestrians killed in crashes per 100 million vehicle miles traveled.
- Rate per 10,000 population:
  - Salt Lake (3.7), Wasatch (3.7) and Cache (2.8) had the highest rates of pedestrians injured in crashes per 10,000 population.
  - Grand (1.2), Juab (1.1) and Sanpete (0.8) had the highest rates of pedestrians killed in crashes per 10,000 population.

Counties

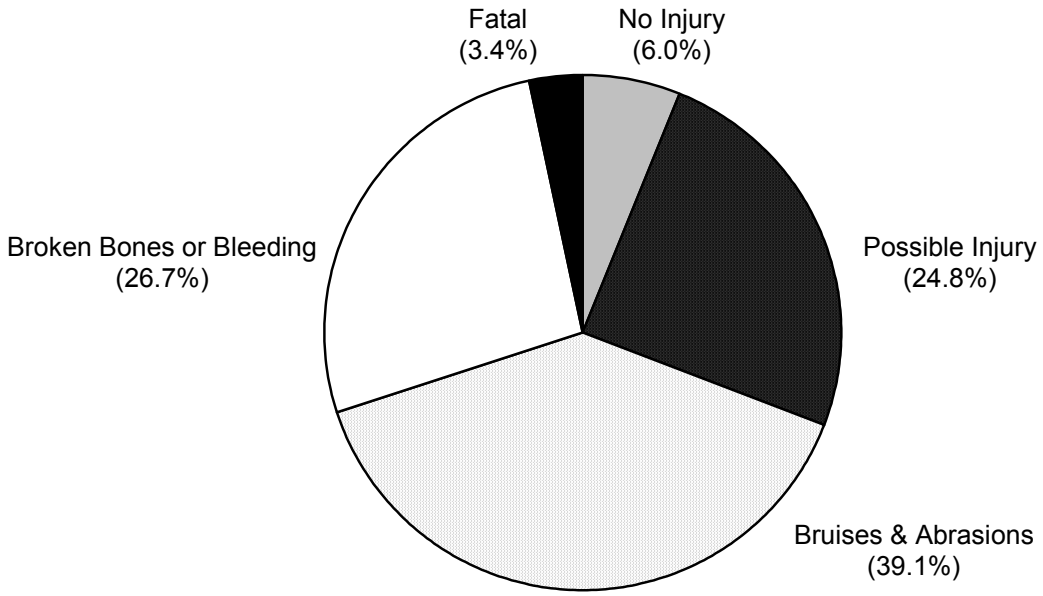
Pedestrian-Motor Vehicle Crashes by County (Utah 2004)

Pedestrian-Motor Vehicle Crashes												
	Property Damage Only (PDO)			Injury			Fatal			Total		
County	Ped-MV PDO Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population	Ped-MV Injury Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population	Ped-MV Fatal Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population	All Ped-MV Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population
Beaver	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Box Elder	0	0.0	0.0	2	0.2	0.4	0	0.0	0.0	2	0.2	0.4
Cache	1	0.1	0.1	25	2.9	2.5	0	0.0	0.0	26	3.0	2.6
Carbon	0	0.0	0.0	2	0.7	1.0	0	0.0	0.0	2	0.7	1.0
Daggett	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Davis	2	0.1	0.1	39	1.7	1.5	2	0.1	0.1	43	1.9	1.6
Duchesne	0	0.0	0.0	2	1.0	1.3	0	0.0	0.0	2	1.0	1.3
Emery	0	0.0	0.0	1	0.3	1.0	0	0.0	0.0	1	0.3	1.0
Garfield	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Grand	0	0.0	0.0	0	0.0	0.0	1	0.4	1.2	1	0.4	1.2
Iron	0	0.0	0.0	5	0.8	1.3	1	0.2	0.3	6	0.9	1.5
Juab	0	0.0	0.0	3	0.8	3.4	1	0.3	1.1	4	1.0	4.5
Kane	0	0.0	0.0	1	0.8	1.7	0	0.0	0.0	1	0.8	1.7
Millard	0	0.0	0.0	1	0.2	0.8	0	0.0	0.0	1	0.2	0.8
Morgan	0	0.0	0.0	1	0.9	1.2	0	0.0	0.0	1	0.9	1.2
Piute	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Rich	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Salt Lake	27	0.3	0.3	307	3.8	3.2	11	0.1	0.1	345	4.3	3.6
San Juan	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Sanpete	0	0.0	0.0	2	0.8	0.8	2	0.8	0.8	4	1.7	1.6
Sevier	0	0.0	0.0	3	0.7	1.5	0	0.0	0.0	3	0.7	1.5
Summit	0	0.0	0.0	7	1.0	2.0	0	0.0	0.0	7	1.0	2.0
Tooele	2	0.2	0.4	5	0.6	1.0	1	0.1	0.2	8	1.0	1.6
Uintah	0	0.0	0.0	1	0.3	0.4	0	0.0	0.0	1	0.3	0.4
Utah	4	0.1	0.1	101	2.9	2.3	2	0.1	0.0	107	3.1	2.4
Wasatch	0	0.0	0.0	7	2.6	3.7	0	0.0	0.0	7	2.6	3.7
Washington	0	0.0	0.0	16	1.5	1.4	0	0.0	0.0	16	1.5	1.4
Wayne	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Weber	1	0.1	0.0	52	3.4	2.5	2	0.1	0.1	55	3.6	2.6
Statewide	37	0.2	0.1	583	2.4	2.4	23	0.1	0.1	643	2.6	2.6

- Two different rates are given in the above table; one based on vehicle miles traveled in the county, and another based on the population of the county.
- Rate per 100 million vehicle miles traveled:
  - Salt Lake (3.8), Weber (3.4) and Utah (2.9) had the highest rates of pedestrian-motor vehicle injury crashes per 100 million vehicle miles traveled.
  - Sanpete (0.8), Grand (0.4) and Juab (0.3) had the highest rate of fatal pedestrian-motor vehicle crashes per 100 million vehicle miles traveled.
- Rate per 10,000 population:
  - Wasatch (3.7), Juab (3.4) and Salt Lake (3.2) had the highest rates of pedestrian-motor vehicle injury crashes per 10,000 population.
  - Grand (1.2), Juab (1.1) and Sanpete (0.8) had the highest rates of fatal pedestrian-motor vehicle crashes per 10,000 population.

Pedestrian Characteristics

Injury Severity of Pedestrians Involved in Crashes (Utah 2004)



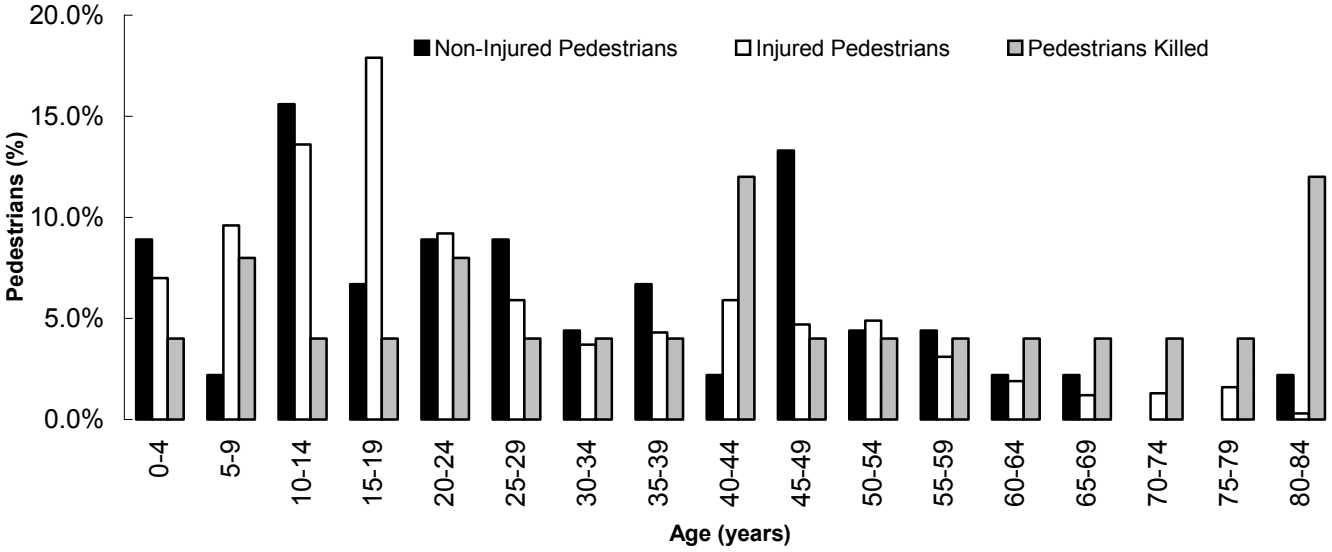
- In the above table, there were a total of 745 pedestrians involved in crashes.
- The above graph shows that 90.6% of pedestrians involved in crashes sustained a non-fatal injury compared to 21.0% of all motor vehicle crash occupants.
- The percentage of pedestrians killed in crashes (3.4%) was much higher than the percentage for all motor vehicle crash occupants (0.2%).
- In fact, pedestrians were 18 times more likely to be killed in a crash than other motor vehicle crash occupants.

Pedestrian Characteristics

Age of Pedestrians Involved in Crashes (Utah 2004)

Pedestrians								
	Non-Injured Pedestrians		Injured Pedestrians		Pedestrians Killed		Total Pedestrians	
Age	#	%	#	%	#	%	#	%
0-4	4	8.9%	47	7.0%	1	4.0%	52	7.0%
5-9	1	2.2%	65	9.6%	2	8.0%	68	9.1%
10-14	7	15.6%	92	13.6%	1	4.0%	100	13.4%
15-19	3	6.7%	121	17.9%	1	4.0%	125	16.8%
20-24	4	8.9%	62	9.2%	2	8.0%	68	9.1%
25-29	4	8.9%	40	5.9%	1	4.0%	45	6.0%
30-34	2	4.4%	25	3.7%	1	4.0%	28	3.8%
35-39	3	6.7%	29	4.3%	1	4.0%	33	4.4%
40-44	1	2.2%	40	5.9%	3	12.0%	44	5.9%
45-49	6	13.3%	32	4.7%	1	4.0%	39	5.2%
50-54	2	4.4%	33	4.9%	1	4.0%	36	4.8%
55-59	2	4.4%	21	3.1%	1	4.0%	24	3.2%
60-64	1	2.2%	13	1.9%	1	4.0%	15	2.0%
65-69	1	2.2%	8	1.2%	1	4.0%	10	1.3%
70-74	0	0.0%	9	1.3%	1	4.0%	10	1.3%
75-79	0	0.0%	11	1.6%	1	4.0%	12	1.6%
80-84	1	2.2%	2	0.3%	3	12.0%	6	0.8%
85+	0	0.0%	3	0.4%	1	4.0%	4	0.5%
Missing	3	6.7%	22	3.3%	1	4.0%	26	3.5%
Total	45	100.0%	675	100.0%	25	100.0%	745	100.0%

Age of Pedestrians Involved in Crashes (Utah 2004)



- Overall, the largest percentage of pedestrians involved in crashes were aged 15 to 19 years (16.8%). This age group also represented the largest percentage of pedestrians injured in crashes (17.9%).
- The highest percentage of pedestrian fatalities occurred in the 40 to 44 year age group (12.0%) and the 80 to 84 year age group (12.0%).

Pedestrian Characteristics

Gender of Pedestrians Involved in Crashes (Utah 2004)

Pedestrians								
	Non-Injured Pedestrians		Injured Pedestrians		Pedestrians Killed		Total Pedestrians	
Gender	#	%	#	%	#	%	#	%
Female	17	37.8%	285	42.2%	9	36.0%	311	41.7%
Male	27	60.0%	387	57.3%	16	64.0%	430	57.7%
Missing	1	2.2%	3	0.4%	0	0.0%	4	0.5%
Total	45	100.0%	675	100.0%	25	100.0%	745	100.0%

- The majority of all pedestrians (57.7%), injured pedestrians (57.3%) and pedestrians killed (64.0%) in crashes were male.

Actions of Pedestrians Prior to Crashes (Utah 2004)

Pedestrians								
	Non-Injured Pedestrians		Injured Pedestrians		Pedestrians Killed		Total Pedestrians	
Pedestrian Action Prior to Crash	#	%	#	%	#	%	#	%
Crossing Intersection with Signal	11	24.4%	146	21.6%	2	8.0%	159	21.3%
Crossing Not at Intersection	4	8.9%	103	15.3%	7	28.0%	114	15.3%
Crossing Intersection with No Signal	4	8.9%	89	13.2%	1	4.0%	94	12.6%
Other in Roadway	1	2.2%	53	7.9%	3	12.0%	57	7.7%
Crossing Intersection Against Signal	1	2.2%	34	5.0%	2	8.0%	37	5.0%
Other Standing in Roadway	0	0.0%	25	3.7%	1	4.0%	26	3.5%
Not in Roadway	1	2.2%	20	3.0%	2	8.0%	23	3.1%
Walking in Roadway with Traffic	3	6.7%	16	2.4%	2	8.0%	21	2.8%
Coming From Behind Parked Cars	1	2.2%	19	2.8%	0	0.0%	20	2.7%
Walking To or From School	0	0.0%	19	2.8%	1	4.0%	20	2.7%
Playing in Roadway	0	0.0%	17	2.5%	0	0.0%	17	2.3%
Other Working in Roadway	1	2.2%	14	2.1%	1	4.0%	16	2.1%
Walking in Roadway Against Traffic	2	4.4%	11	1.6%	1	4.0%	14	1.9%
Walking on Sidewalk	1	2.2%	13	1.9%	0	0.0%	14	1.9%
Crosswalk Not at Intersection	0	0.0%	13	1.9%	0	0.0%	13	1.7%
Getting On or Off Other Vehicle	1	2.2%	10	1.5%	1	4.0%	12	1.6%
Pushing or Working on Vehicle in Roadway	0	0.0%	11	1.6%	0	0.0%	11	1.5%
Riding in Roadway Against Traffic	1	2.2%	8	1.2%	0	0.0%	9	1.2%
Riding in Roadway with Traffic	1	2.2%	7	1.0%	0	0.0%	8	1.1%
Hitching on Vehicle	0	0.0%	6	0.9%	0	0.0%	6	0.8%
Riding on Sidewalk	0	0.0%	6	0.9%	0	0.0%	6	0.8%
Crossing Intersection Diagonally	0	0.0%	2	0.3%	0	0.0%	2	0.3%
Getting On or Off Bus	0	0.0%	2	0.3%	0	0.0%	2	0.3%
Standing on Median Island in Crosswalk	0	0.0%	1	0.1%	0	0.0%	1	0.1%
Lying in Roadway	0	0.0%	0	0.0%	1	4.0%	1	0.1%
Missing	12	26.7%	30	4.4%	0	0.0%	42	5.6%
Total	45	100.0%	675	100.0%	25	100.0%	745	100.0%

- Leading pedestrian actions prior to crashes were “crossing intersection (with signal, no signal, against signal, diagonally)” (39.2%).

Driver Characteristics

Driver Age (Utah 2004)

Drivers								
	Drivers Involved in Pedestrian-MV Property Damage Only Crashes		Drivers Involved in Pedestrian-MV Injury Crashes		Drivers Involved in Pedestrian-MV Fatal Crashes		Total Drivers Involved in Pedestrian-MV Crashes	
Driver Age	#	%	#	%	#	%	#	%
<15	0	0.0%	1	0.2%	0	0.0%	1	0.2%
15-19	5	11.1%	88	14.8%	3	11.1%	96	14.4%
20-24	4	8.9%	86	14.5%	5	18.5%	95	14.3%
25-29	7	15.6%	59	9.9%	5	18.5%	71	10.7%
30-34	3	6.7%	48	8.1%	1	3.7%	52	7.8%
35-39	6	13.3%	51	8.6%	3	11.1%	60	9.0%
40-44	2	4.4%	48	8.1%	2	7.4%	52	7.8%
45-49	6	13.3%	27	4.5%	2	7.4%	35	5.3%
50-54	1	2.2%	36	6.1%	2	7.4%	39	5.9%
55-59	0	0.0%	24	4.0%	0	0.0%	24	3.6%
60-64	2	4.4%	21	3.5%	0	0.0%	23	3.5%
65-69	1	2.2%	13	2.2%	0	0.0%	14	2.1%
70-74	0	0.0%	9	1.5%	0	0.0%	9	1.4%
75-79	2	4.4%	6	1.0%	0	0.0%	8	1.2%
80-84	0	0.0%	4	0.7%	2	7.4%	6	0.9%
85+	0	0.0%	4	0.7%	1	3.7%	5	0.8%
Missing	6	13.3%	69	11.6%	1	3.7%	76	11.4%
Total	45	100.0%	594	100.0%	27	100.0%	666	100.0%

NOTE: More than one driver may be involved in a pedestrian-motor vehicle crash and driver information may be missing (e.g., hit and run).

Age of Drivers Involved in Pedestrian-Motor Vehicle Crashes (Utah 2004)

- The above table and graph show that drivers between the ages of 15 to 19 years represented the greatest percentage of drivers involved in total pedestrian-motor vehicle crashes (14.4%) and pedestrian-motor vehicle injury crashes (14.8%).
- The percentage of drivers involved in fatal pedestrian-motor vehicle crashes was highest for those aged 20 to 24 years (18.5%) and 25 to 29 years (18.5%).

Driver Characteristics

Driver Gender (Utah 2004)

Drivers								
	Drivers Involved in Pedestrian-MV Property Damage Only Crashes		Drivers Involved in Pedestrian-MV Injury Crashes		Drivers Involved in Pedestrian-MV Fatal Crashes		Total Drivers Involved in Pedestrian-MV Crashes	
Driver Gender	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Female	17	37.8%	234	39.4%	16	59.3%	267	40.1%
Male	24	53.3%	320	53.9%	11	40.7%	355	53.3%
Missing	4	8.9%	40	6.7%	0	0.0%	44	6.6%
Total	45	100.0%	594	100.0%	27	100.0%	666	100.0%

NOTE: More than one driver may be involved in a pedestrian-motor vehicle crash and driver information may be missing (e.g., hit and run).

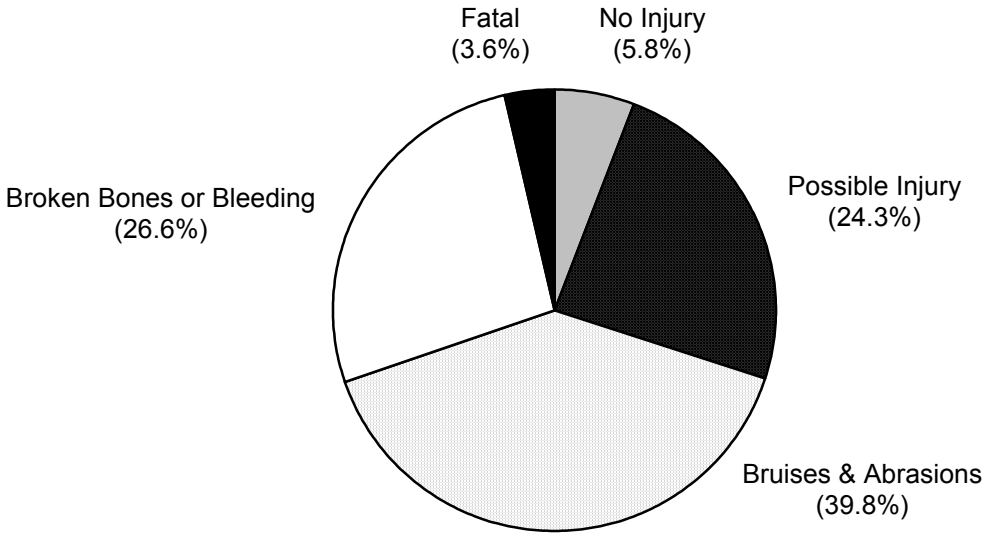
- The majority of drivers involved in total pedestrian-motor vehicle crashes (53.3%) and pedestrian-motor vehicle injury crashes (53.9%) were male.
- However, the majority of drivers involved in fatal pedestrian-motor vehicle crashes (59.3%) were female.

Alcohol and Other Drug Involvement of Pedestrians and Motor Vehicle Drivers (Utah 2004)

- Of the 25 pedestrians killed in 2004, 6 pedestrians were impaired by alcohol or other drugs (24.0%).
- Of the drivers involved in fatal pedestrian-motor vehicle crashes, 1 driver was cited for "driving under the influence."

Pedestrian-Motor Vehicle Crash Characteristics

Pedestrian-Motor Vehicle Crash Severity (Utah 2004)



- In the above table, there were a total of 643 pedestrian-motor vehicle crashes.
- The above graph shows that 90.7% of pedestrian-motor vehicle crashes resulted in some level of non-fatal injury compared to 36.0% of all motor vehicle crashes.
- Moreover, 3.6% of pedestrian-motor vehicle crashes resulted in a fatality, compared to 0.5% of all motor vehicle crashes.

Pedestrian-Motor Vehicle Crashes by Month of Year (Utah 2004)

Pedestrian-Motor Vehicle Crashes									
		Property Damage Only (PDO)		Injury		Fatal		Total	
Month	Days in Month #	Pedestrian-MV PDO Crashes #	Rate per Day	Pedestrian-MV Injury Crashes #	Rate per Day	Pedestrian-MV Fatal Crashes #	Rate per Day	All Pedestrian-MV Crashes #	Rate per Day
January	31	5	0.2	46	1.5	1	0.0	52	1.7
February	29	6	0.2	59	2.0	2	0.1	67	2.3
March	31	2	0.1	48	1.5	3	0.1	53	1.7
April	30	3	0.1	40	1.3	0	0.0	43	1.4
May	31	2	0.1	51	1.6	2	0.1	55	1.8
June	30	3	0.1	44	1.5	0	0.0	47	1.6
July	31	2	0.1	32	1.0	0	0.0	34	1.1
August	31	4	0.1	37	1.2	5	0.2	46	1.5
September	30	1	0.0	54	1.8	1	0.0	56	1.9
October	31	1	0.0	64	2.1	2	0.1	67	2.2
November	30	3	0.1	65	2.2	2	0.1	70	2.3
December	31	5	0.2	43	1.4	5	0.2	53	1.7
Total	366	37	0.1	583	1.6	23	0.1	643	1.8

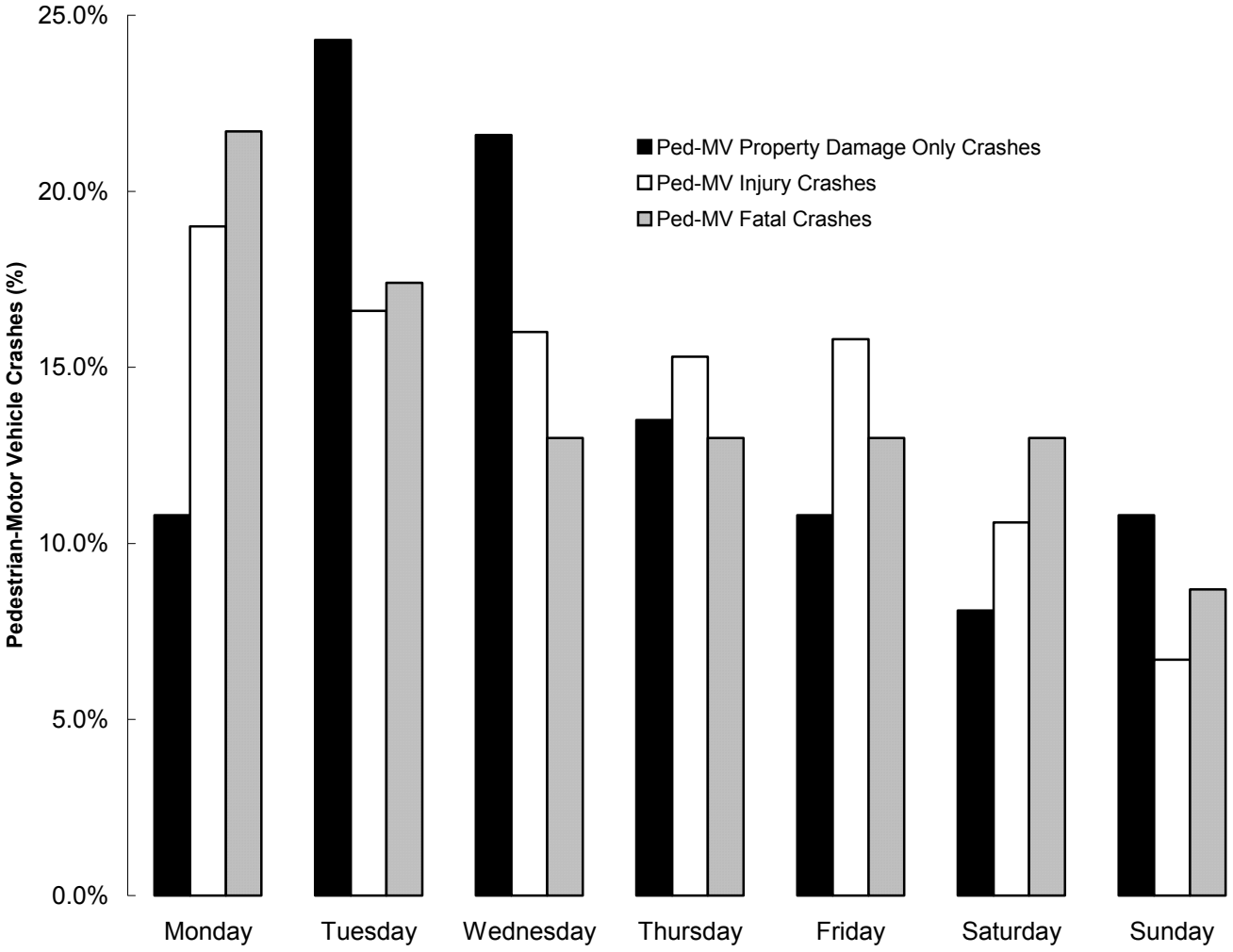
- The above table shows that February (2.3), November (2.3) and October (2.2) had the highest rates per day of total pedestrian-motor vehicle crashes.
- November had the highest rate per day of pedestrian-motor vehicle injury crashes (2.2).
- August (0.2) and December (0.2) had the highest rates per day of fatal pedestrian-motor vehicle crashes.

Pedestrian-Motor Vehicle Crash Characteristics

Pedestrian-Motor Vehicle Crashes by Day of Week (Utah 2004)

Pedestrian-Motor Vehicle Crashes								
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
Day of Week	#	%	#	%	#	%	#	%
Monday	4	10.8%	111	19.0%	5	21.7%	120	18.7%
Tuesday	9	24.3%	97	16.6%	4	17.4%	110	17.1%
Wednesday	8	21.6%	93	16.0%	3	13.0%	104	16.2%
Thursday	5	13.5%	89	15.3%	3	13.0%	97	15.1%
Friday	4	10.8%	92	15.8%	3	13.0%	99	15.4%
Saturday	3	8.1%	62	10.6%	3	13.0%	68	10.6%
Sunday	4	10.8%	39	6.7%	2	8.7%	45	7.0%
Total	37	100.0%	583	100.0%	23	100.0%	643	100.0%

Pedestrian-Motor Vehicle Crashes by Day of Week (Utah 2004)



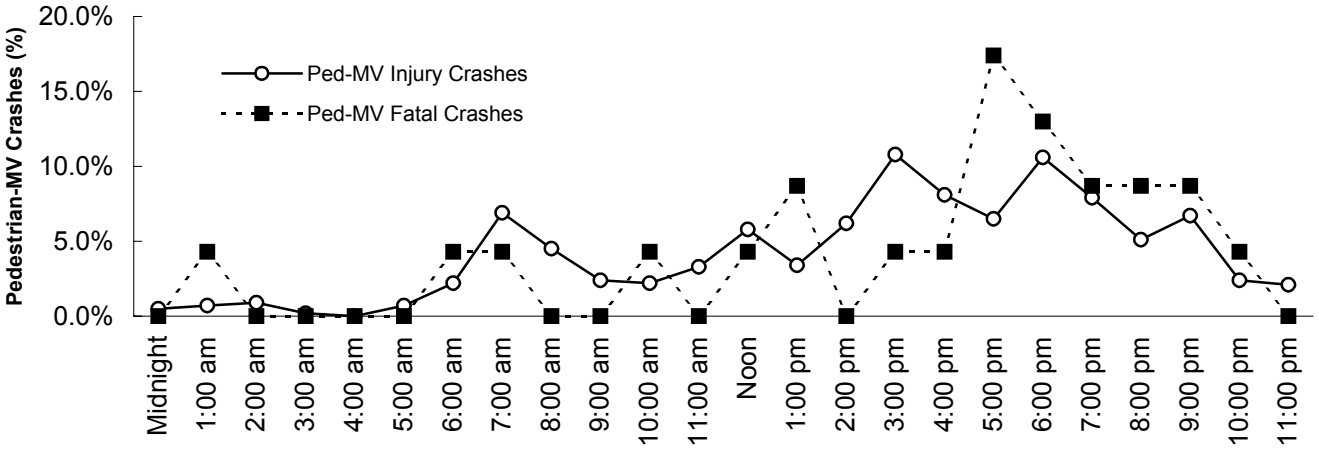
- The above table and graph show that the highest percentage of total pedestrian-motor vehicle crashes (18.7%), pedestrian-motor vehicle injury crashes (19.0%) and fatal pedestrian-motor vehicle crashes (21.7%) occurred on Monday.

Pedestrian-Motor Vehicle Crash Characteristics

Pedestrian-Motor Vehicle Crashes by Hour of Day (Utah 2004)

Pedestrian-Motor Vehicle Crashes								
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
Hour	#	%	#	%	#	%	#	%
Midnight	1	2.7%	3	0.5%	0	0.0%	4	0.6%
1:00 am	0	0.0%	4	0.7%	1	4.3%	5	0.8%
2:00 am	0	0.0%	5	0.9%	0	0.0%	5	0.8%
3:00 am	0	0.0%	1	0.2%	0	0.0%	1	0.2%
4:00 am	0	0.0%	0	0.0%	0	0.0%	0	0.0%
5:00 am	1	2.7%	4	0.7%	0	0.0%	5	0.8%
6:00 am	0	0.0%	13	2.2%	1	4.3%	14	2.2%
7:00 am	2	5.4%	40	6.9%	1	4.3%	43	6.7%
8:00 am	0	0.0%	26	4.5%	0	0.0%	26	4.0%
9:00 am	3	8.1%	14	2.4%	0	0.0%	17	2.6%
10:00 am	2	5.4%	13	2.2%	1	4.3%	16	2.5%
11:00 am	1	2.7%	19	3.3%	0	0.0%	20	3.1%
Noon	2	5.4%	34	5.8%	1	4.3%	37	5.8%
1:00 pm	2	5.4%	20	3.4%	2	8.7%	24	3.7%
2:00 pm	3	8.1%	36	6.2%	0	0.0%	39	6.1%
3:00 pm	5	13.5%	63	10.8%	1	4.3%	69	10.7%
4:00 pm	3	8.1%	47	8.1%	1	4.3%	51	7.9%
5:00 pm	0	0.0%	38	6.5%	4	17.4%	42	6.5%
6:00 pm	3	8.1%	62	10.6%	3	13.0%	68	10.6%
7:00 pm	3	8.1%	46	7.9%	2	8.7%	51	7.9%
8:00 pm	0	0.0%	30	5.1%	2	8.7%	32	5.0%
9:00 pm	1	2.7%	39	6.7%	2	8.7%	42	6.5%
10:00 pm	3	8.1%	14	2.4%	1	4.3%	18	2.8%
11:00 pm	2	5.4%	12	2.1%	0	0.0%	14	2.2%
Total	37	100.0%	583	100.0%	23	100.0%	643	100.0%

Pedestrian-Motor Vehicle Crashes by Hour of Day (Utah 2004)



- In 2004, total pedestrian-motor vehicle crashes and pedestrian-motor vehicle injury crashes followed a similar time pattern, peaking between 3:00 pm and 7:00 pm.
- Fatal pedestrian-motor vehicle crashes occurred most often at 5:00 pm.

Pedestrian-Motor Vehicle Crash Characteristics

Locality of Pedestrian-Motor Vehicle Crashes (Utah 2004)

Pedestrian-Motor Vehicle Crashes								
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
Locality	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Residential	13	35.1%	260	44.6%	12	52.2%	285	44.3%
Shopping/Business	15	40.5%	223	38.3%	7	30.4%	245	38.1%
School	3	8.1%	62	10.6%	0	0.0%	65	10.1%
Manufacturing/Industrial	3	8.1%	11	1.9%	0	0.0%	14	2.2%
Open Country	1	2.7%	11	1.9%	2	8.7%	14	2.2%
Farms and Fields	2	5.4%	4	0.7%	0	0.0%	6	0.9%
Church	0	0.0%	3	0.5%	0	0.0%	3	0.5%
Playground	0	0.0%	3	0.5%	0	0.0%	3	0.5%
Railroad Tracks	0	0.0%	2	0.3%	0	0.0%	2	0.3%
Missing	0	0.0%	4	0.7%	2	8.7%	6	0.9%
Total	37	100.0%	583	100.0%	23	100.0%	643	100.0%

- The above table shows the majority of total pedestrian-motor vehicle crashes (44.3%), pedestrian-motor vehicle injury crashes (44.6%), and fatal pedestrian-motor vehicle crashes (52.2%) occurred in residential areas.

Urban/Rural Location of Pedestrian-Motor Vehicle Crashes (Utah 2004)

Pedestrian-Motor Vehicle Crashes								
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
Urban/Rural Location	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Rural Area - Up to 5,000	7	18.9%	101	17.3%	8	34.8%	116	18.0%
Small Urban - 5,000 to 49,999	1	2.7%	24	4.1%	0	0.0%	25	3.9%
Moderate Urban - 50,000 to 199,999	1	2.7%	15	2.6%	0	0.0%	16	2.5%
Large Urban - 200,000 or More	27	73.0%	439	75.3%	15	65.2%	481	74.8%
Missing	1	2.7%	4	0.7%	0	0.0%	5	0.8%
Total	37	100.0%	583	100.0%	23	100.0%	643	100.0%

- Urban areas accounted for 81.2% of total pedestrian-motor vehicle crashes, 82.0% of pedestrian-motor vehicle injury crashes and 65.2% of fatal pedestrian-motor vehicle crashes.

Pedestrian-Motor Vehicle Crash Characteristics

Type of Vehicles Involved in Pedestrian-Motor Vehicle Crashes (Utah 2004)

Vehicles								
	Vehicles Involved in Pedestrian-MV PDO Crashes		Vehicles Involved in Pedestrian-MV Injury Crashes		Vehicles Involved in Pedestrian-MV Fatal Crashes		Total Vehicles Involved in Pedestrian-MV Crashes	
Vehicle Type	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Passenger Car	24	53.3%	333	54.8%	16	57.1%	373	54.8%
Light Truck, Van or SUV	21	46.7%	234	38.5%	9	32.1%	264	38.8%
Hit and Run Vehicle	0	0.0%	19	3.1%	0	0.0%	19	2.8%
Large/Semi Truck	0	0.0%	11	1.8%	2	7.1%	13	1.9%
School Bus	0	0.0%	6	1.0%	1	3.6%	7	1.0%
Motorcycle	0	0.0%	1	0.2%	0	0.0%	1	0.1%
Other	0	0.0%	4	0.7%	0	0.0%	4	0.6%
Total	45	100.0%	608	100.0%	28	100.0%	681	100.0%

- The above table shows that the largest percentage of vehicles involved in total pedestrian-motor vehicle crashes (54.8%), pedestrian-motor vehicle injury crashes (54.8%) and fatal pedestrian-motor vehicle crashes (57.1%) were passenger cars.

Pedestrian-Motor Vehicle Crash Violations (Utah 2004)

Violations (Drivers)								
	Drivers Cited in Pedestrian-MV PDO Crashes		Drivers Cited in Pedestrian-MV Injury Crashes		Drivers Cited in Pedestrian-MV Fatal Crashes		Total Drivers Cited in Pedestrian-MV Crashes	
Violations	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Failure to Yield Right-of-Way	5	31.3%	86	50.6%	0	0.0%	91	48.1%
Improper Lookout	4	25.0%	27	15.9%	0	0.0%	31	16.4%
Hit and Run	2	12.5%	14	8.2%	2	66.7%	18	9.5%
Other Non-Moving Violations	1	6.3%	16	9.4%	0	0.0%	17	9.0%
Driving Under the Influence	1	6.3%	8	4.7%	1	33.3%	10	5.3%
Reckless Driving	1	6.3%	4	2.4%	0	0.0%	5	2.6%
Failure to Stop at Red Light	0	0.0%	5	2.9%	0	0.0%	5	2.6%
All Other Moving Violations	1	6.3%	4	2.4%	0	0.0%	5	2.6%
Improper Turn (Failure to Signal)	1	6.3%	2	1.2%	0	0.0%	3	1.6%
Failure to Stop at a Stop Sign	0	0.0%	2	1.2%	0	0.0%	2	1.1%
Wrong Side of Road	0	0.0%	1	0.6%	0	0.0%	1	0.5%
Negligent Collision	0	0.0%	1	0.6%	0	0.0%	1	0.5%
Total	16	100.0%	170	100.0%	3	100.0%	189	100.0%

- In 2004, there were 666 drivers involved in pedestrian-motor vehicle crashes. Officers at the scene of the crash cited 189 (28.4%) of those drivers for a traffic violation.
- "Failure to yield right-of-way" was the leading violation for total pedestrian-motor vehicle crashes (48.1%), and pedestrian-motor vehicle injury crashes (50.6%).
- Only 3 of the 27 drivers involved in fatal pedestrian-motor vehicle crashes received a citation. The drivers were cited for "hit and run" (66.7%) and "driving under the influence" (33.3%).

Pedestrian-Motor Vehicle Crash Characteristics

Contributing Factors of Pedestrian-Motor Vehicle Crashes (Utah 2004)

Contributing Factors (Pedestrian-Motor Vehicle Crashes)								
	Contributing Factors Coded for Vehicles Involved in:							
	Pedestrian-MV Property Damage Only Crashes		Pedestrian-MV Injury Crashes		Pedestrian-MV Fatal Crashes		Total Pedestrian-MV Crashes	
Contributing Factors	**#**	**%**	**#**	**%**	**#**	**%**	**#**	**%**
Improper Lookout	14	38.9%	182	36.6%	7	43.8%	203	37.0%
Failed to Yield Right of Way	7	19.4%	132	26.6%	1	6.3%	140	25.5%
Hit and Run	3	8.3%	65	13.1%	1	6.3%	69	12.6%
Other Improper Driving	3	8.3%	19	3.8%	0	0.0%	22	4.0%
Non-Contact Vehicle Involved	0	0.0%	11	2.2%	3	18.8%	14	2.6%
Speed Too Fast	1	2.8%	10	2.0%	1	6.3%	12	2.2%
Made Improper Turn	1	2.8%	9	1.8%	0	0.0%	10	1.8%
Driving Under the Influence	1	2.8%	8	1.6%	1	6.3%	10	1.8%
Disregard Traffic Signal	0	0.0%	10	2.0%	0	0.0%	10	1.8%
Improper Backing	0	0.0%	7	1.4%	0	0.0%	7	1.3%
Aggressive Driving	2	5.6%	3	0.6%	1	6.3%	6	1.1%
Improper Overtaking	1	2.8%	4	0.8%	0	0.0%	5	0.9%
Other Driver Distractions	0	0.0%	4	0.8%	1	6.3%	5	0.9%
Passed Stop Sign	0	0.0%	5	1.0%	0	0.0%	5	0.9%
Vehicle Rolling in Traffic Lane	1	2.8%	4	0.8%	0	0.0%	5	0.9%
Asleep	0	0.0%	3	0.6%	0	0.0%	3	0.5%
Other Defective Condition of Vehicle	0	0.0%	3	0.6%	0	0.0%	3	0.5%
Windshield Not Clear	0	0.0%	3	0.6%	0	0.0%	3	0.5%
Object in Roadway	0	0.0%	2	0.4%	0	0.0%	2	0.4%
Had Been Drinking	0	0.0%	2	0.4%	0	0.0%	2	0.4%
Brakes Defective	0	0.0%	2	0.4%	0	0.0%	2	0.4%
Downhill Runaway	0	0.0%	2	0.4%	0	0.0%	2	0.4%
Improper Parking	0	0.0%	2	0.4%	0	0.0%	2	0.4%
Under the Influence of Drugs	1	2.8%	0	0.0%	0	0.0%	1	0.2%
Headlights Insufficient or Out	0	0.0%	1	0.2%	0	0.0%	1	0.2%
Failed to Signal	0	0.0%	1	0.2%	0	0.0%	1	0.2%
Wrong Side of Road	0	0.0%	1	0.2%	0	0.0%	1	0.2%
Eyesight Defective Uncorrected	0	0.0%	1	0.2%	0	0.0%	1	0.2%
Other Lights or Reflectors Defective	0	0.0%	1	0.2%	0	0.0%	1	0.2%
Followed Too Closely	1	2.8%	0	0.0%	0	0.0%	1	0.2%
Total	36	100.0%	497	100.0%	16	100.0%	549	100.0%

- Contributing factors were coded by the police officer at the scene of the crash for each vehicle involved in the crash. The officer may record no contributing factor or up to two different contributing factors.
- "Improper lookout" was the leading contributing factor for total pedestrian-motor vehicle crashes (37.0%), pedestrian-motor vehicle injury crashes (36.6%) and fatal pedestrian-motor vehicle crashes (43.8%).
- The combined contributing factors of "driving under the influence," "had been drinking" and "under the influence of drugs" accounted for 2.4% of total pedestrian-motor vehicle crashes, 2.0% of pedestrian-motor vehicle injury crashes, and 6.3% of fatal pedestrian-motor vehicle crashes.