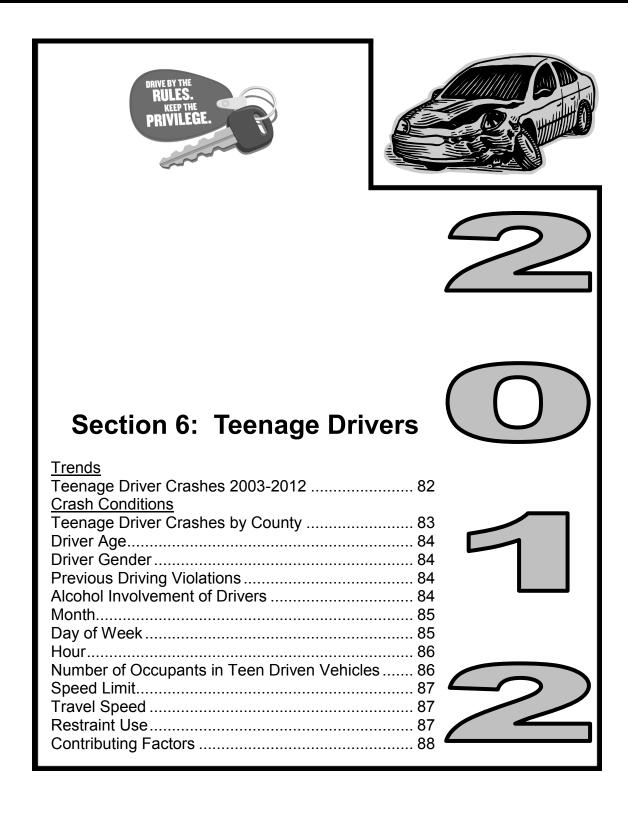
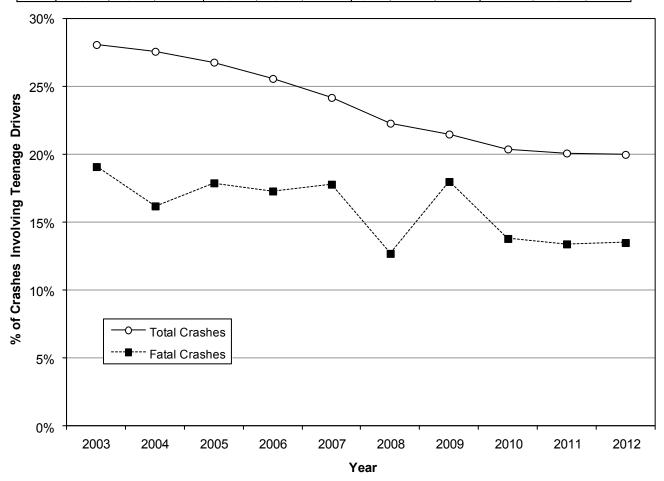
# **Teenage Drivers**



#### **Trends**

# Teenage Driver Crashes (Utah 2003-2012)

|       |          |        |         | Tee     | nage   | Driver | Crasi | nes   |        |         |         |        |
|-------|----------|--------|---------|---------|--------|--------|-------|-------|--------|---------|---------|--------|
|       | Property | / Dama | ge Only |         | Injury |        |       | Fatal |        |         | Total   |        |
|       | All      | Teen   | Driver  | All     | Teen   | Driver | All   | Teen  | Driver | All     | Teen D  | Oriver |
| Year  | #        | #      | %       | #       | #      | %      | #     | #     | %      | #       | #       | %      |
| 2003  | 31,842   | 8,807  | 27.7%   | 18,285  | 5,321  | 29.1%  | 262   | 50    | 19.1%  | 50,389  | 14,178  | 28.1%  |
| 2004  | 34,222   | 9,397  | 27.5%   | 19,423  | 5,431  | 28.0%  | 260   | 42    | 16.2%  | 53,905  | 14,870  | 27.6%  |
| 2005  | 35,158   | 9,225  | 26.2%   | 19,545  | 5,434  | 27.8%  | 235   | 42    | 17.9%  | 54,938  | 14,701  | 26.8%  |
| 2006  | 37,674   | 9,427  | 25.0%   | 18,264  | 4,928  | 27.0%  | 249   | 43    | 17.3%  | 56,187  | 14,398  | 25.6%  |
| 2007  | 42,368   | 9,990  | 23.6%   | 18,619  | 4,808  | 25.8%  | 258   | 46    | 17.8%  | 61,245  | 14,844  | 24.2%  |
| 2008  | 38,997   | 8,512  | 21.8%   | 17,125  | 4,007  | 23.4%  | 245   | 31    | 12.7%  | 56,367  | 12,550  | 22.3%  |
| 2009  | 35,398   | 7,500  | 21.2%   | 15,752  | 3,495  | 22.2%  | 217   | 39    | 18.0%  | 51,367  | 11,034  | 21.5%  |
| 2010  | 34,155   | 6,886  | 20.2%   | 14,995  | 3,181  | 21.2%  | 218   | 30    | 13.8%  | 49,368  | 10,097  | 20.5%  |
| 2011  | 36,418   | 7,268  | 20.0%   | 15,645  | 3,227  | 20.6%  | 224   | 30    | 13.4%  | 52,287  | 10,525  | 20.1%  |
| 2012  | 34,635   | 6,889  | 19.9%   | 15,765  | 3,216  | 20.4%  | 200   | 27    | 13.5%  | 50,600  | 10,132  | 20.0%  |
| Total | 360,867  | 83,901 | 23.2%   | 173,418 | 43,048 | 24.8%  | 2,368 | 380   | 16.0%  | 536,653 | 127,329 | 23.7%  |



- Teenage drivers (aged 15-19 years) are a special concern because of their high crash rates and lack of driving experience.
- The 10-year trend shows that 23.7% of all crashes in Utah involved a teenage driver with a decreasing trend over the last 10 years.
- Fatal teenage driver crashes have also shown a decreasing trend although less dramatic than total crashes.

#### **Teenage Driver Crashes by County (Utah 2012)**

|            |        |         |        | Teena  | age Di  | iver Cı | rashes | 5        |        |        |        |        |
|------------|--------|---------|--------|--------|---------|---------|--------|----------|--------|--------|--------|--------|
|            | PD     | O Crash | es     | Inju   | ry Cras | shes    | Fat    | tal Cras | hes    |        | Total  |        |
|            | All    | Teen l  | Driver | All    | Teen    | Driver  | All    | Teen     | Driver | All    | Teen   | Driver |
| County     | #      | #       | %      | #      | #       | %       | #      | #        | %      | #      | #      | %      |
| Cache      | 1,237  | 324     | 26.2%  | 445    | 121     | 27.2%   | 6      | 2        | 33.3%  | 1,688  | 447    | 26.5%  |
| Washington | 1,179  | 274     | 23.2%  | 747    | 192     | 25.7%   | 10     | 1        | 10.0%  | 1,936  | 467    | 24.1%  |
| Utah       | 5,070  | 1,229   | 24.2%  | 2,700  | 626     | 23.2%   | 19     | 2        | 10.5%  | 7,789  | 1,857  | 23.8%  |
| Davis      | 2,899  | 667     | 23.0%  | 1,338  | 322     | 24.1%   | 14     | 4        | 28.6%  | 4,251  | 993    | 23.4%  |
| Sanpete    | 223    | 51      | 22.9%  | 78     | 17      | 21.8%   | 1      | 0        | 0.0%   | 302    | 68     | 22.5%  |
| Weber      | 2,545  | 577     | 22.7%  | 1,352  | 282     | 20.9%   | 13     | 0        | 0.0%   | 3,910  | 859    | 22.0%  |
| Uintah     | 471    | 100     | 21.2%  | 193    | 41      | 21.2%   | 9      | 1        | 11.1%  | 673    | 142    | 21.1%  |
| Iron       | 547    | 108     | 19.7%  | 244    | 55      | 22.5%   | 0      | 0        | n/a    | 791    | 163    | 20.6%  |
| Salt Lake  | 15,081 | 2,825   | 18.7%  | 6,815  | 1,251   | 18.4%   | 57     | 9        | 15.8%  | 21,953 | 4,085  | 18.6%  |
| Wayne      | 36     | 8       | 22.2%  | 17     | 2       | 11.8%   | 1      | 0        | 0.0%   | 54     | 10     | 18.5%  |
| Box Elder  | 713    | 117     | 16.4%  | 289    | 58      | 20.1%   | 4      | 0        | 0.0%   | 1,006  | 175    | 17.4%  |
| Carbon     | 317    | 52      | 16.4%  | 88     | 18      | 20.5%   | 1      | 0        | 0.0%   | 406    | 70     | 17.2%  |
| Tooele     | 686    | 116     | 16.9%  | 270    | 48      | 17.8%   | 16     | 2        | 12.5%  | 972    | 166    | 17.1%  |
| Morgan     | 107    | 19      | 17.8%  | 39     | 6       | 15.4%   | 1      | 0        | 0.0%   | 147    | 25     | 17.0%  |
| Duchesne   | 402    | 65      | 16.2%  | 115    | 18      | 15.7%   | 3      | 2        | 66.7%  | 520    | 85     | 16.3%  |
| Grand      | 158    | 23      | 14.6%  | 81     | 14      | 17.3%   | 2      | 0        | 0.0%   | 241    | 37     | 15.4%  |
| Sevier     | 274    | 34      | 12.4%  | 110    | 24      | 21.8%   | 2      | 1        | 50.0%  | 386    | 59     | 15.3%  |
| Wasatch    | 414    | 60      | 14.5%  | 174    | 30      | 17.2%   | 4      | 0        | 0.0%   | 592    | 90     | 15.2%  |
| Beaver     | 199    | 23      | 11.6%  | 55     | 14      | 25.5%   | 1      | 0        | 0.0%   | 255    | 37     | 14.5%  |
| Juab       | 204    | 29      | 14.2%  | 69     | 10      | 14.5%   | 1      | 0        | 0.0%   | 274    | 39     | 14.2%  |
| Emery      | 174    | 24      | 13.8%  | 70     | 8       | 11.4%   | 2      | 0        | 0.0%   | 246    | 32     | 13.0%  |
| Summit     | 855    | 98      | 11.5%  | 214    | 33      | 15.4%   | 7      | 1        | 14.3%  | 1,076  | 132    | 12.3%  |
| Rich       | 49     | 6       | 12.2%  | 29     | 3       | 10.3%   | 1      | 0        | 0.0%   | 79     | 9      | 11.4%  |
| Millard    | 262    | 30      | 11.5%  | 101    | 11      | 10.9%   | 9      | 1        | 11.1%  | 372    | 42     | 11.3%  |
| Garfield   | 124    | 9       | 7.3%   | 34     | 4       | 11.8%   | 3      | 1        | 33.3%  | 161    | 14     | 8.7%   |
| Piute      | 18     | 2       | 11.1%  | 6      | 0       | 0.0%    | 0      | 0        | n/a    | 24     | 2      | 8.3%   |
| Kane       | 160    | 10      | 6.3%   | 32     | 5       | 15.6%   | 4      | 0        | 0.0%   | 196    | 15     | 7.7%   |
| San Juan   | 207    | 8       | 3.9%   | 52     | 3       | 5.8%    | 7      | 0        | 0.0%   | 266    | 11     | 4.1%   |
| Daggett    | 24     | 1       | 4.2%   | 8      | 0       | 0.0%    | 2      | 0        | 0.0%   | 34     | 1      | 2.9%   |
| Statewide  | 34,635 | 6,889   | 19.9%  | 15,765 | 3,216   | 20.4%   | 200    | 27       | 13.5%  | 50,600 | 10,132 | 20.0%  |

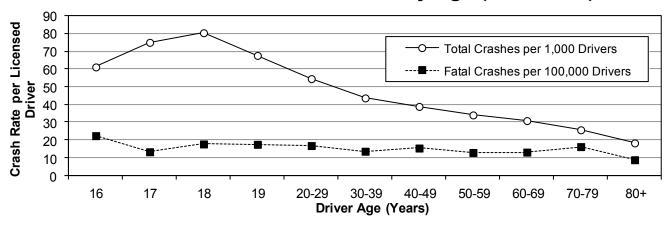
- Overall, Cache (26.5%), Washington (24.1%), Utah (25.8%), and Davis (23.4%) counties had the highest percentages of crashes involving a teenage driver.
- Duchesne (66.7%) and Sevier (50.0%) counties had the highest percentages of fatal crashes involving a teenage driver.
- Overall, Daggett (2.9%), San Juan (4.1%), and Kane (7.7%) counties had the lowest percentages of crashes involving a teenage driver.
- Statewide, teenage driver crashes represented 20.0% of all crashes and 13.5% of all fatal crashes.



#### Age of Teenage Drivers in Crashes (Utah 2012)

|       | Teenage Drivers |        |                   |       |          |                   |    |          |                   |        |        |                |  |
|-------|-----------------|--------|-------------------|-------|----------|-------------------|----|----------|-------------------|--------|--------|----------------|--|
|       | P               | DO Cra | shes              | In    | jury Cra | shes              | F  | atal Cra | shes              |        | Total  |                |  |
|       |                 |        | Rate per<br>1,000 |       |          | Rate per<br>1,000 |    |          | Rate per<br>1,000 |        |        | Rate per 1,000 |  |
| Age   | #               | %      | Drivers           | #     | %        | Drivers           | #  | %        | Drivers           | #      | %      | Drivers        |  |
| 15    | 90              | 1.2%   | 2.8               | 65    | 1.9%     | 2.0               | 1  | 3.6%     | 0.03              | 156    | 1.4%   | 4.8            |  |
| 16    | 1,520           | 20.0%  | 42.4              | 661   | 19.0%    | 18.5              | 8  | 28.6%    | 0.22              | 2,189  | 19.7%  | 61.1           |  |
| 17    | 1,953           | 25.7%  | 51.4              | 891   | 25.6%    | 23.5              | 5  | 17.9%    | 0.13              | 2,849  | 25.6%  | 75.0           |  |
| 18    | 2,186           | 28.8%  | 55.0              | 1,002 | 28.7%    | 25.2              | 7  | 25.0%    | 0.18              | 3,195  | 28.7%  | 80.4           |  |
| 19    | 1,851           | 24.4%  | 45.9              | 868   | 24.9%    | 21.5              | 7  | 25.0%    | 0.17              | 2,726  | 24.5%  | 67.6           |  |
| Total | 7,600           | 100.0% | 40.7              | 3,487 | 100.0%   | 18.7              | 28 | 100.0%   | 0.15              | 11,115 | 100.0% | 59.6           |  |

#### **Crash Rate of Licensed Drivers by Age (Utah 2012)**



- Drivers aged 18 years had the highest total crash rate per licensed driver.
- Drivers aged 16 years had the highest fatal crash rate per licensed driver.

#### Gender of Teenage Drivers in Crashes (Utah 2012)

|         | Teenage Drivers |        |          |         |         |        |        |        |  |  |  |  |  |
|---------|-----------------|--------|----------|---------|---------|--------|--------|--------|--|--|--|--|--|
|         | PDO C           | rashes | Injury ( | Crashes | Fatal C | rashes | Total  |        |  |  |  |  |  |
| Gender  | #               | %      | #        | %       | #       | %      | #      | %      |  |  |  |  |  |
| Male    | 3,982           | 52.4%  | 1,742    | 50.0%   | 18      | 64.3%  | 5,742  | 51.7%  |  |  |  |  |  |
| Female  | 3,605           | 47.4%  | 1,742    | 50.0%   | 10      | 35.7%  | 5,357  | 48.2%  |  |  |  |  |  |
| Unknown | 13              | 0.2%   | 3        | 0.1%    | 0       | 0.0%   | 16     | 0.1%   |  |  |  |  |  |
| Total   | 7,600           | 100.0% | 3,487    | 100.0%  | 28      | 100.0% | 11,115 | 100.0% |  |  |  |  |  |

- The majority of teen drivers in all motor vehicle crashes (51.7%) and fatal crashes (64.3%) were male.
- Crashes involving male teen drivers were 1.7 times more likely to be fatal than female teen driver crashes.

#### **Previous Driving Violations of Teens in Fatal Crashes (Utah 2012)**

 Of the 28 teenage drivers in fatal crashes, 12 (42.9%) had been previously convicted of a moving traffic violation in the past three years.

## **Alcohol Involvement of Teenage Drivers (Utah 2012)**

Of the 28 teenage drivers in fatal crashes, one (3.6%) was impaired by alcohol.

Friends Don't Let Friends Drive Drunk.

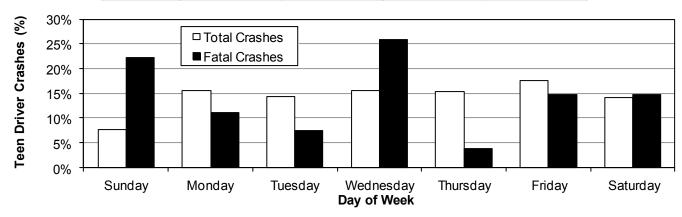
#### **Teenage Driver Crashes by Month (Utah 2012)**

|           |       | Te      | enage    | Driver C | rashes  | ;       |        |         |
|-----------|-------|---------|----------|----------|---------|---------|--------|---------|
|           | PDO C | rashes  | Injury ( | Crashes  | Fatal C | Crashes | To     | tal     |
|           |       | Rate    |          | Rate     |         | Rate    |        | Rate    |
| Month     | #     | per Day | #        | per Day  | #       | per Day | #      | per Day |
| January   | 583   | 18.8    | 208      | 6.7      | 3       | 0.10    | 794    | 25.6    |
| February  | 505   | 17.4    | 243      | 8.4      | 3       | 0.10    | 751    | 25.9    |
| March     | 632   | 20.4    | 261      | 8.4      | 1       | 0.03    | 894    | 28.8    |
| April     | 464   | 15.5    | 264      | 8.8      | 1       | 0.03    | 729    | 24.3    |
| May       | 523   | 16.9    | 311      | 10.0     | 5       | 0.16    | 839    | 27.1    |
| June      | 502   | 16.7    | 266      | 8.9      | 2       | 0.07    | 770    | 25.7    |
| July      | 504   | 16.3    | 260      | 8.4      | 0       | 0.00    | 764    | 24.6    |
| August    | 554   | 17.9    | 275      | 8.9      | 6       | 0.19    | 835    | 26.9    |
| September | 573   | 19.1    | 275      | 9.2      | 3       | 0.10    | 851    | 28.4    |
| October   | 656   | 21.2    | 329      | 10.6     | 1       | 0.03    | 986    | 31.8    |
| November  | 614   | 20.5    | 246      | 8.2      | 2       | 0.07    | 862    | 28.7    |
| December  | 779   | 25.1    | 278      | 9.0      | 0       | 0.00    | 1,057  | 34.1    |
| Total     | 6,889 | 18.8    | 3,216    | 8.8      | 27      | 0.07    | 10,132 | 27.7    |

- Overall, December (34.1) and October (31.8) had the highest rates per day for teenage driver crashes.
- The highest rate per day of fatal teenage driver crashes occurred in August (0.19) and May (0.16).

## Teenage Driver Crashes by Day of Week (Utah 2012)

|           | Teenage Driver Crashes |        |          |         |         |        |        |        |  |  |  |  |  |
|-----------|------------------------|--------|----------|---------|---------|--------|--------|--------|--|--|--|--|--|
| Day of    | PDO C                  | rashes | Injury C | Crashes | Fatal C | rashes | To     | tal    |  |  |  |  |  |
| Week      | #                      | ,,     |          | %       | #       | %      | #      | %      |  |  |  |  |  |
| Sunday    | 506                    | 7.3%   | 253      | 7.9%    | 6       | 22.2%  | 765    | 7.6%   |  |  |  |  |  |
| Monday    | 1,081                  | 15.7%  | 488      | 15.2%   | 3       | 11.1%  | 1,572  | 15.5%  |  |  |  |  |  |
| Tuesday   | 978                    | 14.2%  | 466      | 14.5%   | 2       | 7.4%   | 1,446  | 14.3%  |  |  |  |  |  |
| Wednesday | 1,091                  | 15.8%  | 477      | 14.8%   | 7       | 25.9%  | 1,575  | 15.5%  |  |  |  |  |  |
| Thursday  | 1,051                  | 15.3%  | 499      | 15.5%   | 1       | 3.7%   | 1,551  | 15.3%  |  |  |  |  |  |
| Friday    | 1,236                  | 17.9%  | 544      | 16.9%   | 4       | 14.8%  | 1,784  | 17.6%  |  |  |  |  |  |
| Saturday  | 946                    | 13.7%  | 489      | 15.2%   | 4       | 14.8%  | 1,439  | 14.2%  |  |  |  |  |  |
| Total     | 6,889                  | 100.0% | 3,216    | 100.0%  | 27      | 100.0% | 10,132 | 100.0% |  |  |  |  |  |



- Overall, the highest percentage of teenage driver crashes occurred on Friday (17.6%).
- The highest percentage of fatal teenage driver crashes occurred on Wednesday (25.9%).

## Teenage Driver Crashes by Hour (Utah 2012)

|          |       | Te     | enage    | Driver  | Crashe  | S      |        |        |
|----------|-------|--------|----------|---------|---------|--------|--------|--------|
|          | PDO C | rashes | Injury C | Crashes | Fatal C | rashes | To     | tal    |
| Hour     | #     | %      | #        | %       | #       | %      | #      | %      |
| Midnight | 128   | 1.9%   | 47       | 1.5%    | 1       | 3.7%   | 176    | 1.7%   |
| 1 a.m.   | 76    | 1.1%   | 32       | 1.0%    | 0       | 0.0%   | 108    | 1.1%   |
| 2 a.m.   | 44    | 0.6%   | 28       | 0.9%    | 0       | 0.0%   | 72     | 0.7%   |
| 3 a.m.   | 30    | 0.4%   | 14       | 0.4%    | 2       | 7.4%   | 46     | 0.5%   |
| 4 a.m.   | 49    | 0.7%   | 14       | 0.4%    | 0       | 0.0%   | 63     | 0.6%   |
| 5 a.m.   | 57    | 0.8%   | 16       | 0.5%    | 0       | 0.0%   | 73     | 0.7%   |
| 6 a.m.   | 93    | 1.3%   | 36       | 1.1%    | 1       | 3.7%   | 130    | 1.3%   |
| 7 a.m.   | 368   | 5.3%   | 136      | 4.2%    | 2       | 7.4%   | 506    | 5.0%   |
| 8 a.m.   | 359   | 5.2%   | 125      | 3.9%    | 0       | 0.0%   | 484    | 4.8%   |
| 9 a.m.   | 205   | 3.0%   | 105      | 3.3%    | 0       | 0.0%   | 310    | 3.1%   |
| 10 a.m.  | 238   | 3.5%   | 107      | 3.3%    | 0       | 0.0%   | 345    | 3.4%   |
| 11 a.m.  | 270   | 3.9%   | 153      | 4.8%    | 1       | 3.7%   | 424    | 4.2%   |
| Noon     | 363   | 5.3%   | 171      | 5.3%    | 2       | 7.4%   | 536    | 5.3%   |
| 1 p.m.   | 390   | 5.7%   | 202      | 6.3%    | 1       | 3.7%   | 593    | 5.9%   |
| 2 p.m.   | 550   | 8.0%   | 243      | 7.6%    | 1       | 3.7%   | 794    | 7.8%   |
| 3 p.m.   | 566   | 8.2%   | 302      | 9.4%    | 2       | 7.4%   | 870    | 8.6%   |
| 4 p.m.   | 583   | 8.5%   | 277      | 8.6%    | 3       | 11.1%  | 863    | 8.5%   |
| 5 p.m.   | 690   | 10.0%  | 289      | 9.0%    | 5       | 18.5%  | 984    | 9.7%   |
| 6 p.m.   | 544   | 7.9%   | 250      | 7.8%    | 0       | 0.0%   | 794    | 7.8%   |
| 7 p.m.   | 370   | 5.4%   | 170      | 5.3%    | 1       | 3.7%   | 541    | 5.3%   |
| 8 p.m.   | 253   | 3.7%   | 155      | 4.8%    | 1       | 3.7%   | 409    | 4.0%   |
| 9 p.m.   | 286   | 4.2%   | 153      | 4.8%    | 0       | 0.0%   | 439    | 4.3%   |
| 10 p.m.  | 226   | 3.3%   | 105      | 3.3%    | 3       | 11.1%  | 334    | 3.3%   |
| 11 p.m.  | 151   | 2.2%   | 86       | 2.7%    | 1       | 3.7%   | 238    | 2.3%   |
| Total    | 6,889 | 100.0% | 3,216    | 100.0%  | 27      | 100.0% | 10,132 | 100.0% |

- Teenage driver total crashes were highest from 2:00 p.m. to 6:59 p.m. (after-school hours).
- Fatal teenage driver crashes varied throughout the day and peaked during the 5:00 p.m. hour.

#### Number of Occupants in Teenage Driven Vehicles (Utah 2012)

|           | Teenage Driven Vehicles |        |       |        |    |        |        |        |  |  |  |  |
|-----------|-------------------------|--------|-------|--------|----|--------|--------|--------|--|--|--|--|
| Number of | PDO C                   | rashes | To    | tal    |    |        |        |        |  |  |  |  |
| Occupants | #                       | %      | #     | %      | #  | %      | #      | %      |  |  |  |  |
| 1         | 5,583                   | 73.5%  | 2,216 | 63.6%  | 15 | 53.6%  | 7,814  | 70.3%  |  |  |  |  |
| 2         | 1,313                   | 17.3%  | 782   | 22.4%  | 8  | 28.6%  | 2,103  | 18.9%  |  |  |  |  |
| 3         | 453                     | 6.0%   | 278   | 8.0%   | 2  | 7.1%   | 733    | 6.6%   |  |  |  |  |
| 4 or more | 251                     | 3.3%   | 211   | 6.1%   | 3  | 10.7%  | 465    | 4.2%   |  |  |  |  |
| Total     | 7,600                   | 100.0% | 3,487 | 100.0% | 28 | 100.0% | 11,115 | 100.0% |  |  |  |  |

- Over two-thirds of teenage driven vehicles (70.3%) in crashes contained only the teenage driver.
- In comparison, one-half (53.6%) of the teenage driven vehicles in fatal crashes contained only the driver.
- The more occupants in the car the more likely a crash involved injury or death. Crashes where the teenage driven vehicle contained four or more occupants were 2.8 times more likely to be fatal than crashes involving teenage driven vehicles with fewer occupants.

#### **Speed Limit of Teenage Driver Crashes (Utah 2012)**

|           |       | Teer   | nage D   | river V | ehicle  | S       |        |        |
|-----------|-------|--------|----------|---------|---------|---------|--------|--------|
| Speed     | PDO C | rashes | Injury ( | Crashes | Fatal C | Crashes | To     | tal    |
| Limit     | #     | %      | #        | %       | #       | %       | #      | %      |
| 5-15 MPH  | 235   | 3.1%   | 43       | 1.2%    | 0       | 0.0%    | 278    | 2.5%   |
| 20-25 MPH | 1,217 | 16.0%  | 469      | 13.4%   | 1       | 3.6%    | 1,687  | 15.2%  |
| 30-35 MPH | 1,761 | 23.2%  | 942      | 27.0%   | 3       | 10.7%   | 2,706  | 24.3%  |
| 40-45 MPH | 1,554 | 20.4%  | 870      | 24.9%   | 10      | 35.7%   | 2,434  | 21.9%  |
| 50-55 MPH | 536   | 7.1%   | 316      | 9.1%    | 8       | 28.6%   | 860    | 7.7%   |
| 60-65 MPH | 925   | 12.2%  | 304      | 8.7%    | 4       | 14.3%   | 1,233  | 11.1%  |
| 70+ MPH   | 155   | 2.0%   | 61       | 1.7%    | 2       | 7.1%    | 218    | 2.0%   |
| Unknown   | 1,217 | 16.0%  | 482      | 13.8%   | 0       | 0.0%    | 1,699  | 15.3%  |
| Total     | 7,600 | 100.0% | 3,487    | 100.0%  | 28      | 100.0%  | 11,115 | 100.0% |

- Over half (54.6% of known) of total teenage driver crashes occurred where the speed limit was 30-45 MPH.
- The higher the speed limit the more likely the teenage driver crash was to be fatal. Teenage driver crashes where the speed limit was 50 MPH or higher were 3.1 times more likely to be fatal.

#### **Travel Speed of Teenage Driver Vehicles in Crashes (Utah 2012)**

|           |       | Teer   | 5        |         |         |         |       |        |
|-----------|-------|--------|----------|---------|---------|---------|-------|--------|
| Travel    | PDO C | rashes | Injury ( | Crashes | Fatal 0 | Crashes | То    | tal    |
| Speed     | #     | %      | #        | %       | #       | %       | #     | %      |
| Stopped   | 774   | 13.2%  | 335      | 12.6%   | 1       | 4.3%    | 1,110 | 13.0%  |
| 1-9 MPH   | 838   | 14.3%  | 259      | 9.7%    | 0       | 0.0%    | 1,097 | 12.8%  |
| 10-19 MPH | 998   | 17.0%  | 427      | 16.0%   | 3       | 13.0%   | 1,428 | 16.7%  |
| 20-29 MPH | 866   | 14.8%  | 377      | 14.1%   | 0       | 0.0%    | 1,243 | 14.5%  |
| 30-39 MPH | 888   | 15.2%  | 517      | 19.4%   | 2       | 8.7%    | 1,407 | 16.5%  |
| 40-49 MPH | 534   | 9.1%   | 331      | 12.4%   | 4       | 17.4%   | 869   | 10.2%  |
| 50-59 MPH | 354   | 6.0%   | 167      | 6.3%    | 4       | 17.4%   | 525   | 6.1%   |
| 60-69 MPH | 415   | 7.1%   | 164      | 6.1%    | 5       | 21.7%   | 584   | 6.8%   |
| 70-79 MPH | 161   | 2.8%   | 68       | 2.5%    | 2       | 8.7%    | 231   | 2.7%   |
| 80-89 MPH | 20    | 0.3%   | 14       | 0.5%    | 0       | 0.0%    | 34    | 0.4%   |
| 90+ MPH   | 6     | 0.1%   | 9        | 0.3%    | 2       | 8.7%    | 17    | 0.2%   |
| Unknown   |       | 0.0%   |          | 0.0%    |         | 0.0%    | 0     | 0.0%   |
| Total     | 5,854 | 100.0% | 2,668    | 100.0%  | 23      | 100.0%  | 8,545 | 100.0% |

- Nearly half (47.7% of known) of teen driver vehicles in total crashes were traveling 10-39 MPH.
- Teenage driver vehicles in fatal crashes were more likely to be traveling at higher speeds. The majority (73.9% of known) of teenage driver vehicles in fatal crashes were traveling 40 MPH or higher.
- Crashes involving teenage driver vehicles traveling 40 MPH or higher were 7.9 times more likely to be fatal.

#### Restraint Use of Teen Drivers and Their Passengers (Utah 2012)

|               | ngers) |        |       |        |    |        |        |        |
|---------------|--------|--------|-------|--------|----|--------|--------|--------|
|               | Non-Ir | njured | led   | Total  |    |        |        |        |
| Restraint Use | #      | %      | #     | %      | #  | %      | #      | %      |
| Restrained    | 12,389 | 96.7%  | 2,039 | 90.9%  | 6  | 42.9%  | 14,434 | 95.8%  |
| Unrestrained  | 420    | 3.3%   | 203   | 9.1%   | 8  | 57.1%  | 631    | 4.2%   |
| Total         | 12,809 | 100.0% | 2,242 | 100.0% | 14 | 100.0% | 15,065 | 100.0% |

- Overall, most teen drivers and their passengers were restrained (95.8%).
- Only 42.9% of occupants killed in teenage driven vehicles were restrained.

# **Contributing Factors of Teenage Driver Crashes (Utah 2012)**

| Te                                      | enage | Driver | s/Vehic  | eles    |         |        |        |        |
|---|-------|--------|----------|---------|---------|--------|--------|--------|
|   | PDO C | rashes | Injury ( | Crashes | Fatal C | rashes | То     | tal    |
| Contributing Factors                    | #     | %      | #        | %       | #       | %      | #      | %      |
| Followed Too Closely                    | 1,406 | 17.4%  | 639      | 16.0%   | 2       | 4.0%   | 2,047  | 16.9%  |
| Failed to Yield Right of Way            | 1,139 | 14.1%  | 676      | 17.0%   | 3       | 6.0%   | 1,818  | 15.0%  |
| Speed Too Fast                          | 852   | 10.5%  | 373      | 9.4%    | 6       | 12.0%  | 1,231  | 10.2%  |
| Driver Distraction                      | 605   | 7.5%   | 353      | 8.9%    | 3       | 6.0%   | 961    | 7.9%   |
| Failed to Keep in Proper Lane           | 634   | 7.8%   | 263      | 6.6%    | 4       | 8.0%   | 901    | 7.4%   |
| Other Improper Driving                  | 448   | 5.5%   | 229      | 5.7%    | 0       | 0.0%   | 677    | 5.6%   |
| Improper Turn                           | 312   | 3.9%   | 130      | 3.3%    | 0       | 0.0%   | 442    | 3.6%   |
| Disregard Traffic Signal/Sign           | 186   | 2.3%   | 193      | 4.8%    | 2       | 4.0%   | 381    | 3.1%   |
| Ran Off Road                            | 246   | 3.0%   | 127      | 3.2%    | 8       | 16.0%  | 381    | 3.1%   |
| Vision Obscured by Weather Condition    | 263   | 3.3%   | 95       | 2.4%    | 1       | 2.0%   | 359    | 3.0%   |
| Overcorrected                           | 181   | 2.2%   | 114      | 2.9%    | 4       | 8.0%   | 299    | 2.5%   |
| Improper Backing                        | 270   | 3.3%   | 12       | 0.3%    | 0       | 0.0%   | 282    | 2.3%   |
| Improper Lane Change                    | 209   | 2.6%   | 44       | 1.1%    | 2       | 4.0%   | 255    | 2.1%   |
| Driver Asleep/Fatigue                   | 141   | 1.7%   | 94       | 2.4%    | 1       | 2.0%   | 236    | 1.9%   |
| Swerved or Evasive Action               | 133   | 1.6%   | 78       | 2.0%    | 1       | 2.0%   | 212    | 1.7%   |
| Hit and Run                             | 149   | 1.8%   | 32       | 0.8%    | 1       | 2.0%   | 182    | 1.5%   |
| Improper Parking/Stopping               | 115   | 1.4%   | 47       | 1.2%    | 0       | 0.0%   | 162    | 1.3%   |
| Driving Under the Influence             | 70    | 0.9%   | 59       | 1.5%    | 2       | 4.0%   | 131    | 1.1%   |
| Reckless/Aggressive Driving             | 61    | 0.8%   | 65       | 1.6%    | 2       | 4.0%   | 128    | 1.1%   |
| Vehicle Other Defective Condition       | 85    | 1.1%   | 40       | 1.0%    | 1       | 2.0%   | 126    | 1.0%   |
| Vision Obscured by Moving Vehicle       | 81    | 1.0%   | 43       | 1.1%    | 1       | 2.0%   | 125    | 1.0%   |
| Vehicle Brakes                          | 55    | 0.7%   | 49       | 1.2%    | 0       | 0.0%   | 104    | 0.9%   |
| Vehicle Tires                           | 66    | 0.8%   | 27       | 0.7%    | 0       | 0.0%   | 93     | 0.8%   |
| Vision Obscured by Parked Vehicle       | 55    | 0.7%   | 30       | 0.8%    | 0       | 0.0%   | 85     | 0.7%   |
| Vision Obscured by Glare                | 50    | 0.6%   | 30       | 0.8%    | 0       | 0.0%   | 80     | 0.7%   |
| Vision Obscured by Other                | 53    | 0.7%   | 26       | 0.7%    | 0       | 0.0%   | 79     | 0.7%   |
| Driver Emotional Prior to Crash         | 42    | 0.5%   | 31       | 0.8%    | 2       | 4.0%   | 75     | 0.6%   |
| Other Driver Condition                  | 39    | 0.5%   | 24       | 0.6%    | 0       | 0.0%   | 63     | 0.5%   |
| Improper Passing                        | 35    | 0.4%   | 12       | 0.3%    | 0       | 0.0%   | 47     | 0.4%   |
| Wrong Side/Wrong Way                    | 28    | 0.3%   | 15       | 0.4%    | 3       | 6.0%   | 46     | 0.4%   |
| Windshield or Other Window Obscured     | 26    | 0.3%   | 10       | 0.3%    | 0       | 0.0%   | 36     | 0.3%   |
| Vision Obscured by Building, Sign, etc. | 13    | 0.2%   | 8        | 0.2%    | 0       | 0.0%   | 21     | 0.2%   |
| Vision Obscured by Vegetation           | 14    | 0.2%   | 5        | 0.1%    | 0       | 0.0%   | 19     | 0.2%   |
| Driver Illness/Medical                  | 9     | 0.1%   | 6        | 0.2%    | 1       | 2.0%   | 16     | 0.1%   |
| Improper Signal                         | 6     | 0.1%   | 3        | 0.1%    | 0       | 0.0%   | 9      | 0.1%   |
| Disregard Road Markings                 | 6     | 0.1%   | 2        | 0.1%    | 0       | 0.0%   | 8      | 0.1%   |
| Total                                   | 8,083 | 100.0% | 3,984    | 100.0%  | 50      | 100.0% | 12,117 | 100.0% |

- Some form of poor driver performance is present in the majority of crashes. The leading contributing factors for all teenage driver crashes were followed too closely (16.9%), failed to yield right of way (15.0%), and speed too fast (10.2%).
- The leading contributing factors in fatal teenage driver crashes were ran off road (16.0%) and speed too fast (12.0%).
- Compared to drivers of all ages, teenage drivers were more likely to have a contributing factor of failure to yield right of way, driver distraction, followed too closely, and speed too fast.

#### 2012 Utah Crash Facts

# **Utah Department of Public Safety Highway Safety Office**

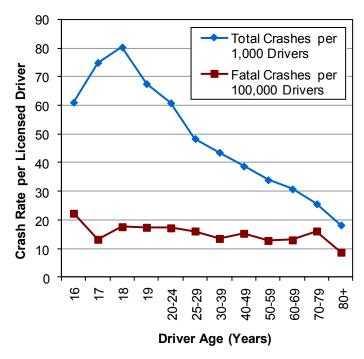


- Teenage drivers represented 9% of the licensed drivers in Utah, yet they were in 20% of all motor vehicle crashes.
- Teenage drivers were in 10,132 motor vehicle crashes which resulted in 4,930 injured persons and 29 deaths.
- Teenage drivers were 1.5 times more likely to be in a crash than drivers of other ages.
- Teen driver crashes have decreased the last ten years. 2012 was the first year that teen drivers did not have the highest crash rates as they were surpassed by 20-24 year-old drivers.

**Teenage Drivers** 

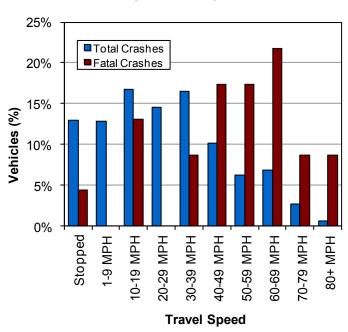
(15-19 years)

#### Crash Rates per Licensed Driver by Age (Utah 2012)



 Drivers aged 18 years had the highest total crash rate per licensed driver.

#### **Teenage Driver Crashes by Travel Speed** (Utah 2012)



 Crashes involving teenage driver vehicles traveling 40 MPH or higher were 7.9 times more likely to be fatal.

#### Leading Contributing Factors of Teenage Driver Crashes (Utah 2012)

#### **All Teenage Driver Crashes**

- 1. Followed Too Closely (20%)
- 2. Failed to Yield Right of Way (18%)
- 3. Speed Too Fast (12%)
- 4. Driver Distraction (9%)
- 5. Failed to Keep in Proper Lane (9%)

#### **Fatal Teenage Driver Crashes**

- 1. Ran Off Road (30%)
- 2. Speed Too Fast (22%)
- 3. Failed to Keep in Proper Lane (15%)
- 3. Overcorrected (15%)
- 5. Fail to Yield, Driver Distraction, Wrong Side (11%)

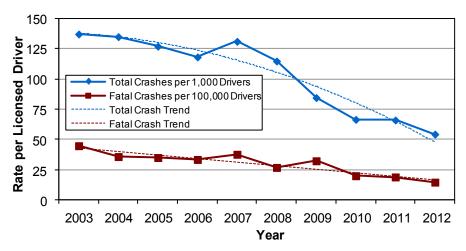


# Restraint Use of Teen Drivers and Their Passengers (Utah 2012)

# Not Injured Injured Killed Injury Level

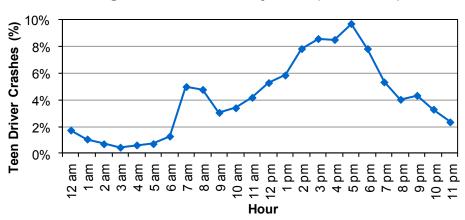
- 57% of teen drivers and their passengers killed in crashes were unrestrained.
- Unrestrained teen drivers and their passengers were 31 times more likely than restrained occupants to be killed in a crash.

#### Teenage Driver Crash Trend (Utah 2003-2012)



• The teenage driver crash rate per licensed driver decreased 60% from 2003 to 2012.

#### **Teenage Driver Crashes by Hour (Utah 2012)**



 Teenage-driver crashes peaked during after-school hours (2:00 p.m.-6:59 p.m.).

# Teenage Drivers (15-19 years)

# Graduated Driver Licensing (GDL) Law in Utah

GDL allows beginning drivers the chance to build experience before they are exposed to more high-risk situations, such as carrying teen passengers and nighttime driving. Easing young drivers onto the roadways can reduce the number of traffic crashes involving young drivers.

#### **Learner Permit**

A person must be at least 15 years old to apply for a learner permit. Anyone who is under 18 years of age is required to hold a learner permit for six months before applying for a license.

#### **Supervised Driving**

Everyone under 18 years of age applying for a license must complete 40 hours of driving, of which at least 10 hours must be during night hours. This allows beginning drivers to practice and gain supervised experience.

#### **Driver License**

A person must be at least 16 years of age to get a driver license. Everyone who has never been licensed to drive a motor vehicle must complete an approved driver education course.

#### **Night-time Restrictions**

Anyone under the age of 17 years may not drive from midnight to 5:00 a.m. except in a limited number of situations. The majority of fatal teen crashes take place at night.

#### **Passenger Restrictions**

For the first six months of licensure, teen drivers can not drive with any passenger who is not an immediate family member with a few exceptions. Teen drivers are more likely to crash with passengers in the car, especially teen passengers. The more passengers, the greater the risk.

#### **Seat Belt Restrictions**

All occupants under the age of 19 years must be properly restrained in a motor vehicle. This is a primary law which means a person may be stopped by law enforcement solely for that offense.