

# Appendix

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## Appendix

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## Population, Vehicle Miles Traveled, Injuries, Deaths, and Crashes (Utah 1947-2012)

| <b>Historical Information</b> |            |                              |                 |                          |        |                          |                              |                          |                |                          |               |                          |               |                          |
|-------------------------------|------------|------------------------------|-----------------|--------------------------|--------|--------------------------|------------------------------|--------------------------|----------------|--------------------------|---------------|--------------------------|---------------|--------------------------|
| Year                          | Population | Vehicle Miles Traveled (VMT) | Injured Persons |                          | Deaths |                          | Property Damage Only Crashes |                          | Injury Crashes |                          | Fatal Crashes |                          | Total Crashes |                          |
|                               |            |                              | #               | Rate Per 100 Million VMT | #      | Rate Per 100 Million VMT | #                            | Rate Per 100 Million VMT | #              | Rate Per 100 Million VMT | #             | Rate Per 100 Million VMT | #             | Rate Per 100 Million VMT |
| 1947                          | 636,000    | 2,132,000,000                | 3,747           | 175.8                    | 186    | 8.72                     | 6,123                        | 287.2                    | 2,603          | 122.1                    | 159           | 7.46                     | 8,885         | 416.7                    |
| 1948                          | 653,000    | 2,351,000,000                | 3,982           | 169.4                    | 220    | 9.36                     | 7,117                        | 302.7                    | 2,675          | 113.8                    | 169           | 7.19                     | 9,961         | 423.7                    |
| 1949                          | 670,800    | 2,475,000,000                | 3,808           | 153.9                    | 174    | 7.03                     | 8,327                        | 336.4                    | 2,614          | 105.6                    | 151           | 6.10                     | 11,092        | 448.2                    |
| 1950                          | 695,900    | 2,839,000,000                | 4,459           | 157.1                    | 188    | 6.62                     | 9,532                        | 335.8                    | 3,004          | 105.8                    | 169           | 5.95                     | 12,705        | 447.5                    |
| 1951                          | 706,100    | 3,015,000,000                | 5,132           | 170.2                    | 207    | 6.87                     | 12,806                       | 424.7                    | 3,495          | 115.9                    | 174           | 5.77                     | 16,475        | 546.4                    |
| 1952                          | 724,000    | 3,050,000,000                | 5,140           | 168.5                    | 246    | 8.07                     | 14,052                       | 460.7                    | 3,474          | 113.9                    | 184           | 6.03                     | 17,710        | 580.7                    |
| 1953                          | 739,100    | 3,232,000,000                | 4,945           | 153.0                    | 209    | 6.47                     | 12,883                       | 398.6                    | 3,305          | 102.3                    | 185           | 5.72                     | 16,373        | 506.6                    |
| 1954                          | 750,500    | 3,336,000,000                | 4,495           | 134.7                    | 209    | 6.26                     | 11,911                       | 357.0                    | 3,016          | 90.4                     | 176           | 5.28                     | 15,103        | 452.7                    |
| 1955                          | 782,800    | 3,075,000,000                | 5,036           | 163.8                    | 203    | 6.60                     | 14,504                       | 471.7                    | 3,390          | 110.2                    | 166           | 5.40                     | 18,060        | 587.3                    |
| 1956                          | 808,800    | 3,310,000,000                | 4,812           | 145.4                    | 215    | 6.50                     | 14,045                       | 424.3                    | 3,310          | 100.0                    | 176           | 5.32                     | 17,531        | 529.6                    |
| 1957                          | 826,300    | 3,366,000,000                | 5,022           | 149.2                    | 222    | 6.60                     | 15,476                       | 459.8                    | 3,397          | 100.9                    | 181           | 5.38                     | 19,054        | 566.1                    |
| 1958                          | 845,200    | 3,531,000,000                | 5,658           | 160.2                    | 193    | 5.47                     | 18,287                       | 517.9                    | 3,762          | 106.5                    | 171           | 4.84                     | 22,220        | 629.3                    |
| 1959                          | 869,900    | 3,784,000,000                | 5,992           | 158.4                    | 205    | 5.42                     | 19,389                       | 512.4                    | 3,946          | 104.3                    | 171           | 4.52                     | 23,506        | 621.2                    |
| 1960                          | 900,000    | 3,852,000,000                | 9,128           | 237.0                    | 256    | 6.65                     | 20,702                       | 537.4                    | 5,576          | 144.8                    | 200           | 5.19                     | 26,478        | 687.4                    |
| 1961                          | 936,000    | 3,997,000,000                | 10,412          | 260.5                    | 236    | 5.90                     | 19,278                       | 482.3                    | 6,257          | 156.5                    | 197           | 4.93                     | 25,732        | 643.8                    |
| 1962                          | 958,000    | 4,240,000,000                | 11,133          | 262.6                    | 233    | 5.50                     | 19,459                       | 458.9                    | 6,968          | 164.3                    | 186           | 4.39                     | 26,613        | 627.7                    |
| 1963                          | 974,000    | 4,549,000,000                | 12,603          | 277.0                    | 263    | 5.78                     | 19,344                       | 425.2                    | 7,798          | 171.4                    | 198           | 4.35                     | 27,340        | 601.0                    |
| 1964                          | 978,000    | 4,790,000,000                | 14,096          | 294.3                    | 295    | 6.16                     | 20,570                       | 429.4                    | 8,636          | 180.3                    | 246           | 5.14                     | 29,452        | 614.9                    |
| 1965                          | 991,000    | 4,997,000,000                | 14,361          | 287.4                    | 281    | 5.62                     | 20,427                       | 408.8                    | 8,856          | 177.2                    | 242           | 4.84                     | 29,525        | 590.9                    |
| 1966                          | 1,009,000  | 5,079,000,000                | 14,994          | 295.2                    | 331    | 6.52                     | 20,616                       | 405.9                    | 9,076          | 178.7                    | 265           | 5.22                     | 29,957        | 589.8                    |
| 1967                          | 1,019,000  | 5,257,000,000                | 14,401          | 273.9                    | 275    | 5.23                     | 21,873                       | 416.1                    | 8,888          | 169.1                    | 231           | 4.39                     | 30,992        | 589.5                    |
| 1968                          | 1,029,000  | 5,539,000,000                | 15,539          | 280.5                    | 289    | 5.22                     | 24,724                       | 446.4                    | 9,550          | 172.4                    | 258           | 4.66                     | 34,532        | 623.4                    |
| 1969                          | 1,047,000  | 5,802,000,000                | 15,977          | 275.4                    | 308    | 5.31                     | 24,665                       | 425.1                    | 9,850          | 169.8                    | 251           | 4.33                     | 34,766        | 599.2                    |
| 1970                          | 1,066,000  | 6,108,000,000                | 17,076          | 279.6                    | 335    | 5.48                     | 24,168                       | 395.7                    | 10,722         | 175.5                    | 276           | 4.52                     | 35,166        | 575.7                    |
| 1971                          | 1,101,150  | 6,544,000,000                | 18,073          | 276.2                    | 337    | 5.15                     | 27,429                       | 419.1                    | 11,399         | 174.2                    | 280           | 4.28                     | 39,108        | 597.6                    |
| 1972                          | 1,135,100  | 6,969,000,000                | 18,261          | 262.0                    | 382    | 5.48                     | 27,914                       | 400.5                    | 11,630         | 166.9                    | 312           | 4.48                     | 39,856        | 571.9                    |
| 1973                          | 1,168,950  | 7,274,000,000                | 18,415          | 253.2                    | 361    | 4.96                     | 26,220                       | 360.5                    | 11,710         | 161.0                    | 304           | 4.18                     | 38,234        | 525.6                    |
| 1974                          | 1,196,950  | 7,457,000,000                | 16,268          | 218.2                    | 228    | 3.06                     | 20,637                       | 276.7                    | 10,560         | 141.6                    | 204           | 2.74                     | 31,401        | 421.1                    |
| 1975                          | 1,233,900  | 7,942,000,000                | 17,762          | 223.6                    | 274    | 3.45                     | 24,740                       | 311.5                    | 11,441         | 144.1                    | 245           | 3.08                     | 36,426        | 458.7                    |
| 1976                          | 1,272,050  | 8,420,000,000                | 18,315          | 217.5                    | 254    | 3.02                     | 22,435                       | 266.4                    | 11,685         | 138.8                    | 225           | 2.67                     | 34,345        | 407.9                    |
| 1977                          | 1,315,950  | 9,054,000,000                | 19,728          | 217.9                    | 360    | 3.98                     | 25,562                       | 282.3                    | 12,652         | 139.7                    | 310           | 3.42                     | 38,524        | 425.5                    |
| 1978                          | 1,363,750  | 9,826,000,000                | 21,029          | 214.0                    | 376    | 3.83                     | 28,946                       | 294.6                    | 13,423         | 136.6                    | 315           | 3.21                     | 42,684        | 434.4                    |
| 1979                          | 1,415,950  | 9,811,000,000                | 20,798          | 212.0                    | 328    | 3.34                     | 26,732                       | 272.5                    | 13,449         | 137.1                    | 287           | 2.93                     | 40,468        | 412.5                    |
| 1980                          | 1,474,000  | 10,645,000,000               | 17,828          | 167.5                    | 335    | 3.15                     | 21,589                       | 202.8                    | 11,701         | 109.9                    | 292           | 2.74                     | 33,582        | 315.5                    |
| 1981                          | 1,515,000  | 10,733,000,000               | 18,090          | 168.5                    | 364    | 3.39                     | 23,844                       | 222.2                    | 11,824         | 110.2                    | 321           | 2.99                     | 35,989        | 335.3                    |
| 1982                          | 1,558,000  | 10,947,000,000               | 17,538          | 160.2                    | 296    | 2.70                     | 26,425                       | 241.4                    | 11,504         | 105.1                    | 263           | 2.40                     | 38,192        | 348.9                    |
| 1983                          | 1,595,000  | 11,228,000,000               | 18,910          | 168.4                    | 283    | 2.52                     | 28,419                       | 253.1                    | 12,317         | 109.7                    | 253           | 2.25                     | 40,989        | 365.1                    |
| 1984                          | 1,622,000  | 11,642,000,000               | 20,487          | 176.0                    | 315    | 2.71                     | 33,738                       | 289.8                    | 13,477         | 115.8                    | 274           | 2.35                     | 47,489        | 407.9                    |
| 1985                          | 1,643,000  | 12,035,000,000               | 21,346          | 177.4                    | 303    | 2.52                     | 33,684                       | 279.9                    | 13,917         | 115.6                    | 270           | 2.24                     | 47,871        | 397.8                    |
| 1986                          | 1,663,000  | 12,253,000,000               | 21,350          | 174.2                    | 312    | 2.55                     | 32,426                       | 264.6                    | 13,988         | 114.2                    | 276           | 2.25                     | 46,690        | 381.0                    |
| 1987                          | 1,678,000  | 12,679,000,000               | 19,237          | 151.7                    | 297    | 2.34                     | 33,386                       | 263.3                    | 13,599         | 107.3                    | 271           | 2.14                     | 47,256        | 372.7                    |
| 1988                          | 1,690,000  | 13,229,853,875               | 19,066          | 144.1                    | 297    | 2.24                     | 35,614                       | 269.2                    | 13,377         | 101.1                    | 258           | 1.95                     | 49,249        | 372.3                    |
| 1989                          | 1,706,000  | 13,933,977,565               | 19,843          | 142.4                    | 303    | 2.17                     | 37,110                       | 266.3                    | 13,941         | 100.1                    | 269           | 1.93                     | 51,320        | 368.3                    |
| 1990                          | 1,729,227  | 14,649,064,030               | 20,608          | 140.7                    | 272    | 1.86                     | 37,823                       | 258.2                    | 14,632         | 99.9                     | 236           | 1.61                     | 52,691        | 359.7                    |
| 1991                          | 1,780,870  | 15,390,400,930               | 19,540          | 127.0                    | 271    | 1.76                     | 33,443                       | 217.3                    | 13,763         | 89.4                     | 229           | 1.49                     | 47,435        | 308.2                    |
| 1992                          | 1,838,149  | 16,263,289,670               | 22,490          | 138.3                    | 269    | 1.65                     | 34,760                       | 213.7                    | 15,665         | 96.3                     | 235           | 1.44                     | 50,660        | 311.5                    |

## Population, Vehicle Miles Traveled, Injuries, Deaths, and Crashes (Utah 1947-2012)

| <b>Historical Information (Continued)</b> |                    |                              |                  |                          |               |                          |                              |                          |                |                          |               |                          |                  |                          |
|---|--------------------|------------------------------|------------------|--------------------------|---------------|--------------------------|------------------------------|--------------------------|----------------|--------------------------|---------------|--------------------------|------------------|--------------------------|
| Year                                      | Population         | Vehicle Miles Traveled (VMT) | Injured Persons  |                          | Deaths        |                          | Property Damage Only Crashes |                          | Injury Crashes |                          | Fatal Crashes |                          | Total Crashes    |                          |
|   |                    |                              | #                | Rate Per 100 Million VMT | #             | Rate Per 100 Million VMT | #                            | Rate Per 100 Million VMT | #              | Rate Per 100 Million VMT | #             | Rate Per 100 Million VMT | #                | Rate Per 100 Million VMT |
| 1993                                      | 1,889,393          | 17,055,044,750               | 25,763           | 151.1                    | 303           | 1.78                     | 38,357                       | 224.9                    | 17,088         | 100.2                    | 259           | 1.52                     | 55,704           | 326.6                    |
| 1994                                      | 1,946,721          | 18,091,944,321               | 28,436           | 157.2                    | 343           | 1.90                     | 40,243                       | 222.4                    | 18,726         | 103.5                    | 303           | 1.67                     | 59,272           | 327.6                    |
| 1995                                      | 1,995,228          | 18,798,488,669               | 28,343           | 150.8                    | 325           | 1.73                     | 37,532                       | 199.7                    | 19,828         | 105.5                    | 284           | 1.51                     | 57,644           | 306.6                    |
| 1996                                      | 2,042,893          | 19,433,341,748               | 30,711           | 158.0                    | 321           | 1.65                     | 40,225                       | 207.0                    | 20,988         | 108.0                    | 292           | 1.50                     | 61,505           | 316.5                    |
| 1997                                      | 2,099,409          | 20,407,590,239               | 31,238           | 153.1                    | 366           | 1.79                     | 33,512                       | 164.2                    | 21,131         | 103.5                    | 309           | 1.51                     | 54,952           | 269.3                    |
| 1998                                      | 2,141,632          | 21,236,980,216               | 30,232           | 142.4                    | 350           | 1.65                     | 34,337                       | 161.7                    | 19,427         | 91.5                     | 308           | 1.45                     | 54,072           | 254.6                    |
| 1999                                      | 2,193,014          | 21,867,355,694               | 29,959           | 137.0                    | 360           | 1.65                     | 32,971                       | 150.8                    | 19,513         | 89.2                     | 318           | 1.45                     | 52,802           | 241.5                    |
| 2000                                      | 2,246,467          | 22,517,131,427               | 30,086           | 133.6                    | 373           | 1.66                     | 33,269                       | 147.7                    | 19,564         | 86.9                     | 318           | 1.41                     | 53,151           | 236.0                    |
| 2001                                      | 2,290,632          | 23,398,734,621               | 29,375           | 125.5                    | 291           | 1.24                     | 33,113                       | 141.5                    | 19,332         | 82.6                     | 258           | 1.10                     | 52,703           | 225.2                    |
| 2002                                      | 2,331,826          | 24,438,992,554               | 30,433           | 124.5                    | 328           | 1.34                     | 33,542                       | 137.2                    | 19,552         | 80.0                     | 274           | 1.12                     | 53,368           | 218.4                    |
| 2003                                      | 2,372,457          | 23,963,242,376               | 28,352           | 118.3                    | 309           | 1.29                     | 31,842                       | 132.9                    | 18,285         | 76.3                     | 262           | 1.09                     | 50,389           | 210.3                    |
| 2004                                      | 2,430,224          | 24,641,658,091               | 29,638           | 120.3                    | 296           | 1.20                     | 34,222                       | 138.9                    | 19,423         | 78.8                     | 260           | 1.06                     | 53,905           | 218.8                    |
| 2005                                      | 2,505,844          | 25,129,538,952               | 29,221           | 116.3                    | 282           | 1.12                     | 35,158                       | 139.9                    | 19,545         | 77.8                     | 235           | 0.94                     | 54,938           | 218.6                    |
| 2006                                      | 2,576,228          | 26,166,885,473               | 27,433           | 104.8                    | 287           | 1.10                     | 37,674                       | 144.0                    | 18,264         | 69.8                     | 249           | 0.95                     | 56,187           | 214.7                    |
| 2007                                      | 2,636,077          | 26,824,244,333               | 27,420           | 102.2                    | 299           | 1.11                     | 42,368                       | 157.9                    | 18,619         | 69.4                     | 258           | 0.96                     | 61,245           | 228.3                    |
| 2008                                      | 2,691,122          | 25,883,467,343               | 24,672           | 95.3                     | 276           | 1.07                     | 38,997                       | 150.7                    | 17,125         | 66.2                     | 245           | 0.95                     | 56,367           | 217.8                    |
| 2009                                      | 2,731,558          | 26,217,108,843               | 22,847           | 87.1                     | 244           | 0.93                     | 35,398                       | 135.0                    | 15,752         | 60.1                     | 217           | 0.83                     | 51,367           | 195.9                    |
| 2010                                      | 2,774,663          | 26,617,169,711               | 21,675           | 81.4                     | 253           | 0.95                     | 34,155                       | 128.3                    | 14,995         | 56.3                     | 218           | 0.82                     | 49,368           | 185.5                    |
| 2011                                      | 2,813,923          | 26,379,900,505               | 22,325           | 84.6                     | 243           | 0.92                     | 36,418                       | 138.1                    | 15,645         | 59.3                     | 224           | 0.85                     | 52,287           | 198.2                    |
| 2012                                      | 2,852,589          | 26,637,413,207               | 22,336           | 83.9                     | 217           | 0.81                     | 34,635                       | 130.0                    | 15,765         | 59.2                     | 200           | 0.75                     | 50,600           | 190.0                    |
| <b>Total</b>                              | <b>100,873,296</b> | <b>798,337,819,143</b>       | <b>1,187,425</b> | <b>148.7</b>             | <b>18,662</b> | <b>2.34</b>              | <b>1,761,122</b>             | <b>220.6</b>             | <b>784,389</b> | <b>98.3</b>              | <b>16,002</b> | <b>2.00</b>              | <b>2,561,513</b> | <b>320.9</b>             |

POPULATION SOURCE: State of Utah Population Estimates, Demographic and Economic Analysis, [www.governor.utah.gov/dea](http://www.governor.utah.gov/dea)

VEHICLE MILES TRAVELED SOURCE: Utah Department of Transportation, Utah Highway Performance Monitoring System, [www.udot.utah.gov](http://www.udot.utah.gov)

## County Population and Vehicle Miles Traveled (Utah 2012)

| <b>County</b>    |                               |                   |
|------------------|-------------------------------|-------------------|
| <b>County</b>    | <b>Vehicle Miles Traveled</b> | <b>Population</b> |
| Beaver           | 252,117,515                   | 6,589             |
| Box Elder        | 877,987,924                   | 50,705            |
| Cache            | 876,333,868                   | 115,851           |
| Carbon           | 305,487,505                   | 21,431            |
| Daggett          | 30,438,948                    | 1,107             |
| Davis            | 2,531,978,716                 | 317,248           |
| Duchesne         | 275,632,039                   | 19,572            |
| Emery            | 381,235,825                   | 10,846            |
| Garfield         | 110,821,951                   | 5,125             |
| Grand            | 320,551,102                   | 9,420             |
| Iron             | 700,741,148                   | 46,883            |
| Juab             | 384,471,346                   | 10,426            |
| Kane             | 171,426,081                   | 7,282             |
| Millard          | 455,557,644                   | 12,625            |
| Morgan           | 132,992,730                   | 9,913             |
| Piute            | 28,419,196                    | 1,537             |
| Rich             | 49,199,382                    | 2,255             |
| Salt Lake        | 8,748,849,791                 | 1,059,112         |
| San Juan         | 307,019,232                   | 15,232            |
| Sanpete          | 205,894,610                   | 28,067            |
| Sevier           | 319,951,941                   | 20,914            |
| Summit           | 728,385,245                   | 37,704            |
| Tooele           | 823,015,404                   | 59,984            |
| Uintah           | 414,298,005                   | 34,435            |
| Utah             | 3,830,963,768                 | 541,378           |
| Wasatch          | 334,601,920                   | 25,354            |
| Washington       | 1,379,312,655                 | 143,352           |
| Wayne            | 47,366,479                    | 2,725             |
| Weber            | 1,612,361,237                 | 235,517           |
| <b>Statewide</b> | <b>26,637,413,207</b>         | <b>2,852,589</b>  |

VEHICLE MILES TRAVELED SOURCE: Utah Department of Transportation, Utah Highway Performance Monitoring System, [www.udot.utah.gov](http://www.udot.utah.gov)

POPULATION SOURCE: State of Utah Population Estimates, Demographic and Economic Analysis, [www.governor.utah.gov/dea](http://www.governor.utah.gov/dea)

## Number of Licensed Drivers by Age (Utah 2012)

| Licensed Drivers |                  |               |
|------------------|------------------|---------------|
| Age              | #                | %             |
| 15-19            | 186,586          | 9.3%          |
| 20-24            | 209,423          | 10.4%         |
| 25-29            | 216,925          | 10.8%         |
| 30-34            | 221,267          | 11.0%         |
| 35-39            | 185,990          | 9.2%          |
| 40-44            | 165,667          | 8.2%          |
| 45-49            | 153,639          | 7.6%          |
| 50-54            | 156,797          | 7.8%          |
| 55-59            | 141,052          | 7.0%          |
| 60-64            | 115,238          | 5.7%          |
| 65-69            | 84,538           | 4.2%          |
| 70-74            | 60,566           | 3.0%          |
| 75-79            | 45,029           | 2.2%          |
| 80-84            | 33,466           | 1.7%          |
| 85+              | 35,572           | 1.8%          |
| <b>Total</b>     | <b>2,011,755</b> | <b>100.0%</b> |

## Number of Licensed Drivers by Gender (Utah 2012)

| Licensed Drivers |                  |               |
|------------------|------------------|---------------|
| Gender           | #                | %             |
| Female           | 977,728          | 48.6%         |
| Male             | 1,034,027        | 51.4%         |
| <b>Total</b>     | <b>2,011,755</b> | <b>100.0%</b> |

SOURCE: Utah Department of Public Safety, Driver License Division

## Number of Registered Vehicles by Vehicle Type (Utah 2005-2012)

| Vehicles     |                |                  |                |                   |                   |
|--------------|----------------|------------------|----------------|-------------------|-------------------|
| Year         | Heavy Truck    | Light Truck      | Motorcycle     | Passenger Car     | Total             |
| 2005         | 58,645         | 552,931          | 43,271         | 1,205,430         | <b>1,860,277</b>  |
| 2006         | 60,765         | 564,280          | 48,949         | 1,243,041         | <b>1,917,035</b>  |
| 2007         | 62,860         | 585,413          | 56,146         | 1,297,242         | <b>2,001,661</b>  |
| 2008         | 66,578         | 601,655          | 64,376         | 1,334,906         | <b>2,067,515</b>  |
| 2009         | 67,124         | 598,513          | 78,302         | 1,349,596         | <b>2,093,535</b>  |
| 2010         | 63,927         | 588,733          | 71,957         | 1,340,300         | <b>2,064,917</b>  |
| 2011         | 64,288         | 585,689          | 69,774         | 1,346,803         | <b>2,066,554</b>  |
| 2012         | 73,047         | 642,921          | 90,095         | 1,466,245         | <b>2,272,308</b>  |
| <b>Total</b> | <b>517,234</b> | <b>4,720,135</b> | <b>522,870</b> | <b>10,583,563</b> | <b>16,343,802</b> |

SOURCE: Utah State Tax Commission, Economic and Statistical Unit

## Notable Dates in Utah Highway Safety History

- 1906** First motor vehicle traffic crash death in Utah.
- 1912** First electric traffic signal installed in Salt Lake City.
- 1915** Driving age established at 16 years and older.
- 1926** Stop sign law implemented.
- 1935** Alcohol drinking age set at 21 years and older.
- 1935** Utah Highway Patrol granted statewide police authority.
- 1960** First sections of interstate opened in Utah.
- 1967** Illegal to operate a motor vehicle at or above .08 BAC.
- 1969** Motorcycle helmet required for all ages on roads with speed limits 35 mph or higher.
- 1972** Highest number of deaths recorded in one year in Utah (382).
- 1973** Maximum speed limit lowered to 55 mph.
- 1977** Motorcycle helmet law changed, helmets required only for riders under 18 years on all roads.
- 1985** First child restraint law.
- 1986** First seat belt law.
- 1987** Maximum speed limit raised to 65 mph.
- 1991** Amount of property damage required for reportable crashes increased from \$400 to \$750.
- 1992** Illegal for drivers under age 21 years to drive with any detectable amount of alcohol.
- 1996** Amount of property damage required for reportable crashes increased to \$1,000.
- 1996** Maximum speed limit raised to 75 mph.
- 1997** Increased age that children need to be restrained from up to eight years to up to ten years.
- 1997** Non-traffic crashes excluded. Non-traffic crashes accounted for approximately 10% of crashes in previous years.
- 1999** First Graduated Driver License law implemented.
- 2000** Secondary seat belt law for drivers and all passengers of motor vehicles.
- 2000** Increased age for use of child restraints up to age five years.
- 2006** State of Utah Investigating Officer's Report of Traffic Crash DI-9 Form updated.
- 2007** Hand-held telephone use prohibited, enforced if a moving traffic violation is committed.
- 2008** Increased age for use of child restraints up to age eight years.
- 2008** Maximum speed limit raised to 80 mph on selected parts of rural I-15.
- 2009** Amount of property damage required for reportable crashes increased to \$1,500.
- 2009** All drivers convicted of DUI required to use ignition interlock system.
- 2009** Text messaging prohibited while operating a moving motor vehicle.

## Glossary

**Alcohol-Impaired Driver Crash:** A crash in which the driver was cited for driving under the influence, the alcohol test was positive, or if the investigating officer suspected alcohol use.

**Alcohol-Impaired Driver Fatal Crash:** A crash resulting in one or more deaths involving at least one driver with a blood alcohol concentration of .08 grams per deciliter or above.

**Contributing Factor:** The circumstances reported by the investigating officer surrounding a crash that contributed to the crash or the crash severity.

**Crash Rate:** Crashes per 100 million vehicle miles traveled unless otherwise specified.

**Death Rate:** Traffic deaths per 100 million vehicle miles traveled unless otherwise specified.

**Fatal Crash:** A crash involving a motor vehicle traveling on a trafficway resulting in the death of at least one person within 30 days of the crash.

**Fatality Analysis Reporting System (FARS):** National data system containing data on all fatal traffic crashes in the U.S.

**Holiday Crash:** The following criteria was used to determine the number of days in the holiday period: 1) If a holiday occurred on Sunday, Tuesday, Wednesday, or Saturday, then it was considered a three day holiday (the day prior to the holiday, the holiday, and the day after the holiday); 2) If a holiday occurred on Monday, then it was considered a four day holiday (Friday through Monday); 3) If a holiday occurred on Friday, then it was considered a four day holiday (Thursday through Sunday); 4) If a holiday occurred on Thursday, then it was considered a five day holiday (Wednesday through Sunday).

**Incapacitating Injury:** Any injury, other than a fatal injury, which prevents the injured person from walking, driving, or normally continuing the activities the person was capable of performing before the injury occurred. Often defined as needing help from the scene.

**Injury Crash:** A crash in which one or more persons sustained a possible injury, non-incapacitating injury, or an incapacitating injury.

**Miles per Hour (MPH):** A unit of speed expressing the distance traveled (in miles) to the time spent traveling (in hours).

**Motorcycle Crash:** A crash involving a motorcycle or moped.

**Non-Incapacitating Injury:** Any injury, other than a fatal injury or an incapacitating injury, which is evident to observers at the scene of the crash in which the injury occurred. Examples: bruise, cut, bloody nose.

**Out-of-State Driver:** A driver licensed from a state/country other than Utah who is in a crash. Some of these drivers may reside in Utah and have not yet applied for a Utah driver license.

**Possible Injury:** Complaint of pain without visible injury.

**Property Damage Only (PDO) Crash:** A crash which results in damage to the motor vehicle or other property but without injury or death to any person.

**Restraint Use:** Restraint use is reported for occupants in a passenger car, light truck, van, SUV, or large truck. Occupants are coded as restrained if they reported using a shoulder/lap belt, lap belt, or a child safety seat at the scene of the crash. Occupants using only a shoulder strap were reported as being unrestrained. In the majority of cases, restraint use is self-reported by the crash occupant. In the case of fatal or severe injury crashes, the officer determines restraint use.

**Rural:** Counties with population less than 100,000 people. Rural counties in Utah are Beaver, Box Elder, Carbon, Daggett, Duchesne, Emery, Garfield, Grand, Iron, Juab, Kane, Millard, Morgan, Piute, Rich, San Juan, Sanpete, Sevier, Summit, Tooele, Uintah, Wasatch, and Wayne.

**Speed Crash:** A crash where a driver exceeded posted speed limits or was driving too fast for conditions.

**Teenage Driver Crash:** A crash involving a driver aged 15 to 19 years.

**Urban:** Counties with population 100,000 people and above. Urban counties in Utah are Cache, Davis, Salt Lake, Utah, Washington, and Weber.

**Vehicle Miles Traveled (VMT):** The number of miles traveled in a year for a given area calculated by the Utah Department of Transportation.

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