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Population, Vehicle Miles Traveled, Injuries, and Deaths (Utah 1970-2007)

| Persons | | | | | | |
|--------------|-------------------|------------------------------|----------------|--------------------------|---------------|--------------------------|
| Year | Population | Vehicle Miles Traveled (VMT) | Injuries | | Deaths | |
| | | | # | Rate Per 100 Million VMT | # | Rate Per 100 Million VMT |
| 1970 | 1,066,000 | 6,108,000,000 | 17,076 | 279.6 | 335 | 5.48 |
| 1971 | 1,101,150 | 6,544,000,000 | 18,073 | 276.2 | 337 | 5.15 |
| 1972 | 1,135,100 | 6,969,000,000 | 18,261 | 262.0 | 382 | 5.48 |
| 1973 | 1,168,950 | 7,274,000,000 | 18,415 | 253.2 | 361 | 4.96 |
| 1974 | 1,196,950 | 7,457,000,000 | 16,268 | 218.2 | 228 | 3.06 |
| 1975 | 1,233,900 | 7,942,000,000 | 17,762 | 223.6 | 274 | 3.45 |
| 1976 | 1,272,050 | 8,420,000,000 | 18,315 | 217.5 | 254 | 3.02 |
| 1977 | 1,315,950 | 9,054,000,000 | 19,728 | 217.9 | 360 | 3.98 |
| 1978 | 1,363,750 | 9,826,000,000 | 21,029 | 214.0 | 376 | 3.83 |
| 1979 | 1,415,950 | 9,811,000,000 | 20,798 | 212.0 | 328 | 3.34 |
| 1980 | 1,474,000 | 10,645,000,000 | 17,828 | 167.5 | 335 | 3.15 |
| 1981 | 1,515,000 | 10,733,000,000 | 18,090 | 168.5 | 364 | 3.39 |
| 1982 | 1,558,000 | 10,947,000,000 | 17,538 | 160.2 | 296 | 2.70 |
| 1983 | 1,595,000 | 11,228,000,000 | 18,910 | 168.4 | 283 | 2.52 |
| 1984 | 1,622,000 | 11,642,000,000 | 20,487 | 176.0 | 315 | 2.71 |
| 1985 | 1,643,000 | 12,035,000,000 | 21,346 | 177.4 | 303 | 2.52 |
| 1986 | 1,663,000 | 12,253,000,000 | 21,350 | 174.2 | 312 | 2.55 |
| 1987 | 1,678,000 | 12,679,000,000 | 19,237 | 151.7 | 297 | 2.34 |
| 1988 | 1,690,000 | 13,229,853,875 | 19,066 | 144.1 | 297 | 2.24 |
| 1989 | 1,706,000 | 13,933,977,565 | 19,843 | 142.4 | 303 | 2.17 |
| 1990 | 1,729,227 | 14,649,064,030 | 20,608 | 140.7 | 272 | 1.86 |
| 1991 | 1,780,870 | 15,390,400,930 | 19,540 | 127.0 | 271 | 1.76 |
| 1992 | 1,838,149 | 16,263,289,670 | 22,490 | 138.3 | 269 | 1.65 |
| 1993 | 1,889,393 | 17,055,044,750 | 25,763 | 151.1 | 303 | 1.78 |
| 1994 | 1,946,721 | 18,091,944,321 | 28,436 | 157.2 | 343 | 1.90 |
| 1995 | 1,995,228 | 18,798,488,669 | 28,343 | 150.8 | 325 | 1.73 |
| 1996 | 2,042,893 | 19,433,341,748 | 30,711 | 158.0 | 321 | 1.65 |
| 1997 | 2,099,409 | 20,407,590,239 | 31,238 | 153.1 | 366 | 1.79 |
| 1998 | 2,141,632 | 21,236,980,216 | 30,232 | 142.4 | 350 | 1.65 |
| 1999 | 2,193,014 | 21,867,355,694 | 29,959 | 137.0 | 360 | 1.65 |
| 2000 | 2,246,553 | 22,517,131,427 | 30,086 | 133.6 | 373 | 1.66 |
| 2001 | 2,295,971 | 23,398,734,621 | 29,375 | 125.5 | 291 | 1.24 |
| 2002 | 2,338,761 | 24,438,992,554 | 30,433 | 124.5 | 328 | 1.34 |
| 2003 | 2,385,358 | 23,963,242,376 | 28,352 | 118.3 | 309 | 1.29 |
| 2004 | 2,469,230 | 24,641,658,091 | 29,638 | 120.3 | 296 | 1.20 |
| 2005 | 2,547,389 | 25,129,538,952 | 29,221 | 116.3 | 282 | 1.12 |
| 2006 | 2,615,129 | 26,166,885,473 | 27,433 | 104.8 | 287 | 1.10 |
| 2007 | 2,699,554 | 26,824,244,333 | 27,420 | 102.2 | 299 | 1.11 |
| Total | 67,668,231 | 579,004,759,534 | 878,698 | 151.8 | 11,985 | 2.07 |

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

VEHICLE MILES TRAVELED SOURCE: Utah Highway Performance Monitoring System, www.udot.utah.gov

Crashes (Utah 1970-2007)

| Crashes | | | | | | | | |
|----------------|----------------------|-----------------------------|----------------|-----------------------------|---------------|-----------------------------|------------------|-----------------------------|
| Year | Property Damage Only | | Injury | | Fatal | | Total | |
| | # | Rate Per 100 Million VMT | # | Rate Per 100 Million VMT | # | Rate Per 100 Million VMT | # | Rate Per 100 Million VMT |
| 1970 | 24,168 | 395.7 | 10,722 | 175.5 | 276 | 4.52 | 35,166 | 575.7 |
| 1971 | 27,429 | 419.1 | 11,399 | 174.2 | 280 | 4.28 | 39,108 | 597.6 |
| 1972 | 27,914 | 400.5 | 11,630 | 166.9 | 312 | 4.48 | 39,856 | 571.9 |
| 1973 | 26,220 | 360.5 | 11,710 | 161.0 | 304 | 4.18 | 38,234 | 525.6 |
| 1974 | 20,637 | 276.7 | 10,560 | 141.6 | 204 | 2.74 | 31,401 | 421.1 |
| 1975 | 24,740 | 311.5 | 11,441 | 144.1 | 245 | 3.08 | 36,426 | 458.7 |
| 1976 | 22,435 | 266.4 | 11,685 | 138.8 | 225 | 2.67 | 34,345 | 407.9 |
| 1977 | 25,562 | 282.3 | 12,652 | 139.7 | 310 | 3.42 | 38,524 | 425.5 |
| 1978 | 28,946 | 294.6 | 13,423 | 136.6 | 315 | 3.21 | 42,684 | 434.4 |
| 1979 | 26,732 | 272.5 | 13,449 | 137.1 | 287 | 2.93 | 40,468 | 412.5 |
| 1980 | 21,589 | 202.8 | 11,701 | 109.9 | 292 | 2.74 | 33,582 | 315.5 |
| 1981 | 23,844 | 222.2 | 11,824 | 110.2 | 321 | 2.99 | 35,989 | 335.3 |
| 1982 | 26,425 | 241.4 | 11,504 | 105.1 | 263 | 2.40 | 38,192 | 348.9 |
| 1983 | 28,419 | 253.1 | 12,317 | 109.7 | 253 | 2.25 | 40,989 | 365.1 |
| 1984 | 33,738 | 289.8 | 13,477 | 115.8 | 274 | 2.35 | 47,489 | 407.9 |
| 1985 | 33,684 | 279.9 | 13,917 | 115.6 | 270 | 2.24 | 47,871 | 397.8 |
| 1986 | 32,426 | 264.6 | 13,988 | 114.2 | 276 | 2.25 | 46,690 | 381.0 |
| 1987 | 33,386 | 263.3 | 13,599 | 107.3 | 271 | 2.14 | 47,256 | 372.7 |
| 1988 | 35,614 | 269.2 | 13,377 | 101.1 | 258 | 1.95 | 49,249 | 372.3 |
| 1989 | 37,110 | 266.3 | 13,941 | 100.1 | 269 | 1.93 | 51,320 | 368.3 |
| 1990 | 37,823 | 258.2 | 14,632 | 99.9 | 236 | 1.61 | 52,691 | 359.7 |
| 1991 | 33,443 | 217.3 | 13,763 | 89.4 | 229 | 1.49 | 47,435 | 308.2 |
| 1992 | 34,760 | 213.7 | 15,665 | 96.3 | 235 | 1.44 | 50,660 | 311.5 |
| 1993 | 38,357 | 224.9 | 17,088 | 100.2 | 259 | 1.52 | 55,704 | 326.6 |
| 1994 | 40,243 | 222.4 | 18,726 | 103.5 | 302 | 1.67 | 59,271 | 327.6 |
| 1995 | 37,532 | 199.7 | 19,828 | 105.5 | 285 | 1.52 | 57,645 | 306.6 |
| 1996 | 40,225 | 207.0 | 20,988 | 108.0 | 284 | 1.46 | 61,497 | 316.5 |
| 1997 | 33,512 | 164.2 | 21,131 | 103.5 | 309 | 1.51 | 54,952 | 269.3 |
| 1998 | 34,337 | 161.7 | 19,427 | 91.5 | 308 | 1.45 | 54,072 | 254.6 |
| 1999 | 32,971 | 150.8 | 19,513 | 89.2 | 318 | 1.45 | 52,802 | 241.5 |
| 2000 | 33,269 | 147.7 | 19,564 | 86.9 | 318 | 1.41 | 53,151 | 236.0 |
| 2001 | 33,113 | 141.5 | 19,332 | 82.6 | 258 | 1.10 | 52,703 | 225.2 |
| 2002 | 33,542 | 137.2 | 19,552 | 80.0 | 274 | 1.12 | 53,368 | 218.4 |
| 2003 | 31,842 | 132.9 | 18,285 | 76.3 | 262 | 1.09 | 50,389 | 210.3 |
| 2004 | 34,222 | 138.9 | 19,423 | 78.8 | 260 | 1.06 | 53,905 | 218.8 |
| 2005 | 35,158 | 139.9 | 19,545 | 77.8 | 235 | 0.94 | 54,938 | 218.6 |
| 2006 | 37,674 | 144.0 | 18,264 | 69.8 | 249 | 0.95 | 56,187 | 214.7 |
| 2007 | 42,368 | 157.9 | 18,619 | 69.4 | 258 | 0.96 | 61,245 | 228.3 |
| Total | 1,205,409 | 208.2 | 581,661 | 100.5 | 10,384 | 1.79 | 1,797,454 | 310.4 |

County Population and Vehicle Miles Traveled (Utah 2007)

| County | | |
|------------------|-------------------------------|-------------------|
| County | Vehicle Miles Traveled | Population |
| Beaver | 256,056,502 | 6,466 |
| Box Elder | 915,253,384 | 47,491 |
| Cache | 980,858,779 | 109,022 |
| Carbon | 290,210,793 | 19,730 |
| Daggett | 32,946,533 | 969 |
| Davis | 2,520,879,593 | 296,029 |
| Duchesne | 235,057,772 | 16,163 |
| Emery | 359,607,553 | 10,461 |
| Garfield | 119,839,052 | 4,872 |
| Grand | 287,000,666 | 9,125 |
| Iron | 705,076,284 | 44,813 |
| Juab | 416,231,534 | 9,654 |
| Kane | 151,567,592 | 6,440 |
| Millard | 459,793,726 | 13,414 |
| Morgan | 142,725,364 | 9,265 |
| Piute | 31,273,031 | 1,385 |
| Rich | 49,909,317 | 2,162 |
| Salt Lake | 8,795,336,836 | 1,018,904 |
| San Juan | 279,380,331 | 14,807 |
| Sanpete | 234,613,884 | 26,464 |
| Sevier | 420,130,782 | 20,442 |
| Summit | 777,266,807 | 38,412 |
| Tooele | 912,517,523 | 56,536 |
| Uintah | 351,701,949 | 28,806 |
| Utah | 3,736,343,198 | 501,447 |
| Wasatch | 305,710,283 | 21,951 |
| Washington | 1,382,098,903 | 140,908 |
| Wayne | 40,181,829 | 2,635 |
| Weber | 1,634,674,536 | 220,781 |
| Statewide | 26,824,244,333 | 2,699,554 |

VEHICLE MILES TRAVELED SOURCE: Utah Highway Performance Monitoring System, www.udot.utah.gov

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

Number of Registered Vehicles by Vehicle Type (Utah 2005-2007)

| Vehicles | | | | | |
|-----------------|--------------------|--------------------|-------------------|----------------------|------------------|
| Year | Heavy Truck | Light Truck | Motorcycle | Passenger Car | Total |
| 2005 | 58,645 | 552,931 | 43,271 | 1,205,430 | 1,860,277 |
| 2006 | 60,765 | 564,280 | 48,949 | 1,243,041 | 1,917,035 |
| 2007 | 62,860 | 585,413 | 56,146 | 1,297,242 | 2,001,661 |
| Total | 182,270 | 1,702,624 | 148,366 | 3,745,713 | 5,778,973 |

SOURCE: Utah State Tax Commission, Economic and Statistical Unit

Number of Licensed Drivers by Age (Utah 2007)

| Licensed Drivers | |
|------------------|------------------|
| Driver Age | # |
| 15-19 | 124,884 |
| 20-24 | 198,768 |
| 25-29 | 219,909 |
| 30-34 | 189,206 |
| 35-39 | 159,695 |
| 40-44 | 140,857 |
| 45-49 | 148,254 |
| 50-54 | 138,262 |
| 55-59 | 115,388 |
| 60-64 | 89,567 |
| 65-69 | 65,700 |
| 70-74 | 50,381 |
| 75-79 | 39,505 |
| 80-84 | 26,763 |
| 85+ | 17,124 |
| Total | 1,724,263 |

SOURCE: Utah Department of Public Safety, Driver License Division

Important Changes in Utah Motor Vehicle Laws

- 1915** Driving age established at 16 years and older.
- 1926** Stop sign law implemented.
- 1935** Alcohol drinking age set at 21 years and older.
- 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.
- 1973** Maximum speed limit lowered to 55 mph.
- 1977** Motorcycle helmet required only for riders under 18 years on all roads.
- 1985** First child restraint law.
- 1986** First seatbelt law.
- 1987** Maximum speed limit raised to 65 mph.
- 1992** Illegal for drivers under age 21 years to drive with any detectable amount of alcohol.
- 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 10 years.
- 1998** First Graduated Driver License law implemented.
- 2000** Secondary seatbelt law for drivers and all passengers of motor vehicles.
- 2000** Increased age for use of child restraints up to age four years.
- 2007** Increased age for use of child restraints up to age eight years.

Changes in Crash Reporting

- 1991** Amount of property damage required for reportable crashes increased from \$400 to \$750.
- 1996** Amount of property damage required for reportable crashes increased to \$1,000.
- 1997** Private property crashes excluded. Private property crashes accounted for approximately 10% of crashes in previous years.
- 2006** State of Utah Investigating Officer's Report of Traffic Crash DI-9 Form updated.

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 reported 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 motor vehicle crash on public roadways resulting in one or more deaths. The death must occur 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.

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.

Rural: Counties with 0-100 persons per square mile. Rural counties in Utah are Beaver, Box Elder, Cache, Carbon, Daggett, Duchesne, Emery, Garfield, Grand, Iron, Juab, Kane, Millard, Morgan, Piute, Rich, San Juan, Sanpete, Sevier, Summit, Tooele, Uintah, Wasatch, Washington, and Wayne.

Seatbelt Use: Seatbelt use is reported for occupants in a passenger car, light truck, van, SUV, or large truck. Occupants are coded as wearing a seatbelt 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 unbelted. In the majority of cases, seatbelt use is self-reported by the crash occupant. The seatbelt use rate may be inflated if crash occupants report using a seatbelt when they did not use one. In the case of fatal or severe injury crashes, the officer determines seatbelt use.

Speed Crash: A crash where a driver was charged with a speeding offense, a vehicle exceeded posted speed limits, or if the officer indicated that street racing, driving too fast for conditions, or exceeding the posted speed limit was a contributing factor in the crash.

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

Urban: Counties with more than 100 persons per square mile. Urban counties in Utah are Davis, Salt Lake, Utah, 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.