Utah's Vital Statistics

# Births and Deaths
# 2009

Utah Department of Health
Center for Health Data

Office of
Vital Records
and Statistics

Utah's Vital Statistics

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# 2009

January 2011

Technical Report No. 271

## Mission Statement

The Office of Vital Records and Statistics administers the statewide system of Vital Records and Statistics by documenting and certifying the facts of births, deaths, and family formation for the legal purposes of the citizens of Utah, participates in the National Vital Statistics System, and responds to the needs of health programs, health care providers, businesses, researchers, educational institutions and the Utah public for data and statistical information.

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# PREFACE

The 2010 edition of *Utah's Vital Statistics* is the 33rd annual publication in this series. This report contains data on births and deaths received by the Office of Vital Records and Statistics, Utah Department of Health, for the year 2009. The primary purpose of this report is to make commonly used vital records data available to public health programs, health care providers, businesses, researchers, educational institutions, policymakers and the Utah public. It is our goal that these data will help drive decision-making in both the public and private health sectors in Utah and help policymakers have an awareness of how their actions impact the health outcomes for all Utahns.

**Statistical & Technical Notes:** Data are reported at the state, county and local health district level. The exception is Table A-23 which has birth and death data by community. Other data for cities and small areas can be found through accessing the Department of Health's IBIS website at http://ibis.health.utah.gov/.

This report contains two main data resources, the Summary and Reference sections. The Reference section is detailed birth and death data for 2009, and it is the Summary section before it that contains the populations, rates, and trend data. Following the Reference section are two Technical Appendices which provide technical notes on the sources, quality and limitations of data and sample copies of the forms used for collecting the vital records data, and Life Tables. The form for collecting birth information is new and the form for fetal death information is recreated for this publication to make the items clear to read. Users of this data can view the original fetal death form in the 2008 publication.

**New This Year:** Utah vital records birth questionnaire collects data in accordance with the 2003 U.S. Standard Certificate. The changes made to the questions asked of parents and health care providers impact the indices that are reported here. Most of the changes made are in the areas of prenatal care and socio-economic status of parents. Specifically, the Office of Vital Records & Statistics has discontinued asking the gestational month that prenatal visits began and mother's alcohol use during pregnancy.

Additionally, the way in which parents' education level and racial/ethnicity information is collected has changed. The previous questionnaire simply asked parents to provide their years of schooling. Under the old system, a parent could indicate 15 years of education, but OVRS could not infer if that parent had an associate's degree or simply two years of education beyond high school. The new question asks about degree obtainment rather than years of schooling. Parents are now asked what degree(s) they hold. Furthermore, the racial/ethnicity change allows parents to indicate a multi-race heritage. We report a single race for statistical purposes. Multiple race coding can be obtained from our office.

**Electronic Access:** This report is available as a PDF document on the Office of Vital Records & Statistics website at http://health.utah.gov/vitalrecords/. To request data files in alternate formats, please contact the Office of Vital Records & Statistics, by phone at (801) 538-6843 or by email at vrequest@utah.gov.

**Suggestions and Comments:** Users of *Utah's Vital Statistics* are encouraged to contact the Office of Vital Records and Statistics with suggestions to improve future editions. These comments should be sent to:

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*2009 Summary Tables:*

# Births and Deaths

Table 1. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-2009

| Year | Estimated midyear population | Births | Deaths | Maternal deaths | Infant mortality | Fetal deaths | Marriages | Divorces and annulments |
|---|---|---|---|---|---|---|---|---|
| 1940 | 551,800 | 13,347 | 4,845 | 36 | 539 | 253 | 8,254 | 1,500 |
| 1941 | 551,000 | 13,227 | 4,347 | 26 | 402 | 268 | 7,263 | 1,360 |
| 1942 | 571,200 | 15,520 | 4,622 | 27 | 522 | 281 | 6,081 | 1,433 |
| 1943 | 640,000 | 16,940 | 4,713 | 27 | 539 | 275 | 6,705 | 1,982 |
| 1944 | 604,700 | 16,043 | 4,727 | 22 | 548 | 248 | 6,262 | 2,995 |
| 1945 | 589,100 | 15,680 | 4,859 | 21 | 488 | 268 | 7,034 | 2,651 |
| 1946 | 638,000 | 18,220 | 4,785 | 25 | 496 | 293 | 9,781 | 3,434 |
| 1947 | 636,000 | 21,724 | 4,996 | 17 | 545 | 303 | 7,965 | 2,927 |
| 1948 | 653,000 | 20,714 | 5,070 | 12 | 550 | 298 | 7,327 | 2,199 |
| 1949 | 670,800 | 21,164 | 4,929 | 5 | 527 | 297 | 6,402 | 2,166 |
| 1950 | 695,900 | 21,192 | 4,974 | 7 | 506 | 256 | 7,110 | 2,107 |
| 1951 | 706,100 | 22,769 | 4,895 | 10 | 565 | 276 | 6,843 | 2,271 |
| 1952 | 723,000 | 23,732 | 5,188 | 11 | 590 | 313 | 6,752 | 2,331 |
| 1953 | 739,100 | 23,583 | 5,084 | 5 | 565 | 301 | 6,926 | 2,433 |
| 1954 | 750,500 | 24,305 | 4,992 | 6 | 506 | 325 | 6,295 | 2,140 |
| 1955 | 782,800 | 24,602 | 5,092 | 7 | 507 | 330 | 6,294 | 2,059 |
| 1956 | 808,800 | 24,971 | 5,224 | 7 | 571 | 320 | 6,657 | 2,189 |
| 1957 | 826,300 | 26,064 | 5,696 | 8 | 561 | 317 | 6,672 | 1,565 |
| 1958 | 845,200 | 25,384 | 5,809 | 10 | 564 | 325 | 6,600 | 2,002 |
| 1959 | 869,900 | 25,645 | 5,879 | 10 | 514 | 321 | 6,734 | 2,179 |
| 1960 | 900,000 | 26,272 | 5,997 | 5 | 517 | 276 | 7,202 | 2,167 |
| 1961 | 936,000 | 26,590 | 6,081 | 7 | 538 | 263 | 7,401 | 2,360 |
| 1962 | 958,000 | 26,213 | 6,325 | 9 | 525 | 290 | 7,651 | 2,480 |
| 1963 | 974,000 | 24,952 | 6,544 | 4 | 464 | 288 | 8,194 | 2,659 |
| 1964 | 978,000 | 23,844 | 6,404 | 3 | 482 | 237 | 8,525 | 2,895 |
| 1965 | 991,000 | 22,261 | 6,672 | 5 | 419 | 224 | 8,736 | 2,872 |
| 1966 | 1,009,000 | 22,601 | 6,850 | 5 | 414 | 222 | 9,623 | 3,090 |
| 1967 | 1,019,000 | 22,948 | 6,516 | 3 | 383 | 241 | 10,220 | 3,288 |
| 1968 | 1,029,000 | 23,193 | 6,882 | 3 | 410 | 240 | 11,558 | 3,390 |
| 1969 | 1,047,000 | 24,232 | 6,791 | 4 | 382 | 238 | 11,633 | 3,841 |
| 1970 | 1,066,000 | 26,969 | 7,063 | 6 | 405 | 298 | 11,938 | 3,912 |
| 1971 | 1,101,150 | 27,552 | 7,245 | 2 | 382 | 258 | 12,497 | 4,419 |
| 1972 | 1,135,100 | 26,911 | 7,323 | 12 | 360 | 263 | 13,911 | 4,876 |
| 1973 | 1,168,950 | 27,978 | 7,573 | 5 | 354 | 219 | 14,840 | 5,137 |
| 1974 | 1,196,950 | 29,946 | 7,380 | 2 | 364 | 286 | 15,164 | 5,670 |
| 1975 | 1,233,900 | 31,667 | 7,519 | 7 | 415 | 257 | 14,858 | 6,130 |
| 1976 | 1,272,050 | 35,310 | 7,472 | 7 | 414 | 275 | 14,664 | 6,170 |
| 1977 | 1,315,950 | 37,956 | 7,612 | 5 | 381 | 318 | 15,017 | 6,941 |
| 1978 | 1,363,750 | 38,811 | 7,871 | 2 | 443 | 283 | 16,489 | 7,175 |
| 1979 | 1,415,950 | 41,078 | 7,871 | 6 | 438 | 317 | 16,713 | 7,594 |
| 1980 | 1,474,000 | 41,786 | 8,103 | 3 | 435 | 302 | 17,079 | 7,957 |
| 1981 | 1,515,000 | 41,286 | 8,263 | 1 | 403 | 316 | 18,346 | 8,259 |
| 1982 | 1,558,000 | 41,537 | 8,502 | 5 | 457 | 272 | 18,427 | 8,413 |
| 1983 | 1,595,000 | 39,441 | 8,484 | 3 | 344 | 270 | 18,429 | 8,559 |
| 1984 | 1,622,000 | 38,286 | 8,944 | 6 | 350 | 263 | 17,990 | 8,295 |
| 1985 | 1,643,000 | 37,441 | 9,044 | 6 | 361 | 263 | 17,521 | 8,871 |
| 1986 | 1,663,000 | 36,383 | 8,886 | 1 | 310 | 238 | 17,134 | 8,610 |
| 1987 | 1,678,000 | 35,285 | 9,055 | 2 | 312 | 252 | 16,759 | 9,012 |
| 1988 | 1,690,000 | 36,040 | 9,185 | 1 | 287 | 190 | 17,376 | 8,079 |
| 1989 | 1,706,000 | 35,558 | 9,223 | 0 | 285 | 209 | 18,598 | 8,110 |

## Table 1 continued. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-2009

| Year | Estimated midyear population | Births | Deaths | Maternal deaths | Infant mortality | Fetal deaths | Marriages | Divorces and annulments |
|---|---|---|---|---|---|---|---|---|
| 1990 | 1,729,227 | 36,253 | 9,125 | 2 | 269 | 168 | 19,427 | 8,950 |
| 1991 | 1,780,870 | 36,019 | 9,576 | 1 | 222 | 189 | 19,472 | 8,800 |
| 1992 | 1,838,149 | 37,198 | 9,713 | 7 | 221 | 239 | 19,983 | 9,406 |
| 1993 | 1,889,393 | 37,048 | 10,393 | 2 | 222 | 203 | 20,181 | 8,794 |
| 1994 | 1,946,721 | 38,271 | 10,410 | 2 | 234 | 202 | 20,926 | 8,977 |
| 1995 | 1,995,228 | 39,554 | 10,854 | 3 | 206 | 225 | 21,469 | 8,857 |
| 1996 | 2,042,893 | 42,056 | 10,974 | 2 | 250 | 242 | 22,578 | 8,789 |
| 1997 | 2,099,409 | 43,009 | 11,545 | 2 | 249 | 210 | 22,900 | 9,065 |
| 1998 | 2,141,632 | 45,128 | 11,784 | 3 | 257 | 199 | 22,612 | 8,851 |
| 1999 | 2,193,014 | 46,243 | 11,981 | 5 | 221 | 200 | 24,104 | 9,415 |
| 2000 | 2,246,553 | 47,331 | 12,339 | 5 | 244 | 247 | 23,896 | 9,604 |
| 2001 | 2,305,652 | 47,915 | 12,607 | 6 | 232 | 233 | 24,980 | 9,607 |
| 2002 | 2,358,330 | 49,140 | 13,042 | 2 | 270 | 246 | 24,122 | 9,510 |
| 2003 | 2,413,618 | 49,834 | 13,341 | 5 | 248 | 242 | 24,090 | 9,517 |
| 2004 | 2,469,230 | 50,653 | 13,270 | 3 | 262 | 265 | 23,796 | 9,811 |
| 2005 | 2,547,389 | 51,517 | 13,325 | 5 | 231 | 260 | 24,109 | 9,982 |
| 2006 | 2,615,129 | 53,475 | 13,645 | 9 | 269 | 245 | 24,755 | 10,042 |
| 2007 | 2,699,554 | 55,063 | 13,988 | 11 | 284 | 257 | 24,051 | 9,491 |
| 2008 | 2,757,779 | 55,605 | 13,920 | 6 | 264 | 310 | 23,888 | 10,013 |
| 2009 | 2,800,089 | 53,849 | 14,010 | 6 | 285 | 297 | 22,824 | 10,088 |

Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.
Utah Population Estimates Committee in 1996 changed its convention on rounded estimates so that it now publishes unrounded estimates. Accordingly, the revised estimates for 1990 and thereafter are not rounded.

Source for population data for years 1940-2009: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB); Table: Total population by county: 1940-2009; website: http://www.governor.utah.gov/dea/UPEC/AII UPECData09

Table 2. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950 and 1960-2009

| | Birth | | Death | | Natural increase | | Infant mortality | | Fetal death | | Marriage | | Divorce and annulment | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Utah | U.S. | Utah | U.S. | Utah | U.S. | Utah | U.S. | Utah | U.S. | Utah | U.S. | Utah | U.S. |
| 1950 | 30.5 | 24.1 | 7.1 | 9.6 | 23.3 | 14.5 | 23.9 | 29.2 | 12.1 | 18.4 | 10.2 | 11.1 | 3.0 | 2.6 |
| 1960 | 29.2 | 23.7 | 6.7 | 9.5 | 22.5 | 14.2 | 19.7 | 26.0 | 10.5 | 15.8 | 8.0 | 8.5 | 2.4 | 2.2 |
| 1961 | 28.4 | 23.3 | 6.5 | 9.3 | 21.9 | 14.0 | 20.2 | 25.3 | 9.9 | 16.1 | 7.9 | 8.5 | 2.5 | 2.3 |
| 1962 | 27.4 | 22.4 | 6.6 | 9.5 | 20.8 | 12.9 | 20.0 | 25.3 | 11.1 | 15.9 | 8.0 | 8.5 | 2.6 | 2.2 |
| 1963 | 25.6 | 21.7 | 6.7 | 9.6 | 18.9 | 12.1 | 18.6 | 25.2 | 11.5 | 15.8 | 8.4 | 8.8 | 2.7 | 2.3 |
| 1964 | 24.4 | 21.1 | 6.5 | 9.4 | 17.8 | 11.7 | 20.2 | 24.8 | 9.9 | 16.4 | 8.7 | 9.0 | 3.0 | 2.4 |
| 1965 | 22.5 | 19.4 | 6.7 | 9.4 | 15.7 | 10.0 | 18.8 | 24.7 | 10.1 | 16.2 | 8.8 | 9.3 | 2.9 | 2.5 |
| 1966 | 22.4 | 18.4 | 6.8 | 9.5 | 15.6 | 8.9 | 18.3 | 23.7 | 9.8 | 15.7 | 9.5 | 9.5 | 3.1 | 2.5 |
| 1967 | 22.5 | 17.8 | 6.4 | 9.4 | 16.1 | 8.4 | 16.7 | 22.4 | 10.5 | 15.6 | 10.0 | 9.7 | 3.2 | 2.6 |
| 1968 | 22.5 | 17.6 | 6.7 | 9.7 | 15.9 | 7.9 | 17.7 | 21.8 | 10.3 | 15.8 | 11.2 | 10.4 | 3.3 | 2.9 |
| 1969 | 23.1 | 17.9 | 6.5 | 9.5 | 16.7 | 8.4 | 15.8 | 20.9 | 9.8 | 14.1 | 11.1 | 10.6 | 3.7 | 3.2 |
| 1970 | 25.3 | 18.4 | 6.6 | 9.5 | 18.7 | 8.9 | 15.0 | 20.0 | 11.0 | 14.0 | 11.2 | 10.6 | 3.7 | 3.5 |
| 1971 | 25.0 | 17.2 | 6.6 | 9.3 | 18.4 | 7.9 | 13.9 | 19.1 | 9.4 | 13.4 | 11.3 | 10.6 | 4.0 | 3.7 |
| 1972 | 23.7 | 15.6 | 6.5 | 9.4 | 17.3 | 6.2 | 13.4 | 18.5 | 9.8 | 12.7 | 12.3 | 10.9 | 4.3 | 4.0 |
| 1973 | 23.9 | 14.8 | 6.5 | 9.3 | 17.4 | 5.5 | 12.7 | 17.7 | 7.8 | 12.2 | 12.7 | 10.8 | 4.4 | 4.3 |
| 1974 | 25.0 | 14.8 | 6.2 | 9.1 | 18.8 | 5.7 | 12.2 | 16.7 | 9.6 | 11.5 | 12.7 | 10.5 | 4.7 | 4.6 |
| 1975 | 25.7 | 14.6 | 6.1 | 8.8 | 19.6 | 5.8 | 13.1 | 16.1 | 8.1 | 10.7 | 12.0 | 10.0 | 5.0 | 4.8 |
| 1976 | 27.8 | 14.6 | 5.9 | 8.8 | 21.9 | 5.8 | 11.7 | 15.2 | 7.8 | 10.5 | 11.5 | 9.9 | 4.9 | 5.0 |
| 1977 | 28.8 | 15.1 | 5.8 | 8.6 | 23.0 | 6.5 | 10.0 | 14.1 | 8.4 | 9.9 | 11.4 | 9.9 | 5.3 | 5.0 |
| 1978 | 28.5 | 15.0 | 5.8 | 8.7 | 22.7 | 6.3 | 11.4 | 13.8 | 7.3 | 9.7 | 12.1 | 10.3 | 5.3 | 5.1 |
| 1979 | 29.0 | 15.6 | 5.6 | 8.5 | 23.5 | 7.1 | 10.7 | 13.1 | 7.7 | 9.4 | 11.8 | 10.4 | 5.4 | 5.3 |
| 1980 | 28.3 | 15.9 | 5.5 | 8.8 | 22.9 | 7.1 | 10.4 | 12.6 | 7.2 | 9.1 | 11.6 | 10.6 | 5.4 | 5.2 |
| 1981 | 27.3 | 15.8 | 5.5 | 8.6 | 21.8 | 7.2 | 9.8 | 11.9 | 7.7 | 9.0 | 12.1 | 10.6 | 5.5 | 5.3 |
| 1982 | 26.7 | 15.9 | 5.5 | 8.5 | 21.2 | 7.4 | 11.0 | 11.5 | 6.5 | 8.9 | 12.0 | 10.6 | 5.4 | 5.1 |
| 1983 | 24.7 | 15.6 | 5.3 | 8.6 | 19.4 | 7.0 | 8.7 | 11.2 | 6.8 | 8.5 | 11.6 | 10.5 | 5.4 | 5.0 |
| 1984 | 23.6 | 15.6 | 5.5 | 8.6 | 18.1 | 7.0 | 9.1 | 10.8 | 6.9 | 8.2 | 11.1 | 10.5 | 5.1 | 5.0 |
| 1985 | 22.8 | 15.8 | 5.5 | 8.8 | 17.3 | 7.0 | 9.6 | 10.6 | 7.0 | 7.8 | 10.6 | 10.1 | 5.4 | 5.0 |
| 1986 | 21.9 | 15.6 | 5.3 | 8.8 | 16.5 | 6.8 | 8.5 | 10.4 | 6.5 | 7.7 | 10.3 | 10.0 | 5.2 | 4.9 |
| 1987 | 21.0 | 15.7 | 5.4 | 8.8 | 15.6 | 6.9 | 8.8 | 10.1 | 7.1 | 7.7 | 10.0 | 9.9 | 5.4 | 4.8 |
| 1988 | 21.3 | 16.0 | 5.4 | 8.9 | 15.9 | 7.1 | 8.0 | 10.0 | 5.3 | 7.5 | 10.3 | 9.8 | 4.8 | 4.8 |
| 1989 | 20.8 | 16.4 | 5.4 | 8.7 | 15.4 | 7.7 | 8.0 | 9.8 | 5.8 | 7.5 | 10.9 | 9.7 | 4.8 | 4.7 |
| 1990 | 21.0 | 16.7 | 5.3 | 8.6 | 15.7 | 8.1 | 7.4 | 9.2 | 4.6 | 7.5 | 11.2 | 9.8 | 5.2 | 4.7 |
| 1991 | 20.2 | 16.2 | 5.4 | 8.6 | 14.8 | 7.6 | 6.2 | 8.9 | 5.2 | 7.3 | 10.9 | 9.4 | 4.9 | 4.7 |
| 1992 | 20.2 | 15.8 | 5.3 | 8.5 | 15.0 | 7.3 | 5.9 | 8.5 | 6.4 | 7.4 | 10.9 | 9.3 | 5.1 | 4.8 |
| 1993 | 19.6 | 15.4 | 5.5 | 8.7 | 14.1 | 6.7 | 6.0 | 8.4 | 5.5 | 7.1 | 10.7 | 9.0 | 4.7 | 4.6 |
| 1994 | 19.7 | 15.0 | 5.3 | 8.7 | 14.3 | 6.3 | 6.1 | 8.0 | 5.3 | N.A. | 10.7 | 9.1 | 4.6 | 4.6 |
| 1995 | 19.8 | 14.6 | 5.4 | 8.7 | 14.4 | 5.9 | 5.2 | 7.6 | 5.7 | 7.0 | 10.8 | 8.9 | 4.4 | 4.4 |
| 1996 | 20.6 | 14.4 | 5.4 | 8.6 | 15.2 | 5.8 | 5.9 | 7.3 | 5.7 | 6.9 | 11.1 | 8.8 | 4.3 | 4.3 |
| 1997 | 20.5 | 14.2 | 5.5 | 8.5 | 15.0 | 5.7 | 5.8 | 7.2 | 4.9 | 6.8 | 10.9 | 8.9 | 4.3 | 4.3 |
| 1998 | 21.1 | 14.3 | 5.5 | 8.5 | 15.6 | 5.8 | 5.7 | 7.2 | 4.4 | 6.7 | 10.6 | 9.0 | 4.1 | 4.3 |
| 1999 | 21.1 | 14.2 | 5.5 | 8.6 | 15.6 | 5.6 | 4.8 | 7.1 | 4.3 | 6.7 | 11.0 | 8.3 | 4.3 | 4.2 |

## Table 2 continued. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950 and 1960-2009

| | Birth | | Death | | Natural increase | | Infant mortality | | Fetal death | | Marriage | | Divorce and annulment | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Utah | U.S. | Utah | U.S. | Utah | U.S. | Utah | U.S. | Utah | U.S. | Utah | U.S. | Utah | U.S. |
| 2000 | 21.1 | 14.4 | 5.5 | 8.7 | 15.6 | 5.7 | 5.2 | 6.9 | 5.2 | 6.6 | 10.6 | 8.4 | 4.3 | 4.1 |
| 2001 | 20.8 | 14.1 | 5.5 | 8.5 | 15.3 | 5.6 | 4.8 | 6.9 | 4.8 | 6.5 | 10.9 | 8.2 | 4.2 | 4.0 |
| 2002 | 20.8 | 13.9 | 5.5 | 8.5 | 15.3 | 5.4 | 5.5 | 7.0 | 5.0 | 6.4 | 10.3 | 7.8 | 4.0 | 4.0 |
| 2003 | 20.6 | 14.1 | 5.5 | 8.3 | 15.1 | 5.8 | 5.0 | 6.9 | 4.8 | 6.2 | 10.1 | 7.7 | 4.0 | 3.8 |
| 2004 | 20.5 | 14.0 | 5.4 | 8.1 | 15.1 | 5.9 | 5.2 | 6.8 | 5.2 | 6.2 | 9.6 | 7.8 | 4.0 | 3.7 |
| 2005 | 20.2 | 14.0 | 5.2 | 8.2 | 15.0 | 5.8 | 4.5 | 6.8 | 5.0 | 6.2 | 9.5 | 7.6 | 3.9 | 3.6 |
| 2006 | 20.4 | 14.2 | 5.2 | 8.2 | 15.2 | 5.8 | 5.0 | 6.7 | 4.6 | N.A. | 9.5 | 7.6 | 3.8 | 3.6 |
| 2007 | 20.4 | 14.3 | 5.2 | 8.0 | 15.2 | 6.3 | 5.2 | 6.6 | 4.7 | N.A. | 8.9 | 7.3 | 3.5 | 3.6 |
| 2008 | 20.2 | 13.9 | 5.0 | 8.1 | 15.1 | 5.8 | 4.7 | 6.5 | 5.6 | N.A. | 8.7 | 7.1 | 3.6 | 3.5 |
| 2009 | 19.2 | 13.5 | 5.0 | 7.9 | 14.2 | 5.6 | 5.3 | 6.3 | 5.5 | N.A. | 8.2 | 6.8 | 3.6 | 3.4 |

Rates for births, deaths, marriages, and divorces are per 1,000 population.
Rates for natural increase are births minus deaths per 1,000 population.
Rates for infant mortality and ratios for spontaneous fetal deaths are per 1,000 live births.
Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.
Source for U.S. rates for 2007-2009: National Center for Health Statistics, Centers for Disease Control; Table A. Births, Marriages, Divorces, and Deaths: Provisional Data for 2009; National Vital Statistics Report; Volume 58, Number 25, August 27, 2010.
Source for U.S. birth rates for specified data years 1940-1955 and each year, 1960-2007; National Center for Health Statistics, Centers for Disease Control; Table 1. Live births, birth rates, and fertility rates by race: united states, specified years 1940-1955 and each year, 1960-2007; National Vital Statistics Reports, Births: Final Data for 2007, Vol. 58, No. 24, August 9, 2010.
Source for U.S. death rates and infant death rates for 1950, 1960, 1970 and 1980-2006; National Center for Health Statistics, Centers for Disease Control; Table 1. "Number of deaths, death rates, and age-adjusted death rates, by race and sex: United States, 1940, 1950, 1960, 1970, and 1980-2006;" and Table 30. "Infant, neonatal, and postneonatal mortality rates by race and sex: United States, 1940, 1950, 1960, 1970, and 1975-2006;" Deaths: Final Data for 2006; National Vital Statistics Report, Vol. 57, No. 14; April 17, 2009.
Source for U.S. death rates for 2005: National Center for Health Statistics, Centers for Disease Control; Table A. Provisional vital statistics for the United States, 2007; Births, Marriages, Divorces, and Deaths: Provisional Data for 2007; National Vital Statistics Report' Volume 56, Number 21, July 14, 2008.
Infant death rates for data years 1950, 1960, 1970, 1975-2004: National Center for Health Statistics, Centers for Disease Control: Table 30. Infant, neonatal, and post neonatal mortality rates by race and sex: United States, 1940, 1950, 1960, 1970, and 1975-2004; "Deaths: Final Data for 2004; National Vital Statistics Report series, Vol. 55 No. 19; August 21, 2007.
Source for U.S. fetal death rates for 1995-2005: National Center for Health Statistics, Centers for Disease Control; Table 21. Infant mortality rates, fetal mortality rates, and perinatal mortality rates, by race: United States, selected years 1950-2005; Fetal and Perinatal Mortality, United States, 2005; National Vital Statistics Report; Volume 57, Number 8, January 28, 2009.
Source for U.S. fetal deaths for data years 1991-1993: National Center for Health Statistics, Centers for Disease Control; Table 3-2. Fetal deaths, fetal mortality rates and ratios by race, United States 1942-93; Vital Statistics of the United States 1993, Vol. II - Mortality Part A, 2002.
Source for U.S. fetal deaths for data years 1985 and 1990: National Center for Health Statistics, Centers for Disease Control: Table A. "Fetal and perinatal mortality rates: United States, 1985, 1990, and 1995-2004;" Fetal and Perinatal Mortality, United States, 2004; National Vital Statistics Report series, Vol. 56, No. 3; October 11, 2007.
Source for U.S. fetal deaths (Years: 1950, 1960, 1970, and 1980): Health, United States, 2005.
Sources for other data years are previous issues of the National Vital Statistics series and the Monthly Vital Statistics series.

**Figure 1. Estimated resident population, July 1, each year: Utah 1960-2009**

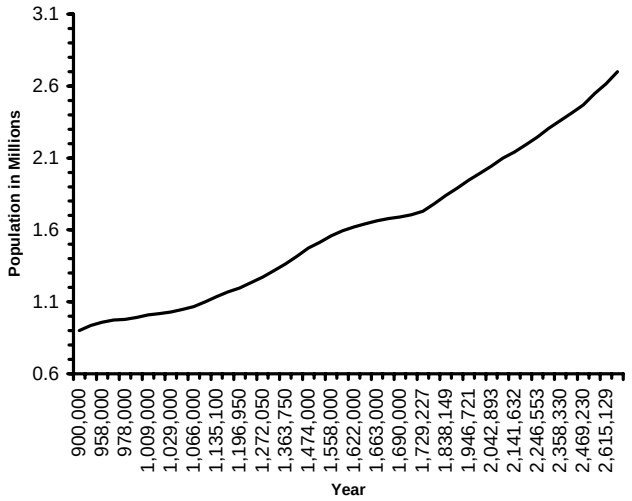



**Figure 2. Rate of natural increase: Utah and United States, 1960-2009**

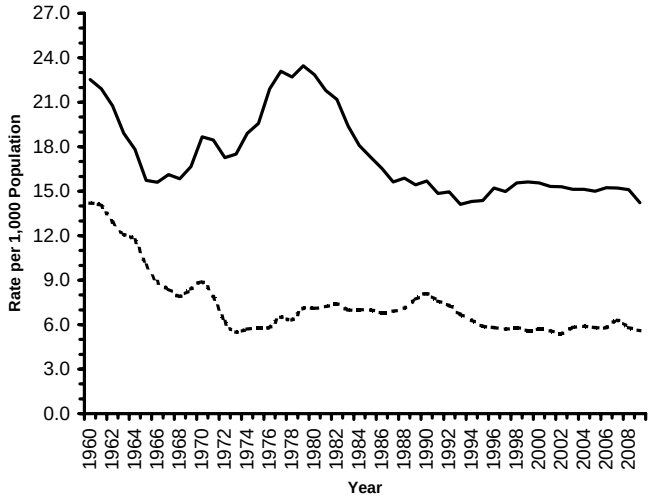



**Figure 3. Crude birth rates: Utah and United States, 1960-2009**

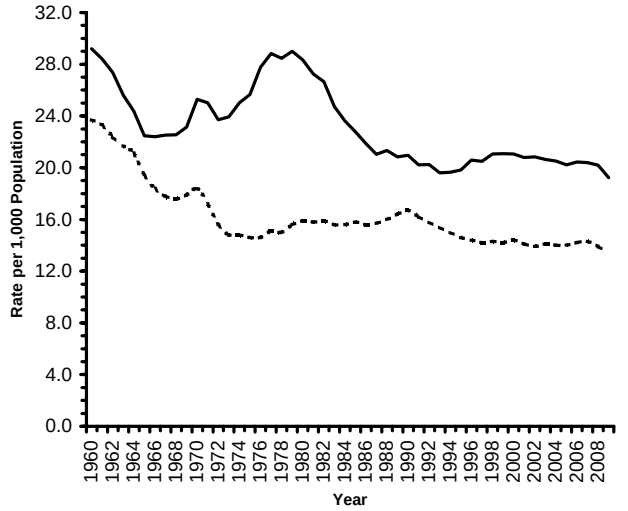
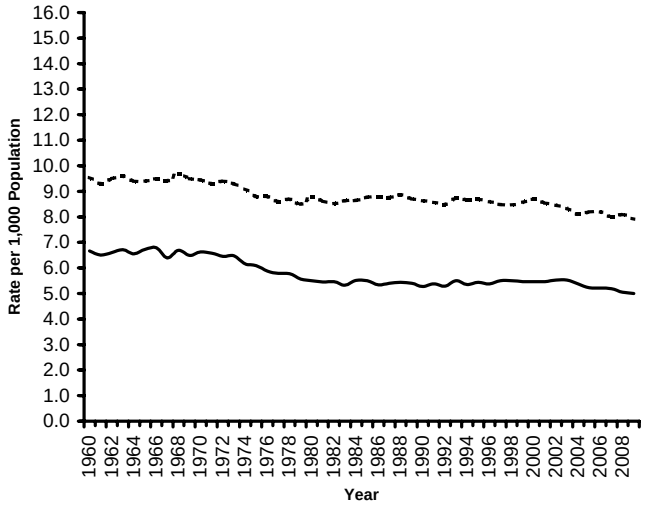



**Figure 4. Crude death rates: Utah and United States, 1960-2009**




Utah ____

U.S. _ _ _

## Table 3. Statistical summary, estimated midyear population, births, deaths, infant mortality, fetal deaths and abortions by local health district and county of residence: Utah, 2009

| Health district and county | Estimated population 1 July 2009 | Births | | Deaths | | | Infant mortality | | Fetal death | | Abortions | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Number | Rate | Number | Rate | Age-adjusted rate | Number | Rate | Number | Ratio | Number | Rate |
| Total | 2,800,089 | 53,849 | 19.2 | 14,010 | 5.0 | 654.6 | 285 | 5.3 | 297 | 5.5 | 3,270 | 60.7 |
| Bear River | 166,026 | 3,518 | 21.2 | 767 | 4.6 | 623.6 | 19 | 5.4 | 18 | 5.1 | 108 | 30.7 |
| Box Elder | 49,421 | 961 | 19.4 | 300 | 6.1 | 706.6 | 6 | - - | 7 | 7.3 | 29 | 30.2 |
| Cache | 114,276 | 2,516 | 22.0 | 455 | 4.0 | 592.2 | 13 | 5.2 | 11 | 4.4 | 79 | 31.4 |
| Rich | 2,329 | 41 | 17.6 | 12 | 5.2 | 416.3* | 0 | - - | 0 | - - | 0 | - - |
| Central Utah | 76,483 | 1,228 | 16.1 | 559 | 7.3 | 775.4 | 7 | 5.7 | 6 | - - | 25 | 20.4 |
| Juab | 10,191 | 210 | 20.6 | 83 | 8.1 | 898.8 | 1 | - - | 1 | - - | 8 | 38.1 |
| Millard | 13,702 | 218 | 15.9 | 87 | 6.3 | 651.9 | 0 | - - | 2 | - - | 5 | - - |
| Piute | 1,479 | 17 | 11.5 | 17 | 11.5 | 959.1 | 1 | - - | 0 | - - | 0 | - - |
| Sanpete | 27,646 | 393 | 14.2 | 166 | 6.0 | 703.3 | 3 | - - | 2 | - - | 7 | 17.8 |
| Sevier | 20,773 | 363 | 17.5 | 177 | 8.5 | 859.7 | 2 | - - | 1 | - - | 5 | - - |
| Wayne | 2,692 | 27 | 10.0 | 29 | 10.8 | 929.7 | 0 | - - | 0 | - - | 0 | - - |
| Davis | 307,656 | 6,071 | 19.7 | 1,352 | 4.4 | 674.9 | 39 | 6.4 | 35 | 5.8 | 271 | 44.6 |
| Salt Lake | 1,042,125 | 18,714 | 18.0 | 5,444 | 5.2 | 693.1 | 114 | 6.1 | 104 | 5.6 | 2,052 | 109.7 |
| Southeastern | 55,752 | 891 | 16.0 | 408 | 7.3 | 720.3 | 1 | - - | 5 | - - | 25 | 28.1 |
| Carbon | 19,768 | 322 | 16.3 | 182 | 9.2 | 849.1 | 0 | - - | 2 | - - | 16 | 49.7 |
| Emery | 10,848 | 175 | 16.1 | 77 | 7.1 | 734.0 | 0 | - - | 2 | - - | 6 | - - |
| Grand | 9,493 | 132 | 13.9 | 69 | 7.3 | 636.9 | 0 | - - | 0 | - - | 3 | - - |
| San Juan | 15,643 | 262 | 16.7 | 80 | 5.1 | 585.5 | 1 | - - | 1 | - - | 0 | - - |
| Southwest | 210,756 | 3,645 | 17.3 | 1,335 | 6.3 | 544.2 | 16 | 4.4 | 21 | 5.8 | 15 | 4.1 |
| Beaver | 6,576 | 131 | 19.9 | 73 | 11.1 | 1121.8 | 0 | - - | 1 | - - | 1 | - - |
| Garfield | 5,149 | 58 | 11.3 | 30 | 5.8 | 512.4 | 0 | - - | 1 | - - | 2 | - - |
| Iron | 46,825 | 888 | 19.0 | 245 | 5.2 | 616.8 | 1 | - - | 4 | - - | 6 | - - |
| Kane | 6,740 | 90 | 13.4 | 53 | 7.9 | 593.5 | 0 | - - | 0 | - - | 0 | - - |
| Washington | 145,466 | 2,478 | 17.0 | 934 | 6.4 | 509.2 | 15 | 6.1 | 15 | 6.1 | 6 | - - |
| Summit | 40,451 | 562 | 13.9 | 117 | 2.9 | 481.2 | 4 | - - | 2 | - - | 90 | 160.1 |
| Tooele | 59,117 | 1,099 | 18.6 | 271 | 4.6 | 646.3 | 6 | - - | 8 | 7.3 | 46 | 41.9 |
| TriCounty | 49,647 | 1,167 | 23.5 | 315 | 6.3 | 751.7 | 6 | - - | 3 | - - | 42 | 36.0 |
| Daggett | 988 | 12 | 12.1 | 8 | 8.1 | 626.3* | 0 | - - | 0 | - - | 1 | - - |
| Duchesne | 17,368 | 433 | 24.9 | 100 | 5.8 | 829.9 | 3 | - - | 0 | - - | 5 | - - |
| Uintah | 31,291 | 722 | 23.1 | 207 | 6.6 | 773.4 | 3 | - - | 3 | - - | 36 | 49.9 |
| Utah County | 531,442 | 12,168 | 22.9 | 1,846 | 3.5 | 626.2 | 50 | 4.1 | 67 | 5.5 | 316 | 26.0 |
| Wasatch | 23,428 | 389 | 16.6 | 102 | 4.4 | 644.7 | 1 | - - | 3 | - - | 19 | 48.8 |
| Weber-Morgan | 237,206 | 4,397 | 18.5 | 1,493 | 6.3 | 731.2 | 22 | 5.0 | 22 | 5.0 | 261 | 59.4 |
| Morgan | 9,947 | 177 | 17.8 | 40 | 4.0 | 526.7 | 1 | - - | 0 | - - | 1 | - - |
| Weber | 227,259 | 4,220 | 18.6 | 1,453 | 6.4 | 740.7 | 21 | 5.0 | 22 | 5.2 | 260 | 61.6 |
| Unknown | 0 | 0 | - - | 1 | - - | - - | 0 | - - | 3 | - - | 0 | - - |

Notes:
Rates for births are per 1,000 population.
Crude rates for deaths are per 1,000 population.
Age-adjusted rates for deaths are per 100,000 population.
Rates for infant mortality, ratios for fetal deaths, and rates for abortions are per 1,000 live births.
Rates are not computed for fewer than seven events.
Source for population data for years 2009: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB); Table Total population by county: 1940-2009; website: http://www.governor.utah.gov/dea/UPEC/All UPECData091201.xls. (UPEC data is July 1 of the calendar year.).
*Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet UDOH standards for reliability.
Consider aggregating years to decrease the relative standard error and improve the reliability of the estimate.

## Table 4. Births by local health district and county of residence: Utah, 1980, 1990 and 1995-2009

| Health district and county | Year | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1980 | 1990 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
| Total | 41,786 | 36,253 | 39,554 | 42,056 | 43,009 | 45,128 | 46,243 | 47,331 | 47,915 | 49,140 | 49,834 | 50,653 | 51,517 | 53,475 | 55,063 | 55,605 | 53,849 |
| Bear River | 2,775 | 2,430 | 2,546 | 2,782 | 2,804 | 2,982 | 2,959 | 2,972 | 3,004 | 3,126 | 3,277 | 3,328 | 3,302 | 3,385 | 3,379 | 3,513 | 3,518 |
| Box Elder | 902 | 715 | 652 | 734 | 721 | 813 | 784 | 776 | 793 | 805 | 815 | 818 | 876 | 919 | 948 | 960 | 961 |
| Cache | 1,805 | 1,687 | 1,871 | 2,020 | 2,054 | 2,144 | 2,150 | 2,169 | 2,193 | 2,298 | 2,423 | 2,476 | 2,393 | 2,429 | 2,400 | 2,513 | 2,516 |
| Rich | 68 | 28 | 23 | 28 | 29 | 25 | 25 | 27 | 18 | 23 | 39 | 34 | 33 | 37 | 31 | 40 | 41 |
| Central Utah | 1,322 | 926 | 1,016 | 1,007 | 1,153 | 1,128 | 1,158 | 1,123 | 1,178 | 1,113 | 1,168 | 1,197 | 1,174 | 1,213 | 1,217 | 1,281 | 1,228 |
| Juab | 151 | 105 | 135 | 155 | 168 | 192 | 172 | 177 | 171 | 173 | 169 | 193 | 174 | 175 | 193 | 229 | 210 |
| Millard | 267 | 230 | 196 | 176 | 209 | 196 | 180 | 183 | 196 | 186 | 205 | 198 | 169 | 192 | 211 | 205 | 218 |
| Piute | 34 | 14 | 22 | 19 | 20 | 18 | 25 | 17 | 21 | 16 | 15 | 24 | 17 | 19 | 14 | 22 | 17 |
| Sanpete | 389 | 297 | 320 | 330 | 410 | 368 | 403 | 367 | 416 | 369 | 394 | 399 | 430 | 414 | 406 | 443 | 393 |
| Sevier | 424 | 250 | 297 | 284 | 306 | 316 | 333 | 333 | 343 | 323 | 348 | 342 | 359 | 374 | 359 | 336 | 363 |
| Wayne | 57 | 30 | 46 | 43 | 40 | 38 | 45 | 46 | 31 | 46 | 37 | 41 | 25 | 39 | 34 | 46 | 27 |
| Davis | 4,083 | 3,871 | 4,131 | 4,317 | 4,515 | 4,678 | 4,781 | 4,835 | 5,041 | 5,099 | 5,444 | 5,590 | 5,666 | 6,037 | 6,159 | 6,202 | 6,071 |
| Salt Lake | 16,577 | 14,914 | 15,692 | 16,663 | 16,711 | 17,362 | 17,620 | 18,333 | 18,104 | 18,559 | 18,223 | 18,383 | 18,680 | 19,158 | 19,546 | 19,591 | 18,714 |
| Southeastern | 1,585 | 913 | 834 | 879 | 900 | 926 | 855 | 818 | 819 | 836 | 836 | 842 | 823 | 857 | 858 | 866 | 891 |
| Carbon | 615 | 289 | 296 | 303 | 325 | 345 | 324 | 301 | 295 | 316 | 314 | 321 | 292 | 307 | 327 | 324 | 322 |
| Emery | 421 | 185 | 159 | 185 | 195 | 176 | 156 | 172 | 176 | 159 | 171 | 166 | 179 | 179 | 192 | 192 | 175 |
| Grand | 197 | 109 | 99 | 120 | 128 | 116 | 117 | 111 | 117 | 121 | 95 | 110 | 120 | 135 | 123 | 125 | 132 |
| San Juan | 352 | 330 | 280 | 271 | 252 | 289 | 258 | 234 | 231 | 240 | 256 | 245 | 232 | 236 | 216 | 225 | 262 |
| Southwest | 1,594 | 1,578 | 2,143 | 2,360 | 2,586 | 2,750 | 2,829 | 2,857 | 2,857 | 2,983 | 3,210 | 3,415 | 3,644 | 3,949 | 4,022 | 3,974 | 3,645 |
| Beaver | 123 | 70 | 104 | 110 | 114 | 129 | 135 | 114 | 115 | 116 | 135 | 132 | 109 | 97 | 121 | 132 | 131 |
| Garfield | 100 | 48 | 52 | 70 | 73 | 84 | 70 | 58 | 70 | 67 | 79 | 71 | 70 | 75 | 65 | 62 | 58 |
| Iron | 507 | 427 | 573 | 618 | 679 | 747 | 752 | 771 | 789 | 739 | 787 | 847 | 920 | 926 | 997 | 969 | 888 |
| Kane | 104 | 95 | 69 | 82 | 101 | 93 | 75 | 100 | 75 | 90 | 67 | 105 | 91 | 95 | 83 | 94 | 90 |
| Washington | 760 | 938 | 1,345 | 1,480 | 1,619 | 1,697 | 1,797 | 1,814 | 1,808 | 1,971 | 2,142 | 2,260 | 2,454 | 2,756 | 2,756 | 2,717 | 2,478 |
| Summit | 256 | 269 | 336 | 374 | 402 | 409 | 436 | 473 | 508 | 468 | 520 | 583 | 523 | 545 | 595 | 506 | 562 |
| Tooele | 632 | 506 | 518 | 610 | 671 | 725 | 905 | 955 | 996 | 998 | 1,085 | 1,055 | 1,057 | 1,099 | 1,144 | 1,099 | 1,099 |
| TriCounty | 1,107 | 703 | 653 | 660 | 664 | 712 | 736 | 753 | 789 | 834 | 775 | 880 | 858 | 962 | 1,069 | 1,078 | 1,167 |
| Daggett | 27 | 15 | 9 | 5 | 4 | 10 | 16 | 16 | 9 | 9 | 12 | 8 | 5 | 13 | 9 | 11 | 12 |
| Duchesne | 418 | 255 | 257 | 253 | 248 | 253 | 296 | 282 | 274 | 319 | 300 | 308 | 299 | 341 | 385 | 422 | 433 |
| Uintah | 662 | 433 | 387 | 402 | 412 | 449 | 424 | 455 | 506 | 506 | 463 | 564 | 554 | 608 | 675 | 645 | 722 |
| Utah County | 7,838 | 6,751 | 7,931 | 8,370 | 8,709 | 9,232 | 9,807 | 9,864 | 10,234 | 10,588 | 10,742 | 10,954 | 11,314 | 11,726 | 12,284 | 12,506 | 12,168 |
| Wasatch | 268 | 181 | 217 | 231 | 241 | 269 | 272 | 310 | 317 | 393 | 390 | 371 | 365 | 393 | 408 | 433 | 389 |
| Weber-Morgan | 3,749 | 3,211 | 3,537 | 3,803 | 3,653 | 3,955 | 3,885 | 4,038 | 4,068 | 4,143 | 4,164 | 4,055 | 4,111 | 4,151 | 4,382 | 4,556 | 4,397 |
| Morgan | 117 | 93 | 93 | 110 | 95 | 116 | 85 | 98 | 106 | 96 | 112 | 113 | 130 | 140 | 159 | 145 | 177 |
| Weber | 3,632 | 3,118 | 3,444 | 3,693 | 3,558 | 3,839 | 3,800 | 3,940 | 3,962 | 4,047 | 4,052 | 3,942 | 3,981 | 4,011 | 4,223 | 4,411 | 4,220 |

## Table 5. Census of population and intercensal estimates by local health district and county of residence: Utah, April 1, 1990 and 2000 and July 1, 1990, 1995, and 2000-2009

| Health district and county | April 1, 1990 Census | April 1, 2000 Census | Mid-Year Population 1990 | 1995 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 1,722,850 | 2,233,169 | 1,729,227 | 1,995,221 | 2,246,553 | 2,305,652 | 2,358,330 | 2,413,618 | 2,469,230 | 2,547,389 | 2,615,129 | 2,699,554 | 2,757,779 | 2,800,089 |
| Bear River | 108,393 | 136,097 | 108,797 | 123,195 | 136,712 | 138,600 | 141,322 | 144,277 | 146,905 | 150,930 | 153,779 | 158,675 | 162,831 | 166,026 |
| Box Elder | 36,485 | 42,745 | 36,509 | 39,260 | 42,860 | 43,245 | 43,812 | 44,022 | 44,654 | 45,304 | 45,987 | 47,491 | 48,712 | 49,421 |
| Cache | 70,183 | 91,391 | 70,560 | 82,095 | 91,897 | 93,372 | 95,460 | 98,176 | 100,182 | 103,564 | 105,671 | 109,022 | 111,841 | 114,276 |
| Rich | 1,725 | 1,961 | 1,728 | 1,840 | 1,955 | 1,983 | 2,050 | 2,079 | 2,069 | 2,062 | 2,121 | 2,162 | 2,278 | 2,329 |
| Central Utah | 52,294 | 66,192 | 52,383 | 60,034 | 66,506 | 67,721 | 69,069 | 69,731 | 70,295 | 71,120 | 72,236 | 73,994 | 75,252 | 76,483 |
| Juab | 5,817 | 8,238 | 5,831 | 7,236 | 8,310 | 8,570 | 8,643 | 8,713 | 8,826 | 8,974 | 9,315 | 9,654 | 10,039 | 10,191 |
| Millard | 11,333 | 12,405 | 11,333 | 12,266 | 12,461 | 12,486 | 12,760 | 13,068 | 13,127 | 13,171 | 13,230 | 13,414 | 13,550 | 13,702 |
| Piute | 1,277 | 1,435 | 1,267 | 1,331 | 1,436 | 1,404 | 1,409 | 1,358 | 1,366 | 1,368 | 1,373 | 1,385 | 1,447 | 1,479 |
| Sanpete | 16,259 | 22,763 | 16,355 | 19,990 | 22,846 | 23,572 | 24,521 | 24,787 | 25,043 | 25,454 | 25,799 | 26,464 | 26,960 | 27,646 |
| Sevier | 15,431 | 18,842 | 15,434 | 16,936 | 18,938 | 19,180 | 19,232 | 19,318 | 19,415 | 19,649 | 19,984 | 20,442 | 20,619 | 20,773 |
| Wayne | 2,177 | 2,509 | 2,163 | 2,275 | 2,515 | 2,509 | 2,504 | 2,487 | 2,518 | 2,504 | 2,535 | 2,635 | 2,637 | 2,692 |
| Davis | 187,941 | 238,994 | 188,471 | 216,053 | 240,204 | 246,744 | 255,099 | 262,038 | 268,916 | 278,278 | 286,547 | 296,029 | 301,915 | 307,656 |
| Salt Lake | 725,956 | 898,387 | 728,298 | 827,337 | 902,777 | 918,279 | 927,564 | 940,465 | 955,166 | 978,285 | 996,374 | 1,018,904 | 1,030,519 | 1,042,125 |
| Southeastern | 49,801 | 54,180 | 49,537 | 52,266 | 54,075 | 52,817 | 53,082 | 52,739 | 52,842 | 53,226 | 53,613 | 54,123 | 54,983 | 55,752 |
| Carbon | 20,228 | 20,422 | 20,169 | 19,965 | 20,396 | 19,858 | 19,858 | 19,558 | 19,385 | 19,338 | 19,504 | 19,730 | 19,841 | 19,768 |
| Emery | 10,332 | 10,860 | 10,329 | 10,683 | 10,782 | 10,473 | 10,540 | 10,477 | 10,493 | 10,491 | 10,438 | 10,461 | 10,610 | 10,848 |
| Grand | 6,620 | 8,485 | 6,591 | 7,822 | 8,537 | 8,423 | 8,468 | 8,464 | 8,611 | 8,826 | 9,024 | 9,125 | 9,326 | 9,493 |
| San Juan | 12,621 | 14,413 | 12,448 | 13,796 | 14,360 | 14,063 | 14,216 | 14,240 | 14,353 | 14,571 | 14,647 | 14,807 | 15,206 | 15,643 |
| Southwest | 83,263 | 140,919 | 83,800 | 116,297 | 142,006 | 149,308 | 156,714 | 164,080 | 173,230 | 185,779 | 195,817 | 203,499 | 209,281 | 210,756 |
| Beaver | 4,765 | 6,005 | 4,782 | 5,672 | 6,023 | 6,198 | 6,285 | 6,285 | 6,308 | 6,341 | 6,428 | 6,466 | 6,523 | 6,576 |
| Garfield | 3,980 | 4,735 | 3,970 | 4,361 | 4,763 | 4,630 | 4,599 | 4,532 | 4,625 | 4,703 | 4,772 | 4,872 | 5,044 | 5,149 |
| Iron | 20,789 | 33,779 | 20,910 | 27,507 | 34,079 | 35,541 | 36,122 | 37,559 | 38,925 | 41,397 | 43,424 | 44,813 | 46,341 | 46,825 |
| Kane | 5,169 | 6,046 | 5,150 | 5,844 | 6,037 | 6,037 | 5,958 | 5,937 | 6,056 | 6,211 | 6,294 | 6,440 | 6,663 | 6,740 |
| Washington | 48,560 | 90,354 | 48,988 | 72,913 | 91,104 | 96,902 | 103,750 | 109,767 | 117,316 | 127,127 | 134,899 | 140,908 | 144,710 | 145,466 |
| Summit | 15,518 | 29,736 | 15,690 | 23,630 | 30,048 | 31,279 | 32,236 | 34,073 | 35,090 | 36,283 | 36,871 | 38,412 | 39,951 | 40,451 |
| Tooele | 26,601 | 40,735 | 26,581 | 30,179 | 41,549 | 44,425 | 47,019 | 48,956 | 50,075 | 52,133 | 54,375 | 56,536 | 58,214 | 59,117 |
| TriCounty | 35,546 | 40,516 | 35,536 | 38,813 | 40,627 | 41,639 | 41,756 | 41,638 | 42,111 | 43,083 | 44,281 | 45,938 | 48,175 | 49,647 |
| Daggett | 690 | 921 | 706 | 794 | 933 | 944 | 916 | 921 | 954 | 963 | 949 | 969 | 964 | 988 |
| Duchesne | 12,645 | 14,371 | 12,600 | 13,501 | 14,397 | 14,646 | 14,856 | 14,698 | 14,933 | 15,237 | 15,585 | 16,163 | 16,765 | 17,368 |
| Uintah | 22,211 | 25,224 | 22,230 | 24,518 | 25,297 | 26,049 | 25,984 | 26,019 | 26,224 | 26,883 | 27,747 | 28,806 | 30,446 | 31,291 |
| Utah County | 263,590 | 368,536 | 265,766 | 310,334 | 371,894 | 390,447 | 405,977 | 423,286 | 437,627 | 456,073 | 475,425 | 501,447 | 519,632 | 531,442 |
| Wasatch | 10,089 | 15,215 | 10,134 | 12,576 | 15,433 | 16,278 | 17,476 | 18,515 | 19,177 | 19,999 | 21,053 | 21,951 | 22,845 | 23,428 |
| Weber-Morgan | 163,858 | 203,662 | 164,234 | 184,507 | 204,722 | 208,115 | 211,016 | 213,820 | 217,796 | 222,200 | 224,758 | 230,046 | 234,181 | 237,206 |
| Morgan | 5,528 | 7,129 | 5,561 | 6,416 | 7,181 | 7,548 | 7,639 | 7,938 | 8,249 | 8,516 | 8,888 | 9,265 | 9,645 | 9,947 |
| Weber | 158,330 | 196,533 | 158,673 | 178,091 | 197,541 | 200,567 | 203,377 | 205,882 | 209,547 | 213,684 | 215,870 | 220,781 | 224,536 | 227,259 |

Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.
Source for population data for years 1940-2008: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB); Table: Total population by county: 1940-2008; website: http://www.governor.utah.gov/dea/UPEC/All UPECData081120.xls. (UPEC data is July 1 of the calendar year).
Source for 1990 and 2000 Census population: Demographic and Economic Analysis section, Governor's Office of Planning and Budget; Table: "Revised population estimates;" Utah Data Guide; Autumn 2001.

## Table 6. Population density by land area (frontier, rural and urban) and county of residence: Utah, 2009

| Land area and county | Area in square miles | Estimated population July 1, 2009 | Population density per sq mi |
|---|---|---|---|
| Total | 84,898.83 | 2,800,089 | 33.0 |
| Frontier | 46,529.45 | 103,198 | 2.2 |
| Garfield | 5,208.20 | 5,149 | 1.0 |
| Wayne | 2,466.47 | 2,692 | 1.1 |
| Daggett | 723.06 | 988 | 1.4 |
| Kane | 4,108.42 | 6,740 | 1.6 |
| Piute | 765.76 | 1,479 | 1.9 |
| Millard | 6,828.01 | 13,702 | 2.0 |
| San Juan | 7,933.09 | 15,643 | 2.0 |
| Rich | 1,086.29 | 2,329 | 2.1 |
| Emery | 4,461.54 | 10,848 | 2.4 |
| Beaver | 2,592.28 | 6,576 | 2.5 |
| Grand | 3,694.08 | 9,493 | 2.6 |
| Juab | 3,406.28 | 10,191 | 3.0 |
| Duchesne | 3,255.97 | 17,368 | 5.3 |
| Rural | 34,127.47 | 588,409 | 17.2 |
| Uintah | 4,498.98 | 31,291 | 7.0 |
| Box Elder | 6,729.03 | 49,421 | 7.3 |
| Tooele | 7,287.12 | 59,117 | 8.1 |
| Sevier | 1,918.28 | 20,773 | 10.8 |
| Carbon | 1,484.57 | 19,768 | 13.3 |
| Iron | 3,301.84 | 46,825 | 14.2 |
| Morgan | 610.79 | 9,947 | 16.3 |
| Sanpete | 1,602.66 | 27,646 | 17.3 |
| Wasatch | 1,209.17 | 23,428 | 19.4 |
| Summit | 1,882.05 | 40,451 | 21.5 |
| Washington | 2,429.91 | 145,466 | 59.9 |
| Cache | 1,173.07 | 114,276 | 97.4 |
| Urban | 4,241.92 | 2,108,482 | 497.1 |
| Utah County | 2,140.98 | 531,442 | 248.2 |
| Weber | 659.46 | 227,259 | 344.6 |
| Davis | 633.70 | 307,656 | 485.5 |
| Salt Lake | 807.78 | 1,042,125 | 1,290.1 |

Frontier counties are six or fewer persons per square mile.
Rural counties are more than six but less than 100 persons per square mile.
Urban counties are one hundred or more persons per square mile.
Definitions for population densities for frontier, rural and urban areas are defined by the Office of Vital Records and Statistics, Utah Department of Health.
Source for Land Area: U.S. Census Bureau; Table: "GCT-PH1-R. Population, Housing Units, Area, and Density (geographies ranked by total population): 2000"; Data Set: Census 2000 Summary File 1 (SF1) 100-Percent Data; Data sets with Geographic Comparison Tables website http://factfinder.census.gov/, download July 28, 2006.
Source for population data for years 1940-2008: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB); Table: Total population by county: 1940-2008; website:
http://www.governor.utah.gov/dea/UPEC/All UPECData081120.xls.
(UPEC data is July 1 of the calendar year).

## Table 7. Population, births and deaths by land area of residence: Utah, 2009

| Land Areas | Estimated population July 1, 2007 | Births | | Deaths | | |
|---|---|---|---|---|---|---|
| | | Number | Rate | Number | Rate | Age-adjusted rate |
| Total | 2,800,089 | 53,849 | 19.2 | 14,010 | 500.3 | 654.6 |
| Frontier | 103,198 | 1,806 | 17.5 | 718 | 695.7 | 697.8 |
| Rural | 588,409 | 10,870 | 18.5 | 3,196 | 543.2 | 591.1 |
| Urban | 2,108,482 | 41,173 | 19.5 | 10,095 | 478.8 | 679.7 |

One death in the total is not distributed.
Rates for births are per 1,000 population.
Crude rates for deaths are per 1,000 population.
Age-adjusted rates for deaths are per 100,000 population.
Frontier counties are six or fewer persons per square mile.
Rural counties are more than six but less than 100 persons per square mile.
Urban counties are one hundred or more persons per square mile.
Definitions for population densities for frontier, rural, and urban areas are defined by the Office of Vital Records and Statistics, Utah Department of Health.

## Table 8. Infant mortality total, neonatal and postneonatal by land area of residence: Utah, 2009

| Land Areas | Total | | Neonatal deaths (0-27 days) | | Postneonatal deaths (28-364 days) | |
|---|---|---|---|---|---|---|
| | Number | Rate | Number | Rate | Number | Rate |
| Total | 285 | 5.3 | 209 | 3.9 | 76 | 1.4 |
| Frontier | 6 | 3.3 | 4 | 2.2 | 2 | 1.1 |
| Rural | 55 | 5.1 | 40 | 3.7 | 15 | 1.4 |
| Urban | 224 | 5.4 | 165 | 4.0 | 59 | 1.4 |

Rates for infant deaths, and neonatal, and postneonatal deaths are per 1,000 live births.
Frontier counties are six or fewer persons per square mile.
Rural counties are more than six but less than 100 persons per square mile.
Urban counties are one hundred or more persons per square mile.
Definitions for population densities for frontier, rural, and urban areas are defined by the Office of Vital Records and Statistics, Utah Department of Health.

## Table 9. Fetal deaths, low-weight births, births to unmarried mothers and abortions by land area of residence: Utah, 2009

| Land Areas | Fetal deaths | | Low birthweight <2,500 grams | | Unmarried mothers | | Induced abortions | |
|---|---|---|---|---|---|---|---|---|
| | Number | Ratio | Number | Rate | Number | Rate | Number | Rate |
| Total | 297 | 5.5 | 3,777 | 70.1 | 10,486 | 194.7 | 3,270 | 60.7 |
| Frontier | 8 | 4.4 | 133 | 73.6 | 466 | 258.0 | 31 | 17.2 |
| Rural | 58 | 5.3 | 778 | 71.6 | 2,020 | 185.8 | 340 | 31.3 |
| Urban | 228 | 5.5 | 2,866 | 69.6 | 8,000 | 194.3 | 2,899 | 70.4 |

Three fetal deaths in the total are not distributed.
Ratios for fetal deaths and rates for low birthweight, unmarried mothers, and induced abortions are per 1,000 live births.
Frontier counties are six or fewer persons per square mile.
Rural counties are more than six but less than 100 persons per square mile.
Urban counties are one hundred or more persons per square mile.
Definitions for population densities for frontier, rural, and urban areas are defined by the Office of Vital Records and Statistics, Utah Department of Health.

## Table 10. Female population, births and fertility rates, resident females 15-44 years of age: Utah and United States, 1970-2009

| | Utah | | | | U. S. | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Total | | White | |
| Year | Female population ages 15-44 | Live births | General fertility rate | Percent change | General fertility rate | Percent change | General fertility rate | Percent change |
| 1970 | 231,158 | 26,969 | 116.7 | - - | 87.9 | - - | 84.1 | - - |
| 1971 | 241,087 | 27,552 | 114.3 | -2.0 | 81.6 | -7.2 | 77.3 | -8.1 |
| 1972 | 250,730 | 26,911 | 107.3 | -6.1 | 73.1 | -10.4 | 68.9 | -10.9 |
| 1973 | 260,323 | 27,978 | 107.5 | 0.1 | 68.8 | -5.9 | 64.9 | -5.8 |
| 1974 | 268,583 | 29,946 | 111.5 | 3.7 | 67.8 | -1.5 | 64.2 | -1.1 |
| 1975 | 278,826 | 31,667 | 113.6 | 1.9 | 66.0 | -2.7 | 62.5 | -2.6 |
| 1976 | 289,417 | 35,310 | 122.0 | 7.4 | 65.0 | -1.5 | 61.5 | -1.6 |
| 1977 | 301,159 | 37,956 | 126.0 | 3.3 | 66.8 | 2.8 | 63.2 | 2.8 |
| 1978 | 313,892 | 38,811 | 123.6 | -1.9 | 65.5 | -1.9 | 61.7 | -2.4 |
| 1979 | 327,658 | 41,078 | 125.4 | 1.4 | 67.2 | 2.6 | 63.4 | 2.8 |
| 1980 | 342,817 | 41,786 | 123.0 | -1.9 | 68.4 | 1.8 | 65.6 | 3.5 |
| 1981 | 354,104 | 41,286 | 117.4 | -4.5 | 67.3 | -1.6 | 64.8 | -1.2 |
| 1982 | 364,805 | 41,537 | 115.0 | -2.0 | 67.3 | 0.0 | 64.8 | 0.0 |
| 1983 | 373,353 | 39,441 | 106.9 | -7.1 | 65.7 | -2.4 | 63.4 | -2.2 |
| 1984 | 380,038 | 38,286 | 102.2 | -4.4 | 65.5 | -0.3 | 63.2 | -0.3 |
| 1985 | 385,335 | 37,441 | 98.8 | -3.3 | 66.3 | 1.2 | 64.1 | 1.4 |
| 1986 | 390,531 | 36,383 | 95.0 | -3.8 | 65.4 | -1.4 | 63.1 | -1.6 |
| 1987 | 392,732 | 35,285 | 91.5 | -3.7 | 65.8 | 0.6 | 63.3 | 0.3 |
| 1988 | 392,274 | 36,040 | 92.9 | 1.6 | 67.3 | 2.3 | 64.5 | 1.9 |
| 1989 | 392,606 | 35,558 | 90.6 | -2.2 | 69.2 | 2.8 | 66.4 | 2.9 |
| 1990 | 395,807 | 36,253 | 91.6 | 1.1 | 70.9 | 2.5 | 68.3 | 2.9 |
| 1991 | 411,839 | 36,019 | 87.5 | -4.4 | 69.3 | -2.3 | 66.7 | -2.3 |
| 1992 | 428,353 | 37,198 | 86.8 | 0.1 | 68.4 | -1.3 | 66.1 | -0.9 |
| 1993 | 443,618 | 37,048 | 83.5 | -3.4 | 67.0 | -2.0 | 64.9 | -1.8 |
| 1994 | 460,914 | 38,271 | 83.0 | -0.1 | 65.9 | -1.6 | 64.2 | -1.1 |
| 1995 | 475,165 | 39,554 | 83.2 | 0.5 | 64.6 | -2.0 | 63.6 | -0.9 |
| 1996 | 488,404 | 42,056 | 86.1 | 3.7 | 64.1 | -0.8 | 63.3 | -0.5 |
| 1997 | 502,401 | 43,009 | 85.6 | 0.0 | 63.6 | -0.8 | 62.8 | -0.8 |
| 1998 | 510,715 | 45,128 | 88.4 | 3.7 | 64.3 | 1.1 | 63.6 | 1.3 |
| 1999 | 529,259 | 46,243 | 88.9 | 1.3 | 64.4 | 0.2 | 64.0 | 0.6 |
| 2000 | 528,501 | 47,331 | 89.6 | -3.6 | 65.9 | 2.3 | 65.3 | 2.0 |
| 2001 | 539,349 | 47,915 | 88.7 | -0.7 | 65.3 | -0.9 | 65.0 | -0.5 |
| 2002 | 547,717 | 49,140 | 89.6 | 1.1 | 64.8 | -0.8 | 64.8 | -0.3 |
| 2003 | 556,239 | 49,834 | 89.4 | 0.0 | 66.1 | 2.0 | 66.1 | 2.0 |
| 2004 | 564,777 | 50,653 | 89.5 | 0.2 | 66.3 | 0.3 | 66.1 | 0.0 |
| 2005 | 579,316 | 51,517 | 88.7 | 0.1 | 66.7 | 0.6 | 66.3 | 0.3 |
| 2006 | 590,655 | 53,475 | 90.4 | 0.4 | 68.5 | 2.7 | 68.0 | 2.6 |
| 2007 | 606,453 | 55,063 | 90.7 | 3.6 | 69.5 | 1.5 | 68.8 | 1.2 |
| 2008 | 314,495 | 55,605 | 89.3 | -1.6 | N.A. | N.A. | N.A. | N.A. |
| 2009 | 618,639 | 53,849 | 84.7 | -5.2 | N.A. | N.A. | N.A. | N.A. |

General fertility rates are number of live births per 1,000 females 15-44 years of age.
General fertility rates prior to 1980 are tabulated by race of child.
Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.
Source for Utah female population 15-44 years of age for years 2000-2009: The Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB), Estimates for Counties by Sex and Single Year of Age. For more information, go to http://www.governor.utah.gov/dea/demographics.html.
Data issues: The current population estimates for intercensal years 2001-2009 were produced by the UPEC and the GOPB, and are considered to be more accurate than those produced by the U.S. Bureau of the Census because they are based on specialized local information including school enrollment, building activity, and Medicare enrollment. This revision that includes Medicare enrollment added about 5% to the 65 and over age group, and subtracted about 2% from the under 65 age group.
Source for Utah population data by age for years 1990-1999: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB), 2008 Baseline Economic and Demographic Projections.
Source for U.S. general fertility rates for specified data years 1940-1955 and each year, 1960-2007; National Center for Health Statistics, Centers for Disease Control; Table 1. Live births, birth rates, and fertility rates by race: united states, specified years 1940-1955 and each year, 1960-2007; National Vital Statistics Reports, Births: Final Data for 2007, Vol. 58, No. 24, August 9, 2010.

## Table 11. Gender ratios, number of male births per 100 female births, residents: Utah and United States, 1960 and 1965-2009

| | Birth gender ratio | |
|---|---|---|
| Year | Utah residents | U.S. residents |
| 1960 | 105.1 | 104.9 |
| 1965 | 105.7 | 105.1 |
| 1966 | 105.9 | 104.9 |
| 1967 | 105.9 | 105.0 |
| 1968 | 104.9 | 105.3 |
| 1969 | 105.1 | 105.3 |
| 1970 | 106.2 | 105.5 |
| 1971 | 105.0 | 105.2 |
| 1972 | 103.1 | 105.1 |
| 1973 | 104.6 | 105.2 |
| 1974 | 103.6 | 105.5 |
| 1975 | 104.5 | 105.4 |
| 1976 | 106.3 | 105.3 |
| 1977 | 105.6 | 105.3 |
| 1978 | 105.1 | 105.3 |
| 1979 | 105.8 | 105.2 |
| 1980 | 105.5 | 105.3 |
| 1981 | 105.4 | 105.2 |
| 1982 | 105.0 | 105.1 |
| 1983 | 106.3 | 105.2 |
| 1984 | 106.0 | 105.0 |
| 1985 | 105.3 | 105.2 |
| 1986 | 105.3 | 105.1 |
| 1987 | 104.1 | 105.0 |
| 1988 | 104.9 | 105.0 |
| 1989 | 106.7 | 105.0 |
| 1990 | 105.0 | 105.0 |
| 1991 | 106.3 | 104.6 |
| 1992 | 104.7 | 105.0 |
| 1993 | 107.2 | 105.0 |
| 1994 | 106.8 | 104.8 |
| 1995 | 104.1 | 104.9 |
| 1996 | 107.7 | 104.7 |
| 1997 | 105.4 | 104.8 |
| 1998 | 103.8 | 104.7 |
| 1999 | 107.0 | 104.9 |
| 2000 | 106.0 | 104.8 |
| 2001 | 105.9 | 104.6 |
| 2002 | 104.8 | 104.8 |
| 2003 | 104.0 | 104.9 |
| 2004 | 104.7 | 104.8 |
| 2005 | 105.6 | 104.9 |
| 2006 | 107.4 | 104.9 |
| 2007 | 106.0 | 104.7 |
| 2008 | 105.2 | N.A. |
| 2009 | 104.7 | N.A. |

Source for U.S. sex ratio for 2007: National Center for Health Statistics, Centers for Disease Control; Table 15: "Total number of births, rates (birth, fertility, and total fertility), and selected demographic characteristics, by Hispanic origin of mother and by race for mothers of non-Hispanic origin: United States, 2007;" Births: Final data for 2007, Vol. 58, No. 24, August 9, 2009; National Vital Statistics Report series.
Source for 2003-2006 U.S. sex ratios: National Center for Health Statistics, Centers for disease Control; Births: Final data for (year); National Vital Statistics Report series.
Source for U.S. sex ratios: National Center for Health Statistics, Centers for Disease Control; Table 1: "Number of male and female births, sex ratio at birth, and number of excess males: United States, 1940-2002;" Trend Analysis of the Sex Ratio at Birth in the United States, Vol. 53, No. 20; National Vital Statistics Report series; June 14, 2005.

## Table 12. Low birthweight percent (less than 2,500 grams) by race, residents: Utah and United States, 1970-2009

| | Utah | Utah | | | United States | | |
|---|---|---|---|---|---|---|---|
| Year | Total | White | Black | Other | Total | White | Black |
| Race of Child: | | | | | | | |
| 1970 | 6.5 | 6.5 | 12.9 | 8.3 | 7.9 | 6.8 | 13.9 |
| 1975 | 5.3 | 5.3 | 13.8 | 5.6 | 7.4 | 6.3 | 13.1 |
| 1976 | 5.4 | 5.3 | 14.0 | 6.1 | 7.3 | 9.1 | 13.0 |
| 1977 | 5.2 | 5.2 | 13.3 | 5.6 | 7.1 | 5.9 | 12.8 |
| 1978 | 5.6 | 5.6 | 7.3 | 5.4 | 7.1 | 5.9 | 12.9 |
| 1979 | 5.6 | 5.5 | 11.2 | 5.9 | 6.9 | 5.8 | 12.6 |
| 1980 | 5.3 | 5.2 | 9.6 | 5.5 | 6.8 | 5.7 | 12.5 |
| 1981 | 5.4 | 5.4 | 8.7 | 5.8 | 6.8 | 5.7 | 12.7 |
| 1982 | 5.6 | 5.5 | 11.4 | 6.8 | 6.8 | 5.6 | 12.6 |
| 1983 | 5.6 | 5.5 | 10.3 | 6.5 | 6.8 | 5.7 | 12.8 |
| 1984 | 5.6 | 5.4 | 10.1 | 8.5 | 6.7 | 5.6 | 12.6 |
| 1985 | 5.7 | 5.6 | 10.4 | 6.0 | 6.8 | 5.7 | 12.6 |
| 1986 | 5.4 | 5.3 | 9.3 | 6.3 | 6.8 | 5.7 | 12.8 |
| 1987 | 5.7 | 5.6 | 10.6 | 7.0 | 6.9 | 5.7 | 13.0 |
| 1988 | 5.7 | 5.6 | 11.8 | 6.9 | 6.9 | 5.7 | 13.3 |
| 1989 | 5.7 | 5.6 | 10.8 | 5.4 | 7.0 | 5.6 | 13.6 |
| Race of Mother: | | | | | | | |
| 1990 | 5.7 | 5.7 | 12.8 | 5.6 | 7.0 | 5.6 | 13.3 |
| 1991 | 6.0 | 6.0 | 14.0 | 5.9 | 7.1 | 5.7 | 13.6 |
| 1992 | 5.6 | 5.6 | 9.1 | 6.0 | 7.1 | 5.7 | 13.4 |
| 1993 | 5.9 | 5.9 | 9.0 | 7.4 | 7.2 | 5.9 | 13.4 |
| 1994 | 5.9 | 5.9 | 10.1 | 5.2 | 7.3 | 6.1 | 13.3 |
| 1995 | 6.3 | 6.2 | 10.6 | 7.2 | 7.3 | 6.2 | 13.2 |
| 1996 | 6.6 | 6.6 | 11.9 | 7.1 | 7.4 | 6.4 | 13.1 |
| 1997 | 6.6 | 6.5 | 14.2 | 7.6 | 7.5 | 6.5 | 13.1 |
| 1998 | 6.8 | 6.7 | 14.6 | 7.6 | 7.6 | 6.6 | 13.2 |
| 1999 | 6.8 | 6.9 | 14.8 | 7.3 | 7.6 | 6.6 | 13.2 |
| 2000 | 6.6 | 6.5 | 12.2 | 5.9 | 7.6 | 6.6 | 13.1 |
| 2001 | 6.4 | 6.5 | 10.8 | 6.6 | 7.7 | 6.8 | 13.1 |
| 2002 | 6.4 | 6.3 | 14.7 | 7.7 | 7.8 | 6.9 | 13.4 |
| 2003 | 6.6 | 6.5 | 16.4 | 7.0 | 7.9 | 7.0 | 13.6 |
| 2004 | 6.6 | 6.5 | 11.4 | 8.4 | 8.1 | 7.2 | 13.7 |
| 2005 | 6.8 | 6.7 | 9.6 | 7.9 | 8.2 | 7.3 | 14.0 |
| 2006 | 6.9 | 6.8 | 11.3 | 8.4 | 8.3 | 7.3 | 14.0 |
| 2007 | 6.7 | 6.6 | 9.9 | 7.8 | 8.2 | 7.3 | 13.9 |
| 2008 | 6.8 | 6.7 | 13.0 | 8.0 | N.A. | N.A. | N.A. |
| 2009 | 7.0 | 6.7 | 9.0 | 7.9 | N.A. | N.A. | N.A. |

Births are tabulated by race of mother beginning in data year 1990. Previous years are tabulated by race of child.
Low birthweight is defined, effective January 1, 1979, as "less than 2,500 grams" (or 5 pounds 8 ounces). This definition was changed in the ninth revision of the International Classification of Disease (ICD-9), 1978.
Source for U.S. low birthweight birth rates for data years 1989-2007: National Center for Health Statistics, Centers for Disease Control; Table 33. "Percentage of live births very preterm and preterm and percentage of live births of very low birthweight and low birthweight, by race and Hispanic origin of mother: United States 1981-2007, "Births: Final Data for 2007, Vol. 58, No. 24, August 9, 2010; National Vital Statistics Report series. Sources for other data years are previous issues of the National Vital Statistics series and the Monthly Vital Statistics series.

## Table 13. Births to unmarried mothers by age of mother, residents: Utah, 1975-2009

| | | Age of mother | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Year | Total | Under 15 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 and Over | Un-Known |
| 1975 | 1,321 | 32 | 642 | 439 | 136 | 48 | 18 | 3 | 0 | 3 |
| 1976 | 1,493 | 20 | 735 | 479 | 168 | 65 | 21 | 4 | 0 | 1 |
| 1977 | 1,806 | 30 | 880 | 584 | 211 | 73 | 22 | 2 | 1 | 3 |
| 1978 | 2,160 | 28 | 997 | 732 | 274 | 89 | 30 | 9 | 1 | 0 |
| 1979 | 2,316 | 18 | 1,061 | 784 | 295 | 116 | 35 | 5 | 1 | 1 |
| 1980 | 2,605 | 28 | 1,163 | 894 | 344 | 128 | 42 | 5 | 0 | 1 |
| 1981 | 2,694 | 29 | 1,094 | 1,005 | 385 | 136 | 36 | 7 | 1 | 1 |
| 1982 | 2,899 | 27 | 1,150 | 1,046 | 433 | 163 | 70 | 10 | 0 | 0 |
| 1983 | 2,962 | 22 | 1,120 | 1,077 | 464 | 196 | 68 | 15 | 0 | 0 |
| 1984 | 2,958 | 19 | 1,093 | 1,056 | 505 | 200 | 70 | 14 | 1 | 0 |
| 1985 | 3,259 | 23 | 1,181 | 1,186 | 543 | 217 | 89 | 8 | 1 | 11 |
| 1986 | 3,569 | 28 | 1,323 | 1,306 | 599 | 218 | 86 | 9 | 0 | 0 |
| 1987 | 3,919 | 26 | 1,484 | 1,313 | 710 | 270 | 100 | 16 | 0 | 0 |
| 1988 | 4,218 | 26 | 1,572 | 1,428 | 762 | 314 | 96 | 20 | 0 | 0 |
| 1989 | 4,502 | 31 | 1,657 | 1,543 | 801 | 330 | 112 | 23 | 0 | 5 |
| 1990 | 4,886 | 38 | 1,769 | 1,671 | 830 | 409 | 128 | 28 | 4 | 9 |
| 1991 | 5,196 | 37 | 1,911 | 1,845 | 815 | 408 | 149 | 28 | 2 | 1 |
| 1992 | 5,631 | 48 | 2,044 | 2,007 | 884 | 432 | 181 | 32 | 0 | 3 |
| 1993 | 5,721 | 40 | 2,209 | 1,956 | 842 | 453 | 175 | 36 | 1 | 9 |
| 1994 | 6,001 | 47 | 2,294 | 2,075 | 894 | 475 | 178 | 31 | 3 | 4 |
| 1995 | 6,215 | 53 | 2,442 | 2,070 | 946 | 477 | 194 | 31 | 2 | 0 |
| 1996 | 6,798 | 42 | 2,578 | 2,323 | 1,088 | 497 | 220 | 45 | 1 | 4 |
| 1997 | 7,121 | 54 | 2,697 | 2,458 | 1,076 | 542 | 238 | 51 | 0 | 5 |
| 1998 | 7,722 | 50 | 2,716 | 2,831 | 1,216 | 563 | 277 | 62 | 2 | 5 |
| 1999 | 7,699 | 39 | 2,592 | 2,863 | 1,271 | 599 | 266 | 65 | 2 | 2 |
| 2000 | 8,175 | 35 | 2,588 | 3,118 | 1,459 | 631 | 288 | 53 | 2 | 1 |
| 2001 | 8,322 | 31 | 2,420 | 3,302 | 1,516 | 715 | 260 | 71 | 4 | 3 |
| 2002 | 8,469 | 33 | 2,320 | 3,413 | 1,606 | 736 | 292 | 66 | 1 | 2 |
| 2003 | 8,580 | 25 | 2,181 | 3,496 | 1,708 | 764 | 307 | 92 | 5 | 2 |
| 2004 | 8,831 | 29 | 2,160 | 3,456 | 1,915 | 868 | 317 | 82 | 4 | 0 |
| 2005 | 9,101 | 47 | 2,156 | 3,540 | 1,963 | 920 | 373 | 93 | 6 | 3 |
| 2006 | 10,063 | 26 | 2,464 | 3,850 | 2,222 | 983 | 423 | 90 | 5 | 0 |
| 2007 | 10,809 | 26 | 2,721 | 4,015 | 2,376 | 1,110 | 439 | 112 | 10 | 0 |
| 2008 | 11,324 | 32 | 2,799 | 4,171 | 2,570 | 1,164 | 474 | 106 | 6 | 2 |
| 2009 | 10,486 | 32 | 2,462 | 3,874 | 2,296 | 1,207 | 498 | 111 | 4 | 2 |

## Table 14. Birth rates to unmarried mothers per 1,000 live births by age of mother, residents: Utah, 1975-2009

| | | Age of mother | | | | | |
|---|---|---|---|---|---|---|---|
| Year | Total | Under 15 | 15-19 | 20-24 | 25-29 | 30-34 | 35 and over |
| 1975 | 41.7 | 780.5 | 171.8 | 35.9 | 14.4 | 11.0 | 11.6 |
| 1976 | 42.3 | 689.7 | 188.4 | 35.6 | 15.5 | 13.0 | 12.2 |
| 1977 | 47.6 | 857.1 | 207.9 | 40.7 | 18.4 | 12.9 | 11.4 |
| 1978 | 55.7 | 717.9 | 227.8 | 50.8 | 23.7 | 14.9 | 16.5 |
| 1979 | 56.4 | 642.9 | 233.5 | 51.8 | 23.8 | 18.3 | 15.6 |
| 1980 | 62.3 | 777.8 | 255.0 | 57.9 | 27.6 | 19.5 | 17.3 |
| 1981 | 65.3 | 852.9 | 249.0 | 67.2 | 30.7 | 20.2 | 16.7 |
| 1982 | 69.8 | 843.8 | 273.0 | 71.0 | 33.7 | 23.8 | 27.9 |
| 1983 | 75.1 | 666.7 | 308.5 | 80.3 | 37.1 | 28.1 | 28.7 |
| 1984 | 77.3 | 904.8 | 330.7 | 82.6 | 40.8 | 29.0 | 29.5 |
| 1985 | 87.0 | 884.6 | 359.4 | 98.2 | 44.5 | 30.9 | 35.1 |
| 1986 | 98.0 | 933.3 | 392.2 | 114.5 | 49.7 | 32.2 | 34.6 |
| 1987 | 111.1 | 963.0 | 448.3 | 124.2 | 60.3 | 39.5 | 42.0 |
| 1988 | 117.0 | 866.7 | 473.4 | 135.0 | 63.2 | 43.9 | 39.8 |
| 1989 | 126.6 | 861.1 | 474.5 | 145.9 | 70.1 | 46.7 | 45.9 |
| 1990 | 134.8 | 926.8 | 481.1 | 154.4 | 73.0 | 56.3 | 52.5 |
| 1991 | 144.3 | 840.9 | 500.0 | 165.2 | 75.2 | 58.8 | 56.2 |
| 1992 | 151.4 | 923.1 | 528.7 | 174.3 | 80.3 | 58.8 | 62.7 |
| 1993 | 154.2 | 888.9 | 560.9 | 168.0 | 78.8 | 61.2 | 63.9 |
| 1994 | 156.8 | 979.2 | 567.3 | 174.1 | 79.0 | 64.1 | 60.3 |
| 1995 | 157.1 | 929.8 | 578.8 | 167.6 | 79.6 | 63.6 | 64.1 |
| 1996 | 161.6 | 933.3 | 582.1 | 176.5 | 83.3 | 65.7 | 70.7 |
| 1997 | 165.6 | 964.3 | 600.1 | 180.4 | 82.3 | 69.3 | 74.0 |
| 1998 | 171.1 | 961.5 | 619.4 | 195.8 | 86.0 | 72.5 | 79.1 |
| 1999 | 166.5 | 907.0 | 610.6 | 188.9 | 88.3 | 71.8 | 82.1 |
| 2000 | 172.7 | 921.1 | 624.4 | 202.1 | 97.0 | 74.8 | 81.1 |
| 2001 | 173.7 | 1,000.0 | 623.2 | 210.4 | 100.0 | 80.0 | 79.5 |
| 2002 | 172.3 | 1,000.0 | 648.2 | 215.4 | 99.8 | 79.2 | 83.6 |
| 2003 | 172.2 | 1,000.0 | 659.9 | 222.6 | 101.6 | 79.0 | 93.6 |
| 2004 | 174.3 | 1,000.0 | 673.5 | 227.0 | 108.1 | 87.5 | 88.6 |
| 2005 | 176.7 | 979.2 | 678.2 | 238.8 | 107.1 | 88.0 | 100.8 |
| 2006 | 188.2 | 1,000.0 | 705.4 | 256.8 | 116.4 | 89.0 | 107.0 |
| 2007 | 196.3 | 1,000.0 | 721.9 | 270.9 | 121.5 | 94.1 | 109.8 |
| 2008 | 203.7 | 1,000.0 | 747.4 | 286.3 | 131.0 | 93.7 | 112.4 |
| 2009 | 194.7 | 969.7 | 734.3 | 288.7 | 122.2 | 93.3 | 115.3 |

Unknowns are in the total but are not distributed.

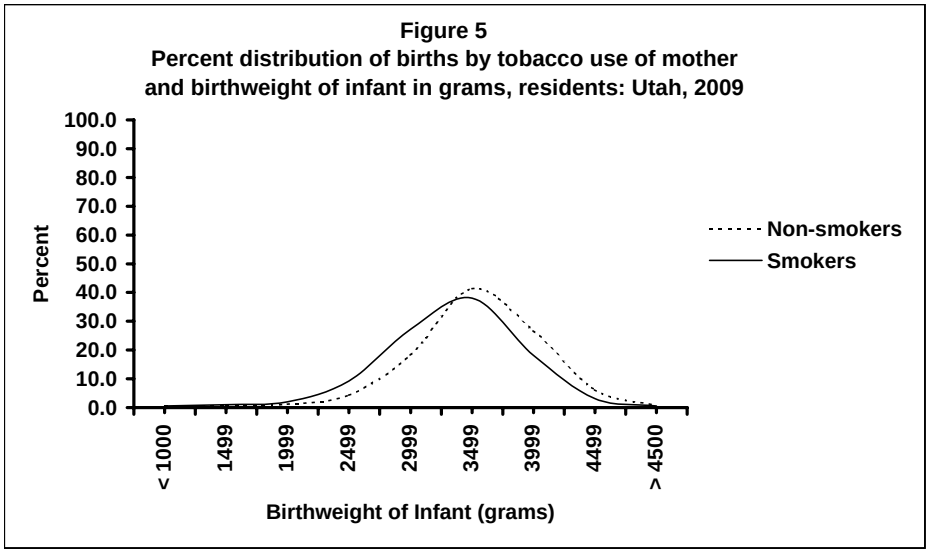



Table 15. Percent distribution of births by tobacco use of mother (average number of cigarettes per day per trimester) and birthweight of infant in grams, residents: Utah, 2009

| Tobacco use by mother | Total | Grams | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Under 1000 | 1000-1499 | 1500-1999 | 2000-2499 | 2500-2999 | 3000-3499 | 3500-3999 | 4000-4499 | 4500 and over | Not stated |
| Total | 100.0 | 0.5 | 0.5 | 1.3 | 4.7 | 18.9 | 41.2 | 26.1 | 6.0 | 0.8 | 0.0 |
| Yes | 100.0 | 0.6 | 1.0 | 2.0 | 9.3 | 27.3 | 38.0 | 18.1 | 3.1 | 0.6 | 0.0 |
| Number of cigarettes | | | | | | | | | | | |
| None | 100.0 | 0.5 | 1.1 | 1.4 | 7.0 | 20.0 | 41.3 | 23.4 | 4.3 | 1.0 | 0.0 |
| 1 to 10 | 100.0 | 1.2 | 1.1 | 1.6 | 7.5 | 24.4 | 40.0 | 19.5 | 3.8 | 0.9 | 0.0 |
| 11 to 20 | 100.0 | 0.3 | 0.8 | 1.5 | 8.5 | 30.8 | 39.3 | 15.9 | 2.3 | 0.5 | 0.0 |
| 21 or more | 100.0 | 0.4 | 1.0 | 3.0 | 12.6 | 33.2 | 33.3 | 14.0 | 2.2 | 0.2 | 0.0 |
| No | 100.0 | 0.5 | 0.5 | 1.2 | 4.4 | 18.3 | 41.4 | 26.7 | 6.2 | 0.8 | 0.0 |
| Unknown | 100.0 | 1.2 | 1.0 | 1.8 | 5.7 | 20.5 | 38.3 | 25.8 | 4.9 | 0.6 | 0.0 |

## (Errata 01/26/2011 ) Table 16. Leading causes of death and death rates: Utah, 2008 and 2009

| Utah 2008 | | | | | Utah 2009 | | | |
|---|---|---|---|---|---|---|---|---|
| Rank | Cause and ICD-10 Code | Number | Rate per 100,000 mid-year population | Age adjusted rate | Rank | Cause and ICD-10 Code | Number | Rate per 100,000 mid-year population | Age adjusted rate |
| | Total | 13,920 | 504.8 | 732.3 | | Total | 14,010 | 500.3 | 654.6 |
| 1. | Diseases of heart (I00-I09, I11, I13, I20-I51) | 2,823 | 102.4 | 151.7 | 1. | Diseases of heart (I00-I09, I11, I13, I20-I51) | 2,785 | 99.5 | 135.5 |
| 2. | Malignant neoplasms (C00-C97) | 2,478 | 89.9 | 124.0 | 2. | Malignant neoplasms (C00-C97) | 2,543 | 90.8 | 119.2 |
| 3. | Unintentional injuries (V01-X59, Y85-Y86) | 834 | 30.2 | 35.3 | 3. | Unintentional injuries (V01-X59, Y85-Y86) | 873 | 31.2 | 35.7 |
| 4. | Cerebrovascular diseases (I60-I69) | 739 | 26.8 | 40.3 | 4. | Cerebrovascular diseases (I60-I69) | 734 | 26.2 | 36.0 |
| 5. | Chronic lower respiratory diseases (J40-J47) | 636 | 23.1 | 33.3 | 5. | Chronic lower respiratory diseases (J40-J47) | 576 | 20.6 | 28.0 |
| 6. | Diabetes mellitus (E10-E14) | 468 | 17.0 | 23.8 | 6. | Diabetes mellitus (E10-E14) | 457 | 16.3 | 21.4 |
| 7. | Alzheimers disease (G30) | 406 | 14.7 | 23.4 | 7. | Alzheimers disease (G30) | 368 | 13.1 | 18.7 |
| 8. | Intentional self-harm (suicide) (*U03, X60-X84, Y87.0) | 384 | 13.9 | 14.8 | 8. | Intentional self-harm (suicide) (*U03, X60-X84, Y87.0) | 443 | 15.8 | 17.0 |
| 9. | Influenza and pneumonia (J10-J18) | 341 | 12.4 | 18.6 | 9. | Influenza and pneumonia (J10-J18) | 328 | 11.7 | 15.5 |
| 10. | Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27) | 212 | 7.7 | 11.2 | 10. | Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27) | 210 | 7.5 | 10.2 |
| 11. | Parkinson's disease (G20-G21) | 178 | 6.5 | 10.0 | 11. | Parkinson's disease (G20-G21) | 173 | 6.2 | 8.8 |
| 12. | Septicemia (A40-A41) | 129 | 4.7 | 6.5 | 12. | Chronic liver disease and cirrhosis (K70, K73-K74) | 151 | 5.4 | 6.8 |
| 13. | Chronic liver disease and cirrhosis (K70, K73-K74) | 127 | 4.6 | 5.8 | 13. | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 118 | 4.2 | 3.5 |
| 14. | Certain conditions originating in the perinatal period (P00-P96) | 118 | 4.3 | 3.0 | 14. | Essential (primary) hypertension and hypertensive renal disease (I10, I12) | 105 | 3.7 | 5.1 |
| 15. | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 112 | 4.1 | 3.6 | 15. | Certain conditions originating in the perinatal period (P00-P96) | 142 | 5.1 | 3.6 |
| | All other causes | 3,935 | 142.7 | 204.4 | | All other causes | 4,004 | 143.0 | -- |

Source for population data for years 2008 and 2009: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB); Table: Total population by county: 1940-2009; website: http://www.governor.utah.gov/dea/UPEC/AII UPECData091201.xls. (UPEC data is July 1 of the calendar year.).

## Table 17. Leading causes of death, death rates, and age adjusted death rates (includes 2006 age adjusted death rates), residents: United States and Utah, 2007

| | U.S. Number, Rate, and Percent of totals | | | | U.S. Age Adjusted Rate | | | Utah Number, Rate, and Percent of totals | | | | Utah Age Adjusted Rate | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rank | Cause and ICD-10 Code | 2007 Number | 2007 Rate | Percent of total deaths | 2007 Rate | 2006 Rate | Rank | Cause and ICD-10 Code | 2007 Number | 2007 Rate | Percent of total deaths | 2007 Rate | 2006 Rate |
| | Total | 2,423,712 | 803.6 | 100.0 | 760.3 | 776.5 | | Total | 13,988 | 518.2 | 100.0 | 732.3 | 725.0 |
| 1. | Diseases of heart (I00-I09, I11, I13, I20-I51) | 616,067 | 204.3 | 25.4 | 190.9 | 200.2 | 1. | Diseases of heart (I00-I09, I11, I13, I20-I51) | 2,958 | 109.6 | 21.1 | 164.2 | 161.9 |
| 2. | Malignant neoplasms (C00-C97) | 562,875 | 186.6 | 23.2 | 177.5 | 188.4 | 2. | Malignant neoplasms (C00-C97) | 2,547 | 94.3 | 18.2 | 131.6 | 139.7 |
| 3. | Cerebrovascular diseases (I60-I69) | 135,952 | 45.1 | 5.6 | 42.2 | 43.6 | 3. | Unintentional injuries (V01-X59, Y85-Y86) | 769 | 28.5 | 5.5 | 33.4 | 29.7 |
| 4. | Chronic lower respiratory diseases (J40-J47) | 127,924 | 42.4 | 5.3 | 40.8 | 40.5 | 4. | Cerebrovascular diseases (I60-I69) | 725 | 26.9 | 5.2 | 40.9 | 37.5 |
| 5. | Unintentional injuries (V01-X59, Y85-Y86) | 123,706 | 41.0 | 5.1 | 40.0 | 39.8 | 5. | Chronic lower respiratory diseases (J40-J47) | 615 | 22.8 | 4.4 | 33.3 | 33.0 |
| 6. | Alzheimers disease (G30) | 74,632 | 24.7 | 3.1 | 22.7 | 22.6 | 6. | Diabetes mellitus (E10-E14) | 544 | 20.1 | 3.9 | 28.8 | 26.9 |
| 7. | Diabetes mellitus (E10-E14) | 71,382 | 23.7 | 2.9 | 22.5 | 23.3 | 7. | Alzheimers disease (G30) | 389 | 14.4 | 2.8 | 23.0 | 22.4 |
| 8. | Influenza and pneumonia (J10-J18) | 52,717 | 17.5 | 2.2 | 16.2 | 17.8 | 8. | Intentional self-harm (suicide) (*U03, X60-X84, Y87.0) | 368 | 13.6 | 2.6 | 14.7 | 15.4 |
| 9. | Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27) | 46,448 | 15.4 | 1.9 | 14.5 | 14.5 | 9. | Influenza and pneumonia (J10-J18) | 312 | 11.6 | 2.2 | 17.6 | 19.0 |
| 10. | Septicemia (A40-A41) | 34,828 | 11.5 | 1.4 | 11.0 | 11.0 | 10. | Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27) | 219 | 8.1 | 1.6 | 12.2 | 11.3 |
| 11. | Intentional self-harm (suicide) (*U03, X60-X84, Y87.0) | 34,598 | 11.5 | 1.4 | 11.3 | 10.9 | 11. | Parkinson's disease (G20-G21) | 158 | 5.9 | 1.1 | 9.1 | 9.7 |
| 12. | Chronic liver disease and cirrhosis (K70, K73-K74) | 29,165 | 9.7 | 1.2 | 9.1 | 8.8 | 12. | Chronic liver disease and cirrhosis (K70, K73-K74) | 140 | 5.2 | 1.0 | 6.4 | 6.7 |
| 13. | Essential (primary) hypertension and hypertensive renal disease (I10, I12) | 23,965 | 7.9 | 1.0 | 7.4 | 7.5 | 13. | Certain conditions originating in the perinatal period (P00-P96) | 138 | 5.1 | 1.0 | 4.4 | 3.2 |
| 14. | Parkinson's disease (G20-G21) | 20,058 | 6.7 | 0.8 | 6.4 | 6.3 | 14. | Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) | 138 | 5.1 | 1.0 | 7.9 | 3.7 |
| 15. | Assault (homicide) | 18,361 | 6.1 | 0.8 | 6.1 | 6.2 | 15. | Essential (primary) hypertension and hypertensive renal disease (I10, I12) | 115 | 4.3 | 0.8 | 2.9 | 6.3 |
| | All other causes | 451,034 | 149.5 | 18.6 | - - | - - | | All other causes | 3,853 | 142.7 | 27.5 | 202.0 | 186.4 |

This table compares Utah final data with U.S. provisional death data.
Death rates are per 100,000 population.
The Utah mid-year population projection total for 2006 is 2,615,129.
The Utah mid-year population projection total for 2007 is 2,699,554.
The Utah popoulation for age adjusted rates is based on the mid-year total population and is grouped by age and recalculated.

Source for U.S. death numbers and rates for 2007; National Center for Health Statistics, Centers for Disease Control; Table B. "Percentage of total deaths, death rates, age-adjusted death rates for 2007, percentage change in age-adjusted death rates in 2007 from 2006, and ratio of age-adjusted death rates, by race and sex for the 15 leading causes of death for the total population in 2007: United States; Deaths: Final data for 2007, Volume 58, Number 19, May 20, 2010; National Vital Statistics Reports series.

## Table 18. Deaths and death rates by selected causes, residents: Utah, 2006-2009

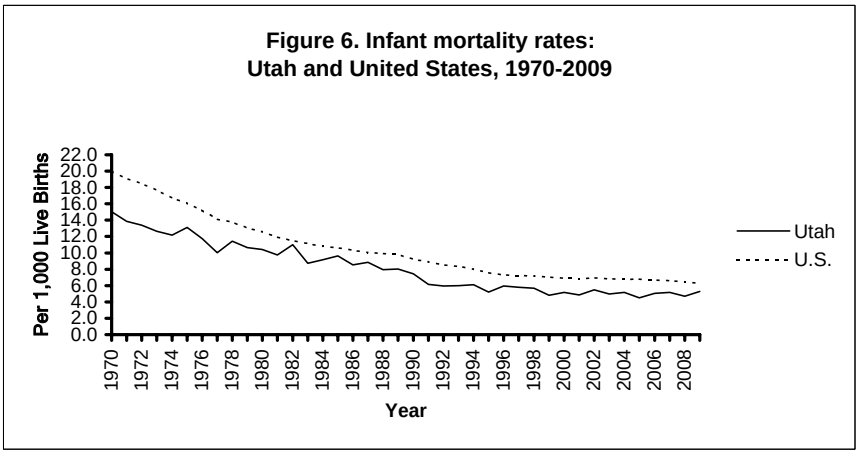
| Cause of Death<br>10th Rev. International<br>Classification of Diseases | 2006 | | 2007 | | 2008 | | 2009 | |
|---|---|---|---|---|---|---|---|---|
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| Total | 13,645 | 521.8 | 13,988 | 518.2 | 13,920 | 504.8 | 14,010 | 500.3 |
| Septicemia<br>A40-A41 | 109 | 4.2 | 111 | 4.1 | 129 | 4.7 | 116 | 4.1 |
| Other and unspecified infectious and parasitic diseases and their sequelae<br>A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99 | 44 | 1.7 | 25 | 0.9 | 43 | 1.6 | 36 | 1.3 |
| Human immunodeficiency virus (HIV) disease<br>B20-B24 | 27 | 1.0 | 21 | 0.8 | 20 | 0.7 | 15 | 0.5 |
| Malignant neoplasms<br>C00-C97 | 2,600 | 99.4 | 2,547 | 94.3 | 2,478 | 89.9 | 2,543 | 90.8 |
| In situ neoplasms, benign neoplasms<br>and neoplasms of uncertain or unknown behavior<br>D00-D48 | 87 | 3.3 | 76 | 2.8 | 88 | 3.2 | 104 | 3.7 |
| Diabetes mellitus, E10-E14 | 493 | 18.9 | 544 | 20.2 | 468 | 17.0 | 457 | 16.3 |
| Parkinson's disease, G20-G21 | 168 | 6.4 | 158 | 5.9 | 178 | 6.5 | 173 | 6.2 |
| Alzheimer's disease, G30 | 388 | 14.8 | 389 | 14.4 | 406 | 14.7 | 368 | 13.1 |
| Diseases of heart<br>I00-I09,I11,I13,I20-I51 | 2,911 | 111.3 | 2,958 | 109.6 | 2,823 | 102.4 | 2,785 | 99.5 |
| Cerebrovascular diseases<br>I60-I69 | 665 | 25.4 | 725 | 26.9 | 739 | 26.8 | 734 | 26.2 |
| Atherosclerosis<br>I70 | 55 | 2.1 | 42 | 1.6 | 35 | 1.3 | 54 | 1.9 |
| Other diseases of the circulatory system<br>I71-I78 | 127 | 4.9 | 120 | 4.4 | 98 | 3.6 | 105 | 3.7 |
| Aortic aneurysm and dissection, I71 | 78 | 3.0 | 67 | 2.5 | 53 | 1.9 | 55 | 2.0 |
| Other diseases of arteries, arterioles and capillaries, I72-I78 | 49 | 1.9 | 53 | 2.0 | 45 | 1.6 | 50 | 1.8 |
| Essential (primary) hypertension and hypertensive renal disease<br>I10, I12 | 111 | 4.2 | 138 | 5.1 | 108 | 3.9 | 105 | 3.7 |
| Influenza and pneumonia<br>J10-J18 | 343 | 13.1 | 312 | 11.6 | 341 | 12.4 | 328 | 11.7 |
| Chronic lower respiratory diseases<br>J40-J47 | 589 | 22.5 | 615 | 22.8 | 636 | 23.1 | 576 | 20.6 |
| Pneumonitis due to solids and liquids<br>J69 | 94 | 3.6 | 90 | 3.3 | 87 | 3.2 | 103 | 3.7 |
| Chronic liver disease and cirrhosis<br>K70, K73-K74 | 133 | 5.1 | 140 | 5.2 | 127 | 4.6 | 151 | 5.4 |
| Nephritis, nephrotic syndrome, and nephrosis<br>N00-N07,N17-N19, N25-N27 | 206 | 7.9 | 219 | 8.1 | 212 | 7.7 | 210 | 7.5 |
| Certain conditions originating in the perinatal period<br>P00-P96 | 121 | 4.6 | 115 | 4.3 | 118 | 4.3 | 142 | 5.1 |
| Congenital malformations,<br>deformations and chromosomal abnormalities<br>Q00-Q99 | 117 | 4.5 | 138 | 5.1 | 112 | 4.1 | 118 | 4.2 |
| Symptoms, signs and abnormal<br>clinical and laboratory findings not elsewhere classified<br>R00-R99 | 751 | 28.7 | 751 | 27.8 | 886 | 32.1 | 849 | 30.3 |
| Transport accidents<br>V01-V99, Y85 | 339 | 13.0 | 312 | 11.6 | 313 | 11.3 | 268 | 9.6 |
| Motor vehicle accidents<br>V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 -V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2 | 315 | 12.0 | 294 | 10.9 | 284 | 10.3 | 241 | 8.6 |
| Other land transport accidents<br>V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 7 | 0.3 | 4 | 0.1 | 6 | 0.2 | 14 | 0.5 |
| Water, air and space, and other and unspecified transport accidents and their sequelae V90-V99, Y85 | 17 | 0.7 | 14 | 0.5 | 23 | 0.8 | 13 | 0.5 |
| Nontransport accidents W00-X59, Y86 | 340 | 13.0 | 457 | 16.9 | 521 | 18.9 | 605 | 21.6 |
| Intentional self-harm (suicide) *U03, X60-X84, Y87.0 | 357 | 13.7 | 368 | 13.6 | 384 | 13.9 | 443 | 15.8 |
| Assault (homicide) *U01-*U02, X85-Y09, Y87.1 | 46 | 1.8 | 64 | 2.4 | 46 | 1.7 | 51 | 1.8 |
| All other causes | 2,425 | 92.7 | 2,241 | 83.0 | 2,524 | 91.5 | 2,571 | 91.9 |

Rates for deaths are per 100,000 population.

## Table 19. Expected years of life lost and working years of life lost by selected underlying cause of death, residents: Utah, 2009

| Cause of Death International Classification of Disease (Tenth Revision) | Expected years of life lost | | | | | | Working years of life lost | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | | Male | | Female | | Total | | Male | | Female | |
| | Years | Percent | Years | Percent | Years | Percent | Years | Percent | Years | Percent | Years | Percent |
| Total | 426,524 | 100.0 | 241,806 | 100.0 | 184,718 | 100.0 | 144,551 | 100.0 | 91,359 | 100.0 | 53,192 | 100.0 |
| Major cardiovascular diseases (I00-I78) | 62,142 | 14.6 | 34,034 | 14.1 | 28,108 | 15.2 | 10,580 | 7.3 | 6,791 | 7.4 | 3,789 | 7.1 |
| Malignant neoplasms (C00-C97) | 58,963 | 13.8 | 30,252 | 12.5 | 28,711 | 15.5 | 13,217 | 9.1 | 6,621 | 7.2 | 6,596 | 12.4 |
| Motor vehicle accidents (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2) | 8,609 | 2.0 | 5,540 | 2.3 | 3,069 | 1.7 | 5,346 | 3.7 | 3,436 | 3.8 | 1,910 | 3.6 |
| Non-motor vehicle accidents (V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99, Y85, W00-X59, Y86) | 27,413 | 6.4 | 18,445 | 7.6 | 8,968 | 4.9 | 14,976 | 10.4 | 10,642 | 11.6 | 4,334 | 8.1 |
| Pneumonia and influenza (J10-J18) | 6,589 | 1.5 | 3,662 | 1.5 | 2,927 | 1.6 | 1,929 | 1.3 | 1,264 | 1.4 | 665 | 1.3 |
| Conditions originating in the perinatal period and sids (P00-P96) | 15,302 | 3.6 | 9,312 | 3.9 | 5,990 | 3.2 | 9,800 | 6.8 | 6,050 | 6.6 | 3,750 | 7.0 |
| Suicide (*U03, X60-X84, Y87.0) | 25,885 | 6.1 | 20,150 | 8.3 | 5,735 | 3.1 | 15,698 | 10.9 | 12,333 | 13.5 | 3,365 | 6.3 |
| Diabetes mellitus (E10-E14) | 10,122 | 2.4 | 5,894 | 2.4 | 4,228 | 2.3 | 2,230 | 1.5 | 1,395 | 1.5 | 835 | 1.6 |
| Congenital anomalies (Q00-Q99) | | | | | | | | | | | | |
| Chronic liver disease and cirrhosis (K70, K73-K74) | 4,876 | 1.1 | 3,089 | 1.3 | 1,787 | 1.0 | 1,687 | 1.2 | 1,135 | 1.2 | 552 | 1.0 |
| Chronic lower respiratory diseases (J40-J47) | 11,317 | 2.7 | 5,820 | 2.4 | 5,497 | 3.0 | 1,555 | 1.1 | 703 | 0.8 | 852 | 1.6 |
| All other causes | 184,018 | 43.1 | 100,058 | 41.4 | 83,960 | 45.5 | 60,425 | 41.8 | 37,435 | 41.0 | 22,990 | 43.2 |

Working years are defined as ages 15 to 65.
Working years of life lost are calculated by computing the number of years between age at time of death and 65 with no accounting for years before age 15.
For example, if a person dies at age 5, working years of life lost would be 50 years.
Years of life lost is computed from the decennial life table 2000 for Utah.
Sex not stated is included in male.
Ages not stated are not included.




## Table 20: Infant mortality rates by age at death, residents: Utah, 1970-2009

| Year | Total Infant mortality rate | Infant mortality rate at age of death: Under 1 day | 1-6 days | 1-4 weeks | 1-11 months |
|---|---|---|---|---|---|
| 1970 | 15.0 | 5.6 | 4.5 | 1.0 | 3.9 |
| 1971 | 13.9 | 5.2 | 4.2 | 1.3 | 3.2 |
| 1972 | 13.4 | 4.6 | 3.8 | 1.4 | 3.5 |
| 1973 | 12.7 | 4.2 | 3.5 | 1.3 | 3.7 |
| 1974 | 12.2 | 4.4 | 3.0 | 1.6 | 3.2 |
| 1975 | 13.1 | 3.7 | 4.3 | 1.4 | 3.9 |
| 1976 | 11.7 | 4.0 | 2.7 | 1.2 | 3.8 |
| 1977 | 10.0 | 3.4 | 2.3 | 1.0 | 3.3 |
| 1978 | 11.4 | 4.0 | 2.6 | 1.2 | 3.6 |
| 1979 | 10.7 | 3.1 | 2.4 | 1.3 | 4.0 |
| 1980 | 10.4 | 3.1 | 2.2 | 1.3 | 3.8 |
| 1981 | 9.8 | 3.2 | 1.5 | 1.1 | 3.9 |
| 1982 | 11.0 | 4.0 | 1.8 | 0.9 | 4.2 |
| 1983 | 8.7 | 3.2 | 1.2 | 0.9 | 3.4 |
| 1984 | 9.1 | 3.3 | 1.1 | 1.1 | 3.6 |
| 1985 | 9.6 | 2.9 | 1.2 | 1.3 | 4.2 |
| 1986 | 8.5 | 2.5 | 1.4 | 1.2 | 3.5 |
| 1987 | 8.8 | 2.4 | 1.0 | 0.8 | 4.6 |
| 1988 | 8.0 | 2.0 | 0.7 | 1.0 | 4.2 |
| 1989 | 8.0 | 2.5 | 0.9 | 1.1 | 3.6 |
| 1990 | 7.4 | 1.8 | 0.9 | 1.1 | 3.6 |
| 1991 | 6.2 | 1.9 | 0.6 | 0.6 | 3.1 |
| 1992 | 5.9 | 2.0 | 0.8 | 0.8 | 2.4 |
| 1993 | 6.0 | 1.7 | 0.7 | 0.6 | 3.0 |
| 1994 | 6.1 | 2.0 | 0.8 | 0.5 | 2.8 |
| 1995 | 5.2 | 1.5 | 0.9 | 0.7 | 2.1 |
| 1996 | 5.9 | 1.0 | 0.8 | 1.0 | 2.0 |
| 1997 | 5.8 | 2.4 | 0.4 | 0.7 | 2.2 |
| 1998 | 5.7 | 2.2 | 0.6 | 0.8 | 2.1 |
| 1999 | 4.8 | 2.1 | 0.4 | 0.7 | 1.6 |
| 2000 | 5.2 | 2.0 | 0.7 | 0.7 | 1.6 |
| 2001 | 4.8 | 1.9 | 0.5 | 0.7 | 1.7 |
| 2002 | 5.5 | 2.2 | 0.7 | 0.8 | 1.7 |
| 2003 | 5.0 | 2.3 | 0.7 | 0.7 | 1.3 |
| 2004 | 5.2 | 1.8 | 0.8 | 0.8 | 1.8 |
| 2005 | 4.5 | 1.8 | 0.7 | 0.5 | 1.5 |
| 2006 | 5.0 | 2.0 | 0.7 | 0.7 | 1.6 |
| 2007 | 5.2 | 2.2 | 0.7 | 0.7 | 1.7 |
| 2008 | 4.7 | 2.0 | 0.5 | 0.6 | 1.6 |
| 2009 | 5.3 | 2.4 | 0.7 | 0.8 | 1.4 |

Rates for infant mortality are per 1,000 live births.

## Table 21. Deaths by local health district and county of residence: Utah, 1990, 1995, 1996, 1998 and 2000-2009

| Health district and county | Year | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1990 | 1995 | 1996 | 1998 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
| Total | 9,125 | 10,854 | 10,974 | 11,784 | 12,339 | 12,607 | 13,042 | 13,341 | 13,270 | 13,325 | 13,645 | 13,988 | 13,920 | 14,010 |
| Bear River | 561 | 627 | 596 | 646 | 737 | 699 | 745 | 755 | 728 | 715 | 708 | 761 | 731 | 767 |
| Box Elder | 208 | 250 | 236 | 258 | 279 | 297 | 303 | 293 | 295 | 298 | 281 | 314 | 284 | 300 |
| Cache | 340 | 371 | 351 | 382 | 447 | 394 | 425 | 450 | 417 | 409 | 410 | 434 | 431 | 455 |
| Rich | 13 | 6 | 9 | 6 | 11 | 8 | 17 | 12 | 16 | 8 | 17 | 13 | 16 | 12 |
| Central Utah | 424 | 473 | 489 | 513 | 508 | 523 | 511 | 587 | 577 | 526 | 560 | 564 | 543 | 559 |
| Juab | 43 | 51 | 51 | 66 | 56 | 52 | 50 | 68 | 75 | 71 | 55 | 68 | 74 | 83 |
| Millard | 89 | 91 | 102 | 99 | 90 | 114 | 117 | 119 | 110 | 104 | 102 | 99 | 86 | 87 |
| Piute | 12 | 12 | 14 | 24 | 15 | 15 | 21 | 18 | 19 | 11 | 17 | 19 | 16 | 17 |
| Sanpete | 125 | 143 | 153 | 130 | 164 | 165 | 174 | 175 | 180 | 166 | 166 | 159 | 163 | 166 |
| Sevier | 137 | 145 | 149 | 169 | 164 | 157 | 137 | 183 | 173 | 156 | 198 | 195 | 181 | 177 |
| Wayne | 18 | 31 | 20 | 25 | 19 | 20 | 12 | 24 | 20 | 18 | 22 | 24 | 23 | 29 |
| Davis | 667 | 828 | 858 | 1,044 | 1,094 | 1,100 | 1,212 | 1,204 | 1,206 | 1,267 | 1,284 | 1,368 | 1,371 | 1,352 |
| Salt Lake | 3,847 | 4,583 | 4,736 | 4,817 | 5,019 | 5,144 | 5,220 | 5,312 | 5,285 | 5,252 | 5,291 | 5,437 | 5,369 | 5,445 |
| Southeastern | 347 | 392 | 324 | 384 | 379 | 428 | 407 | 479 | 409 | 383 | 414 | 456 | 476 | 408 |
| Carbon | 158 | 203 | 164 | 197 | 185 | 200 | 186 | 238 | 202 | 174 | 189 | 213 | 232 | 182 |
| Emery | 65 | 72 | 54 | 56 | 61 | 76 | 79 | 80 | 72 | 83 | 73 | 89 | 102 | 77 |
| Grand | 54 | 53 | 53 | 63 | 58 | 71 | 74 | 66 | 58 | 62 | 77 | 67 | 70 | 69 |
| San Juan | 70 | 64 | 53 | 68 | 75 | 81 | 68 | 95 | 77 | 64 | 75 | 87 | 72 | 80 |
| Southwest | 605 | 776 | 824 | 983 | 1,000 | 985 | 1,094 | 1,113 | 1,148 | 1,212 | 1,329 | 1,263 | 1,284 | 1,335 |
| Beaver | 47 | 48 | 45 | 50 | 62 | 45 | 59 | 65 | 61 | 78 | 51 | 62 | 47 | 73 |
| Garfield | 32 | 31 | 32 | 52 | 49 | 43 | 45 | 41 | 33 | 38 | 35 | 38 | 41 | 30 |
| Iron | 107 | 149 | 144 | 184 | 147 | 163 | 199 | 199 | 193 | 216 | 255 | 262 | 269 | 245 |
| Kane | 42 | 43 | 58 | 60 | 70 | 54 | 54 | 42 | 62 | 48 | 71 | 80 | 57 | 53 |
| Washington | 377 | 505 | 545 | 637 | 672 | 680 | 737 | 766 | 799 | 832 | 917 | 821 | 870 | 934 |
| Summit | 58 | 71 | 82 | 92 | 84 | 100 | 89 | 97 | 102 | 105 | 108 | 130 | 131 | 117 |
| Tooele | 147 | 184 | 164 | 198 | 230 | 202 | 235 | 255 | 259 | 252 | 265 | 263 | 260 | 271 |
| TriCounty | 193 | 245 | 251 | 232 | 271 | 291 | 308 | 316 | 315 | 283 | 309 | 319 | 311 | 315 |
| Daggett | 4 | 3 | 3 | 6 | 0 | 7 | 3 | 6 | 1 | 4 | 4 | 8 | 3 | 8 |
| Duchesne | 65 | 95 | 101 | 90 | 101 | 114 | 118 | 113 | 126 | 108 | 115 | 115 | 112 | 100 |
| Uintah | 124 | 147 | 147 | 136 | 170 | 170 | 187 | 197 | 188 | 171 | 190 | 196 | 196 | 207 |
| Utah County | 1,104 | 1,367 | 1,369 | 1,516 | 1,546 | 1,610 | 1,710 | 1,736 | 1,696 | 1,731 | 1,836 | 1,853 | 1,888 | 1,846 |
| Wasatch | 63 | 87 | 77 | 75 | 79 | 87 | 114 | 87 | 86 | 110 | 92 | 87 | 100 | 102 |
| Weber-Morgan | 1,109 | 1,221 | 1,204 | 1,284 | 1,392 | 1,438 | 1,397 | 1,400 | 1,459 | 1,489 | 1,449 | 1,487 | 1,456 | 1,493 |
| Morgan | 34 | 32 | 31 | 24 | 26 | 24 | 34 | 40 | 41 | 29 | 29 | 47 | 48 | 40 |
| Weber | 1,075 | 1,189 | 1,173 | 1,260 | 1,366 | 1,414 | 1,363 | 1,360 | 1,418 | 1,460 | 1,420 | 1,440 | 1,408 | 1,453 |

## Table 22. Deaths and percent of deaths by selected causes, Hispanic all races and Non-Hispanic origin, residents: Utah, 2009

| Cause of Death 10th Rev. International Classification of Diseases | Total | | Hispanic origin | | Non-Hispanic origin | |
|---|---|---|---|---|---|---|
| | Number | Rate per 100,000 | Number | Percent | Number | Percent |
| Total | 14,010 | 500.3 | 694 | 100.0 | 13,316 | 100.0 |
| Septicemia A40-A41 | 116 | 4.1 | 6 | 0.9 | 110 | 0.8 |
| Other and unspecified infectious and parasitic diseases and their sequelae A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99 | 36 | 1.3 | 2 | 0.3 | 34 | 0.3 |
| Human immunodeficiency virus (HIV) disease B20-B24 | 15 | 0.5 | 1 | 0.1 | 14 | 0.1 |
| Malignant neoplasms C00-C97 | 2,543 | 90.8 | 129 | 18.6 | 2,414 | 18.1 |
| In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior D00-D48 | 104 | 3.7 | 2 | 0.3 | 102 | 0.8 |
| Diabetes mellitus E10-E14 | 457 | 16.3 | 34 | 4.9 | 423 | 3.2 |
| Parkinson's disease G20-G21 | 173 | 6.2 | 3 | 0.4 | 170 | 1.3 |
| Alzheimer's disease G30 | 368 | 13.1 | 3 | 0.4 | 365 | 2.7 |
| Diseases of heart I00-I09, I11, I13, I20-I51 | 2,785 | 99.5 | 85 | 12.2 | 2,700 | 20.3 |
| Cerebrovascular diseases I60-I69 | 734 | 26.2 | 39 | 5.6 | 695 | 5.2 |
| Atherosclerosis I70 | 54 | 1.9 | 1 | 0.1 | 53 | 0.4 |
| Other diseases of the circulatory system I71-I78 | 105 | 3.7 | 1 | 0.1 | 104 | 0.8 |
| Aortic aneurysm and dissection I71 | 55 | 2.0 | 0 | 0.0 | 55 | 0.4 |
| Other diseases of arteries, arterioles and capillaries I72-I78 | 50 | 1.8 | 1 | 0.1 | 49 | 0.4 |
| Essential (primary) hypertension and hypertensive renal disease I10, I12 | 105 | 3.7 | 4 | 0.6 | 101 | 0.8 |
| Influenza and pneumonia J10-J18 | 328 | 11.7 | 21 | 3.0 | 307 | 2.3 |
| Chronic lower respiratory diseases J40-J47 | 576 | 20.6 | 13 | 1.9 | 563 | 4.2 |
| Pneumonitis due to solids and liquids J69 | 103 | 3.7 | 3 | 0.4 | 100 | 0.8 |
| Chronic liver disease and cirrhosis K70, K73-K74 | 151 | 5.4 | 12 | 1.7 | 139 | 1.0 |
| Nephritis, nephrotic syndrome, and nephrosis N00-N07, N17-N19, N25-N27 | 210 | 7.5 | 13 | 1.9 | 197 | 1.5 |
| Congenital malformations, deformations and chromosomal abnormalities Q00-Q99 | 118 | 4.2 | 15 | 2.2 | 103 | 0.8 |
| Certain conditions originating in the perinatal period P00-P96 | 142 | 5.1 | 27 | 3.9 | 115 | 0.9 |
| Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified R00-R99 | 849 | 30.3 | 29 | 4.2 | 820 | 6.2 |
| Transport accidents V01-V99, Y85 | 268 | 9.6 | 38 | 5.5 | 230 | 1.7 |
| Motor vehicle accidents V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2 | 241 | 8.6 | 35 | 5.0 | 206 | 1.5 |
| Other land transport accidents V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 14 | 0.5 | 3 | 0.4 | 11 | 0.1 |
| Water, air and space, and other and unspecified transport accidents and their sequelae V90-V99, Y85 | 13 | 0.5 | 0 | 0.0 | 13 | 0.1 |
| Nontransport accidents W00-X59, Y86 | 605 | 21.6 | 48 | 6.9 | 557 | 4.2 |
| Intentional self-harm (suicide) *U03, X60-X84, Y87.0 | 443 | 15.8 | 33 | 4.8 | 410 | 3.1 |
| Assault (homicide) *U01-*U02, X85-Y09, Y87.1 | 51 | 1.8 | 10 | 1.4 | 41 | 0.3 |
| All other causes | 2,571 | 91.9 | 122 | 17.6 | 2,449 | 18.4 |

Rates are not calculated for numbers less than 7.

The 2009 total mid-year population is 2,800,089.

## Table 23. Deaths and percent of deaths by age, Hispanic all races and Non-Hispanic origin, residents: Utah, 2009

| | Total | | Hispanic | | Non-Hispanic | |
|---|---|---|---|---|---|---|
| Age at death | Number | Percent | Number | Percent | Number | Percent |
| Total all ages | 14,010 | 100.0 | 694 | 100.0 | 13,316 | 100.0 |
| Under 1 | 285 | 2.0 | 49 | 7.1 | 236 | 1.8 |
| 1-4 | 46 | 0.3 | 8 | 1.2 | 38 | 0.3 |
| 5-14 | 58 | 0.4 | 14 | 2.0 | 44 | 0.3 |
| 15-24 | 276 | 2.0 | 49 | 7.1 | 227 | 1.7 |
| 25-34 | 434 | 3.1 | 47 | 6.8 | 387 | 2.9 |
| 35-44 | 538 | 3.8 | 57 | 8.2 | 481 | 3.6 |
| 45-54 | 1,067 | 7.6 | 82 | 11.8 | 985 | 7.4 |
| 55-64 | 1,550 | 11.1 | 84 | 12.1 | 1,466 | 11.0 |
| 65-74 | 2,016 | 14.4 | 95 | 13.7 | 1,921 | 14.4 |
| 75 and over | 7,740 | 55.2 | 209 | 30.1 | 7,531 | 56.6 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |

## Table 24. Deaths and death rates from unnatural causes, residents: Utah and United States, 2006-2008

| | Utah | | | | | | | U.S. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number | | | Rate | | | Age Adjusted Rate | Rate | | |
| Type of violence | 2006 | 2007 | 2008 | 2006 | 2007 | 2008 | 2008 | 2006 | 2007 | 2008 |
| Unnatural causes<br>*U01-*U03, V01-Y89 | 1,430 | 1,574 | 1,533 | 54.7 | 58.3 | 55.6 | 62.1 | N.A. | N.A. | N.A. |
| Unintentional Injuries<br>V01-X59, Y85-Y86 | 679 | 769 | 834 | 26.0 | 28.5 | 30.2 | 34.6 | 40.6 | 41.0 | 39.9 |
| Transport accidents<br>V01-V99, Y85 | 339 | 312 | 313 | 13.0 | 11.6 | 11.3 | 11.9 | 16.2 | 15.5 | 14.1 |
| Motor vehicle<br>V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2 | 315 | 294 | 284 | 12.0 | 10.9 | 10.3 | 10.8 | 15.1 | 14.6 | 13.1 |
| Other land transport accidents<br>V05, V15, V80.6, V81.2-V81.9, V82.2-V82.9, V01, V06, V09.1, V09.3, V09.9, V10-V11, V16-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.7-V80.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 7 | 4 | 6 | 0.3 | 0.1 | 0.2 | 0.2 | 0.4 | 0.4 | 0.4 |
| Water, air and space and other and unspecified transport accidents and their sequelae<br>V90-V94, V95-V97, V98-V99, Y85 | 17 | 14 | 23 | 0.7 | 0.5 | 0.8 | 0.9 | 0.6 | 0.6 | 0.6 |
| All other unintentional injuries<br>W00-W99, X00-X59, Y86 | 340 | 457 | 521 | 13.0 | 16.9 | 18.9 | 22.7 | 24.4 | 25.5 | 25.8 |
| Suicide (intentional injuries)<br>*U03, X60-X84, Y87.0 | 357 | 368 | 384 | 13.7 | 13.6 | 13.9 | 15.0 | 11.1 | 11.5 | 11.8 |
| Homicide (assault)<br>*U01-*U02, X85-Y09, Y87.1 | 46 | 64 | 46 | 1.8 | 2.4 | 1.7 | 1.7 | 6.2 | 6.1 | 5.9 |
| All other unnatural causes<br>Y10-Y34, Y87.2, Y89.9, Y35, Y89.0, Y40-Y84, Y88 | 348 | 373 | 269 | 13.3 | 13.8 | 9.8 | 10.8 | N.A. | N.A. | N.A. |

Rates for deaths are per 100,000 population.

Source for U.S. death rates for 2007 and 2008: National Center for Health Statistics, Centers for Disease Control; Table 2. "Deaths, death rates, and age-adjusted death rates for 113 selected causes, Injury by firearms, Drug-induced deaths, Alcohol-induced deaths, Injury at work, and Entercolitis due to Clostridium difficile: United States, final 2007 and preliminary 2008"; Deaths: Preliminary Data for 2008, Volume 59, Number 2, December 9, 2010; National Vital Statistics Reports series.
Source for U.S. death rates for 2006: National Center for Health Statistics, Centers for Disease Control; Table 11. "Death rates for 113 selected causes and Enterocolitis due to Clostridium difficile, by age: United States, 2006"; Deaths: Final Data for 2006, Volume 57, Number 14, April 17, 2009; National Vital Statistics Reports series.

## Table 25. Deaths and age-adjusted death rates from unnatural causes, residents: Utah and United States, 2006-2008

| Type of violence | Utah | | | | | | U.S. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | | | Age-adjusted rate | | | U.S. age-adjusted rate | | |
| | 2006 | 2007 | 2008 | 2006 | 2007 | 2008 | 2006 | 2007 | 2008 |
| Unnatural causes<br>*U01-*U03, V01-Y89 | 1,430 | 1,574 | 1,533 | 61.4 | 65.3 | 62.1 | N.A. | N.A. | N.A. |
| Unintentional Injuries<br>V01-X59, Y85-Y86 | 679 | 769 | 834 | 29.7 | 33.4 | 34.6 | 39.8 | 40 | 38.6 |
| Transport accidents<br>V01-V99, Y85 | 339 | 312 | 313 | 13.9 | 12.1 | 11.9 | 16.0 | 15.3 | 13.9 |
| Motor vehicle<br>V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2 | 315 | 294 | 284 | 12.9 | 11.4 | 10.8 | 15.0 | 14.4 | 12.9 |
| Other land transport accidents<br>V05, V15, V80.6, V81.2-V81.9, V82.2-V82.9, V01, V06, V09.1, V09.3, V09.9, V10-V11, V16-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.7-V80.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 7 | 4 | 6 | 0.3 | 0.2 | 0.2 | 0.4 | 0.3 | 0.4 |
| Water, air and space and other and unspecified transport accidents and their sequelae<br>V90-V94, V95-V97, V98-V99, Y85 | 17 | 14 | 23 | 0.7 | 0.5 | 0.9 | 0.6 | 0.6 | 0.6 |
| All other unintentional injuries<br>W00-W99, X00-X59, Y86 | 340 | 457 | 521 | 15.6 | 21.3 | 22.7 | 23.8 | 24.6 | 24.7 |
| Suicide (intentional injuries)<br>*U03, X60-X84, Y87.0 | 357 | 368 | 384 | 15.4 | 14.7 | 15.0 | 10.9 | 11.3 | 11.6 |
| Homicide (assault)<br>*U01-*U02, X85-Y09, Y87.1 | 46 | 64 | 46 | 1.8 | 2.2 | 1.7 | 6.2 | 6.1 | 5.9 |
| All other unnatural causes<br>Y10-Y34, Y87.2, Y89.9, Y35, Y89.0, Y40-Y84, Y88 | 348 | 373 | 269 | 14.4 | 14.9 | 10.8 | N.A. | N.A. | N.A. |

Rates for deaths are per 100,000 population.

Source for U.S. death rates for 2007: National Center for Health Statistics, Centers for Disease Control; Table 2. "Deaths, death rates, and age-adjusted deat rates for 113 selected causes, injury by firearms, Durg-induced deaths, Alcohol-induced deaths, Injury at work, and Enterocolitis due to Clostridium difficile: United States, final 2007 and preliminary 2008"; "Deaths: Preliminary Data for 2008; National Vital Statistics Report series, Vol. 59, No. 2; December 9, 2010.

Source for U.S. death rates for 2006: National Center for Health Statistics, Centers for Disease Control; Table 16. "Death rates for 113 selected causes and Enterocolitis due to Clostridium difficile, by race and sex: United States, 2006"; "Deaths: Final Data for 2006; National Vital Statistics Report series, Vol. 57, No. 14; April 17, 2009.

## Table 26. Deaths due to suicide by age, gender and year, residents: Utah, 1990-2009

| Year and gender | Total | Age: Under 15 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|
| 1990 Total | 265 | 6 | 31 | 39 | 50 | 52 | 30 | 23 | 10 | 24 |
| Male | 224 | 4 | 29 | 33 | 45 | 32 | 28 | 21 | 9 | 23 |
| Female | 41 | 2 | 2 | 6 | 5 | 20 | 2 | 2 | 1 | 1 |
| 1991 Total | 282 | 4 | 24 | 40 | 55 | 68 | 28 | 22 | 22 | 19 |
| Male | 229 | 2 | 22 | 35 | 46 | 52 | 18 | 17 | 18 | 19 |
| Female | 53 | 2 | 2 | 5 | 9 | 16 | 10 | 5 | 4 | 0 |
| 1992 Total | 262 | 9 | 34 | 30 | 59 | 46 | 34 | 17 | 16 | 17 |
| Male | 223 | 8 | 31 | 28 | 50 | 36 | 25 | 14 | 14 | 17 |
| Female | 39 | 1 | 3 | 2 | 9 | 10 | 9 | 3 | 2 | 0 |
| 1993 Total | 264 | 2 | 35 | 28 | 58 | 63 | 28 | 25 | 15 | 10 |
| Male | 220 | 2 | 31 | 25 | 46 | 52 | 24 | 21 | 12 | 7 |
| Female | 44 | 0 | 4 | 3 | 12 | 11 | 4 | 4 | 3 | 3 |
| 1994 Total | 289 | 7 | 34 | 34 | 64 | 59 | 32 | 18 | 23 | 18 |
| Male | 236 | 6 | 32 | 31 | 53 | 51 | 23 | 10 | 15 | 15 |
| Female | 53 | 1 | 2 | 3 | 11 | 8 | 9 | 8 | 8 | 3 |
| 1995 Total | 283 | 9 | 35 | 37 | 56 | 67 | 40 | 17 | 9 | 13 |
| Male | 228 | 8 | 32 | 32 | 45 | 51 | 30 | 14 | 6 | 10 |
| Female | 55 | 1 | 3 | 5 | 11 | 16 | 10 | 3 | 3 | 3 |
| 1996 Total | 287 | 4 | 36 | 30 | 66 | 63 | 35 | 14 | 20 | 19 |
| Male | 238 | 3 | 28 | 26 | 61 | 51 | 24 | 9 | 18 | 18 |
| Female | 49 | 1 | 8 | 4 | 5 | 12 | 11 | 5 | 2 | 1 |
| 1997 Total | 297 | 7 | 42 | 28 | 68 | 52 | 41 | 17 | 23 | 19 |
| Male | 234 | 6 | 35 | 27 | 55 | 34 | 29 | 13 | 18 | 17 |
| Female | 63 | 1 | 7 | 1 | 13 | 18 | 12 | 4 | 5 | 2 |
| 1998 Total | 335 | 8 | 31 | 37 | 75 | 65 | 49 | 34 | 14 | 22 |
| Male | 279 | 6 | 28 | 35 | 62 | 50 | 39 | 27 | 13 | 19 |
| Female | 56 | 2 | 3 | 2 | 13 | 15 | 10 | 7 | 1 | 3 |
| 1999 Total | 282 | 1 | 27 | 35 | 55 | 68 | 44 | 19 | 20 | 13 |
| Male | 241 | 1 | 25 | 34 | 48 | 55 | 34 | 16 | 18 | 10 |
| Female | 41 | 0 | 2 | 1 | 7 | 13 | 10 | 3 | 2 | 3 |
| 2000 Total | 294 | 5 | 27 | 34 | 47 | 77 | 51 | 18 | 14 | 21 |
| Male | 222 | 5 | 23 | 29 | 31 | 54 | 35 | 12 | 14 | 19 |
| Female | 72 | 0 | 4 | 5 | 16 | 23 | 16 | 6 | 0 | 2 |
| 2001 Total | 316 | 8 | 25 | 32 | 63 | 75 | 58 | 22 | 19 | 14 |
| Male | 263 | 8 | 24 | 29 | 50 | 61 | 44 | 18 | 16 | 13 |
| Female | 53 | 0 | 1 | 3 | 13 | 14 | 14 | 4 | 3 | 1 |
| 2002 Total | 336 | 4 | 27 | 30 | 73 | 82 | 60 | 24 | 16 | 20 |
| Male | 259 | 3 | 23 | 27 | 62 | 59 | 42 | 15 | 11 | 17 |
| Female | 77 | 1 | 4 | 3 | 11 | 23 | 18 | 9 | 5 | 3 |
| 2003 Total | 335 | 4 | 28 | 48 | 65 | 62 | 55 | 30 | 24 | 19 |
| Male | 281 | 2 | 24 | 43 | 57 | 51 | 41 | 24 | 22 | 17 |
| Female | 54 | 2 | 4 | 5 | 8 | 11 | 14 | 6 | 2 | 2 |
| 2004 Total | 377 | 5 | 27 | 35 | 85 | 71 | 74 | 43 | 13 | 24 |
| Male | 309 | 4 | 19 | 33 | 71 | 56 | 61 | 30 | 12 | 23 |
| Female | 68 | 1 | 8 | 2 | 14 | 15 | 13 | 13 | 1 | 1 |
| 2005 Total | 344 | 3 | 18 | 44 | 76 | 71 | 62 | 38 | 13 | 19 |
| Male | 282 | 3 | 16 | 39 | 59 | 53 | 52 | 30 | 12 | 18 |
| Female | 62 | 0 | 2 | 5 | 17 | 18 | 10 | 8 | 1 | 1 |
| 2006 Total | 357 | 2 | 22 | 36 | 68 | 83 | 59 | 44 | 18 | 25 |
| Male | 274 | 1 | 15 | 30 | 55 | 60 | 46 | 31 | 16 | 20 |
| Female | 83 | 1 | 7 | 6 | 13 | 23 | 13 | 13 | 2 | 5 |
| 2007 Total | 368 | 1 | 23 | 46 | 74 | 66 | 75 | 48 | 17 | 18 |
| Male | 293 | 0 | 21 | 36 | 64 | 43 | 56 | 40 | 16 | 17 |
| Female | 75 | 1 | 2 | 10 | 10 | 23 | 19 | 8 | 1 | 1 |
| 2008 Total | 384 | 2 | 25 | 51 | 71 | 64 | 90 | 49 | 20 | 12 |
| Male | 311 | 2 | 20 | 46 | 59 | 47 | 75 | 37 | 17 | 8 |
| Female | 73 | 0 | 5 | 5 | 12 | 17 | 15 | 12 | 3 | 4 |
| 2009 Total | 443 | 3 | 26 | 40 | 107 | 91 | 95 | 49 | 18 | 14 |
| Male | 346 | 2 | 17 | 38 | 86 | 58 | 77 | 38 | 17 | 13 |
| Female | 97 | 1 | 9 | 2 | 21 | 33 | 18 | 11 | 1 | 1 |

Age is unknown for one male in 1999. This is included in the totals but is not distributed.

## Table 27. Pregnancies, pregnancy rates and populations by specific age groups, residents: Utah, 1990, 1995, 2000, 2002, 2004 and 2006-2009

| Pregnancies, live births, fetal deaths, abortions, and pregnancy rates, and female population projections | Population projections for females ages 15 to 44 | All Ages | Ages | | | |
|---|---|---|---|---|---|---|
| | | | Under 15 | 15 to 19 | | |
| | | | | Total | 15-17 | 18-19 |
| 1990 Pregnancies | | 40,580 | 73 | 4,664 | 1,495 | 3,169 |
| Births | | 36,253 | 41 | 3,677 | 1,145 | 2,532 |
| Fetal Deaths | | 168 | 1 | 17 | 6 | 11 |
| Abortions | | 4,159 | 31 | 970 | 344 | 626 |
| 1990 Pregnancy rate | | 102.5 | 0.7 | 60.7 | 33.7 | 97.5 |
| 1990 Population projections | 395,807 | | 104,832 | 76,809 | 44,299 | 32,510 |
| 1995 Pregnancies | | 43,071 | 70 | 4,842 | 1,697 | 3,145 |
| Births | | 39,554 | 57 | 4,219 | 1,488 | 2,731 |
| Fetal Deaths | | 225 | 0 | 19 | 6 | 13 |
| Abortions | | 3,292 | 13 | 604 | 203 | 401 |
| 1995 Pregnancy rate | | 90.6 | 0.6 | 50.0 | 29.5 | 80.2 |
| 1995 Population projections | 475,165 | | 113,022 | 96,751 | 57,555 | 39,196 |
| 2000 Pregnancies | | 50,857 | 75 | 4,743 | 1,473 | 3,270 |
| Births | | 47,331 | 38 | 4,145 | 1,271 | 2,874 |
| Fetal Deaths | | 247 | 0 | 22 | 9 | 13 |
| Abortions | | 3,279 | 37 | 576 | 193 | 383 |
| 2000 Pregnancy rate | | 96.2 | 0.8 | 43.9 | 24.7 | 67.5 |
| 2000 Population projections | 528,501 | | 93,835 | 108,103 | 59,646 | 48,457 |
| 2002 Pregnancies | | 52,686 | 45 | 4,117 | 1,156 | 2,961 |
| Births | | 49,140 | 33 | 3,579 | 998 | 2,581 |
| Fetal Deaths | | 246 | 0 | 34 | 11 | 23 |
| Abortions | | 3,300 | 12 | 504 | 147 | 357 |
| 2002 Pregnancy rate | | 96.2 | 0.5 | 38.9 | 20.0 | 61.8 |
| 2002 Population projections | 547,717 | | 95,316 | 105,800 | 57,855 | 47,945 |
| 2004 Pregnancies | | 54,297 | 39 | 3,737 | 1,010 | 2,727 |
| Births | | 50,653 | 29 | 3,207 | 854 | 2,353 |
| Fetal Deaths | | 265 | 0 | 23 | 8 | 15 |
| Abortions | | 3,379 | 10 | 507 | 148 | 359 |
| 2004 Pregnancy rate | | 96.1 | 0.4 | 35.8 | 17.5 | 58.7 |
| 2004 Population projections | 564,777 | | 96,081 | 104,292 | 57,813 | 46,479 |
| 2006 Pregnancies | | 56,999 | 40 | 4,027 | 1,153 | 2,874 |
| Births | | 53,475 | 26 | 3,493 | 981 | 2,512 |
| Fetal Deaths | | 245 | 2 | 22 | 9 | 13 |
| Abortions | | 3,279 | 12 | 512 | 163 | 349 |
| 2006 Pregnancy rate | | 96.5 | 0.4 | 37.7 | 19.2 | 61.6 |
| 2006 Population projections | 590,655 | | 98,647 | 106,737 | 60,077 | 46,660 |
| 2007 Pregnancies | | 58,836 | 42 | 4,356 | 1,295 | 3,061 |
| Births | | 55,063 | 26 | 3,769 | 1,133 | 2,636 |
| Fetal Deaths | | 257 | 0 | 14 | 6 | 8 |
| Abortions | | 3,516 | 16 | 573 | 156 | 417 |
| 2007 Pregnancy rate | | 97.0 | 0.4 | 40.1 | 21.2 | 64.3 |
| 2007 Population projections | 606,453 | | 101,107 | 108,655 | 61,021 | 47,634 |
| 2008 Pregnancies | | 59,425 | 44 | 4,334 | 1,298 | 3,036 |
| Births | | 55,605 | 32 | 3,745 | 1,122 | 2,623 |
| Fetal Deaths | | 310 | 0 | 31 | 9 | 22 |
| Abortions | | 3,510 | 12 | 558 | 167 | 391 |
| 2008 Pregnancy rate | | 96.7 | 0.4 | 39.8 | 21.4 | 63.1 |
| 2008 Population projections | 614,495 | | 103,172 | 108,913 | 60,796 | 48,117 |
| 2009 Pregnancies | | 57,416 | 54 | 3,830 | 1,134 | 2,697 |
| Births | | 53,849 | 33 | 3,353 | 992 | 2,361 |
| Fetal Deaths | | 297 | 1 | 23 | 6 | 17 |
| Abortions | | 3,270 | 20 | 454 | 136 | 319 |
| 2009 Pregnancy rate | | 92.8 | 0.5 | 35.4 | 18.9 | 56.1 |
| 2009 Population projections | 618,639 | | 105,859 | 108,205 | 60,127 | 48,078 |

Rates for pregnancies include live births, fetal deaths, and abortions and are per 1,000 female age-group population.
Rates for pregnancies for the age group under 15 are based on the population age group 10-14.
Pregnancies in this report are defined as the total of births, fetal deaths of 20 weeks or more gestation, and induced abortions. Spontaneous terminations at less than 20 weeks gestation are excluded, as they are not reportable vital events.
Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.
Source for Utah female population 15-44 years of age for years 2000-2009: The Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB), Estimates for Counties by Sex and Single Year of Age. For more information, go to http://www.governor.utah.gov/dea/demographics.html.
Data issues: The current population estimates for intercensal years 2001-2009 were produced by the UPEC and the GOPB, and are considered to be more accurate than those produced by the U.S. Bureau of the Census because they are based on specialized local information including school enrollment, building activity, and Medicare enrollment. This revision that includes Medicare enrollment added about 5% to the 65 and over age group, and subtracted about 2% from the under 65 age group.
Source for population data by age for years 1990-1999: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB), 2008 Baseline Economic and Demographic Projections (Revised on 7-23-2008).

*2009 Reference Tables:*

# Births and Deaths

## Table A1. Births by health district, county of occurrence, gender, attendant and hospital delivery: Utah, 2009

| Health district and county | Total | Gender | | Attended by | | | Hospital delivery |
|---|---|---|---|---|---|---|---|
| | | Male | Female | Physician | Midwife | Certified nurse midwife | |
| **Total** | 55,143 | 28,206 | 26,937 | 49,403 | 761 | 4,774 | 53,797 |
| **Bear River** | 3,256 | 1,659 | 1,597 | 3,103 | 41 | 100 | 3,208 |
| Box Elder | 469 | 254 | 215 | 398 | 8 | 61 | 459 |
| Cache | 2,785 | 1,404 | 1,381 | 2,705 | 33 | 39 | 2,749 |
| Rich | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| **Central Utah** | 957 | 496 | 461 | 838 | 16 | 74 | 912 |
| Juab | 197 | 109 | 88 | 174 | 3 | 2 | 176 |
| Millard | 160 | 84 | 76 | 156 | 4 | 0 | 156 |
| Piute | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sanpete | 326 | 167 | 159 | 306 | 7 | 4 | 310 |
| Sevier | 273 | 135 | 138 | 202 | 1 | 68 | 270 |
| Wayne | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| **Davis** | 2,661 | 1,343 | 1,318 | 2,361 | 58 | 239 | 2,599 |
| **Salt Lake** | 23,060 | 11,751 | 11,309 | 20,936 | 224 | 1,849 | 22,711 |
| **Southeastern** | 642 | 322 | 320 | 625 | 13 | 0 | 626 |
| Carbon | 339 | 184 | 155 | 337 | 1 | 0 | 338 |
| Emery | 10 | 4 | 6 | 0 | 10 | 0 | 0 |
| Grand | 104 | 47 | 57 | 103 | 0 | 0 | 103 |
| San Juan | 189 | 87 | 102 | 185 | 2 | 0 | 185 |
| **Southwest** | 4,183 | 2,150 | 2,033 | 3,463 | 103 | 590 | 3,705 |
| Beaver | 92 | 44 | 48 | 90 | 1 | 0 | 90 |
| Garfield | 39 | 18 | 21 | 20 | 1 | 18 | 38 |
| Iron | 959 | 521 | 438 | 712 | 33 | 199 | 920 |
| Kane | 85 | 48 | 37 | 82 | 2 | 0 | 83 |
| Washington | 3,008 | 1,519 | 1,489 | 2,559 | 66 | 373 | 2,574 |
| **Summit** | 36 | 17 | 19 | 6 | 5 | 24 | 30 |
| **Tooele** | 461 | 223 | 238 | 450 | 8 | 0 | 450 |
| **TriCounty** | 1,122 | 585 | 537 | 1,104 | 13 | 0 | 1,104 |
| Daggett | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Duchesne | 624 | 323 | 301 | 617 | 5 | 0 | 617 |
| Uintah | 497 | 262 | 235 | 487 | 8 | 0 | 487 |
| **Utah County** | 11,806 | 6,041 | 5,765 | 10,606 | 241 | 897 | 11,539 |
| **Wasatch** | 240 | 131 | 109 | 234 | 5 | 0 | 234 |
| **Weber-Morgan** | 6,719 | 3,488 | 3,231 | 5,677 | 34 | 1,001 | 6,679 |
| Morgan | 2 | 1 | 1 | 0 | 2 | 0 | 0 |
| Weber | 6,717 | 3,487 | 3,230 | 5,677 | 32 | 1,001 | 6,679 |

## Table A2. Births by health district, county of residence of mother, gender, number born and birth order: Utah, 2009

| Health district and county | Total | Gender | | Single and multiple | | Birth order | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Male | Female | Single | Multiple | First | Second | Third | Fourth | Fifth | Sixth and higher | Not stated |
| **Total** | 53,849 | 27,540 | 26,309 | 52,119 | 1,730 | 17,532 | 15,276 | 10,610 | 6,157 | 2,467 | 1,754 | 53 |
| **Bear River** | 3,518 | 1,781 | 1,737 | 3,401 | 117 | 1,095 | 987 | 726 | 416 | 171 | 118 | 5 |
| Box Elder | 961 | 497 | 464 | 926 | 35 | 252 | 283 | 208 | 131 | 47 | 36 | 4 |
| Cache | 2,516 | 1,262 | 1,254 | 2,434 | 82 | 828 | 694 | 513 | 276 | 122 | 82 | 1 |
| Rich | 41 | 22 | 19 | 41 | 0 | 15 | 10 | 5 | 9 | 2 | 0 | 0 |
| **Central Utah** | 1,228 | 631 | 597 | 1,181 | 47 | 356 | 322 | 253 | 177 | 76 | 44 | 0 |
| Juab | 210 | 120 | 90 | 198 | 12 | 42 | 65 | 45 | 33 | 9 | 16 | 0 |
| Millard | 218 | 109 | 109 | 208 | 10 | 65 | 53 | 41 | 33 | 18 | 8 | 0 |
| Piute | 17 | 6 | 11 | 17 | 0 | 3 | 6 | 2 | 5 | 1 | 0 | 0 |
| Sanpete | 393 | 197 | 196 | 383 | 10 | 127 | 90 | 79 | 56 | 28 | 13 | 0 |
| Sevier | 363 | 186 | 177 | 348 | 15 | 111 | 100 | 82 | 48 | 17 | 5 | 0 |
| Wayne | 27 | 13 | 14 | 27 | 0 | 8 | 8 | 4 | 2 | 3 | 2 | 0 |
| **Davis** | 6,071 | 3,143 | 2,928 | 5,872 | 199 | 1,820 | 1,686 | 1,369 | 762 | 266 | 165 | 3 |
| **Salt Lake** | 18,714 | 9,504 | 9,210 | 18,094 | 620 | 6,477 | 5,507 | 3,482 | 1,901 | 756 | 555 | 36 |
| **Southeastern** | 891 | 471 | 420 | 868 | 23 | 277 | 267 | 180 | 86 | 47 | 34 | 0 |
| Carbon | 322 | 168 | 154 | 316 | 6 | 101 | 111 | 67 | 26 | 12 | 5 | 0 |
| Emery | 175 | 106 | 69 | 170 | 5 | 48 | 49 | 45 | 18 | 8 | 7 | 0 |
| Grand | 132 | 70 | 62 | 124 | 8 | 50 | 46 | 18 | 9 | 6 | 3 | 0 |
| San Juan | 262 | 127 | 135 | 258 | 4 | 78 | 61 | 50 | 33 | 21 | 19 | 0 |
| **Southwest** | 3,645 | 1,905 | 1,740 | 3,543 | 102 | 1,060 | 1,044 | 715 | 446 | 187 | 193 | 0 |
| Beaver | 131 | 70 | 61 | 129 | 2 | 41 | 30 | 37 | 18 | 3 | 2 | 0 |
| Garfield | 58 | 29 | 29 | 58 | 0 | 16 | 7 | 17 | 8 | 5 | 5 | 0 |
| Iron | 888 | 469 | 419 | 856 | 32 | 291 | 269 | 167 | 97 | 32 | 32 | 0 |
| Kane | 90 | 48 | 42 | 88 | 2 | 23 | 25 | 19 | 11 | 6 | 6 | 0 |
| Washington | 2,478 | 1,289 | 1,189 | 2,412 | 66 | 689 | 713 | 475 | 312 | 141 | 148 | 0 |
| **Summit** | 562 | 286 | 276 | 543 | 19 | 198 | 198 | 94 | 52 | 10 | 9 | 1 |
| **Tooele** | 1,099 | 535 | 564 | 1,055 | 44 | 333 | 321 | 216 | 128 | 66 | 35 | 0 |
| **TriCounty** | 1,167 | 604 | 563 | 1,136 | 31 | 352 | 318 | 272 | 135 | 58 | 32 | 0 |
| Daggett | 12 | 7 | 5 | 12 | 0 | 3 | 4 | 3 | 1 | 1 | 0 | 0 |
| Duchesne | 433 | 235 | 198 | 422 | 11 | 129 | 119 | 92 | 51 | 26 | 16 | 0 |
| Uintah | 722 | 362 | 360 | 702 | 20 | 220 | 195 | 177 | 83 | 31 | 16 | 0 |
| **Utah County** | 12,168 | 6,214 | 5,954 | 11,765 | 403 | 3,997 | 3,160 | 2,357 | 1,541 | 654 | 453 | 6 |
| **Wasatch** | 389 | 201 | 188 | 380 | 9 | 105 | 108 | 83 | 54 | 20 | 19 | 0 |
| **Weber-Morgan** | 4,397 | 2,265 | 2,132 | 4,281 | 116 | 1,462 | 1,358 | 863 | 459 | 156 | 97 | 2 |
| Morgan | 177 | 99 | 78 | 166 | 11 | 35 | 45 | 51 | 30 | 9 | 7 | 0 |
| Weber | 4,220 | 2,166 | 2,054 | 4,115 | 105 | 1,427 | 1,313 | 812 | 429 | 147 | 90 | 2 |

## Table A3. Births by health district, county of residence of mother and month of occurrence: Utah, 2009

| Health district and county | Total | Month of occurrence | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Total | 53,849 | 4,231 | 4,038 | 4,599 | 4,688 | 4,817 | 4,721 | 4,821 | 4,574 | 4,749 | 4,443 | 3,961 | 4,207 |
| Bear River | 3,518 | 271 | 240 | 293 | 295 | 322 | 315 | 318 | 291 | 353 | 284 | 262 | 274 |
| Box Elder | 961 | 67 | 64 | 87 | 65 | 77 | 87 | 85 | 90 | 96 | 79 | 75 | 89 |
| Cache | 2,516 | 199 | 174 | 203 | 222 | 241 | 227 | 228 | 199 | 251 | 204 | 184 | 184 |
| Rich | 41 | 5 | 2 | 3 | 8 | 4 | 1 | 5 | 2 | 6 | 1 | 3 | 1 |
| Central Utah | 1,228 | 98 | 81 | 100 | 110 | 122 | 101 | 109 | 115 | 104 | 111 | 73 | 104 |
| Juab | 210 | 20 | 13 | 21 | 21 | 25 | 24 | 15 | 24 | 12 | 17 | 10 | 8 |
| Millard | 218 | 18 | 8 | 22 | 19 | 18 | 15 | 22 | 29 | 15 | 15 | 15 | 22 |
| Piute | 17 | 0 | 0 | 2 | 0 | 3 | 3 | 1 | 0 | 2 | 3 | 2 | 1 |
| Sanpete | 393 | 29 | 37 | 26 | 31 | 39 | 29 | 34 | 30 | 35 | 40 | 26 | 37 |
| Sevier | 363 | 30 | 23 | 28 | 38 | 34 | 27 | 33 | 29 | 37 | 33 | 18 | 33 |
| Wayne | 27 | 1 | 0 | 1 | 1 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 3 |
| Davis | 6,071 | 408 | 473 | 535 | 545 | 560 | 524 | 539 | 539 | 525 | 512 | 460 | 451 |
| Salt Lake | 18,714 | 1,536 | 1,371 | 1,624 | 1,632 | 1,692 | 1,594 | 1,616 | 1,638 | 1,631 | 1,574 | 1,389 | 1,417 |
| Southeastern | 891 | 67 | 84 | 70 | 62 | 74 | 66 | 77 | 80 | 93 | 80 | 63 | 75 |
| Carbon | 322 | 18 | 30 | 26 | 24 | 28 | 25 | 34 | 25 | 32 | 27 | 22 | 31 |
| Emery | 175 | 13 | 19 | 15 | 10 | 18 | 13 | 12 | 21 | 15 | 12 | 15 | 12 |
| Grand | 132 | 11 | 13 | 9 | 10 | 5 | 12 | 5 | 16 | 13 | 14 | 10 | 14 |
| San Juan | 262 | 25 | 22 | 20 | 18 | 23 | 16 | 26 | 18 | 33 | 27 | 16 | 18 |
| Southwest | 3,645 | 287 | 299 | 283 | 317 | 311 | 348 | 333 | 297 | 276 | 337 | 282 | 275 |
| Beaver | 131 | 9 | 19 | 9 | 6 | 10 | 10 | 12 | 10 | 8 | 13 | 11 | 14 |
| Garfield | 58 | 4 | 3 | 2 | 7 | 6 | 7 | 3 | 8 | 4 | 8 | 3 | 3 |
| Iron | 888 | 65 | 66 | 76 | 85 | 79 | 91 | 77 | 75 | 67 | 67 | 63 | 77 |
| Kane | 90 | 8 | 9 | 7 | 7 | 7 | 10 | 12 | 5 | 7 | 6 | 4 | 8 |
| Washington | 2,478 | 201 | 202 | 189 | 212 | 209 | 230 | 229 | 199 | 190 | 243 | 201 | 173 |
| Summit | 562 | 37 | 32 | 48 | 48 | 54 | 53 | 45 | 39 | 59 | 52 | 42 | 53 |
| Tooele | 1,099 | 87 | 82 | 82 | 91 | 93 | 87 | 110 | 99 | 106 | 94 | 84 | 84 |
| TriCounty | 1,167 | 82 | 95 | 102 | 106 | 109 | 106 | 119 | 86 | 104 | 74 | 89 | 95 |
| Daggett | 12 | 0 | 2 | 0 | 0 | 1 | 4 | 0 | 1 | 0 | 2 | 1 | 1 |
| Duchesne | 433 | 35 | 35 | 46 | 38 | 34 | 34 | 51 | 34 | 36 | 21 | 35 | 34 |
| Uintah | 722 | 47 | 58 | 56 | 68 | 74 | 68 | 68 | 51 | 68 | 51 | 53 | 60 |
| Utah County | 12,168 | 982 | 930 | 1,071 | 1,076 | 1,079 | 1,088 | 1,091 | 1,011 | 1,070 | 937 | 846 | 987 |
| Wasatch | 389 | 28 | 27 | 30 | 31 | 22 | 35 | 43 | 31 | 49 | 31 | 33 | 29 |
| Weber-Morgan | 4,397 | 348 | 324 | 361 | 375 | 379 | 404 | 421 | 348 | 379 | 357 | 338 | 363 |
| Morgan | 177 | 16 | 15 | 10 | 13 | 21 | 26 | 18 | 10 | 15 | 8 | 14 | 11 |
| Weber | 4,220 | 332 | 309 | 351 | 362 | 358 | 378 | 403 | 338 | 364 | 349 | 324 | 352 |

## Table A4. Births by health district, county of residence and age of mother: Utah, 2009

| Health district and county | | Age | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Under 15 | 15 to 19 | | | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 and over | Not stated |
| | | | Total | 15-17 | 18-19 | | | | | | | |
| **Total** | 53,849 | 33 | 3,353 | 992 | 2,361 | 13,418 | 18,784 | 12,942 | 4,485 | 768 | 63 | 3 |
| **Bear River** | 3,518 | 1 | 191 | 60 | 131 | 911 | 1,294 | 858 | 227 | 34 | 2 | 0 |
| **Box Elder** | 961 | 1 | 76 | 25 | 51 | 221 | 349 | 248 | 54 | 10 | 2 | 0 |
| **Cache** | 2,516 | 0 | 113 | 35 | 78 | 681 | 928 | 602 | 169 | 23 | 0 | 0 |
| **Rich** | 41 | 0 | 2 | 0 | 2 | 9 | 17 | 8 | 4 | 1 | 0 | 0 |
| **Central Utah** | 1,228 | 0 | 109 | 32 | 77 | 369 | 412 | 257 | 70 | 9 | 1 | 1 |
| **Juab** | 210 | 0 | 14 | 3 | 11 | 64 | 80 | 34 | 14 | 4 | 0 | 0 |
| **Millard** | 218 | 0 | 23 | 11 | 12 | 65 | 58 | 52 | 18 | 2 | 0 | 0 |
| **Piute** | 17 | 0 | 1 | 1 | 0 | 5 | 5 | 6 | 0 | 0 | 0 | 0 |
| **Sanpete** | 393 | 0 | 34 | 10 | 24 | 117 | 128 | 91 | 20 | 2 | 1 | 0 |
| **Sevier** | 363 | 0 | 36 | 7 | 29 | 111 | 129 | 69 | 16 | 1 | 0 | 1 |
| **Wayne** | 27 | 0 | 1 | 0 | 1 | 7 | 12 | 5 | 2 | 0 | 0 | 0 |
| **Davis** | 6,071 | 0 | 249 | 62 | 187 | 1,351 | 2,219 | 1,667 | 508 | 73 | 4 | 0 |
| **Salt Lake** | 18,714 | 20 | 1,355 | 424 | 931 | 4,190 | 6,252 | 4,718 | 1,825 | 325 | 27 | 2 |
| **Southeastern** | 891 | 1 | 100 | 25 | 75 | 284 | 270 | 163 | 58 | 13 | 2 | 0 |
| **Carbon** | 322 | 0 | 34 | 12 | 22 | 114 | 105 | 53 | 11 | 5 | 0 | 0 |
| **Emery** | 175 | 0 | 19 | 3 | 16 | 61 | 54 | 31 | 8 | 1 | 1 | 0 |
| **Grand** | 132 | 0 | 17 | 2 | 15 | 36 | 37 | 26 | 13 | 2 | 1 | 0 |
| **San Juan** | 262 | 1 | 30 | 8 | 22 | 73 | 74 | 53 | 26 | 5 | 0 | 0 |
| **Southwest** | 3,645 | 0 | 244 | 57 | 187 | 1,055 | 1,288 | 743 | 249 | 60 | 6 | 0 |
| **Beaver** | 131 | 0 | 15 | 0 | 15 | 37 | 50 | 22 | 6 | 1 | 0 | 0 |
| **Garfield** | 58 | 0 | 7 | 3 | 4 | 11 | 20 | 12 | 7 | 1 | 0 | 0 |
| **Iron** | 888 | 0 | 67 | 15 | 52 | 284 | 322 | 156 | 46 | 11 | 2 | 0 |
| **Kane** | 90 | 0 | 5 | 1 | 4 | 28 | 31 | 18 | 6 | 2 | 0 | 0 |
| **Washington** | 2,478 | 0 | 150 | 38 | 112 | 695 | 865 | 535 | 184 | 45 | 4 | 0 |
| **Summit** | 562 | 0 | 29 | 5 | 24 | 104 | 151 | 163 | 95 | 19 | 1 | 0 |
| **Tooele** | 1,099 | 1 | 88 | 30 | 58 | 279 | 391 | 248 | 76 | 15 | 1 | 0 |
| **TriCounty** | 1,167 | 1 | 119 | 29 | 90 | 379 | 376 | 219 | 61 | 12 | 0 | 0 |
| **Daggett** | 12 | 0 | 0 | 0 | 0 | 4 | 2 | 4 | 2 | 0 | 0 | 0 |
| **Duchesne** | 433 | 0 | 49 | 9 | 40 | 137 | 144 | 74 | 26 | 3 | 0 | 0 |
| **Uintah** | 722 | 1 | 70 | 20 | 50 | 238 | 230 | 141 | 33 | 9 | 0 | 0 |
| **Utah County** | 12,168 | 7 | 466 | 143 | 323 | 3,143 | 4,516 | 2,884 | 980 | 162 | 10 | 0 |
| **Wasatch** | 389 | 0 | 19 | 6 | 13 | 72 | 125 | 115 | 53 | 4 | 1 | 0 |
| **Weber-Morgan** | 4,397 | 2 | 384 | 119 | 265 | 1,281 | 1,490 | 907 | 283 | 42 | 8 | 0 |
| **Morgan** | 177 | 0 | 5 | 1 | 4 | 41 | 57 | 60 | 12 | 2 | 0 | 0 |
| **Weber** | 4,220 | 2 | 379 | 118 | 261 | 1,240 | 1,433 | 847 | 271 | 40 | 8 | 0 |

## Errata published 05/05/2011: Table A5. Births by health district, county of residence and race/ethnicity of mother: Utah, 2009

Data for API are corrected.

| Health district and county | Total | Race/ethnicity of mother: White | Hispanic all races | Black | Native American | Asian and Pacific Islander | Other races | Not stated |
|---|---|---|---|---|---|---|---|---|
| **Total** | 53,849 | 41,736 | 8,766 | 522 | 623 | 1,733 | 49 | 420 |
| **Bear River** | 3,518 | 3030 | 386 | 19 | 17 | 50 | 1 | 15 |
| **Box Elder** | 961 | 847 | 88 | 3 | 6 | 9 | 0 | 8 |
| **Cache** | 2,516 | 2144 | 296 | 16 | 11 | 41 | 1 | 7 |
| **Rich** | 41 | 39 | 2 | 0 | 0 | 0 | 0 | 0 |
| **Central Utah** | 1,228 | 1076 | 119 | 2 | 14 | 15 | 0 | 2 |
| **Juab** | 210 | 201 | 5 | 0 | 3 | 1 | 0 | 0 |
| **Millard** | 218 | 181 | 31 | 0 | 1 | 5 | 0 | 0 |
| **Piute** | 17 | 16 | 1 | 0 | 0 | 0 | 0 | 0 |
| **Sanpete** | 393 | 322 | 63 | 0 | 4 | 3 | 0 | 1 |
| **Sevier** | 363 | 329 | 19 | 2 | 6 | 6 | 0 | 1 |
| **Wayne** | 27 | 27 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Davis** | 6,071 | 5277 | 552 | 52 | 27 | 133 | 2 | 28 |
| **Salt Lake** | 18,714 | 12570 | 4,347 | 335 | 143 | 1,037 | 32 | 250 |
| **Southeastern** | 891 | 622 | 91 | 0 | 173 | 4 | 0 | 1 |
| **Carbon** | 322 | 271 | 43 | 0 | 3 | 4 | 0 | 1 |
| **Emery** | 175 | 156 | 18 | 0 | 1 | 0 | 0 | 0 |
| **Grand** | 132 | 101 | 19 | 0 | 12 | 0 | 0 | 0 |
| **San Juan** | 262 | 94 | 11 | 0 | 157 | 0 | 0 | 0 |
| **Southwest** | 3,645 | 3040 | 471 | 15 | 58 | 58 | 1 | 2 |
| **Beaver** | 131 | 103 | 26 | 0 | 0 | 2 | 0 | 0 |
| **Garfield** | 58 | 54 | 2 | 0 | 2 | 0 | 0 | 0 |
| **Iron** | 888 | 785 | 76 | 4 | 17 | 6 | 0 | 0 |
| **Kane** | 90 | 85 | 3 | 0 | 1 | 1 | 0 | 0 |
| **Washington** | 2,478 | 2013 | 364 | 11 | 38 | 49 | 1 | 2 |
| **Summit** | 562 | 375 | 166 | 1 | 2 | 10 | 0 | 8 |
| **Tooele** | 1,099 | 932 | 135 | 3 | 4 | 16 | 2 | 7 |
| **TriCounty** | 1,167 | 970 | 87 | 1 | 94 | 10 | 1 | 4 |
| **Daggett** | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Duchesne** | 433 | 367 | 35 | 0 | 28 | 1 | 1 | 1 |
| **Uintah** | 722 | 591 | 52 | 1 | 66 | 9 | 0 | 3 |
| **Utah County** | 12,168 | 10229 | 1,420 | 43 | 59 | 321 | 7 | 89 |
| **Wasatch** | 389 | 298 | 76 | 2 | 5 | 2 | 0 | 6 |
| **Weber-Morgan** | 4,397 | 3317 | 916 | 49 | 27 | 77 | 3 | 8 |
| **Morgan** | 177 | 175 | 2 | 0 | 0 | 0 | 0 | 0 |
| **Weber** | 4,220 | 3142 | 914 | 49 | 27 | 77 | 3 | 8 |

Hispanic births are not distributed by race.

## Table A6. Births by health district, county of residence of mother and birthweight of infant: Utah, 2009

| Health district and county | Total | Birthweight in grams: Under 1000 | 1000-1499 | 1500-1999 | 2000-2499 | 2500-2999 | 3000-3499 | 3500-3999 | 4000-4499 | 4500 and over | Un-known |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 53,849 | 266 | 296 | 682 | 2,533 | 10,169 | 22,178 | 14,075 | 3,229 | 417 | 4 |
| Bear River | 3,518 | 18 | 21 | 42 | 168 | 660 | 1,432 | 931 | 218 | 28 | 0 |
| Box Elder | 961 | 3 | 8 | 12 | 56 | 181 | 400 | 238 | 53 | 10 | 0 |
| Cache | 2,516 | 14 | 13 | 30 | 111 | 469 | 1,014 | 683 | 164 | 18 | 0 |
| Rich | 41 | 1 | 0 | 0 | 1 | 10 | 18 | 10 | 1 | 0 | 0 |
| Central Utah | 1,228 | 1 | 11 | 15 | 61 | 283 | 487 | 296 | 63 | 11 | 0 |
| Juab | 210 | 0 | 2 | 1 | 8 | 47 | 81 | 52 | 15 | 4 | 0 |
| Millard | 218 | 0 | 1 | 6 | 15 | 43 | 89 | 53 | 9 | 2 | 0 |
| Piute | 17 | 0 | 0 | 1 | 0 | 7 | 8 | 1 | 0 | 0 | 0 |
| Sanpete | 393 | 0 | 1 | 2 | 16 | 97 | 162 | 92 | 19 | 4 | 0 |
| Sevier | 363 | 1 | 7 | 5 | 19 | 82 | 137 | 92 | 19 | 1 | 0 |
| Wayne | 27 | 0 | 0 | 0 | 3 | 7 | 10 | 6 | 1 | 0 | 0 |
| Davis | 6,071 | 36 | 19 | 73 | 286 | 1,203 | 2,556 | 1,548 | 315 | 35 | 0 |
| Salt Lake | 18,714 | 106 | 115 | 271 | 905 | 3,498 | 7,666 | 4,836 | 1,163 | 150 | 4 |
| Southeastern | 891 | 4 | 5 | 14 | 50 | 201 | 357 | 219 | 34 | 7 | 0 |
| Carbon | 322 | 1 | 1 | 10 | 17 | 86 | 126 | 70 | 8 | 3 | 0 |
| Emery | 175 | 2 | 0 | 1 | 10 | 44 | 75 | 31 | 11 | 1 | 0 |
| Grand | 132 | 1 | 2 | 1 | 8 | 22 | 45 | 42 | 11 | 0 | 0 |
| San Juan | 262 | 0 | 2 | 2 | 15 | 49 | 111 | 76 | 4 | 3 | 0 |
| Southwest | 3,645 | 15 | 14 | 35 | 160 | 714 | 1,528 | 967 | 186 | 26 | 0 |
| Beaver | 131 | 1 | 0 | 0 | 5 | 27 | 43 | 47 | 8 | 0 | 0 |
| Garfield | 58 | 0 | 1 | 0 | 4 | 8 | 35 | 10 | 0 | 0 | 0 |
| Iron | 888 | 2 | 6 | 14 | 45 | 173 | 383 | 211 | 50 | 4 | 0 |
| Kane | 90 | 0 | 0 | 0 | 5 | 17 | 36 | 24 | 7 | 1 | 0 |
| Washington | 2,478 | 12 | 7 | 21 | 101 | 489 | 1,031 | 675 | 121 | 21 | 0 |
| Summit | 562 | 6 | 6 | 9 | 29 | 109 | 234 | 141 | 25 | 3 | 0 |
| Tooele | 1,099 | 6 | 8 | 21 | 63 | 215 | 475 | 251 | 54 | 6 | 0 |
| TriCounty | 1,167 | 4 | 10 | 16 | 58 | 273 | 463 | 284 | 53 | 6 | 0 |
| Daggett | 12 | 0 | 0 | 0 | 0 | 3 | 6 | 3 | 0 | 0 | 0 |
| Duchesne | 433 | 1 | 3 | 8 | 22 | 102 | 158 | 116 | 22 | 1 | 0 |
| Uintah | 722 | 3 | 7 | 8 | 36 | 168 | 299 | 165 | 31 | 5 | 0 |
| Utah County | 12,168 | 50 | 63 | 137 | 491 | 2,039 | 4,913 | 3,462 | 892 | 121 | 0 |
| Wasatch | 389 | 1 | 0 | 3 | 27 | 71 | 157 | 115 | 14 | 1 | 0 |
| Weber-Morgan | 4,397 | 19 | 24 | 46 | 235 | 903 | 1,910 | 1,025 | 212 | 23 | 0 |
| Morgan | 177 | 2 | 2 | 1 | 5 | 37 | 70 | 55 | 5 | 0 | 0 |
| Weber | 4,220 | 17 | 22 | 45 | 230 | 866 | 1,840 | 970 | 207 | 23 | 0 |

## Table A7. Births by health district, county of residence of mother and number of prenatal visits: Utah, 2009

| Health district and county | Total | Number of prenatal visits | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | None | 1-5 | 6-9 | 10-14 | 15-18 | 19-27 | 28 and over | Not stated |
| **Total** | 53,849 | 346 | 2,198 | 10,391 | 36,210 | 3,065 | 423 | 84 | 1,132 |
| **Bear River** | 3,518 | 10 | 120 | 666 | 2,489 | 196 | 26 | 4 | 7 |
| **Box Elder** | 961 | 4 | 28 | 211 | 652 | 54 | 8 | 1 | 3 |
| **Cache** | 2,516 | 6 | 91 | 444 | 1,811 | 139 | 18 | 3 | 4 |
| **Rich** | 41 | 0 | 1 | 11 | 26 | 3 | 0 | 0 | 0 |
| **Central Utah** | 1,228 | 1 | 70 | 257 | 789 | 81 | 14 | 0 | 16 |
| **Juab** | 210 | 0 | 10 | 44 | 140 | 11 | 2 | 0 | 3 |
| **Millard** | 218 | 0 | 13 | 57 | 126 | 14 | 3 | 0 | 5 |
| **Piute** | 17 | 0 | 0 | 3 | 12 | 1 | 0 | 0 | 1 |
| **Sanpete** | 393 | 0 | 28 | 86 | 242 | 30 | 4 | 0 | 3 |
| **Sevier** | 363 | 1 | 18 | 63 | 251 | 23 | 4 | 0 | 3 |
| **Wayne** | 27 | 0 | 1 | 4 | 18 | 2 | 1 | 0 | 1 |
| **Davis** | 6,071 | 19 | 186 | 1,115 | 4,214 | 396 | 38 | 15 | 88 |
| **Salt Lake** | 18,714 | 222 | 920 | 3,712 | 12,066 | 894 | 116 | 29 | 755 |
| **Southeastern** | 891 | 7 | 73 | 298 | 483 | 17 | 1 | 2 | 10 |
| **Carbon** | 322 | 2 | 19 | 98 | 196 | 2 | 1 | 1 | 3 |
| **Emery** | 175 | 1 | 14 | 57 | 98 | 3 | 0 | 0 | 2 |
| **Grand** | 132 | 0 | 13 | 54 | 59 | 2 | 0 | 1 | 3 |
| **San Juan** | 262 | 4 | 27 | 89 | 130 | 10 | 0 | 0 | 2 |
| **Southwest** | 3,645 | 13 | 146 | 738 | 2,386 | 286 | 52 | 12 | 12 |
| **Beaver** | 131 | 1 | 9 | 32 | 75 | 13 | 0 | 0 | 1 |
| **Garfield** | 58 | 0 | 3 | 13 | 39 | 3 | 0 | 0 | 0 |
| **Iron** | 888 | 1 | 21 | 116 | 660 | 68 | 17 | 4 | 1 |
| **Kane** | 90 | 1 | 5 | 29 | 50 | 2 | 0 | 2 | 1 |
| **Washington** | 2,478 | 10 | 108 | 548 | 1,562 | 200 | 35 | 6 | 9 |
| **Summit** | 562 | 2 | 30 | 137 | 338 | 32 | 3 | 3 | 17 |
| **Tooele** | 1,099 | 6 | 57 | 264 | 694 | 42 | 6 | 2 | 28 |
| **TriCounty** | 1,167 | 7 | 71 | 291 | 683 | 72 | 30 | 1 | 12 |
| **Daggett** | 12 | 0 | 1 | 1 | 8 | 1 | 0 | 0 | 1 |
| **Duchesne** | 433 | 1 | 16 | 91 | 278 | 31 | 12 | 1 | 3 |
| **Uintah** | 722 | 6 | 54 | 199 | 397 | 40 | 18 | 0 | 8 |
| **Utah County** | 12,168 | 33 | 327 | 1,947 | 8,917 | 696 | 84 | 8 | 156 |
| **Wasatch** | 389 | 0 | 26 | 93 | 242 | 18 | 2 | 0 | 8 |
| **Weber-Morgan** | 4,397 | 26 | 172 | 873 | 2,909 | 335 | 51 | 8 | 23 |
| **Morgan** | 177 | 1 | 2 | 30 | 129 | 12 | 2 | 0 | 1 |
| **Weber** | 4,220 | 25 | 170 | 843 | 2,780 | 323 | 49 | 8 | 22 |

## Table A8. Births by race/ethnicity of mother, birth order of infant and age of mother, residents: Utah, 2009

| Race/ethnicity of mother and birth order of infant | Total | Age of mother: Under 15 | 15 to 19: Total | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 and over | Not stated |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total** | 53,849 | 33 | 3,353 | 992 | 2,361 | 13,418 | 18,784 | 12,942 | 4,485 | 768 | 63 | 3 |
| First | 17,532 | 33 | 2,702 | 902 | 1,800 | 7,236 | 5,133 | 1,832 | 501 | 78 | 14 | 3 |
| Second | 15,276 | 0 | 566 | 85 | 481 | 4,353 | 6,442 | 2,915 | 848 | 138 | 14 | 0 |
| Third | 10,610 | 0 | 73 | 4 | 69 | 1,361 | 4,608 | 3,499 | 930 | 138 | 1 | 0 |
| Fourth | 6,157 | 0 | 5 | 0 | 5 | 365 | 1,852 | 2,874 | 935 | 118 | 8 | 0 |
| Fifth | 2,467 | 0 | 1 | 0 | 1 | 74 | 497 | 1,188 | 583 | 116 | 8 | 0 |
| Sixth or more | 1,754 | 0 | 1 | 0 | 1 | 17 | 231 | 626 | 682 | 179 | 18 | 0 |
| Not stated | 53 | 0 | 5 | 1 | 4 | 12 | 21 | 8 | 6 | 1 | 0 | 0 |
| **White** | 41,736 | 10 | 1,843 | 455 | 1,388 | 10,205 | 15,358 | 10,432 | 3,306 | 529 | 50 | 3 |
| First | 13,702 | 10 | 1,569 | 429 | 1,140 | 5,913 | 4,318 | 1,449 | 374 | 55 | 11 | 3 |
| Second | 11,817 | 0 | 249 | 26 | 223 | 3,200 | 5,346 | 2,312 | 600 | 97 | 13 | 0 |
| Third | 8,173 | 0 | 20 | 0 | 20 | 846 | 3,771 | 2,812 | 636 | 87 | 1 | 0 |
| Fourth | 4,816 | 0 | 4 | 0 | 4 | 201 | 1,429 | 2,388 | 712 | 77 | 5 | 0 |
| Fifth | 1,897 | 0 | 0 | 0 | 0 | 34 | 338 | 987 | 449 | 84 | 5 | 0 |
| Sixth or more | 1,312 | 0 | 1 | 0 | 1 | 7 | 146 | 480 | 534 | 129 | 15 | 0 |
| Not stated | 19 | 0 | 0 | 0 | 0 | 4 | 10 | 4 | 1 | 0 | 0 | 0 |
| **Hispanic all races** | 8,766 | 23 | 1,256 | 473 | 783 | 2,356 | 2,431 | 1,736 | 794 | 163 | 7 | 0 |
| First | 2,714 | 23 | 938 | 417 | 521 | 951 | 514 | 202 | 72 | 12 | 2 | 0 |
| Second | 2,524 | 0 | 268 | 52 | 216 | 866 | 808 | 414 | 145 | 23 | 0 | 0 |
| Third | 1,859 | 0 | 46 | 3 | 43 | 381 | 640 | 528 | 218 | 46 | 0 | 0 |
| Fourth | 998 | 0 | 0 | 0 | 0 | 114 | 323 | 363 | 171 | 25 | 2 | 0 |
| Fifth | 394 | 0 | 1 | 0 | 1 | 33 | 92 | 140 | 102 | 25 | 1 | 0 |
| Sixth or more | 256 | 0 | 0 | 0 | 0 | 7 | 47 | 85 | 83 | 32 | 2 | 0 |
| Not stated | 21 | 0 | 3 | 1 | 2 | 4 | 7 | 4 | 3 | 0 | 0 | 0 |
| **Black** | 522 | 0 | 49 | 12 | 37 | 173 | 141 | 104 | 44 | 10 | 1 | 0 |
| First | 147 | 0 | 36 | 11 | 25 | 61 | 27 | 20 | 2 | 1 | 0 | 0 |
| Second | 143 | 0 | 10 | 1 | 9 | 58 | 41 | 23 | 9 | 2 | 0 | 0 |
| Third | 93 | 0 | 3 | 0 | 3 | 33 | 33 | 19 | 4 | 1 | 0 | 0 |
| Fourth | 53 | 0 | 0 | 0 | 0 | 18 | 13 | 13 | 8 | 0 | 1 | 0 |
| Fifth | 34 | 0 | 0 | 0 | 0 | 1 | 12 | 13 | 6 | 2 | 0 | 0 |
| Sixth or more | 49 | 0 | 0 | 0 | 0 | 1 | 15 | 16 | 14 | 3 | 0 | 0 |
| Not stated | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| **Native American** | 623 | 0 | 92 | 29 | 63 | 201 | 165 | 109 | 48 | 8 | 0 | 0 |
| First | 193 | 0 | 71 | 25 | 46 | 82 | 27 | 10 | 3 | 0 | 0 | 0 |
| Second | 157 | 0 | 17 | 3 | 14 | 75 | 40 | 18 | 7 | 0 | 0 | 0 |
| Third | 116 | 0 | 3 | 1 | 2 | 28 | 46 | 25 | 14 | 0 | 0 | 0 |
| Fourth | 87 | 0 | 1 | 0 | 1 | 13 | 32 | 31 | 6 | 4 | 0 | 0 |
| Fifth | 40 | 0 | 0 | 0 | 0 | 3 | 18 | 12 | 6 | 1 | 0 | 0 |
| Sixth or more | 30 | 0 | 0 | 0 | 0 | 0 | 2 | 13 | 12 | 3 | 0 | 0 |
| Not stated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Table A8 continued. Births by race/ethnicity of mother, birth order of infant and age of mother, residents: Utah, 2009

| Race/ethnicity of mother and birth order of infant | Total | Age of mother: Under 15 | 15 to 19: Total | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Asian and Pacific Islander | 1,475 | 0 | 68 | 15 | 53 | 281 | 462 | 409 | 210 | 44 | 1 |
| First | 569 | 0 | 55 | 14 | 41 | 144 | 194 | 123 | 44 | 8 | 1 |
| Second | 449 | 0 | 12 | 1 | 11 | 84 | 141 | 123 | 75 | 14 | 0 |
| Third | 244 | 0 | 1 | 0 | 1 | 43 | 79 | 80 | 40 | 1 | 0 |
| Fourth | 117 | 0 | 0 | 0 | 0 | 7 | 28 | 47 | 24 | 11 | 0 |
| Fifth | 46 | 0 | 0 | 0 | 0 | 1 | 13 | 21 | 9 | 2 | 0 |
| Sixth or more | 49 | 0 | 0 | 0 | 0 | 1 | 7 | 15 | 18 | 8 | 0 |
| Not stated | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Other races | 49 | 0 | 5 | 0 | 5 | 12 | 17 | 6 | 8 | 1 | 0 |
| First | 17 | 0 | 3 | 0 | 3 | 7 | 6 | 0 | 0 | 1 | 0 |
| Second | 12 | 0 | 1 | 0 | 1 | 2 | 4 | 1 | 4 | 0 | 0 |
| Third | 7 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 2 | 0 | 0 |
| Fourth | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 2 | 0 | 0 |
| Fifth | 3 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 |
| Sixth or more | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Not stated | 2 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Not stated | 678 | 0 | 40 | 8 | 32 | 190 | 210 | 146 | 75 | 13 | 4 |
| First | 190 | 0 | 30 | 6 | 24 | 78 | 47 | 28 | 6 | 1 | 0 |
| Second | 174 | 0 | 9 | 2 | 7 | 68 | 62 | 24 | 8 | 2 | 1 |
| Third | 118 | 0 | 0 | 0 | 0 | 28 | 37 | 34 | 16 | 3 | 0 |
| Fourth | 80 | 0 | 0 | 0 | 0 | 12 | 26 | 29 | 12 | 1 | 0 |
| Fifth | 53 | 0 | 0 | 0 | 0 | 2 | 22 | 14 | 11 | 2 | 2 |
| Sixth or more | 56 | 0 | 0 | 0 | 0 | 1 | 12 | 17 | 21 | 4 | 1 |
| Not stated | 7 | 0 | 1 | 0 | 1 | 1 | 4 | 0 | 1 | 0 | 0 |

Hispanic births are not distributed by race.

## Errata Table A9. Births by race/ethnicity and age of mother and number of prenatal visits, residents: Utah, 2009

Data for API are corrected.

| Race/ethnicity and age of mother | Total | Number of prenatal visits | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | None | 1-5 | 6-9 | 10-14 | 15-18 | 19-27 | 28 and over | Not stated |
| **Total** | 53,849 | 346 | 2,198 | 10,391 | 36,210 | 3,065 | 423 | 84 | 1,132 |
| **Under 15** | 33 | 2 | 3 | 12 | 14 | 1 | 0 | 0 | 1 |
| **Total 15-19** | 3,353 | 43 | 262 | 881 | 1,855 | 182 | 16 | 3 | 111 |
| **15-17** | 992 | 16 | 81 | 288 | 510 | 48 | 2 | 0 | 47 |
| **18-19** | 2,361 | 27 | 181 | 593 | 1,345 | 134 | 14 | 3 | 64 |
| **20-24** | 13,418 | 108 | 700 | 2,710 | 8,707 | 781 | 106 | 21 | 285 |
| **25-29** | 18,784 | 95 | 609 | 3,343 | 13,182 | 1,050 | 131 | 34 | 340 |
| **30-34** | 12,942 | 67 | 382 | 2,372 | 9,034 | 721 | 104 | 20 | 242 |
| **35-39** | 4,485 | 25 | 199 | 897 | 2,931 | 255 | 51 | 5 | 122 |
| **40-44** | 768 | 5 | 42 | 161 | 447 | 71 | 15 | 1 | 26 |
| **45 and over** | 63 | 1 | 1 | 15 | 37 | 4 | 0 | 0 | 5 |
| **Not stated** | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| **White** | 41,736 | 133 | 1,094 | 7,154 | 29,734 | 2,524 | 352 | 64 | 681 |
| **Under 15** | 10 | 1 | 0 | 4 | 3 | 1 | 0 | 0 | 1 |
| **Total 15-19** | 1,843 | 17 | 83 | 423 | 1,140 | 121 | 12 | 1 | 46 |
| **15-17** | 455 | 8 | 19 | 113 | 272 | 30 | 1 | 0 | 12 |
| **18-19** | 1,388 | 9 | 64 | 310 | 868 | 91 | 11 | 1 | 34 |
| **20-24** | 10,205 | 33 | 350 | 1,809 | 7,090 | 655 | 87 | 15 | 166 |
| **25-29** | 15,358 | 42 | 343 | 2,472 | 11,227 | 904 | 113 | 25 | 232 |
| **30-34** | 10,432 | 26 | 208 | 1,733 | 7,623 | 591 | 86 | 17 | 148 |
| **35-39** | 3,306 | 9 | 87 | 597 | 2,297 | 198 | 44 | 5 | 69 |
| **40-44** | 529 | 5 | 23 | 105 | 321 | 50 | 10 | 1 | 14 |
| **45 and over** | 50 | 0 | 0 | 11 | 30 | 4 | 0 | 0 | 5 |
| **Not stated** | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| **Hispanic all races** | 8,766 | 134 | 735 | 2,279 | 4,840 | 399 | 52 | 14 | 313 |
| **Under 15** | 23 | 1 | 3 | 8 | 11 | 0 | 0 | 0 | 0 |
| **Total 15-19** | 1,256 | 17 | 139 | 371 | 622 | 52 | 4 | 2 | 49 |
| **15-17** | 473 | 5 | 52 | 152 | 218 | 16 | 1 | 0 | 29 |
| **18-19** | 783 | 12 | 87 | 219 | 404 | 36 | 3 | 2 | 20 |
| **20-24** | 2,356 | 47 | 219 | 632 | 1,251 | 98 | 15 | 5 | 89 |
| **25-29** | 2,431 | 34 | 177 | 600 | 1,430 | 97 | 13 | 6 | 74 |
| **30-34** | 1,736 | 24 | 114 | 435 | 1,000 | 97 | 12 | 1 | 53 |
| **35-39** | 794 | 11 | 71 | 189 | 437 | 43 | 6 | 0 | 37 |
| **40-44** | 163 | 0 | 12 | 41 | 85 | 12 | 2 | 0 | 11 |
| **45 and over** | 7 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 0 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Black** | 522 | 16 | 77 | 155 | 227 | 22 | 4 | 2 | 19 |
| **Under 15** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 15-19** | 49 | 1 | 7 | 14 | 23 | 1 | 0 | 0 | 3 |
| **15-17** | 12 | 1 | 1 | 6 | 4 | 0 | 0 | 0 | 0 |
| **18-19** | 37 | 0 | 6 | 8 | 19 | 1 | 0 | 0 | 3 |
| **20-24** | 173 | 6 | 41 | 52 | 63 | 7 | 0 | 0 | 4 |
| **25-29** | 141 | 4 | 11 | 46 | 65 | 8 | 2 | 0 | 5 |
| **30-34** | 104 | 4 | 10 | 31 | 47 | 4 | 1 | 2 | 5 |
| **35-39** | 44 | 1 | 7 | 10 | 22 | 2 | 0 | 0 | 2 |
| **40-44** | 10 | 0 | 1 | 2 | 6 | 0 | 1 | 0 | 0 |
| **45 and over** | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Native American** | 623 | 10 | 72 | 190 | 304 | 27 | 5 | 0 | 15 |
| **Under 15** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 15-19** | 92 | 2 | 12 | 35 | 39 | 2 | 0 | 0 | 2 |
| **15-17** | 29 | 0 | 3 | 12 | 11 | 1 | 0 | 0 | 2 |
| **18-19** | 63 | 2 | 9 | 23 | 28 | 1 | 0 | 0 | 0 |
| **20-24** | 201 | 1 | 25 | 61 | 102 | 8 | 1 | 0 | 3 |
| **25-29** | 165 | 5 | 15 | 44 | 82 | 12 | 2 | 0 | 5 |
| **30-34** | 109 | 2 | 13 | 34 | 53 | 3 | 1 | 0 | 3 |
| **35-39** | 48 | 0 | 5 | 14 | 24 | 2 | 1 | 0 | 2 |
| **40-44** | 8 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 0 |
| **45 and over** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Errata published 05/05/2011: Table A9 continued. Births by race/ethnicity and age of mother and number of prenatal visits, residents: Utah, 2009

Data for API are corrected.

| Race/ethnicity and age of mother | Total | Number of prenatal visits | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | None | 1-5 | 6-9 | 10-14 | 15-18 | 19-27 | 28 and over | Not stated |
| **Asian and Pacific Islander** | 1,733 | 33 | 172 | 483 | 889 | 80 | 8 | 3 | 65 |
| **Under 15** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 15-19** | 83 | 4 | 18 | 25 | 25 | 5 | 0 | 0 | 6 |
| **15-17** | 19 | 1 | 6 | 5 | 4 | 1 | 0 | 0 | 2 |
| **18-19** | 64 | 3 | 12 | 20 | 21 | 4 | 0 | 0 | 4 |
| **20-24** | 357 | 10 | 49 | 115 | 153 | 10 | 3 | 0 | 17 |
| **25-29** | 545 | 5 | 52 | 142 | 307 | 25 | 0 | 3 | 11 |
| **30-34** | 461 | 10 | 30 | 118 | 254 | 22 | 4 | 0 | 23 |
| **35-39** | 237 | 4 | 21 | 73 | 122 | 10 | 0 | 0 | 7 |
| **40-44** | 47 | 0 | 1 | 9 | 27 | 8 | 1 | 0 | 1 |
| **45 and over** | 3 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Other races** | 49 | 3 | 3 | 16 | 20 | 2 | 1 | 0 | 4 |
| **Under 15** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 15-19** | 5 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 |
| **15-17** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18-19** | 5 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 |
| **20-24** | 12 | 0 | 2 | 5 | 3 | 1 | 0 | 0 | 1 |
| **25-29** | 17 | 2 | 0 | 4 | 7 | 1 | 0 | 0 | 3 |
| **30-34** | 6 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 |
| **35-39** | 8 | 0 | 0 | 3 | 5 | 0 | 0 | 0 | 0 |
| **40-44** | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **45 and over** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Not stated** | 420 | 17 | 45 | 114 | 196 | 11 | 1 | 1 | 35 |
| **Under 15** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 15-19** | 25 | 1 | 2 | 12 | 4 | 1 | 0 | 0 | 5 |
| **15-17** | 4 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| **18-19** | 21 | 0 | 2 | 12 | 3 | 1 | 0 | 0 | 3 |
| **20-24** | 114 | 11 | 14 | 36 | 45 | 2 | 0 | 1 | 5 |
| **25-29** | 127 | 3 | 11 | 35 | 64 | 3 | 1 | 0 | 10 |
| **30-34** | 94 | 1 | 7 | 18 | 54 | 4 | 0 | 0 | 10 |
| **35-39** | 48 | 0 | 8 | 11 | 24 | 0 | 0 | 0 | 5 |
| **40-44** | 10 | 0 | 3 | 2 | 4 | 1 | 0 | 0 | 0 |
| **45 and over** | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Errata published 05/05/2011: Table A10. Births by race/ethnicity of mother, gender and birthweight of infant, residents: Utah, 2009

| Race/ethnicity of mother and gender of infant | Total | Birthweight in grams: Under 1000 | 1000-1499 | 1500-1999 | 2000-2499 | 2500-2999 | 3000-3499 | 3500-3999 | 4000-4499 | 4500 and over | Un-known |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total** | 53,849 | 266 | 296 | 682 | 2,533 | 10,169 | 22,178 | 14,075 | 3,229 | 417 | 4 |
| **Male** | 27,540 | 128 | 138 | 335 | 1,163 | 4,395 | 10,867 | 8,078 | 2,148 | 287 | 1 |
| **Female** | 26,309 | 138 | 158 | 347 | 1,370 | 5,774 | 11,311 | 5,997 | 1,081 | 130 | 3 |
| **White** | 41,736 | 174 | 216 | 518 | 1,902 | 7,526 | 17,130 | 11,256 | 2,687 | 325 | 2 |
| **Male** | 21,424 | 90 | 109 | 247 | 864 | 3,184 | 8,413 | 6,479 | 1,810 | 228 | 0 |
| **Female** | 20,312 | 84 | 107 | 271 | 1,038 | 4,342 | 8,717 | 4,777 | 877 | 97 | 2 |
| **Hispanic all races** | 8,766 | 56 | 51 | 116 | 446 | 1,914 | 3,687 | 2,058 | 372 | 64 | 2 |
| **Male** | 4,399 | 21 | 17 | 61 | 213 | 863 | 1,770 | 1,175 | 238 | 40 | 1 |
| **Female** | 4,367 | 35 | 34 | 55 | 233 | 1,051 | 1,917 | 883 | 134 | 24 | 1 |
| **Black** | 522 | 8 | 4 | 7 | 28 | 144 | 211 | 100 | 18 | 2 | 0 |
| **Male** | 265 | 5 | 1 | 4 | 11 | 65 | 99 | 67 | 11 | 2 | 0 |
| **Female** | 257 | 3 | 3 | 3 | 17 | 79 | 112 | 33 | 7 | 0 | 0 |
| **Native American** | 623 | 3 | 7 | 7 | 32 | 113 | 261 | 163 | 30 | 7 | 0 |
| **Male** | 304 | 1 | 5 | 3 | 18 | 60 | 116 | 82 | 14 | 5 | 0 |
| **Female** | 319 | 2 | 2 | 4 | 14 | 53 | 145 | 81 | 16 | 2 | 0 |
| **Asian and Pacific Islander** | 1,733 | 19 | 13 | 26 | 105 | 375 | 701 | 381 | 97 | 16 | 0 |
| **Male** | 902 | 9 | 6 | 15 | 48 | 177 | 370 | 207 | 60 | 10 | 0 |
| **Female** | 831 | 10 | 7 | 11 | 57 | 198 | 331 | 174 | 37 | 6 | 0 |
| **Other races** | 49 | 4 | 1 | 1 | 1 | 7 | 20 | 12 | 3 | 0 | 0 |
| **Male** | 20 | 1 | 0 | 0 | 1 | 5 | 7 | 5 | 1 | 0 | 0 |
| **Female** | 29 | 3 | 1 | 1 | 0 | 2 | 13 | 7 | 2 | 0 | 0 |
| **Not stated** | 420 | 2 | 4 | 7 | 19 | 90 | 168 | 105 | 22 | 3 | 0 |
| **Male** | 226 | 1 | 0 | 5 | 8 | 41 | 92 | 63 | 14 | 2 | 0 |
| **Female** | 194 | 1 | 4 | 2 | 11 | 49 | 76 | 42 | 8 | 1 | 0 |

Hispanic births are not distributed by race.

## Table A11. Births by gestation period and birthweight of infant, residents: Utah, 2009

| Gestation period in weeks | Total | Birthweight in grams: Under 1000 | 1000-1499 | 1500-1999 | 2000-2499 | 2500-2999 | 3000-3499 | 3500-3999 | 4000-4499 | 4500 and over | Un-known |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total** | 53,849 | 266 | 296 | 682 | 2,533 | 10,169 | 22,178 | 14,075 | 3,229 | 417 | 4 |
| **Under 20** | 14 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **20-27** | 247 | 206 | 32 | 1 | 0 | 4 | 1 | 0 | 0 | 0 | 3 |
| **28-35** | 2,719 | 46 | 258 | 586 | 1,037 | 612 | 147 | 27 | 4 | 2 | 0 |
| **36** | 2,291 | 0 | 3 | 58 | 542 | 1,073 | 524 | 79 | 10 | 2 | 0 |
| **37** | 5,176 | 1 | 0 | 22 | 466 | 2,073 | 1,978 | 548 | 77 | 11 | 0 |
| **38** | 10,631 | 0 | 1 | 7 | 282 | 2,544 | 5,078 | 2,270 | 398 | 51 | 0 |
| **39** | 20,972 | 0 | 1 | 6 | 145 | 2,896 | 9,755 | 6,630 | 1,365 | 174 | 0 |
| **40** | 9,369 | 0 | 1 | 2 | 54 | 839 | 3,848 | 3,513 | 1,000 | 112 | 0 |
| **41** | 2,326 | 0 | 0 | 0 | 6 | 122 | 827 | 961 | 355 | 55 | 0 |
| **42** | 101 | 0 | 0 | 0 | 1 | 5 | 19 | 46 | 20 | 10 | 0 |
| **43** | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| **Not Stated** | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

## Table A12. Births by number of previous births, age and education of mother, residents: Utah, 2009

| Previous births and age of mother | Total | Education of mother: Less than high school | High school graduate or GED | Some college no degree | Associate degree | Bachelor's degree | Master's degree | Doctorate | None | Not stated |
|---|---|---|---|---|---|---|---|---|---|---|
| **Total** | 53,849 | 7,464 | 10,392 | 14,335 | 6,192 | 11,809 | 1,830 | 607 | 33 | 1,187 |
| **Under 20** | 3,386 | 1,922 | 977 | 370 | 12 | 0 | 0 | 0 | 2 | 103 |
| **20-29** | 32,202 | 3,892 | 7,002 | 9,611 | 3,900 | 6,385 | 571 | 159 | 15 | 667 |
| **30 and over** | 18,258 | 1,650 | 2,410 | 4,354 | 2,280 | 5,424 | 1,259 | 448 | 16 | 417 |
| **Not stated** | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **No previous births** | 17,532 | 2,401 | 3,504 | 4,684 | 1,849 | 3,808 | 698 | 240 | 6 | 342 |
| **Under 20** | 2,735 | 1,496 | 823 | 333 | 9 | 0 | 0 | 0 | 1 | 73 |
| **20-29** | 12,369 | 812 | 2,437 | 3,903 | 1,567 | 2,991 | 341 | 96 | 4 | 218 |
| **30 and over** | 2,425 | 93 | 241 | 448 | 273 | 817 | 357 | 144 | 1 | 51 |
| **Not stated** | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **One previous birth** | 15,276 | 1,913 | 3,083 | 4,054 | 1,773 | 3,339 | 559 | 220 | 8 | 327 |
| **Under 20** | 566 | 363 | 137 | 37 | 2 | 0 | 0 | 0 | 1 | 26 |
| **20-29** | 10,795 | 1,303 | 2,444 | 3,153 | 1,337 | 2,133 | 163 | 42 | 6 | 214 |
| **30 and over** | 3,915 | 247 | 502 | 864 | 434 | 1,206 | 396 | 178 | 1 | 87 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Two previous births** | 10,610 | 1,492 | 1,998 | 2,818 | 1,267 | 2,385 | 321 | 95 | 6 | 228 |
| **Under 20** | 73 | 56 | 13 | 0 | 1 | 0 | 0 | 0 | 0 | 3 |
| **20-29** | 5,969 | 997 | 1,368 | 1,721 | 709 | 960 | 60 | 17 | 2 | 135 |
| **30 and over** | 4,568 | 439 | 617 | 1,097 | 557 | 1,425 | 261 | 78 | 4 | 90 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Three previous births** | 6,157 | 895 | 1,064 | 1,625 | 814 | 1,383 | 174 | 36 | 7 | 159 |
| **Under 20** | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20-29** | 2,217 | 498 | 525 | 640 | 226 | 254 | 6 | 3 | 2 | 63 |
| **30 and over** | 3,935 | 393 | 538 | 985 | 588 | 1,129 | 168 | 33 | 5 | 96 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Four and over previous births** | 4,221 | 747 | 731 | 1,149 | 485 | 892 | 78 | 16 | 5 | 118 |
| **Under 20** | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20-29** | 819 | 274 | 220 | 192 | 57 | 45 | 1 | 1 | 1 | 28 |
| **30 and over** | 3,400 | 473 | 509 | 957 | 428 | 847 | 77 | 15 | 4 | 90 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Not stated** | 53 | 16 | 12 | 5 | 4 | 2 | 0 | 0 | 1 | 13 |
| **Under 20** | 5 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **20-29** | 33 | 8 | 8 | 2 | 4 | 2 | 0 | 0 | 0 | 9 |
| **30 and over** | 15 | 5 | 3 | 3 | 0 | 0 | 0 | 0 | 1 | 3 |
| **Not stated** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Table A13. Births by age and education of parents, residents: Utah, 2009

| Age of parents | Total | | Education of parents: Less than high school | | High school graduate | | Some college no degree | | Associate degree | | Bachelor's degree | | Master's degree | | Doctorate | | None | | Not stated | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother |
| Total | 53,849 | 53,849 | 6,041 | 7,464 | 8,726 | 10,392 | 12,869 | 14,335 | 4,448 | 6,192 | 11,412 | 11,809 | 3,527 | 1,830 | 1,626 | 607 | 38 | 33 | 5,162 | 1,187 |
| Under 15 | 3 | 33 | 3 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 15 | 12 | 122 | 12 | 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 16 | 39 | 288 | 34 | 270 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 9 |
| 17 | 159 | 582 | 118 | 496 | 29 | 63 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 13 |
| 18 | 344 | 937 | 183 | 467 | 122 | 340 | 18 | 90 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 37 |
| 19 | 537 | 1,424 | 213 | 538 | 221 | 566 | 61 | 271 | 4 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 40 |
| 20-24 | 7,524 | 13,418 | 1,532 | 2,198 | 2,205 | 3,692 | 2,529 | 4,280 | 523 | 1,297 | 418 | 1,566 | 22 | 58 | 4 | 10 | 6 | 5 | 285 | 312 |
| 25-29 | 17,062 | 18,784 | 1,689 | 1,694 | 2,909 | 3,310 | 4,863 | 5,331 | 1,799 | 2,603 | 4,295 | 4,819 | 787 | 513 | 281 | 149 | 17 | 10 | 422 | 355 |
| 30-34 | 14,722 | 12,942 | 1,202 | 1,070 | 1,984 | 1,780 | 3,359 | 3,223 | 1,346 | 1,686 | 4,240 | 3,856 | 1,546 | 809 | 685 | 255 | 4 | 10 | 356 | 253 |
| 35-39 | 6,666 | 4,485 | 651 | 460 | 788 | 518 | 1,414 | 967 | 551 | 513 | 1,774 | 1,339 | 851 | 388 | 451 | 165 | 6 | 4 | 180 | 131 |
| 40-44 | 2,138 | 768 | 258 | 114 | 317 | 105 | 445 | 151 | 148 | 74 | 495 | 216 | 246 | 51 | 150 | 25 | 4 | 2 | 75 | 30 |
| 45 and over | 847 | 63 | 122 | 6 | 134 | 7 | 162 | 13 | 77 | 7 | 185 | 13 | 75 | 11 | 48 | 3 | 1 | 0 | 43 | 3 |
| Not stated | 3,796 | 3 | 24 | 0 | 14 | 3 | 16 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 3,730 | 0 |

## Provisional Table A14. Births to unmarried mothers by age and education of parents, residents: Utah 2009

| Age of parents | Total | | Education of parents: Less than high school | | High school graduate | | Some college no degree | | Associate degree | | Bachelor's degree | | Master's degree | | Doctorate | | None | | Not stated | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother | Father | Mother |
| Total | 10,486 | 10,486 | 2,750 | 4,167 | 2,376 | 3,283 | 1,158 | 2,026 | 175 | 359 | 137 | 192 | 13 | 38 | 24 | 20 | 10 | 10 | 3,843 | 391 |
| Under 15 | 2 | 32 | 2 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 15 | 11 | 116 | 11 | 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 16 | 33 | 256 | 29 | 239 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 8 |
| 17 | 135 | 464 | 100 | 401 | 24 | 47 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 11 |
| 18 | 267 | 700 | 147 | 361 | 91 | 257 | 9 | 52 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 28 |
| 19 | 359 | 926 | 159 | 379 | 139 | 364 | 25 | 149 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 31 |
| 20-24 | 2,349 | 3,874 | 904 | 1,294 | 850 | 1,417 | 363 | 879 | 38 | 117 | 11 | 20 | 0 | 2 | 0 | 1 | 2 | 1 | 181 | 143 |
| 25-29 | 2,015 | 2,296 | 718 | 770 | 661 | 703 | 359 | 525 | 54 | 126 | 41 | 74 | 2 | 7 | 0 | 3 | 5 | 2 | 175 | 86 |
| 30-34 | 1,173 | 1,207 | 394 | 374 | 372 | 340 | 216 | 292 | 46 | 69 | 37 | 60 | 5 | 12 | 6 | 8 | 0 | 4 | 97 | 48 |
| 35-39 | 522 | 498 | 174 | 162 | 139 | 122 | 111 | 109 | 16 | 35 | 24 | 27 | 3 | 14 | 3 | 5 | 2 | 1 | 50 | 23 |
| 40-44 | 242 | 111 | 70 | 42 | 67 | 22 | 51 | 16 | 11 | 6 | 18 | 10 | 2 | 2 | 4 | 3 | 1 | 0 | 18 | 10 |
| 45 and over | 122 | 4 | 41 | 0 | 28 | 1 | 23 | 0 | 9 | 1 | 6 | 1 | 1 | 1 | 4 | 0 | 0 | 0 | 10 | 0 |
| Not stated | 3,256 | 2 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 3,246 | 0 |

## Table A15. Births to unmarried mothers by health district, county of residence and age of mother: Utah, 2009

| Health district and county | Total | Age of mother: Under 15 | 15 to 19: Total | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 and over | Not stated |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 10,486 | 32 | 2,462 | 836 | 1,626 | 3,874 | 2,296 | 1,207 | 498 | 111 | 4 | 2 |
| Bear River | 444 | 1 | 122 | 47 | 75 | 166 | 100 | 37 | 14 | 4 | 0 | 0 |
| Box Elder | 166 | 1 | 51 | 21 | 30 | 61 | 36 | 11 | 5 | 1 | 0 | 0 |
| Cache | 272 | 0 | 69 | 26 | 43 | 104 | 63 | 25 | 9 | 2 | 0 | 0 |
| Rich | 6 | 0 | 2 | 0 | 2 | 1 | 1 | 1 | 0 | 1 | 0 | 0 |
| Central Utah | 257 | 0 | 67 | 25 | 42 | 100 | 55 | 25 | 9 | 0 | 0 | 1 |
| Juab | 44 | 0 | 8 | 3 | 5 | 18 | 9 | 7 | 2 | 0 | 0 | 0 |
| Millard | 39 | 0 | 16 | 8 | 8 | 15 | 3 | 3 | 2 | 0 | 0 | 0 |
| Piute | 3 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sanpete | 78 | 0 | 17 | 7 | 10 | 28 | 22 | 6 | 5 | 0 | 0 | 0 |
| Sevier | 88 | 0 | 25 | 6 | 19 | 34 | 20 | 8 | 0 | 0 | 0 | 1 |
| Wayne | 5 | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 0 |
| Davis | 831 | 0 | 189 | 54 | 135 | 373 | 159 | 82 | 21 | 7 | 0 | 0 |
| Salt Lake | 4,843 | 19 | 1,052 | 371 | 681 | 1,718 | 1,128 | 607 | 258 | 59 | 1 | 1 |
| Southeastern | 312 | 1 | 77 | 24 | 53 | 117 | 61 | 35 | 17 | 4 | 0 | 0 |
| Carbon | 101 | 0 | 28 | 12 | 16 | 48 | 18 | 4 | 3 | 0 | 0 | 0 |
| Emery | 27 | 0 | 8 | 2 | 6 | 9 | 5 | 4 | 1 | 0 | 0 | 0 |
| Grand | 57 | 0 | 14 | 2 | 12 | 17 | 13 | 12 | 0 | 1 | 0 | 0 |
| San Juan | 127 | 1 | 27 | 8 | 19 | 43 | 25 | 15 | 13 | 3 | 0 | 0 |
| Southwest | 695 | 0 | 162 | 44 | 118 | 259 | 157 | 68 | 38 | 10 | 1 | 0 |
| Beaver | 26 | 0 | 7 | 0 | 7 | 10 | 7 | 0 | 2 | 0 | 0 | 0 |
| Garfield | 9 | 0 | 6 | 3 | 3 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| Iron | 135 | 0 | 43 | 11 | 32 | 44 | 28 | 10 | 6 | 3 | 1 | 0 |
| Kane | 14 | 0 | 2 | 1 | 1 | 10 | 1 | 1 | 0 | 0 | 0 | 0 |
| Washington | 511 | 0 | 104 | 29 | 75 | 194 | 120 | 57 | 30 | 6 | 0 | 0 |
| Summit | 156 | 0 | 24 | 5 | 19 | 50 | 39 | 21 | 16 | 5 | 1 | 0 |
| Tooele | 246 | 1 | 63 | 25 | 38 | 97 | 52 | 22 | 8 | 3 | 0 | 0 |
| TriCounty | 283 | 1 | 88 | 22 | 66 | 98 | 52 | 34 | 8 | 2 | 0 | 0 |
| Daggett | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| Duchesne | 106 | 0 | 36 | 6 | 30 | 31 | 23 | 12 | 4 | 0 | 0 | 0 |
| Uintah | 174 | 1 | 52 | 16 | 36 | 66 | 29 | 21 | 3 | 2 | 0 | 0 |
| Utah County | 1,144 | 7 | 288 | 106 | 182 | 419 | 230 | 133 | 57 | 10 | 0 | 0 |
| Wasatch | 77 | 0 | 15 | 6 | 9 | 26 | 15 | 10 | 9 | 2 | 0 | 0 |
| Weber-Morgan | 1,198 | 2 | 315 | 107 | 208 | 451 | 248 | 133 | 43 | 5 | 1 | 0 |
| Morgan | 16 | 0 | 4 | 0 | 4 | 5 | 3 | 4 | 0 | 0 | 0 | 0 |
| Weber | 1,182 | 2 | 311 | 107 | 204 | 446 | 245 | 129 | 43 | 5 | 1 | 0 |

## Errata published 05/05/2011: Table A16. Births by marital status of mother, race/ethnicity and age of mother, residents: Utah, 2009

Data for API are corrected.

| Marital status and race/ethnicity of mother | Total | Age of mother: Under 15 | 15 to 19 Total | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 and over | Not stated |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 53,849 | 33 | 3,353 | 992 | 2,361 | 13,418 | 18,784 | 12,942 | 4,485 | 768 | 63 | 3 |
| White | 41,736 | 10 | 1,843 | 455 | 1,388 | 10,205 | 15,358 | 10,432 | 3,306 | 529 | 50 | 3 |
| Hispanic | 8,766 | 23 | 1,256 | 473 | 783 | 2,356 | 2,431 | 1,736 | 794 | 163 | 7 | 0 |
| Black | 522 | 0 | 49 | 12 | 37 | 173 | 141 | 104 | 44 | 10 | 1 | 0 |
| Native American | 623 | 0 | 92 | 29 | 63 | 201 | 165 | 109 | 48 | 8 | 0 | 0 |
| Asian and Pacific Islander | 1,733 | 0 | 83 | 19 | 64 | 357 | 545 | 461 | 237 | 47 | 3 | 0 |
| Other races | 49 | 0 | 5 | 0 | 5 | 12 | 17 | 6 | 8 | 1 | 0 | 0 |
| Not stated | 420 | 0 | 25 | 4 | 21 | 114 | 127 | 94 | 48 | 10 | 2 | 0 |
| Mother married | 43,358 | 1 | 890 | 156 | 734 | 9,544 | 16,487 | 11,733 | 3,986 | 657 | 59 | 1 |
| White | 36,276 | 1 | 577 | 94 | 483 | 8,049 | 14,185 | 9,837 | 3,100 | 479 | 47 | 1 |
| Hispanic | 4,753 | 0 | 248 | 55 | 193 | 1,049 | 1,534 | 1,242 | 562 | 111 | 7 | 0 |
| Black | 295 | 0 | 14 | 1 | 13 | 70 | 90 | 77 | 36 | 8 | 0 | 0 |
| Native American | 257 | 0 | 11 | 1 | 10 | 68 | 82 | 67 | 25 | 4 | 0 | 0 |
| Asian and Pacific Islander | 1,457 | 0 | 33 | 5 | 28 | 246 | 486 | 426 | 218 | 45 | 3 | 0 |
| Other races | 33 | 0 | 1 | 0 | 1 | 6 | 13 | 6 | 6 | 1 | 0 | 0 |
| Not stated | 287 | 0 | 6 | 0 | 6 | 56 | 97 | 78 | 39 | 9 | 2 | 0 |
| Mother unmarried | 10,486 | 32 | 2,462 | 836 | 1,626 | 3,874 | 2,296 | 1,207 | 498 | 111 | 4 | 2 |
| White | 5,458 | 9 | 1,266 | 361 | 905 | 2,156 | 1,173 | 593 | 206 | 50 | 3 | 2 |
| Hispanic | 4,011 | 23 | 1,007 | 418 | 589 | 1,307 | 896 | 494 | 232 | 52 | 0 | 0 |
| Black | 227 | 0 | 35 | 11 | 24 | 103 | 51 | 27 | 8 | 2 | 1 | 0 |
| Native American | 366 | 0 | 81 | 28 | 53 | 133 | 83 | 42 | 23 | 4 | 0 | 0 |
| Asian and Pacific Islander | 275 | 0 | 50 | 14 | 36 | 111 | 59 | 35 | 18 | 2 | 0 | 0 |
| Other races | 16 | 0 | 4 | 0 | 4 | 6 | 4 | 0 | 2 | 0 | 0 | 0 |
| Not stated | 133 | 0 | 19 | 4 | 15 | 58 | 30 | 16 | 9 | 1 | 0 | 0 |
| Others | 5 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 1 | 0 | 0 | 0 |
| White | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hispanic | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Black | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Native American | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asian and Pacific Islander | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Other races | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Not stated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Hispanic births are not distributed by race.

## Table A17. Births by age of mother and birthweight of infant, residents: Utah, 2009

| Age of mother | Total | Birthweight in grams: Under 1000 | 1000-1499 | 1500-1999 | 2000-2499 | 2500-2999 | 3000-3499 | 3500-3999 | 4000-4499 | 4500 and over | Unknown |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 53,849 | 266 | 296 | 682 | 2,533 | 10,169 | 22,178 | 14,075 | 3,229 | 417 | 4 |
| Under 15 | 33 | 0 | 1 | 1 | 4 | 10 | 11 | 6 | 0 | 0 | 0 |
| Total 15-19 | 3,353 | 26 | 23 | 37 | 198 | 782 | 1,446 | 717 | 107 | 15 | 2 |
| 15-17 | 992 | 7 | 7 | 11 | 62 | 228 | 442 | 196 | 34 | 5 | 0 |
| 18-19 | 2,361 | 19 | 16 | 26 | 136 | 554 | 1,004 | 521 | 73 | 10 | 2 |
| 20-24 | 13,418 | 72 | 72 | 170 | 631 | 2,838 | 5,617 | 3,269 | 678 | 71 | 0 |
| 25-29 | 18,784 | 71 | 82 | 210 | 828 | 3,433 | 7,949 | 4,925 | 1,142 | 143 | 1 |
| 30-34 | 12,942 | 57 | 86 | 162 | 581 | 2,200 | 5,170 | 3,647 | 910 | 129 | 0 |
| 35-39 | 4,485 | 34 | 24 | 80 | 232 | 766 | 1,701 | 1,262 | 334 | 52 | 0 |
| 40-44 | 768 | 6 | 4 | 16 | 52 | 129 | 268 | 233 | 52 | 7 | 1 |
| 45 and over | 63 | 0 | 4 | 6 | 7 | 10 | 14 | 16 | 6 | 0 | 0 |
| Not stated | 3 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |

## Table A18. Births by birthweight of infant and tobacco use of mother (trimester of first use of cigarettes), residents: Utah, 2009

| Birthweight in grams | Total | Tobacco use of mother | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Yes | Trimester of first use of cigarettes | | | | No | Un-known |
| | | | 1st | 2nd | 3rd | Un-known | | |
| **Total** | 53,849 | 3,464 | 2,420 | 43 | 48 | 953 | 49,897 | 488 |
| **Under 1000** | 266 | 21 | 14 | 2 | 0 | 5 | 239 | 6 |
| **1000-1499** | 296 | 35 | 24 | 1 | 0 | 10 | 256 | 5 |
| **1500-1999** | 682 | 69 | 56 | 0 | 0 | 13 | 604 | 9 |
| **2000-2499** | 2,533 | 321 | 250 | 1 | 3 | 67 | 2,184 | 28 |
| **2500-2999** | 10,169 | 944 | 728 | 13 | 13 | 190 | 9,125 | 100 |
| **3000-3499** | 22,178 | 1,317 | 885 | 15 | 22 | 395 | 20,674 | 187 |
| **3500-3999** | 14,075 | 627 | 388 | 7 | 9 | 223 | 13,322 | 126 |
| **4000-4499** | 3,229 | 109 | 63 | 4 | 1 | 41 | 3,096 | 24 |
| **4500 and over** | 417 | 21 | 12 | 0 | 0 | 9 | 393 | 3 |
| **Unknown** | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |

## Table A19. Births by five-minute apgar score and birthweight of infant, residents: Utah, 2009

| Five minute apgar score | Total | Birthweight in grams | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Under 1000 | 1000-1499 | 1500-1999 | 2000-2499 | 2500-2999 | 3000-3499 | 3500-3999 | 4000-4499 | 4500 and over | Un-known |
| **Total** | 53,849 | 266 | 296 | 682 | 2,533 | 10,169 | 22,178 | 14,075 | 3,229 | 417 | 4 |
| **0** | 25 | 15 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 0 | 0 |
| **1** | 89 | 58 | 3 | 7 | 6 | 1 | 6 | 6 | 0 | 0 | 2 |
| **2** | 52 | 24 | 3 | 3 | 6 | 3 | 8 | 3 | 1 | 0 | 1 |
| **3** | 57 | 15 | 5 | 4 | 7 | 6 | 11 | 8 | 1 | 0 | 0 |
| **4** | 84 | 10 | 6 | 5 | 10 | 13 | 19 | 12 | 6 | 3 | 0 |
| **5** | 167 | 12 | 7 | 16 | 21 | 25 | 50 | 28 | 6 | 1 | 1 |
| **6** | 376 | 17 | 26 | 26 | 42 | 65 | 112 | 70 | 13 | 5 | 0 |
| **7** | 1,004 | 41 | 51 | 64 | 129 | 203 | 281 | 173 | 53 | 9 | 0 |
| **8** | 5,157 | 32 | 75 | 171 | 475 | 1,093 | 1,811 | 1,145 | 303 | 52 | 0 |
| **9** | 44,673 | 35 | 115 | 375 | 1,785 | 8,376 | 18,930 | 12,023 | 2,711 | 323 | 0 |
| **10** | 2,046 | 0 | 1 | 6 | 45 | 355 | 909 | 579 | 128 | 23 | 0 |
| **Not stated** | 119 | 7 | 2 | 4 | 5 | 28 | 39 | 27 | 6 | 1 | 0 |

Table A20. Births to mothers of Hispanic origin by age of mother, health district and county of residence: Utah, 2009

| Health district and county | Total | Age of mother: Under 15 | 15 to 19: Total | 15 to 19: 15-17 | 15 to 19: 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 and over | Not stated |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 8,766 | 23 | 1,256 | 473 | 783 | 2,356 | 2,431 | 1,736 | 794 | 163 | 7 | 0 |
| Bear River | 386 | 0 | 58 | 21 | 37 | 103 | 110 | 69 | 37 | 9 | 0 | 0 |
| Box Elder | 88 | 0 | 19 | 6 | 13 | 28 | 24 | 7 | 8 | 2 | 0 | 0 |
| Cache | 296 | 0 | 39 | 15 | 24 | 74 | 86 | 62 | 29 | 6 | 0 | 0 |
| Rich | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| Central Utah | 119 | 0 | 22 | 9 | 13 | 32 | 29 | 25 | 9 | 2 | 0 | 0 |
| Juab | 5 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| Millard | 31 | 0 | 6 | 3 | 3 | 11 | 5 | 6 | 2 | 1 | 0 | 0 |
| Piute | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sanpete | 63 | 0 | 9 | 2 | 7 | 13 | 16 | 18 | 6 | 1 | 0 | 0 |
| Sevier | 19 | 0 | 5 | 2 | 3 | 6 | 7 | 1 | 0 | 0 | 0 | 0 |
| Wayne | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Davis | 552 | 0 | 49 | 15 | 34 | 157 | 175 | 112 | 51 | 7 | 1 | 0 |
| Salt Lake | 4,347 | 14 | 653 | 253 | 400 | 1,156 | 1,178 | 867 | 391 | 84 | 4 | 0 |
| Southeastern | 91 | 0 | 21 | 4 | 17 | 29 | 19 | 17 | 4 | 1 | 0 | 0 |
| Carbon | 43 | 0 | 11 | 2 | 9 | 18 | 9 | 5 | 0 | 0 | 0 | 0 |
| Emery | 18 | 0 | 3 | 1 | 2 | 8 | 1 | 4 | 2 | 0 | 0 | 0 |
| Grand | 19 | 0 | 4 | 1 | 3 | 2 | 7 | 4 | 1 | 1 | 0 | 0 |
| San Juan | 11 | 0 | 3 | 0 | 3 | 1 | 2 | 4 | 1 | 0 | 0 | 0 |
| Southwest | 471 | 0 | 54 | 20 | 34 | 139 | 139 | 91 | 41 | 6 | 1 | 0 |
| Beaver | 26 | 0 | 3 | 0 | 3 | 8 | 9 | 3 | 2 | 1 | 0 | 0 |
| Garfield | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Iron | 76 | 0 | 13 | 7 | 6 | 21 | 21 | 14 | 5 | 1 | 1 | 0 |
| Kane | 3 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| Washington | 364 | 0 | 38 | 13 | 25 | 107 | 109 | 73 | 33 | 4 | 0 | 0 |
| Summit | 166 | 0 | 22 | 4 | 18 | 44 | 40 | 37 | 18 | 5 | 0 | 0 |
| Tooele | 135 | 0 | 23 | 8 | 15 | 42 | 44 | 14 | 11 | 1 | 0 | 0 |
| TriCounty | 87 | 0 | 11 | 4 | 7 | 32 | 26 | 13 | 5 | 0 | 0 | 0 |
| Daggett | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Duchesne | 35 | 0 | 4 | 1 | 3 | 12 | 10 | 8 | 1 | 0 | 0 | 0 |
| Uintah | 52 | 0 | 7 | 3 | 4 | 20 | 16 | 5 | 4 | 0 | 0 | 0 |
| Utah County | 1,420 | 7 | 154 | 63 | 91 | 345 | 423 | 310 | 148 | 33 | 0 | 0 |
| Wasatch | 76 | 0 | 10 | 4 | 6 | 11 | 20 | 24 | 11 | 0 | 0 | 0 |
| Weber-Morgan | 916 | 2 | 179 | 68 | 111 | 266 | 228 | 157 | 68 | 15 | 1 | 0 |
| Morgan | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Weber | 914 | 2 | 179 | 68 | 111 | 265 | 228 | 157 | 67 | 15 | 1 | 0 |

## Table A21. Births to mothers of Hispanic origin by race and age of mother and number of prenatal visits, residents: Utah, 2009

| Race and age of mother | Total | Number of prenatal visits | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | None | 1-5 | 6-9 | 10-14 | 15-18 | 19-27 | 28 and over | Not stated |
| **Total** | 8,766 | 134 | 735 | 2,279 | 4,840 | 399 | 52 | 14 | 313 |
| Under 15 | 23 | 1 | 3 | 8 | 11 | 0 | 0 | 0 | 0 |
| Total 15 to 19 | 1,256 | 17 | 139 | 371 | 622 | 52 | 4 | 2 | 49 |
| 15-17 | 473 | 5 | 52 | 152 | 218 | 16 | 1 | 0 | 29 |
| 18-19 | 783 | 12 | 87 | 219 | 404 | 36 | 3 | 2 | 20 |
| 20-24 | 2,356 | 47 | 219 | 632 | 1,251 | 98 | 15 | 5 | 89 |
| 25-29 | 2,431 | 34 | 177 | 600 | 1,430 | 97 | 13 | 6 | 74 |
| 30-34 | 1,736 | 24 | 114 | 435 | 1,000 | 97 | 12 | 1 | 53 |
| 35-39 | 794 | 11 | 71 | 189 | 437 | 43 | 6 | 0 | 37 |
| 40-44 | 163 | 0 | 12 | 41 | 85 | 12 | 2 | 0 | 11 |
| 45 and over | 7 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 0 |
| **White** | 4,482 | 76 | 355 | 1,150 | 2,417 | 196 | 21 | 6 | 261 |
| Under 15 | 11 | 0 | 1 | 4 | 6 | 0 | 0 | 0 | 0 |
| Total 15 to 19 | 645 | 9 | 60 | 185 | 315 | 30 | 2 | 1 | 43 |
| 15-17 | 248 | 2 | 20 | 75 | 112 | 12 | 1 | 0 | 26 |
| 18-19 | 397 | 7 | 40 | 110 | 203 | 18 | 1 | 1 | 17 |
| 20-24 | 1,171 | 27 | 106 | 316 | 595 | 44 | 7 | 2 | 74 |
| 25-29 | 1,239 | 14 | 93 | 298 | 720 | 48 | 4 | 3 | 59 |
| 30-34 | 916 | 17 | 59 | 223 | 513 | 51 | 5 | 0 | 48 |
| 35-39 | 411 | 9 | 32 | 95 | 224 | 19 | 3 | 0 | 29 |
| 40-44 | 85 | 0 | 4 | 26 | 43 | 4 | 0 | 0 | 8 |
| 45 and over | 4 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| **Black** | 73 | 2 | 13 | 18 | 34 | 5 | 0 | 0 | 1 |
| Under 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total 15 to 19 | 9 | 0 | 0 | 4 | 5 | 0 | 0 | 0 | 0 |
| 15-17 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| 18-19 | 6 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 |
| 20-24 | 28 | 1 | 6 | 8 | 11 | 2 | 0 | 0 | 0 |
| 25-29 | 21 | 0 | 5 | 3 | 13 | 0 | 0 | 0 | 0 |
| 30-34 | 10 | 1 | 2 | 1 | 4 | 2 | 0 | 0 | 0 |
| 35-39 | 4 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 |
| 40-44 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 45 and over | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Native American** | 74 | 3 | 10 | 20 | 37 | 0 | 1 | 0 | 3 |
| Under 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total 15 to 19 | 14 | 0 | 2 | 8 | 4 | 0 | 0 | 0 | 0 |
| 15-17 | 7 | 0 | 1 | 5 | 1 | 0 | 0 | 0 | 0 |
| 18-19 | 7 | 0 | 1 | 3 | 3 | 0 | 0 | 0 | 0 |
| 20-24 | 31 | 2 | 5 | 6 | 17 | 0 | 0 | 0 | 1 |
| 25-29 | 21 | 1 | 3 | 5 | 10 | 0 | 0 | 0 | 2 |
| 30-34 | 5 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 0 |
| 35-39 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| 40-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 and over | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Table A21. Births to mothers of Hispanic origin by race and age of mother and number of prenatal visits, residents: Utah, 2009

| Race and age of mother | Total | Number of prenatal visits | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | None | 1-5 | 6-9 | 10-14 | 15-18 | 19-27 | 28 and over | Not stated |
| Asian and Pacific Islander | 23 | 0 | 3 | 4 | 15 | 1 | 0 | 0 | 0 |
| Under 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total 15 to 19 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| 15-17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18-19 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| 20-24 | 9 | 0 | 3 | 1 | 5 | 0 | 0 | 0 | 0 |
| 25-29 | 3 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 |
| 30-34 | 8 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 0 |
| 35-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 and over | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other race | 3,281 | 34 | 277 | 827 | 1,916 | 168 | 24 | 6 | 29 |
| Under 15 | 9 | 1 | 2 | 2 | 4 | 0 | 0 | 0 | 0 |
| Total 15 to 19 | 461 | 6 | 62 | 135 | 236 | 21 | 1 | 0 | 0 |
| 15-17 | 174 | 3 | 26 | 55 | 86 | 4 | 0 | 0 | 0 |
| 18-19 | 287 | 3 | 36 | 80 | 150 | 17 | 1 | 0 | 0 |
| 20-24 | 868 | 12 | 71 | 212 | 507 | 47 | 8 | 3 | 8 |
| 25-29 | 932 | 13 | 62 | 237 | 561 | 43 | 4 | 3 | 9 |
| 30-34 | 643 | 2 | 41 | 159 | 395 | 36 | 6 | 0 | 4 |
| 35-39 | 298 | 0 | 32 | 70 | 172 | 15 | 3 | 0 | 6 |
| 40-44 | 67 | 0 | 7 | 12 | 38 | 6 | 2 | 0 | 2 |
| 45 and over | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Not stated | 833 | 19 | 77 | 260 | 421 | 29 | 6 | 2 | 19 |
| Under 15 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Total 15 to 19 | 124 | 2 | 15 | 37 | 61 | 1 | 1 | 1 | 6 |
| 15-17 | 41 | 0 | 5 | 14 | 19 | 0 | 0 | 0 | 3 |
| 18-19 | 83 | 2 | 10 | 23 | 42 | 1 | 1 | 1 | 3 |
| 20-24 | 249 | 5 | 28 | 89 | 116 | 5 | 0 | 0 | 6 |
| 25-29 | 215 | 6 | 14 | 57 | 124 | 5 | 5 | 0 | 4 |
| 30-34 | 154 | 4 | 12 | 50 | 78 | 8 | 0 | 1 | 1 |
| 35-39 | 78 | 2 | 7 | 23 | 37 | 8 | 0 | 0 | 1 |
| 40-44 | 10 | 0 | 1 | 2 | 4 | 2 | 0 | 0 | 1 |
| 45 and over | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Table A22. Births to mothers of Hispanic origin by marital status of mother, race and age of mother, residents: Utah, 2009

| Marital status and race of mother | Total | Age of mother: Under 15 | 15 to 19: Total | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 and over | Not stated |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 8,766 | 23 | 1,256 | 473 | 783 | 2,356 | 2,431 | 1,736 | 794 | 163 | 7 | 0 |
| White | 4,482 | 11 | 645 | 248 | 397 | 1,171 | 1,239 | 916 | 411 | 85 | 4 | 0 |
| Black | 73 | 0 | 9 | 3 | 6 | 28 | 21 | 10 | 4 | 1 | 0 | 0 |
| Native American | 74 | 0 | 14 | 7 | 7 | 31 | 21 | 5 | 3 | 0 | 0 | 0 |
| Asian and Pacific Islander | 23 | 0 | 3 | 0 | 3 | 9 | 3 | 8 | 0 | 0 | 0 | 0 |
| Other race | 3,281 | 9 | 461 | 174 | 287 | 868 | 932 | 643 | 298 | 67 | 3 | 0 |
| Not stated | 833 | 3 | 124 | 41 | 83 | 249 | 215 | 154 | 78 | 10 | 0 | 0 |
| Mother married | 4,753 | 0 | 248 | 55 | 193 | 1,049 | 1,534 | 1,242 | 562 | 111 | 7 | 0 |
| White | 2,444 | 0 | 116 | 26 | 90 | 510 | 790 | 664 | 299 | 61 | 4 | 0 |
| Black | 28 | 0 | 0 | 0 | 0 | 11 | 9 | 5 | 2 | 1 | 0 | 0 |
| Native American | 30 | 0 | 1 | 0 | 1 | 9 | 12 | 5 | 3 | 0 | 0 | 0 |
| Asian and Pacific Islander | 17 | 0 | 1 | 0 | 1 | 6 | 2 | 8 | 0 | 0 | 0 | 0 |
| Other race | 1,834 | 0 | 100 | 24 | 76 | 424 | 599 | 457 | 207 | 44 | 3 | 0 |
| Not stated | 400 | 0 | 30 | 5 | 25 | 89 | 122 | 103 | 51 | 5 | 0 | 0 |
| Mother unmarried | 4,011 | 23 | 1,007 | 418 | 589 | 1,307 | 896 | 494 | 232 | 52 | 0 | 0 |
| White | 2,036 | 11 | 528 | 222 | 306 | 661 | 448 | 252 | 112 | 24 | 0 | 0 |
| Black | 45 | 0 | 9 | 3 | 6 | 17 | 12 | 5 | 2 | 0 | 0 | 0 |
| Native American | 44 | 0 | 13 | 7 | 6 | 22 | 9 | 0 | 0 | 0 | 0 | 0 |
| Asian and Pacific Islander | 6 | 0 | 2 | 0 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| Other race | 1,447 | 9 | 361 | 150 | 211 | 444 | 333 | 186 | 91 | 23 | 0 | 0 |
| Not stated | 433 | 3 | 94 | 36 | 58 | 160 | 93 | 51 | 27 | 5 | 0 | 0 |
| Unknown | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| White | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

## Table A23. Births and deaths by community of occurrence and residence: Utah, 2009

| Health district, county and city | Birth occurrence | Birth residence | Death occurrence | Death residence |
|---|---|---|---|---|
| State | 55,143 | 53,849 | 14,605 | 14,010 |
| Bear River | 3,256 | 3,518 | 682 | 767 |
| Box Elder | 469 | 961 | 248 | 300 |
| Bear River | 0 | 11 | 1 | 3 |
| Beaver Dam | 0 | 2 | 0 | 0 |
| Brigham City | 437 | 366 | 138 | 129 |
| Collinston | 0 | 0 | 0 | 0 |
| Corinne | 0 | 4 | 1 | 11 |
| Deweyville | 0 | 7 | 1 | 1 |
| Elwood | 0 | 9 | 3 | 3 |
| Fielding | 0 | 15 | 0 | 4 |
| Garland | 0 | 86 | 6 | 14 |
| Honeyville | 0 | 22 | 8 | 7 |
| Howell | 0 | 8 | 0 | 2 |
| Mantua | 0 | 9 | 2 | 7 |
| Perry | 0 | 85 | 12 | 20 |
| Plymouth | 1 | 7 | 1 | 4 |
| Portage | 0 | 5 | 1 | 1 |
| Riverside | 0 | 6 | 1 | 1 |
| Snowville | 0 | 5 | 3 | 3 |
| South Willard | 0 | 1 | 0 | 0 |
| Thatcher | 0 | 7 | 0 | 0 |
| Tremonton | 31 | 224 | 40 | 29 |
| Willard | 0 | 57 | 15 | 22 |
| Box Elder balance | 0 | 25 | 15 | 39 |
| Cache | 2,785 | 2,516 | 428 | 455 |
| Amalga | 1 | 8 | 0 | 2 |
| Benson | 0 | 13 | 0 | 1 |
| Clarkston | 0 | 21 | 2 | 3 |
| College Ward | 0 | 2 | 0 | 0 |
| Cornish | 0 | 4 | 0 | 0 |
| Cove | 0 | 11 | 0 | 1 |
| Hyde Park | 2 | 71 | 3 | 9 |
| Hyrum | 2 | 158 | 14 | 30 |
| Lewiston | 0 | 29 | 4 | 6 |
| Logan | 2,768 | 1,332 | 304 | 222 |
| Mendon | 1 | 22 | 2 | 6 |
| Millville | 0 | 45 | 5 | 8 |
| Newton | 0 | 17 | 1 | 2 |
| Nibley | 1 | 119 | 2 | 10 |
| North Logan | 3 | 143 | 18 | 38 |
| Paradise | 0 | 9 | 0 | 0 |
| Providence | 0 | 141 | 18 | 23 |
| Richmond | 4 | 53 | 6 | 11 |
| River Heights | 0 | 21 | 3 | 8 |
| Smithfield | 1 | 191 | 17 | 35 |
| Trenton | 0 | 3 | 4 | 5 |
| Wellsville | 1 | 88 | 6 | 16 |
| Young Ward | 1 | 2 | 0 | 0 |
| Cache balance | 0 | 13 | 19 | 19 |
| Rich | 2 | 41 | 6 | 12 |
| Garden City | 1 | 21 | 3 | 5 |
| Laketown | 0 | 4 | 1 | 1 |
| Randolph | 0 | 8 | 2 | 5 |
| Woodruff | 1 | 8 | 0 | 0 |
| Rich balance | 0 | 0 | 0 | 1 |

Table A23 continued. Births and deaths by community of occurrence and residence: Utah, 2009

| Health district, county and city | Birth occurrence | Birth residence | Death occurrence | Death residence |
|---|---|---|---|---|
| Central Utah | 957 | 1,228 | 476 | 559 |
| Juab | 197 | 210 | 81 | 83 |
| Eureka | 0 | 18 | 3 | 8 |
| Levan | 0 | 20 | 8 | 8 |
| Mona | 2 | 32 | 5 | 9 |
| Nephi | 176 | 109 | 56 | 48 |
| Rocky Ridge | 18 | 24 | 2 | 2 |
| Santaquin (pt.) | 0 | 0 | 0 | 0 |
| Trout Creek | 1 | 2 | 0 | 0 |
| Juab balance | | 5 | 7 | 8 |
| Millard | 160 | 218 | 85 | 87 |
| Abraham | 0 | 1 | 0 | 0 |
| Delta | 98 | 96 | 41 | 26 |
| Deseret | 0 | 0 | 0 | 0 |
| Fillmore | 62 | 50 | 21 | 17 |
| Flowell | 0 | 1 | 0 | 0 |
| Hinckley | 0 | 12 | 0 | 1 |
| Holden | 0 | 7 | 1 | 3 |
| Kanosh | 0 | 10 | 2 | 8 |
| Leamington | 0 | 4 | 0 | 1 |
| Lynndyl | 0 | 0 | 1 | 1 |
| Meadow | 0 | 10 | 0 | 2 |
| Oak City | 0 | 15 | 4 | 3 |
| Scipio | 0 | 7 | 1 | 3 |
| Millard balance | 0 | 5 | 14 | 22 |
| Piute | 0 | 17 | 9 | 17 |
| Circleville | 0 | 4 | 1 | 3 |
| Greenwich | 0 | 2 | 0 | 0 |
| Junction | 0 | 2 | 2 | 4 |
| Kingston | 0 | 0 | 0 | 0 |
| Marysvale | 0 | 8 | 4 | 6 |
| Piute balance | 0 | 1 | 2 | 4 |
| Sanpete | 326 | 393 | 140 | 166 |
| Axtell | 0 | 3 | 0 | 0 |
| Centerfield | 0 | 28 | 16 | 9 |
| Chester | 0 | 15 | 0 | 0 |
| Ephraim | 3 | 109 | 15 | 18 |
| Fairview | 1 | 29 | 5 | 11 |
| Fayette | 0 | 3 | 0 | 1 |
| Fountain Green | 1 | 18 | 2 | 8 |
| Gunnison | 182 | 28 | 29 | 16 |
| Manti | 4 | 42 | 8 | 19 |
| Mayfield | 0 | 4 | 2 | 3 |
| Moroni | 4 | 39 | 5 | 10 |
| Mount Pleasant | 129 | 47 | 40 | 34 |
| Spring City | 2 | 14 | 4 | 9 |
| Sterling | 0 | 5 | 0 | 3 |
| Wales | 0 | 6 | 3 | 6 |
| Sanpete balance | 0 | 3 | 11 | 19 |
| Sevier | 273 | 363 | 144 | 177 |
| Annabella | 0 | 19 | 2 | 2 |
| Aurora | 0 | 12 | 2 | 9 |
| Austin | 0 | 0 | 0 | 0 |
| Central Valley | 0 | 16 | 0 | 0 |
| Elsinore | 0 | 26 | 7 | 18 |
| Glenwood | 0 | 4 | 5 | 7 |
| Joseph | 0 | 9 | 2 | 2 |
| Koosharem | 0 | 5 | 0 | 0 |
| Monroe | 0 | 37 | 14 | 29 |
| Redmond | 0 | 16 | 0 | 4 |
| Richfield | 273 | 144 | 81 | 52 |

Table A23 continued. Births and deaths by community of occurrence and residence: Utah, 2009

| Health district, county and city | Birth occurrence | Birth residence | Death occurrence | Death residence |
|---|---|---|---|---|
| Salina | 0 | 63 | 11 | 25 |
| Sevier | 0 | 2 | 0 | 0 |
| Sigurd | 0 | 3 | 5 | 10 |
| Venice | 0 | 5 | 0 | 0 |
| Sevier balance | 0 | 2 | 15 | 19 |
| Wayne | 1 | 27 | 17 | 29 |
| Bicknell | 0 | 5 | 3 | 2 |
| Fremont | 0 | 5 | 0 | 0 |
| Hanksville | 0 | 2 | 1 | 1 |
| Loa | 1 | 12 | 6 | 10 |
| Lyman | 0 | 1 | 0 | 3 |
| Teasdale | 0 | 2 | 0 | 0 |
| Torrey | 0 | 0 | 1 | 3 |
| Wayne balance | 0 | 0 | 6 | 10 |
| Davis | 2,661 | 6,071 | 1,147 | 1,352 |
| Bountiful | 365 | 800 | 472 | 357 |
| Centerville | 2 | 249 | 32 | 74 |
| Clearfield | 4 | 629 | 127 | 121 |
| Clinton | 4 | 413 | 39 | 82 |
| Farmington | 2 | 352 | 31 | 51 |
| Fruit Heights | 1 | 91 | 15 | 29 |
| Hill Field (AFB) | 0 | 144 | 0 | 0 |
| Hooper (Davis) | 3 | 28 | 0 | 0 |
| Kaysville | 2 | 500 | 52 | 104 |
| Layton | 2,253 | 1,263 | 247 | 278 |
| North Salt Lake | 6 | 415 | 29 | 61 |
| South Weber | 0 | 108 | 6 | 13 |
| Sunset | 1 | 102 | 17 | 33 |
| Syracuse | 5 | 487 | 23 | 58 |
| Val Verda | 0 | 0 | 0 | 0 |
| West Bountiful | 5 | 80 | 9 | 22 |
| West Point | 1 | 177 | 22 | 29 |
| Woods Cross | 7 | 233 | 17 | 31 |
| Davis balance | 0 | 0 | 9 | 9 |
| Salt Lake | 23,060 | 18,714 | 6,278 | 5,445 |
| Alta | 0 | 0 | 2 | 1 |
| Bennion | 0 | 0 | 1 | 5 |
| Bingham Canyon | 0 | 2 | 0 | 0 |
| Bluffdale | 11 | 157 | 25 | 25 |
| Canyon Rim | 0 | 0 | 21 | 46 |
| Copperton | 1 | 0 | 0 | 0 |
| Cottonwood Heights | 2 | 199 | 84 | 166 |
| Cottonwood West | 0 | 0 | 73 | 139 |
| Draper (pt.) | 13 | 669 | 106 | 120 |
| East Millcreek | 0 | 0 | 184 | 168 |
| Granite | 0 | 0 | 6 | 16 |
| Herriman | 13 | 551 | 13 | 39 |
| Holladay | 66 | 215 | 87 | 132 |
| Kearns | 6 | 657 | 82 | 178 |
| Little Cottonwood Creek | 0 | 0 | 7 | 16 |
| Magna | 6 | 514 | 69 | 135 |
| Midvale | 11 | 630 | 107 | 193 |
| Millcreek | 3,520 | 6 | 890 | 347 |
| Mount Olympus | 0 | 0 | 20 | 46 |
| Murray | 6,232 | 669 | 821 | 238 |
| Riverton | 259 | 752 | 88 | 132 |

Table A23 continued. Births and deaths by community of occurrence and residence: Utah, 2009

| Health district, county and city | Birth occurrence | Birth residence | Death occurrence | Death residence |
|---|---|---|---|---|
| Salt Lake City | 7,172 | 5,720 | 1,882 | 1,266 |
| Sandy | 1,992 | 1,538 | 530 | 494 |
| South Jordan | 11 | 804 | 121 | 185 |
| South Salt Lake | 2 | 59 | 92 | 101 |
| Taylorsville | 11 | 904 | 192 | 295 |
| Union | 0 | 0 | 11 | 16 |
| West Jordan | 3,055 | 2,165 | 327 | 342 |
| West Valley City | 676 | 2,443 | 383 | 540 |
| White City | 0 | 0 | 10 | 26 |
| Salt Lake Co balance | 1 | 60 | 44 | 37 |
| Southeastern | 642 | 891 | 388 | 408 |
| Carbon | 339 | 322 | 185 | 182 |
| Dragerton | 0 | 0 | 0 | 0 |
| East Carbon | 0 | 19 | 12 | 19 |
| Helper | 0 | 52 | 11 | 29 |
| Hiawatha | 0 | 0 | 0 | 0 |
| Kenilworth | 0 | 0 | 0 | 0 |
| Price | 338 | 208 | 142 | 87 |
| Scofield | 0 | 0 | 0 | 2 |
| Spring Glen | 0 | 2 | 0 | 0 |
| Sunnyside | 0 | 5 | 0 | 5 |
| Wellington | 1 | 32 | 4 | 7 |
| Carbon balance | 0 | 4 | 16 | 33 |
| Emery | 10 | 175 | 58 | 77 |
| Castle Dale | 1 | 31 | 6 | 13 |
| Clawson | 0 | 3 | 1 | 3 |
| Cleveland | 0 | 19 | 0 | 0 |
| Elmo | 0 | 7 | 8 | 9 |
| Emery | 0 | 5 | 0 | 2 |
| Ferron | 0 | 17 | 19 | 19 |
| Green River | 0 | 17 | 6 | 8 |
| Huntington | 9 | 56 | 7 | 14 |
| Orangeville | 0 | 18 | 3 | 6 |
| Emery balance | 0 | 2 | 8 | 3 |
| Grand | 104 | 132 | 66 | 69 |
| CastleValley | 0 | 5 | 1 | 2 |
| Moab | 104 | 126 | 46 | 51 |
| Grand balance | 0 | 1 | 19 | 16 |
| San Juan | 189 | 262 | 79 | 80 |
| Blanding | 98 | 74 | 37 | 30 |
| La Sal | 0 | 9 | 0 | 0 |
| Mexican Hat | 0 | 11 | 0 | 0 |
| Montezuma Creek | 0 | 33 | 0 | 1 |
| Monticello | 91 | 36 | 18 | 13 |
| Monument Valley | 0 | 28 | 0 | 0 |
| Navajo Mountain | 0 | 0 | 0 | 0 |
| White Mesa | 0 | 6 | 0 | 1 |
| San Juan balance | 0 | 65 | 24 | 35 |
| Southwest | 4,183 | 3,645 | 1,398 | 1,335 |
| Beaver | 92 | 131 | 66 | 73 |
| Beaver City | 90 | 76 | 42 | 40 |
| Milford | 1 | 30 | 9 | 12 |
| Minersville | 1 | 19 | 3 | 11 |
| Beaver balance | 0 | 6 | 12 | 10 |

Table A23 continued. Births and deaths by community of occurrence and residence: Utah, 2009

| Health district, county and city | Birth occurrence | Birth residence | Death occurrence | Death residence |
|---|---|---|---|---|
| Garfield | 39 | 58 | 35 | 30 |
| Antimony | 0 | 0 | 1 | 1 |
| Boulder | 0 | 1 | 0 | 0 |
| Bryce | 0 | 5 | 0 | 0 |
| Cannonville | 0 | 2 | 1 | 1 |
| Escalante | 0 | 6 | 2 | 3 |
| Hatch | 0 | 0 | 1 | 1 |
| Henrieville | 1 | 3 | 1 | 4 |
| Lake Powell | 0 | 0 | 0 | 0 |
| Panguitch | 38 | 30 | 21 | 14 |
| Tropic | 0 | 11 | 0 | 2 |
| Garfield balance | 0 | 0 | 8 | 4 |
| Iron | 959 | 888 | 245 | 245 |
| Beryl | 1 | 16 | 0 | 0 |
| Brianhead | 0 | 0 | 1 | 1 |
| Cedar City | 951 | 705 | 186 | 155 |
| Enoch | 5 | 103 | 6 | 19 |
| Kannarraville | 0 | 8 | 1 | 3 |
| NewCastle | 0 | 4 | 0 | 0 |
| Paragonah | 0 | 4 | 1 | 4 |
| Parowan | 2 | 44 | 27 | 31 |
| Summit | 0 | 3 | 0 | 0 |
| Iron balance | 0 | 1 | 23 | 32 |
| Kane | 85 | 90 | 52 | 53 |
| Alton | 1 | 3 | 2 | 4 |
| Big Water | 0 | 0 | 1 | 2 |
| Glendale | 0 | 9 | 1 | 2 |
| Kanab | 83 | 62 | 35 | 36 |
| Orderville | 1 | 10 | 1 | 2 |
| Kane balance | 0 | 6 | 12 | 7 |
| Washington | 3,008 | 2,478 | 1,000 | 934 |
| Apple Valley | 1 | 9 | 0 | 0 |
| Central | 1 | 3 | 0 | 0 |
| Dammeron Valley | 0 | 10 | 0 | 0 |
| Diamond Valley | 0 | 1 | 0 | 0 |
| Enterprise | 0 | 35 | 2 | 4 |
| Gunlock | 0 | 4 | 0 | 0 |
| Harrisburg | 0 | 0 | 0 | 0 |
| Hildale | 366 | 150 | 2 | 3 |
| Hurricane | 9 | 241 | 63 | 101 |
| Ivins | 4 | 90 | 26 | 48 |
| Laverkin | 2 | 66 | 16 | 30 |
| Leeds | 2 | 9 | 6 | 7 |
| New Harmony | 1 | 9 | 6 | 6 |
| Rockville | 0 | 0 | 3 | 4 |
| Saint George | 2,604 | 1,332 | 758 | 556 |
| Santa Clara | 5 | 80 | 13 | 28 |
| Springdale | 0 | 4 | 5 | 5 |
| Toquerville | 1 | 18 | 5 | 9 |
| Veyo | 0 | 7 | 0 | 0 |
| Virgin | 1 | 7 | 2 | 6 |
| Washington City | 10 | 398 | 50 | 92 |
| Washington balance | 1 | 5 | 43 | 35 |
| Summit | 36 | 562 | 94 | 117 |
| Coalville | 0 | 53 | 5 | 9 |
| Deer Mountain | 0 | 0 | 0 | 0 |
| Deer Valley | 0 | 0 | 0 | 0 |
| Francis | 0 | 19 | 7 | 6 |
| Henefer | 0 | 33 | 0 | 1 |
| Hoytsville | 0 | 1 | 0 | 0 |
| Kamas | 1 | 85 | 5 | 11 |

Table A23 continued. Births and deaths by community of occurrence and residence: Utah, 2009

| Health district, county and city | Birth occurrence | Birth residence | Death occurrence | Death residence |
|---|---|---|---|---|
| Oakley | 1 | 25 | 16 | 10 |
| Park City (pt.) | 34 | 320 | 25 | 38 |
| Peoa | 0 | 4 | 0 | 0 |
| Wanship | 0 | 12 | 0 | 0 |
| Woodland | 0 | 7 | 1 | 2 |
| Summit balance | 0 | 3 | 35 | 40 |
| Tooele | 461 | 1,099 | 215 | 271 |
| Dugway | 0 | 12 | 0 | 2 |
| Erda | 1 | 27 | 1 | 2 |
| Grantsville | 2 | 144 | 11 | 39 |
| Lake Point | 0 | 17 | 0 | 0 |
| Ophir | 0 | 0 | 1 | 1 |
| Rush Valley | 0 | 5 | 2 | 3 |
| Stansbury Park | 5 | 192 | 15 | 19 |
| Stockton | 0 | 13 | 5 | 10 |
| Terra | 0 | 2 | 0 | 0 |
| Tooele City | 453 | 635 | 145 | 170 |
| Vernon | 0 | 7 | 2 | 3 |
| Wendover | 0 | 42 | 4 | 5 |
| Tooele balance | 0 | 3 | 29 | 17 |
| TriCounty | 1,122 | 1,167 | 256 | 315 |
| Daggett | 1 | 12 | 5 | 8 |
| Dutch John | 0 | 5 | 0 | 0 |
| Manila | 0 | 6 | 1 | 1 |
| Daggett balance | 1 | 1 | 4 | 7 |
| Duchesne | 624 | 433 | 95 | 100 |
| Altamont | 0 | 15 | 0 | 1 |
| Altonah | 0 | 4 | 0 | 0 |
| Bluebell | 0 | 9 | 0 | 0 |
| Duchesne City | 0 | 49 | 3 | 6 |
| Fruitland | 1 | 2 | 0 | 0 |
| Mountain Home | 0 | 5 | 0 | 0 |
| Myton | 0 | 24 | 2 | 6 |
| Neola | 1 | 19 | 2 | 4 |
| Roosevelt | 621 | 282 | 61 | 32 |
| Tabiona | 0 | 9 | 0 | 2 |
| Talmage | 0 | 8 | 0 | 0 |
| Duchesne balance | 1 | 7 | 27 | 49 |
| Uintah | 497 | 722 | 156 | 207 |
| Ballard | 0 | 12 | 1 | 3 |
| Fort Duchesne | 0 | 46 | 2 | 5 |
| Gusher | 0 | 5 | 0 | 0 |
| Jensen | 0 | 14 | 0 | 0 |
| Lapoint | 1 | 14 | 0 | 0 |
| Naples | 0 | 5 | 2 | 3 |
| Randlett | 0 | 11 | 1 | 1 |
| Roosevelt | 0 | 0 | 0 | 0 |
| Tridell | 0 | 10 | 0 | 0 |
| Vernal | 495 | 593 | 105 | 90 |
| Whiterocks | 0 | 12 | 0 | 2 |
| Uintah balance | 1 | 0 | 45 | 103 |

Table A23 continued. Births and deaths by community of occurrence and residence: Utah, 2009

| Health district, county and city | Birth occurrence | Birth residence | Death occurrence | Death residence |
|---|---|---|---|---|
| Utah | 11,806 | 12,168 | 1,909 | 1,846 |
| Alpine | 3 | 110 | 23 | 33 |
| American Fork | 3,251 | 578 | 195 | 127 |
| Benjamin | 0 | 5 | 0 | 0 |
| Birdseye | 0 | 2 | 0 | 0 |
| Cedar Fort | 0 | 5 | 2 | 1 |
| Cedar Hills | 3 | 185 | 28 | 29 |
| Cedar Valley | 4 | 14 | 0 | 0 |
| Draper (pt.) | 0 | 3 | 0 | 0 |
| Eagle Mountain | 30 | 717 | 15 | 19 |
| Elberta | 0 | 8 | 0 | 0 |
| Elk Ridge | 1 | 19 | 5 | 7 |
| Fairfield | 0 | 3 | 0 | 0 |
| Genola | 0 | 23 | 3 | 7 |
| Goshen | 0 | 20 | 5 | 10 |
| Highland | 6 | 210 | 19 | 37 |
| Lake Shore | 0 | 5 | 0 | 0 |
| Lehi | 19 | 1,450 | 81 | 127 |
| Lindon | 3 | 168 | 14 | 30 |
| Mapleton | 4 | 107 | 23 | 40 |
| Orem | 3,173 | 2,185 | 384 | 436 |
| Palmyra | 0 | 0 | 0 | 1 |
| Payson | 877 | 443 | 137 | 103 |
| Pleasant Grove | 9 | 788 | 73 | 119 |
| Provo | 4,377 | 2,640 | 652 | 345 |
| Salem | 4 | 108 | 27 | 32 |
| Santaquin (pt.) | 6 | 208 | 16 | 23 |
| Saratoga Springs | 15 | 535 | 16 | 27 |
| Spanish Fork | 13 | 873 | 72 | 114 |
| Springlake | 0 | 1 | 1 | 2 |
| Springville | 7 | 736 | 83 | 140 |
| Vineyard | 0 | 2 | 0 | 0 |
| Woodland Hills | 1 | 15 | 3 | 4 |
| Utah Co balance | 0 | 2 | 32 | 33 |
| Wasatch | 240 | 389 | 86 | 102 |
| Charleston | 0 | 1 | 2 | 4 |
| Deer Mountain | 0 | 2 | 0 | 0 |
| Heber | 239 | 296 | 61 | 61 |
| Midway | 1 | 79 | 7 | 12 |
| Park City (pt.) | 0 | 0 | 0 | 0 |
| Wallsburg | 0 | 9 | 0 | 1 |
| Wasatch balance | 0 | 2 | 16 | 24 |
| Weber-Morgan | 6,719 | 4,397 | 1,676 | 1,493 |
| Morgan | 2 | 177 | 23 | 40 |
| Croydon | 0 | 1 | 0 | 1 |
| Enterprise (Morgan) | 0 | 15 | 0 | 0 |
| Milton | 0 | 0 | 0 | 0 |
| Morgan City | 1 | 135 | 11 | 19 |
| Mountain Green | 1 | 24 | 0 | 0 |
| Peterson | 0 | 2 | 0 | 0 |
| Morgan balance | 0 | 0 | 12 | 20 |

## Table A23 continued. Births and deaths by community of occurrence and residence: Utah, 2009

| Health district, county and city | Birth occurrence | Birth residence | Death occurrence | Death residence |
|---|---|---|---|---|
| Weber | 6,717 | 4,220 | 1,653 | 1,453 |
| Eden | 1 | 18 | 0 | 0 |
| Farr West | 0 | 84 | 13 | 29 |
| Harrisville | 0 | 96 | 18 | 29 |
| Hooper | 1 | 104 | 0 | 0 |
| Huntsville | 1 | 19 | 9 | 19 |
| Liberty | 1 | 16 | 0 | 0 |
| Marriott-Slaterville | 0 | 13 | 5 | 8 |
| North Ogden | 2 | 230 | 39 | 85 |
| North Weber | 0 | 0 | 0 | 0 |
| Ogden | 4,132 | 2,104 | 862 | 632 |
| Plain City | 0 | 95 | 15 | 27 |
| Pleasant View | 3 | 81 | 15 | 42 |
| Riverdale | 2 | 147 | 26 | 48 |
| Roy | 5 | 726 | 139 | 194 |
| South Ogden | 3 | 169 | 125 | 113 |
| Taylor | 0 | 12 | 0 | 0 |
| Uintah | 0 | 16 | 3 | 8 |
| Warren | 0 | 3 | 0 | 0 |
| Washington Terrace | 2,564 | 102 | 276 | 100 |
| West Haven | 2 | 182 | 39 | 37 |
| West Weber | 0 | 3 | 0 | 0 |
| Weber balance | 0 | 0 | 69 | 82 |

There is one resident death in Salt Lake County that is not distributed by community of occurrence.

Table A24. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, health district and county of occurrence: Utah, 2009

| Health district, county, and institution of occurrence | Total birth | Under 1500 grams | 1500 to under 2500 grams | Fetal death | Infant deaths | Nervous system G00-G98 | Respir-atory system J00-J98 | Congen-ital anom-alies Q00-Q99 | Peri-natal condi-tions P00-P96 | Respir-atory distress syndrome P22 | Sudden death R95 | All other causes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 55,143 | 613 | 3,330 | 311 | 308 | 3 | 4 | 84 | 5 | 145 | 14 | 53 |
| Bear River | 3,256 | 16 | 167 | 14 | 9 | 0 | 1 | 2 | 0 | 4 | 0 | 2 |
| Box Elder | 469 | 3 | 16 | 4 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Bear River Valley Hospital | 28 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brigham City Community Hospital | 431 | 3 | 15 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| American Fork Hospital | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 9 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Other Locations | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cache | 2,785 | 13 | 151 | 10 | 7 | 0 | 1 | 2 | 0 | 3 | 0 | 1 |
| Cache Valley Specialty Hospital | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Logan Regional Hospital | 2,749 | 13 | 151 | 10 | 5 | 0 | 1 | 0 | 0 | 3 | 0 | 1 |
| Home | 36 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Rich | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Locations | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Central Utah | 957 | 3 | 31 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Juab | 197 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Central Valley Medical Center | 176 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other location | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Millard | 160 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Delta Community Medical Center | 95 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fillmore Community Medical Center | 61 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Piute | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sanpete | 326 | 1 | 8 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Gunnison Valley Hospital | 182 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sanpete Valley Hospital | 128 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Home | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sevier | 273 | 2 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sevier Valley Hospital | 270 | 2 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wayne | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Davis | 2,661 | 19 | 175 | 12 | 11 | 0 | 0 | 2 | 0 | 5 | 2 | 2 |
| Lakeview Hospital | 354 | 1 | 25 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Davis Hospital and Medical Center | 2,245 | 18 | 148 | 9 | 8 | 0 | 0 | 2 | 0 | 4 | 1 | 1 |
| Home | 62 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Salt Lake | 23,060 | 345 | 1,554 | 155 | 194 | 2 | 2 | 55 | 4 | 88 | 8 | 35 |
| Alta View Hospital | 1,971 | 9 | 95 | 13 | 5 | 0 | 0 | 0 | 0 | 4 | 0 | 1 |
| Birth and Family Place | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Intermountain Medical Center | 6,199 | 112 | 471 | 39 | 34 | 0 | 0 | 3 | 1 | 26 | 0 | 4 |
| Jordan Valley Hospital | 3,036 | 4 | 131 | 19 | 4 | 0 | 0 | 2 | 0 | 2 | 0 | 0 |
| LDS Hospital | 2,847 | 3 | 155 | 13 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 0 |

Table A24 continued. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, health district and county of occurrence: Utah, 2009

| Health district, county, and institution of occurrence | Total birth | Under 1500 grams | 1500 to under 2500 grams | Fetal death | Infant deaths | Nervous system G00-G98 | Respir-atory system J00-J98 | Congen-ital anom-alies Q00-Q99 | Peri-natal condi-tions P00-P96 | Respir-atory distress syndrome P22 | Sudden death R95 | All other causes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pioneer Valley Hospital | 639 | 5 | 38 | 7 | 5 | 0 | 0 | 0 | 0 | 1 | 1 | 3 |
| Primary Childrens Medical Center | 0 | 0 | 0 | 0 | 62 | 2 | 0 | 22 | 0 | 14 | 4 | 20 |
| Riverton Hospital | 248 | 1 | 8 | 2 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| St. Mark's Hospital | 3,520 | 60 | 233 | 24 | 11 | 0 | 0 | 1 | 0 | 9 | 1 | 0 |
| Salt Lake Regional Medical Center | 864 | 1 | 28 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| University of Utah Hospital | 3,368 | 148 | 387 | 35 | 51 | 0 | 0 | 19 | 2 | 29 | 0 | 1 |
| Home | 279 | 2 | 8 | 0 | 11 | 0 | 2 | 5 | 0 | 0 | 1 | 3 |
| Other location | 70 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Southeastern | 642 | 1 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carbon | 339 | 0 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Castleview Hospital | 338 | 0 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Emery | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand | 104 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Allen Memorial Hospital | 103 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| San Juan | 189 | 0 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Blanding Medical Center | 46 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Blue Mountain Hospital | 51 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| San Juan Hospital | 88 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Southwest | 4,183 | 35 | 226 | 23 | 16 | 0 | 1 | 5 | 0 | 7 | 0 | 3 |
| Beaver | 92 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beaver Valley Hospital | 90 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Milford Valley Memorial Hospital | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Garfield | 39 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Garfield Memorial Hospital | 38 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iron | 959 | 0 | 51 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Valley View Medical Center | 920 | 0 | 49 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Home | 39 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Locations | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kane | 85 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kane County Hospital | 83 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 3,008 | 35 | 170 | 15 | 15 | 0 | 1 | 5 | 0 | 7 | 0 | 2 |
| Dixie Regional Medical Center | 2,571 | 35 | 166 | 14 | 12 | 0 | 1 | 3 | 0 | 7 | 0 | 1 |
| Hildale Maternity Home | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 69 | 0 | 1 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 1 |
| Other Locations | 365 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Summit | 36 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Park City Medical Center | 30 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other location | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Table A24 continued. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, health district and county of occurrence: Utah, 2009

| Health district, county, and institution of occurrence | Total birth | Under 1500 grams | 1500 to under 2500 grams | Fetal death | Infant deaths | Nervous system G00-G98 | Respir-atory system J00-J98 | Congen-ital anom-alies Q00-Q99 | Peri-natal condi-tions P00-P96 | Respir-atory distress syndrome P22 | Sudden death R95 | All other causes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tooele | 461 | 4 | 15 | 6 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| Tooele Valley Regional Medical Center | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mountain West Medical Center | 450 | 4 | 15 | 6 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Home | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Location | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| TriCounty | 1,122 | 4 | 57 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| Daggett | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Duchesne | 624 | 2 | 33 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Uintah Basin Medical Center | 617 | 2 | 33 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Home | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Uintah | 497 | 2 | 24 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Ashley Regional Medical Center | 487 | 2 | 24 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Home | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah County | 11,806 | 106 | 625 | 58 | 40 | 1 | 0 | 12 | 0 | 20 | 2 | 5 |
| American Fork Hospital | 3,243 | 2 | 127 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BellaNatal Birthing Suites | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mountain View Hospital | 873 | 1 | 39 | 5 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| Orem Community Hospital | 1,490 | 1 | 62 | 4 | 3 | 0 | 0 | 2 | 0 | 1 | 0 | 0 |
| Timpanogos Regional Hospital | 1,594 | 15 | 76 | 6 | 5 | 0 | 0 | 1 | 0 | 4 | 0 | 0 |
| Utah Valley Regional Medical Center | 4,339 | 86 | 314 | 26 | 26 | 1 | 0 | 9 | 0 | 13 | 2 | 1 |
| Home | 209 | 1 | 6 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| Other location | 58 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wasatch | 240 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heber Valley Medical Center | 234 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weber-Morgan | 6,719 | 80 | 438 | 36 | 31 | 0 | 0 | 7 | 1 | 20 | 1 | 2 |
| Morgan | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Home | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weber | 6,717 | 80 | 438 | 36 | 31 | 0 | 0 | 7 | 1 | 20 | 1 | 2 |
| Ogden Regional Medical Ctr | 2,564 | 18 | 169 | 12 | 7 | 0 | 0 | 2 | 0 | 5 | 0 | 0 |
| McKay-Dee Hospital | 4,115 | 62 | 267 | 24 | 20 | 0 | 0 | 2 | 1 | 15 | 1 | 1 |
| Home | 38 | 0 | 2 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Other location | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

## Table A25. Fetal deaths by health district, county of residence and age of mother: Utah, 2009

| Health district and county | Total | Age of woman: Under 15 | 15 to 19: Total | 15-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 297 | 1 | 23 | 6 | 17 | 67 | 87 | 70 | 39 | 9 | 1 |
| Bear River | 18 | 0 | 0 | 0 | 0 | 10 | 3 | 2 | 3 | 0 | 0 |
| Box Elder | 7 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 0 | 0 |
| Cache | 11 | 0 | 0 | 0 | 0 | 8 | 1 | 0 | 2 | 0 | 0 |
| Rich | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Central Utah | 6 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 2 | 0 | 0 |
| Juab | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Millard | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Piute | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sanpete | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Sevier | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Wayne | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Davis | 35 | 0 | 2 | 1 | 1 | 5 | 14 | 8 | 4 | 2 | 0 |
| Salt Lake | 104 | 0 | 12 | 2 | 10 | 20 | 29 | 26 | 13 | 4 | 0 |
| Southeastern | 5 | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 0 |
| Carbon | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Emery | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Grand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| San Juan | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Southwest | 21 | 0 | 0 | 0 | 0 | 3 | 8 | 4 | 5 | 1 | 0 |
| Beaver | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Garfield | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Iron | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| Kane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 15 | 0 | 0 | 0 | 0 | 3 | 6 | 3 | 3 | 0 | 0 |
| Summit | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| Tooele | 8 | 0 | 1 | 0 | 1 | 2 | 3 | 2 | 0 | 0 | 0 |
| TriCounty | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 |
| Daggett | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Duchesne | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Uintah | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 |
| Utah County | 67 | 1 | 2 | 0 | 2 | 16 | 20 | 19 | 6 | 2 | 1 |
| Wasatch | 3 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| Weber-Morgan | 22 | 0 | 4 | 3 | 1 | 4 | 9 | 3 | 2 | 0 | 0 |
| Morgan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weber | 22 | 0 | 4 | 3 | 1 | 4 | 9 | 3 | 2 | 0 | 0 |
| Unknown | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 |

## Table A26. Fetal deaths by selected causes and gender, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 code | Total | Gender: Male | Female | Un-known |
|---|---|---|---|---|---|---|
| | **Total** | | **297** | **156** | **136** | **5** |
| | **Certain infectious and parasitic diseases** | **A00-B99** | **0** | **0** | **0** | **0** |
| 1 | Congenital syphilis | A50 | 0 | 0 | 0 | 0 |
| 2 | Human immunodeficiency virus (HIV) disease | B20-B24 | 0 | 0 | 0 | 0 |
| 3 | Other viral diseases | A80-B19, B25-B34 | 0 | 0 | 0 | 0 |
| 4 | Other and unspecified infectious and parasitic diseases | A00-A49, A51-A79, B35-B99 | 0 | 0 | 0 | 0 |
| **5** | **Malignant neoplasms** | **C00-C97** | **0** | **0** | **0** | **0** |
| **6** | **In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior** | **D00-D48** | **0** | **0** | **0** | **0** |
| **7** | **Anemias** | **D50-D64** | **0** | **0** | **0** | **0** |
| | **Endocrine, nutritional and metabolic diseases** | **E00-E88** | **0** | **0** | **0** | **0** |
| 8 | Short stature, not elsewhere classified | E34.3 | 0 | 0 | 0 | 0 |
| 9 | Cystic fibrosis | E84 | 0 | 0 | 0 | 0 |
| 10 | Other endocrine, nutritional and metabolic diseases | E00-E32, E34.0- | 0 | 0 | 0 | 0 |
| **11** | **Meningitis** | **G00, G03** | **0** | **0** | **0** | **0** |
| **12** | **Other diseases of nervous system and sense organs** | **G04-H93** | **0** | **0** | **0** | **0** |
| **13** | **Umbilical hernia** | **K42** | **0** | **0** | **0** | **0** |
| **14** | **Other hernia** | **K40-K41, K43-K46** | **0** | **0** | **0** | **0** |
| **15** | **Other and unspecified diseases of digestive system** | **K00-K38, K50-K92** | **0** | **0** | **0** | **0** |
| **16** | **All other diseases, excluding perinatal conditions, congenital anomalies, and symptoms, signs and ill defined conditions** | **D65-D89, I00-J98, L00-N98** | **0** | **0** | **0** | **0** |
| | **Certain conditions originating in the perinatal period** | **P00-P96** | **265** | **139** | **123** | **3** |
| | **Fetus affected by maternal conditions that may be unrelated to present pregnancy** | **P00** | **17** | **6** | **10** | **1** |
| 17 | Fetus affected by maternal hypertensive disorders | P00.0 | 14 | 5 | 8 | 1 |
| 18 | Fetus affected by maternal renal and urinary tract diseases | P00.1 | 0 | 0 | 0 | 0 |
| 19 | Fetus affected by maternal infectious and parasitic diseases | P00.2 | 0 | 0 | 0 | 0 |
| 20 | Fetus affected by other maternal circulatory and respiratory diseases | P00.3 | 0 | 0 | 0 | 0 |
| 21 | Fetus affected by maternal nutritional disorders | P00.4 | 0 | 0 | 0 | 0 |
| 22 | Fetus affected by maternal injury | P00.5 | 1 | 0 | 1 | 0 |
| 23 | Fetus affected by surgical procedure on mother | P00.6 | 0 | 0 | 0 | 0 |
| 24 | Fetus affected by other medical procedures and maternal conditions | P00.7-P00.8 | 2 | 1 | 1 | 0 |
| 25 | Fetus affected by unspecified maternal condition | P00.9 | 0 | 0 | 0 | 0 |
| | **Fetus affected by maternal complications of pregnancy** | **P01** | **25** | **18** | **7** | **0** |
| 26 | Fetus affected by incompetent cervix | P01.0 | 2 | 2 | 0 | 0 |
| 27 | Fetus affected by premature rupture of membranes | P01.1 | 15 | 11 | 4 | 0 |
| 28 | Fetus affected by oligohydramnios | P01.2 | 4 | 2 | 2 | 0 |
| 29 | Fetus affected by polyhydramnios | P01.3 | 1 | 1 | 0 | 0 |
| 30 | Fetus affected by ectopic pregnancy | P01.4 | 0 | 0 | 0 | 0 |
| 31 | Fetus affected by multiple pregnancy | P01.5 | 2 | 2 | 0 | 0 |
| 32 | Fetus affected by maternal death | P01.6 | 0 | 0 | 0 | 0 |
| 33 | Fetal affected by malpresentation before labor | P01.7 | 1 | 0 | 1 | 0 |
| 34 | Fetus affected by other and unspecified maternal complications of pregnancy | P01.8-P01.9 | 0 | 0 | 0 | 0 |
| | **Fetus affected by complications of placenta, cord and membranes** | **P02** | **87** | **50** | **37** | **0** |
| 35 | Fetus affected by placenta previa | P02.0 | 1 | 0 | 1 | 0 |
| 36 | Fetus affected by other forms of placental separation and hemorrhage | P02.1 | 18 | 10 | 8 | 0 |
| 37 | Fetus affected by other and unspecified morphological and functional abnormalities of placenta | P02.2 | 9 | 7 | 2 | 0 |
| 38 | Fetus affected by placental transfusion syndromes | P02.3 | 6 | 5 | 1 | 0 |
| 39 | Fetus affected by prolapsed cord | P02.4 | 2 | 1 | 1 | 0 |
| 40 | Fetus affected by other compression of umbilical cord | P02.5 | 39 | 24 | 15 | 0 |
| 41 | Fetus affected by other and unspecified conditions of umbilical cord | P02.6 | 7 | 3 | 4 | 0 |
| 42 | Fetus affected by chorioamnionitis | P02.7 | 5 | 0 | 5 | 0 |
| 43 | Fetus affected by other and unspecified abnormalities of membranes | P02.8-P02.9 | 0 | 0 | 0 | 0 |

## Table A26 continued. Fetal deaths by selected causes and gender, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 code | Total | Gender: Male | Female | Un-known |
|---|---|---|---|---|---|---|
| | **Fetus affected by other complications of labor and delivery** | **P03** | **5** | **2** | **3** | **0** |
| 44 | Fetus affected by breach delivery and extraction | P03.0 | 0 | 0 | 0 | 0 |
| 45 | Fetus affected by other malpresentation, malposition, and disproportion during labour and delivery | P03.1 | 0 | 0 | 0 | 0 |
| 46 | Fetus affected by forceps delivery | P03.2 | 0 | 0 | 0 | 0 |
| 47 | Fetus affected by delivery by vacuum extractor (ventouse) | P03.3 | 0 | 0 | 0 | 0 |
| 48 | Fetus affected by cesarean delivery | P03.4 | 0 | 0 | 0 | 0 |
| 49 | Fetus affected by precipitate delivery | P03.5 | 0 | 0 | 0 | 0 |
| 50 | Fetus affected by abnormal uterine contractions | P03.6 | 0 | 0 | 0 | 0 |
| 51 | Fetus affected by other and unspecified complications of labor and delivery | P03.8-P03.9 | 5 | 2 | 3 | 0 |
| **52** | **Fetus affected by noxious influences transmitted via placenta** | **P04** | **0** | **0** | **0** | **0** |
| **53** | **Slow fetal growth and fetal malnutrition** | **P05** | **1** | **0** | **1** | **0** |
| | **Disorders related to short gestation and low birth weight, not elsewhere classified** | **P07** | **2** | **0** | **2** | **0** |
| 54 | Extremely low birth weight or extreme immaturity | P07.0, P07.2 | 1 | 0 | 1 | 0 |
| 55 | Other low birth weight and pretern | P07.1, P07.3 | 1 | 0 | 1 | 0 |
| | **Disorders related to long gestation and high birth weight** | **P08** | **0** | **0** | **0** | **0** |
| 56 | Exceptionally large size and other heavy for gestational age fetus | P08.0-P08.1 | 0 | 0 | 0 | 0 |
| 57 | Post-term, not heavy for gestational age fetus | P08.2 | 0 | 0 | 0 | 0 |
| | **Birth trauma** | **P10-P15** | **0** | **0** | **0** | **0** |
| 58 | Intracranial laceration and hemorrhage due to birth injury and other injuries to central nervous system | P10-P11 | 0 | 0 | 0 | 0 |
| 59 | Other birth trauma | P12-P15 | 0 | 0 | 0 | 0 |
| | **Intrauterine hypoxia and birth asphyxia** | **P20-P21** | **1** | **1** | **0** | **0** |
| 60 | Intrauterine hypoxia first noted before onset of labor | P20.0 | 0 | 0 | 0 | 0 |
| 61 | Intrauterine hypoxia first noted during labor and delivery | P20.1 | 0 | 0 | 0 | 0 |
| 62 | Intrauterine hypoxia, unspecified | P20.9 | 1 | 1 | 0 | 0 |
| 63 | Birth asphyxia | P21 | 0 | 0 | 0 | 0 |
| | **Other respiratory conditions originating in the perinatal period** | **P22.8-P22.9, P23-P28** | **0** | **0** | **0** | **0** |
| 64 | Congenital pneumonia | P23 | 0 | 0 | 0 | 0 |
| 65 | Aspiration syndromes | P24 | 0 | 0 | 0 | 0 |
| 66 | Interstitial emphysema and related conditions originating in the perinatal period | P25 | 0 | 0 | 0 | 0 |
| 67 | Atelectasis | P28.0-P28.1 | 0 | 0 | 0 | 0 |
| 68 | Other respiratory system disorders | P22.8-P22.9, P26- | 0 | 0 | 0 | 0 |
| | **Infections specific to the perinantal period** | **P35-P39** | **1** | **1** | **0** | **0** |
| 69 | Congenital rubella syndrome | P35.0 | 0 | 0 | 0 | 0 |
| 70 | Congenital cytomegalovirus infection | P35.1 | 0 | 0 | 0 | 0 |
| 71 | Congenital herpesviral (herpes simplex) infection | P35.2 | 0 | 0 | 0 | 0 |
| 72 | Congenital viral hepatitis | P35.3 | 0 | 0 | 0 | 0 |
| 73 | Bacterial sepsis | P36 | 0 | 0 | 0 | 0 |
| 74 | Congenital tuberculosis | P37.0 | 0 | 0 | 0 | 0 |
| 75 | Congenital toxoplasmosis | P37.1 | 0 | 0 | 0 | 0 |
| 76 | Other infections specific to the perinatal period | P35.8-P35.9, P37.2-P37.9, P38-P39 | 1 | 1 | 0 | 0 |
| **77** | **Fetal hemorrhage** | **P50-P54** | **0** | **0** | **0** | **0** |
| | **Hemolytic disease of fetus** | **P55-P56** | **0** | **0** | **0** | **0** |
| 78 | Rh isoimmunization of fetus | P55.0 | 0 | 0 | 0 | 0 |
| 79 | ABO isoimmunization of fetus | P55.1 | 0 | 0 | 0 | 0 |
| 80 | Other hemolytic disease of fetus | P55.8-P55.9 | 0 | 0 | 0 | 0 |
| 81 | Hydrops fetalis due to hemolytic disease | P56 | 0 | 0 | 0 | 0 |
| **82** | **Perinatal jaundice** | **P57-P59** | **0** | **0** | **0** | **0** |
| **83** | **Hematological disorders** | **P60-P61** | **0** | **0** | **0** | **0** |
| | **Transitory endocrine and metabolic disorders specific to fetus** | **P70-P74** | **2** | **0** | **2** | **0** |
| 84 | Syndrome of infant of a diabetic mother and neonatal diabetes mellitus | P70.0-P70.2 | 1 | 0 | 1 | 0 |
| 85 | Other transitory endocrine and metabolic disorders specific to fetus | P70.3-P70.9, P71-P74 | 1 | 0 | 1 | 0 |

## Table A26 continued. Fetal deaths by selected cause and gender, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 code | Total | Gender: Male | Female | Un-known |
|---|---|---|---|---|---|---|
| **86** | **Digestive system disorders of fetus** | **P76-P78** | **0** | **0** | **0** | **0** |
| | **Other conditions originating in the perinatal period** | **P29, P80-P96** | **124** | **61** | **61** | **2** |
| 87 | Hydrops fetalis not due to hemolytic disease | P83.2 | 8 | 4 | 4 | 0 |
| 88 | Fetal death of unspecified cause | P95 | 114 | 55 | 57 | 2 |
| 89 | Withdrawal symptoms from maternal use of drugs of addiction | P96.1 | 0 | 0 | 0 | 0 |
| 90 | Termination of pregnancy | P96.4 | 0 | 0 | 0 | 0 |
| 91 | Complications of intrauterine procedures, not elsewhere classified | P96.5 | 0 | 0 | 0 | 0 |
| 92 | All other specified conditions originating in the perinatal period | P29, P83.0-P83.1, P83.3-P83.9, P91, P94 ,P96.0, P96.3, P96.8 | 1 | 1 | 0 | 0 |
| 93 | Condition originating in the perinatal period, unspecified | P96.9 | 1 | 1 | 0 | 0 |
| | **Congenital malformations, deformations and chromosomal** | **Q00-Q99** | **31** | **16** | **13** | **2** |
| | **Congenital malformations of nervous system** | **Q00-Q07** | **12** | **4** | **7** | **1** |
| 94 | Anencephaly and similar malformations | Q00 | 5 | 3 | 2 | 0 |
| 95 | Encephalocele | Q01 | 1 | 0 | 1 | 0 |
| 96 | Microcephaly | Q02 | 1 | 0 | 1 | 0 |
| 97 | Congenital hydrocephalus | Q03 | 1 | 1 | 0 | 0 |
| 98 | Reduction deformities of brain | Q04.0-Q04.3 | 1 | 0 | 0 | 1 |
| 99 | Other congenital malformations of brain | Q04.4-Q04.9 | 1 | 0 | 1 | 0 |
| 100 | Spina bifida | Q05 | 1 | 0 | 1 | 0 |
| 101 | Other congenital malformations of spinal cord and nervous system | Q06-Q07 | 1 | 0 | 1 | 0 |
| **102** | **Congenital malformations of eye, ear, face and neck** | **Q10-Q18** | **1** | **0** | **1** | **0** |
| **103** | **Congenital malformations of heart** | **Q20-Q24** | **3** | **2** | **1** | **0** |
| **104** | **Congenital malformations of circulatory system** | **Q25-Q28** | **1** | **1** | **0** | **0** |
| **105** | **Congenital malformations of lung** | **Q33** | **1** | **0** | **1** | **0** |
| **106** | **Other congenital malformations of respiratory system** | **Q30-Q32, Q34** | **1** | **0** | **1** | **0** |
| **107** | **Congenital malformations of digestive system** | **Q35-Q45** | **1** | **0** | **1** | **0** |
| **108** | **Congenital malformations of genital organs** | **Q50-Q56** | **1** | **0** | **1** | **0** |
| | **Congenital malformations of urinary system** | **Q60-Q64** | **1** | **0** | **1** | **0** |
| 109 | Renal agenesis and other reduction defects of kidney | Q60 | 0 | 0 | 0 | 0 |
| 110 | Cystic kidney disease | Q61 | 1 | 0 | 1 | 0 |
| 111 | Other congenital malformations of urinary system | Q62-Q64 | 0 | 0 | 0 | 0 |
| **112** | **Congenital malformations and deformations of musculoskeletal system, limbs and integument** | **Q65-Q85** | **4** | **2** | **2** | **0** |
| | **Other congenital malformations** | **Q86-Q89** | **3** | **1** | **1** | **1** |
| 113 | Conjoined twins | Q89.4 | 0 | 0 | 0 | 0 |
| 114 | Multiple congenital malformations, not elsewhere classified | Q89.7 | 0 | 0 | 0 | 0 |
| 115 | All other congenital malformations | Q86-Q87, Q89.0-Q89.3, Q89.8-Q89.9 | 3 | 1 | 1 | 1 |
| | **Chromosomal abnormalities, not elsewhere classified** | **Q90-Q99** | **12** | **6** | **6** | **0** |
| 116 | Down's syndrome | Q90 | 1 | 1 | 0 | 0 |
| 117 | Edward's syndrome | Q91.0-Q91.3 | 7 | 3 | 4 | 0 |
| 118 | Patau's syndrome | Q91.4-Q91.7 | 1 | 0 | 1 | 0 |
| 119 | Other chromosomal abnormalities, not elsewhere classified | Q92-Q99 | 3 | 2 | 1 | 0 |
| **120** | **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified** | **R83-R94** | **0** | **0** | **0** | **0** |
| | **External causes of mortality** | ***U01, V01-Y84** | **1** | **1** | **0** | **0** |
| 121 | Accidents (unintentional injuries) | V01-X59 | 1 | 1 | 0 | 0 |
| 122 | Assault (homicide) | *U01, X85-Y09 | 0 | 0 | 0 | 0 |
| 123 | Complications of medical and surgical care | Y40-Y84 | 0 | 0 | 0 | 0 |
| 124 | Other external causes | Y10-Y36 | 0 | 0 | 0 | 0 |

## Table A27. Deaths to infants by race/ethnicity and age of infant, health district and county of residence: Utah, 2009

| Health district and county | Total | | | White | | | Hispanic all races | | | Black | | | Native American | | | Asian and Pacific Islander | | | Other non-White | | | Race not stated | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Neo-natal | Post neo-natal | Total | Neo-natal | Post neo-natal | Total | Neo-natal | Post neo-natal | Total | Neo-natal | Post neo-natal | Total | Neo-natal | Post neo-natal | Total | Neo-natal | Post neo-natal | Total | Neo-natal | Post neo-natal | Total | Neo-natal | Post neo-natal |
| Total | 285 | 209 | 76 | 206 | 147 | 59 | 49 | 36 | 13 | 4 | 2 | 2 | 1 | 1 | 0 | 6 | 5 | 1 | 0 | 0 | 0 | 19 | 18 | 1 |
| Bear River | 19 | 12 | 7 | 13 | 9 | 4 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Box Elder | 6 | 5 | 1 | 6 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cache | 13 | 7 | 6 | 7 | 4 | 3 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Rich | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Central Utah | 7 | 6 | 1 | 5 | 5 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Juab | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Millard | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Piute | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sanpete | 3 | 2 | 1 | 2 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sevier | 2 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wayne | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Davis | 39 | 32 | 7 | 31 | 24 | 7 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 |
| Salt Lake | 114 | 80 | 34 | 77 | 50 | 27 | 13 | 9 | 4 | 4 | 2 | 2 | 0 | 0 | 0 | 6 | 5 | 1 | 0 | 0 | 0 | 14 | 14 | 0 |
| Southeastern | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carbon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Emery | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| San Juan | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Southwest | 16 | 11 | 5 | 11 | 8 | 3 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beaver | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Garfield | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iron | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 15 | 11 | 4 | 10 | 8 | 2 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Summit | 4 | 4 | 0 | 3 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tooele | 6 | 5 | 1 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| TriCounty | 6 | 3 | 3 | 5 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daggett | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Duchesne | 3 | 1 | 2 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Uintah | 3 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah County | 50 | 37 | 13 | 39 | 28 | 11 | 11 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wasatch | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weber-Morgan | 22 | 17 | 5 | 15 | 12 | 3 | 7 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morgan | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weber | 21 | 16 | 5 | 14 | 11 | 3 | 7 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Hispanic deaths are not distributed by race.

## Table A28. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 Code | Sex | Total | Race: White | Race: Non-white | Age: 28 days to one year | Age: Total under 28 days | Age: 7-27 days | Age: 1-6 days | Age: Under 1 day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total** | | **T** | **285** | **239** | **46** | **76** | **209** | **43** | **36** | **130** |
| | | | **M** | **156** | **128** | **28** | **45** | **111** | **21** | **19** | **71** |
| | | | **F** | **129** | **111** | **18** | **31** | **98** | **22** | **17** | **59** |
| | **Certain infectious and parasitic diseases** | **A00-B99** | **T** | **3** | **1** | **2** | **2** | **1** | **0** | **0** | **1** |
| | | | **M** | **2** | **1** | **1** | **1** | **1** | **0** | **0** | **1** |
| | | | **F** | **1** | **0** | **1** | **1** | **0** | **0** | **0** | **0** |
| 1 | Certain intestinal infectious diseases | A00-A08 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | Diarrhea and gastroenteritis of infectious origin | A09 | T | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| | | | M | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | Tuberculosis | A16-A19 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | Tetanus | A33, A35 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | Diphtheria | A36 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | Whooping cough | A37 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | Meningococcal infection | A39 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | Septicemia | A40-A41 | T | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 9 | Congenital syphilis | A50 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | Gonococcal infection | A54 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Viral diseases | A80-B34 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | Acute poliomyelitis | A80 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | Varicella (chickenpox) | B01 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | Measles | B05 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | Human immunodeficiency virus (HIV) disease | B20-B24 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | Mumps | B26 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | Other and unspecified viral diseases | A81-B00, B02-B04,B06-B19,B25,B27-B34 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | Candidiasis | B37 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Table A28 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 Code | Sex | Total | Race: White | Race: Non-White | Age: 28 days to one year | Age: Total under 28 days | Age: 7-27 days | Age: 1-6 days | Age: Under 1 day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | Malaria | B50-B54 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | Pneumocystosis | B59 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | All other and unspecified infectious and parasitic diseases | A20-A32, A38, A42-A49, A51-A53, A55-A79, B35-B36, B38-B49, B55-B58, B60-B99 | T | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | | | M | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Neoplasms** | **C00-D48** | **T** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |
| | | | **M** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |
| | | | **F** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | **Malignant Neoplasms** | **C00-C97** | **T** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |
| | | | **M** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |
| | | | **F** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| 21 | Hodgkin's disease and non-Hodgkin's lymphomas | C81-C85 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | Leukemia | C91-C95 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | Other and unspecified malignant neoplasms | C00-C80, C88, C90, C96-C97 | T | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | M | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **24** | **In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior** | **D00-D48** | **T** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **M** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **F** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | **Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism** | **D50-D89** | **T** | **2** | **2** | **0** | **0** | **2** | **1** | **1** | **0** |
| | | | **M** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **F** | **2** | **2** | **0** | **0** | **2** | **1** | **1** | **0** |
| 25 | Anemias | D50-D64 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | Hemorrhagic conditions and other diseases of blood and blood-forming organs | D65-D76 | T | 2 | 2 | 0 | 0 | 2 | 1 | 1 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 2 | 2 | 0 | 0 | 2 | 1 | 1 | 0 |
| 27 | Certain disorders involving the immune mechanism | D80-D89 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Endocrine, nutritional, and metabolic diseases** | **E00-E88** | **T** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |
| | | | **M** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |
| | | | **F** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| 28 | Short stature, not elsewhere classified | E34.3 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | Nutritional deficiencies | E40-E64 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | Cystic fibrosis | E84 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | Volume depletion, disorders of fluid, electrolyte and acid-base balance | E86-E87 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | All other endocrine, nutritional and metabolic diseases | E00-E32, E34.0-E34.2, E34.4-E34.9, E65-E83, E85, E88 | T | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | M | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Diseases of the nervous system** | **G00-G98** | **T** | **3** | **3** | **0** | **2** | **1** | **1** | **0** | **0** |
| | | | **M** | **2** | **2** | **0** | **1** | **1** | **1** | **0** | **0** |
| | | | **F** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |

## Table A28 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 Code | Sex | Total | Race: White | Race: Non-White | Age: 28 days to one year | Age: Total under 28 days | Age: 7-27 days | Age: 1-6 days | Age: Under 1 day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | Meningitis | G00,G03 | T | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | M | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | Infantile spinal muscular atrophy, type I (Werdnig-Hoffman) | G12.0 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | Infantile cerebral palsy | G80 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | Anoxic brain damage, not elsewhere classified | G93.1 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | Other diseases of nervous system | G04, G06-G11, G12.1-G12.9, G20-G72, G81-G92, G93.0, G93.2-G93.9, G95-G98 | T | 2 | 2 | 0 | 1 | 1 | 1 | 0 | 0 |
| | | | M | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| | | | F | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **38** | **Diseases of the ear and mastoid process** | **H60-H93** | **T** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **M** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **F** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | **Diseases of the circulatory system** | **I00-I99** | **T** | **3** | **2** | **1** | **2** | **1** | **0** | **0** | **1** |
| | | | **M** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |
| | | | **F** | **2** | **1** | **1** | **1** | **1** | **0** | **0** | **1** |
| 39 | Pulmonary heart disease and diseases of pulmonary circulation | I26-I28 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | Pericarditis, endocarditis and myocarditis | I30,I33,I40 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | Cardiomyopathy | I42 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | Cardiac arrest | I46 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 | Cerebrovascular diseases | I60-I69 | T | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | M | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | All other diseases of circulatory system | I00-I25, I31, I34-I38, I44-I45, I47-I51, I70-I99 | T | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| | **Diseases of the respiratory system** | **J00-J98** | **T** | **4** | **3** | **1** | **4** | **0** | **0** | **0** | **0** |
| | | | **M** | **3** | **2** | **1** | **3** | **0** | **0** | **0** | **0** |
| | | | **F** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |
| 45 | Acute upper respiratory infections | J00-J06 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Influenza and pneumonia | J09-J18 | T | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| | | | M | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | Influenza | J09-J11 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | Pneumonia | J12-J18 | T | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| | | | M | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | Acute bronchitis and acute bronchiolitis | J20-J21 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | Bronchitis, chronic and unspecified | J40-J42 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Table A28 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 Code | Sex | Total | Race: White | Race: Non-White | Age: 28 days to one year | Age: Total under 28 days | Age: 7-27 days | Age: 1-6 days | Age: Under 1 day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | Asthma | J45-J46 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 | Pneumonitis due to solids and liquids | J69 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | Other and unspecified diseases of respiratory system | J22, J30-J39, J43-J44, J47-J68, J70-J98 | T | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 |
| | | | M | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| | | | F | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | **Diseases of the digestive system** | **K00-K92** | **T** | **4** | **3** | **1** | **3** | **1** | **1** | **0** | **0** |
| | | | **M** | **1** | **0** | **1** | **1** | **0** | **0** | **0** | **0** |
| | | | **F** | **3** | **3** | **0** | **2** | **1** | **1** | **0** | **0** |
| 53 | Gastritis, duodenitis, and noninfective enteritis and colitis | K29,K50-K55 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | Hernia of abdominal cavity and intestinal obstruction without hernia | K40-K46, K56 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55 | All other and unspecified diseases of digestive system | K00-K28, K30-K38, K57-K92 | T | 4 | 3 | 1 | 3 | 1 | 1 | 0 | 0 |
| | | | M | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| | | | F | 3 | 3 | 0 | 2 | 1 | 1 | 0 | 0 |
| | **Diseases of the genitourinary system** | **N00-N98** | **T** | **2** | **2** | **0** | **0** | **2** | **2** | **0** | **0** |
| | | | **M** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **F** | **2** | **2** | **0** | **0** | **2** | **2** | **0** | **0** |
| 56 | Renal failure and other disorders of kidney | N17-N19,N25,N27 | T | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 57 | Other and unspecified diseases of genitourinary system | N00-N15,N20-N23,N26,N28-N95 | T | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| | **Certain conditions originating in the perinatal period** | **P00-P96** | **T** | **141** | **110** | **31** | **2** | **139** | **23** | **23** | **93** |
| | | | **M** | **80** | **63** | **17** | **1** | **79** | **15** | **13** | **51** |
| | | | **F** | **61** | **47** | **14** | **1** | **60** | **8** | **10** | **42** |
| | Newborn affected by maternal factors and by complications of pregnancy, labor and delivery | P00-P04 | T | 42 | 37 | 5 | 1 | 41 | 1 | 1 | 39 |
| | | | M | 20 | 18 | 2 | 1 | 19 | 1 | 0 | 18 |
| | | | F | 22 | 19 | 3 | 0 | 22 | 0 | 1 | 21 |
| 58 | Newborn affected by maternal hypertensive disorders | P00.0 | T | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 2 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 2 |
| 59 | Newborn affected by other maternal conditions which may be unrelated to present pregnancy | P00.1-P00.9 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Newborn affected by maternal complications of pregnancy | P01 | T | 22 | 18 | 4 | 0 | 22 | 0 | 1 | 21 |
| | | | M | 10 | 9 | 1 | 0 | 10 | 0 | 0 | 10 |
| | | | F | 12 | 9 | 3 | 0 | 12 | 0 | 1 | 11 |
| 60 | Newborn affected by incompetent cervix | P01.0 | T | 8 | 8 | 0 | 0 | 8 | 0 | 0 | 8 |
| | | | M | 6 | 6 | 0 | 0 | 6 | 0 | 0 | 6 |
| | | | F | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 2 |
| 61 | Newborn affected by premature rupture of membranes | P01.1 | T | 13 | 10 | 3 | 0 | 13 | 0 | 1 | 12 |
| | | | M | 4 | 3 | 1 | 0 | 4 | 0 | 0 | 4 |
| | | | F | 9 | 7 | 2 | 0 | 9 | 0 | 1 | 8 |
| 62 | Newborn affected by multiple pregnancy | P01.5 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | Newborn affected by other maternal complications of pregnancy | P01.2-P01.4, P01.6-P01.9 | T | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| | Newborn affected by complications of placenta, cord and membranes | P02 | T | 18 | 17 | 1 | 1 | 17 | 1 | 0 | 16 |
| | | | M | 10 | 9 | 1 | 1 | 9 | 1 | 0 | 8 |
| | | | F | 8 | 8 | 0 | 0 | 8 | 0 | 0 | 8 |
| 64 | Newborn affected by complications involving placenta | P02.0-P02.3 | T | 6 | 5 | 1 | 1 | 5 | 0 | 0 | 5 |
| | | | M | 4 | 3 | 1 | 1 | 3 | 0 | 0 | 3 |
| | | | F | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 2 |

## Table A28 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 Code | Sex | Total | Race: White | Race: Non-White | Age: 28 days to one year | Age: Total under 28 days | Age: 7-27 days | Age: 1-6 days | Age: Under 1 day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | Newborn affected by complications involving cord | P02.4-P02.6 | T | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| | | | M | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | Newborn affected by chorioamnionitis | P02.7 | T | 11 | 11 | 0 | 0 | 11 | 0 | 0 | 11 |
| | | | M | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 5 |
| | | | F | 6 | 6 | 0 | 0 | 6 | 0 | 0 | 6 |
| 67 | Newborn affected by other and unspecified abnormalities of membranes | P02.8-P02.9 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 68 | Newborn affected by other complications of labor and delivery | P03 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 69 | Newborn affected by noxious influences transmitted via placenta or breast milk | P04 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Disorders related to length of gestation and fetal malnutrition | P05-P08 | T | 38 | 30 | 8 | 0 | 38 | 1 | 2 | 35 |
| | | | M | 22 | 17 | 5 | 0 | 22 | 1 | 2 | 19 |
| | | | F | 16 | 13 | 3 | 0 | 16 | 0 | 0 | 16 |
| 70 | Slow fetal growth and fetal malnutrition | P05 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Disorders related to short gestation and low birth weight, not elsewhere classified | P07 | T | 38 | 30 | 8 | 0 | 38 | 1 | 2 | 35 |
| | | | M | 22 | 17 | 5 | 0 | 22 | 1 | 2 | 19 |
| | | | F | 16 | 13 | 3 | 0 | 16 | 0 | 0 | 16 |
| 71 | Extremely low birth weight or extreme immaturity | P07.0-P07.2 | T | 30 | 26 | 4 | 0 | 30 | 1 | 1 | 28 |
| | | | M | 16 | 14 | 2 | 0 | 16 | 1 | 1 | 14 |
| | | | F | 14 | 12 | 2 | 0 | 14 | 0 | 0 | 14 |
| 72 | Other low birth weight or preterm | P07.1-P07.3 | T | 8 | 4 | 4 | 0 | 8 | 0 | 1 | 7 |
| | | | M | 6 | 3 | 3 | 0 | 6 | 0 | 1 | 5 |
| | | | F | 2 | 1 | 1 | 0 | 2 | 0 | 0 | 2 |
| 73 | Disorders related to long gestation and high birth weight | P08 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74 | Birth Trauma | P10-P15 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Intrauterine hypoxia and birth asphyxia | P20-P21 | T | 8 | 3 | 5 | 0 | 8 | 2 | 3 | 3 |
| | | | M | 5 | 1 | 4 | 0 | 5 | 0 | 2 | 3 |
| | | | F | 3 | 2 | 1 | 0 | 3 | 2 | 1 | 0 |
| 75 | Intrauterine hypoxia | P20 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 76 | Birth asphyxia | P21 | T | 8 | 3 | 5 | 0 | 8 | 2 | 3 | 3 |
| | | | M | 5 | 1 | 4 | 0 | 5 | 0 | 2 | 3 |
| | | | F | 3 | 2 | 1 | 0 | 3 | 2 | 1 | 0 |
| 77 | Respiratory distress of newborn | P22 | T | 4 | 3 | 1 | 0 | 4 | 2 | 1 | 1 |
| | | | M | 3 | 3 | 0 | 0 | 3 | 1 | 1 | 1 |
| | | | F | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| | Other respiratory conditions originating in the perinantal period | P23-P28 | T | 14 | 10 | 4 | 1 | 13 | 3 | 5 | 5 |
| | | | M | 8 | 7 | 1 | 0 | 8 | 3 | 3 | 2 |
| | | | F | 6 | 3 | 3 | 1 | 5 | 0 | 2 | 3 |
| 78 | Congenital pneumonia | P23 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 79 | Neonatal aspiration syndromes | P24 | T | 2 | 1 | 1 | 0 | 2 | 0 | 1 | 1 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 2 | 1 | 1 | 0 | 2 | 0 | 1 | 1 |
| 80 | Interstitial emphysema and related conditions originating in the perinatal period | P25 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Table A28 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 Code | Sex | Total | Race: White | Race: Non-White | Age: 28 days to one year | Age: Total under 28 days | Age: 7-27 days | Age: 1-6 days | Age: Under 1 day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 81 | Pulmonary hemorrhage originating in the perinatal period | P26 | T | 2 | 1 | 1 | 0 | 2 | 0 | 2 | 0 |
| | | | M | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| | | | F | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 82 | Chronic respiratory disease originating in the perinatal period | P27 | T | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 83 | Atelectasis | P28.0-P28.1 | T | 7 | 5 | 2 | 0 | 7 | 1 | 2 | 4 |
| | | | M | 5 | 4 | 1 | 0 | 5 | 1 | 2 | 2 |
| | | | F | 2 | 1 | 1 | 0 | 2 | 0 | 0 | 2 |
| 84 | All other respiratory conditions originating in the perinatal period | P28.2-P28.9 | T | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 0 |
| | | | M | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Infections specific to the perinatal period | P35-P39 | T | 10 | 7 | 3 | 0 | 10 | 4 | 2 | 4 |
| | | | M | 5 | 3 | 2 | 0 | 5 | 1 | 1 | 3 |
| | | | F | 5 | 4 | 1 | 0 | 5 | 3 | 1 | 1 |
| 85 | Bacterial sepsis of newborn | P36 | T | 9 | 6 | 3 | 0 | 9 | 4 | 2 | 3 |
| | | | M | 5 | 3 | 2 | 0 | 5 | 1 | 1 | 3 |
| | | | F | 4 | 3 | 1 | 0 | 4 | 3 | 1 | 0 |
| 86 | Omphalitis of newborn with or without mild hemorrhage | P38 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87 | All other infections specific to the perinatal period | P35,P37,P39 | T | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | Hemorrhagic and hematological disorders of newborn | P50-P61 | T | 14 | 11 | 3 | 0 | 14 | 7 | 5 | 2 |
| | | | M | 8 | 7 | 1 | 0 | 8 | 5 | 1 | 2 |
| | | | F | 6 | 4 | 2 | 0 | 6 | 2 | 4 | 0 |
| 88 | Neonatal hemorrhage | P50-P52,P54 | T | 11 | 8 | 3 | 0 | 11 | 7 | 3 | 1 |
| | | | M | 7 | 6 | 1 | 0 | 7 | 5 | 1 | 1 |
| | | | F | 4 | 2 | 2 | 0 | 4 | 2 | 2 | 0 |
| 89 | Hemorrhagic disease of newborn | P53 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90 | Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice | P55-P59 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 91 | Hematological disorders | P60-P61 | T | 3 | 3 | 0 | 0 | 3 | 0 | 2 | 1 |
| | | | M | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | | | F | 2 | 2 | 0 | 0 | 2 | 0 | 2 | 0 |
| 92 | Syndrome of infant of a diabetic mother and neonatal diabetes mellitus | P70.0-P70.2 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 93 | Necrotizing enterocolitis of newborn | P77 | T | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 0 |
| | | | M | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94 | Hydrops fetalis not due to hemolytic disease | P83.2 | T | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | | | M | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 95 | Other perinatal conditions | P29, P70.3-P70.9, P71-P76, P78-P81, P83.0-P83.1, P83.3-P83.9, P90-P96 | T | 8 | 6 | 2 | 0 | 8 | 1 | 4 | 3 |
| | | | M | 6 | 4 | 2 | 0 | 6 | 1 | 3 | 2 |
| | | | F | 2 | 2 | 0 | 0 | 2 | 0 | 1 | 1 |

## Table A28 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 Code | Sex | Total | Race: White | Race: Non-White | Age: 28 days to one year | Age: Total under 28 days | Age: 7-27 days | Age: 1-6 days | Age: Under 1 day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Congenital malformations, deformations and chromosomal abnormalities** | **Q00-Q99** | **T** | **76** | **71** | **5** | **19** | **57** | **11** | **11** | **35** |
| | | | **M** | **37** | **33** | **4** | **10** | **27** | **2** | **6** | **19** |
| | | | **F** | **39** | **38** | **1** | **9** | **30** | **9** | **5** | **16** |
| 96 | Anencephaly and similar malformations | Q00 | T | 4 | 3 | 1 | 0 | 4 | 0 | 2 | 2 |
| | | | M | 3 | 2 | 1 | 0 | 3 | 0 | 1 | 2 |
| | | | F | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 97 | Congenital hydrocephalus | Q03 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 98 | Spina bifida | Q05 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | Other congenital malformations of nervous system | Q01-Q02, Q04, Q06-Q07 | T | 7 | 7 | 0 | 3 | 4 | 1 | 1 | 2 |
| | | | M | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| | | | F | 6 | 6 | 0 | 3 | 3 | 1 | 0 | 2 |
| 100 | Congenital malformations of heart | Q20-Q24 | T | 17 | 17 | 0 | 9 | 8 | 2 | 3 | 3 |
| | | | M | 10 | 10 | 0 | 6 | 4 | 0 | 3 | 1 |
| | | | F | 7 | 7 | 0 | 3 | 4 | 2 | 0 | 2 |
| 101 | Other congenital malformations of circulatory system | Q25-Q28 | T | 4 | 3 | 1 | 1 | 3 | 2 | 1 | 0 |
| | | | M | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| | | | F | 2 | 2 | 0 | 0 | 2 | 1 | 1 | 0 |
| 102 | Congenital malformations of respiratory system | Q30-Q34 | T | 7 | 7 | 0 | 0 | 7 | 2 | 0 | 5 |
| | | | M | 3 | 3 | 0 | 0 | 3 | 1 | 0 | 2 |
| | | | F | 4 | 4 | 0 | 0 | 4 | 1 | 0 | 3 |
| 103 | Congenital malformations of digestive system | Q35-Q45 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 104 | Congenital malformations of genitourinary system | Q50-Q64 | T | 7 | 6 | 1 | 1 | 6 | 0 | 0 | 6 |
| | | | M | 4 | 3 | 1 | 0 | 4 | 0 | 0 | 4 |
| | | | F | 3 | 3 | 0 | 1 | 2 | 0 | 0 | 2 |
| 105 | Congenital malformations and deformations of musculoskeletal system, limbs and integument | Q65-Q85 | T | 6 | 5 | 1 | 1 | 5 | 1 | 1 | 3 |
| | | | M | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| | | | F | 4 | 4 | 0 | 0 | 4 | 1 | 1 | 2 |
| 106 | Downs syndrome | Q90 | T | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 1 |
| | | | M | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 1 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 107 | Edwards syndrome | Q91.0-Q91.3 | T | 4 | 3 | 1 | 1 | 3 | 1 | 0 | 2 |
| | | | M | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | | | F | 3 | 2 | 1 | 1 | 2 | 1 | 0 | 1 |
| 108 | Pataus syndrome | Q91.4-Q91.7 | T | 7 | 7 | 0 | 1 | 6 | 1 | 2 | 3 |
| | | | M | 4 | 4 | 0 | 1 | 3 | 0 | 1 | 2 |
| | | | F | 3 | 3 | 0 | 0 | 3 | 1 | 1 | 1 |
| 109 | Other congenital malformations and deformations | Q10-Q18, Q86-Q89 | T | 8 | 8 | 0 | 0 | 8 | 1 | 1 | 6 |
| | | | M | 4 | 4 | 0 | 0 | 4 | 0 | 0 | 4 |
| | | | F | 4 | 4 | 0 | 0 | 4 | 1 | 1 | 2 |
| 110 | Other chromosomal abnormalities, not elsewhere classified | Q92-Q99 | T | 3 | 3 | 0 | 1 | 2 | 0 | 0 | 2 |
| | | | M | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | | | F | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 1 |
| | **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified** | **R00-R99** | **T** | **26** | **24** | **2** | **24** | **2** | **2** | **0** | **0** |
| | | | **M** | **16** | **14** | **2** | **14** | **2** | **2** | **0** | **0** |
| | | | **F** | **10** | **10** | **0** | **10** | **0** | **0** | **0** | **0** |
| 111 | Sudden infant death syndrome | R95 | T | 14 | 13 | 1 | 13 | 1 | 1 | 0 | 0 |
| | | | M | 11 | 10 | 1 | 10 | 1 | 1 | 0 | 0 |
| | | | F | 3 | 3 | 0 | 3 | 0 | 0 | 0 | 0 |
| 112 | Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | R00-R53, R55-R94, R96-R99 | T | 12 | 11 | 1 | 11 | 1 | 1 | 0 | 0 |
| | | | M | 5 | 4 | 1 | 4 | 1 | 1 | 0 | 0 |
| | | | F | 7 | 7 | 0 | 7 | 0 | 0 | 0 | 0 |
| **113** | **All other diseases (residual)** | **F01-F99, H00-H57, L00-M99** | **T** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |
| | | | **M** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |
| | | | **F** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

## Table A28 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 Code | Sex | Total | Race: White | Race: Non-White | Age: 28 days to one year | Age: Total under 28 days | Age: 7-27 days | Age: 1-6 days | Age: Under 1 day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **External causes of mortality** | ***U01, V01-Y84** | **T** | **17** | **14** | **3** | **14** | **3** | **2** | **1** | **0** |
| | | | **M** | **11** | **9** | **2** | **10** | **1** | **1** | **0** | **0** |
| | | | **F** | **6** | **5** | **1** | **4** | **2** | **1** | **1** | **0** |
| | **Unintentional injuries** | **V01-X59, Y85-Y86** | **T** | **15** | **12** | **3** | **12** | **3** | **2** | **1** | **0** |
| | | | **M** | **9** | **7** | **2** | **8** | **1** | **1** | **0** | **0** |
| | | | **F** | **6** | **5** | **1** | **4** | **2** | **1** | **1** | **0** |
| | **Transport accidents** | **V01-V99** | **T** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **M** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **F** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| 114 | Motor vehicle accidents | V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1,V82.0-V82.1, V83-V86,V87.0-V87.8, V88.0-V88.8,V89.0,V89.2 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | Other and unspecified transport accidents | V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9,V88.9,V89.1,V89.3,V89.9,V90-V99 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | Falls | W00-W19 | T | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 117 | Accidental discharge of firearms | W32-W34 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | Accidental drowning and submersion | W65-W74 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | Accidental suffocation and strangulation in bed | W75 | T | 8 | 6 | 2 | 5 | 3 | 2 | 1 | 0 |
| | | | M | 5 | 3 | 2 | 4 | 1 | 1 | 0 | 0 |
| | | | F | 3 | 3 | 0 | 1 | 2 | 1 | 1 | 0 |
| 120 | Other accidental suffocation and strangulation | W76-W77, W81-W84 | T | 4 | 3 | 1 | 4 | 0 | 0 | 0 | 0 |
| | | | M | 3 | 3 | 0 | 3 | 0 | 0 | 0 | 0 |
| | | | F | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 121 | Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract | W78-W80 | T | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| | | | M | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | F | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 122 | Accidents caused by exposure to smoke, fire and flames | X00-X09 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | Accidental poisoning and exposure to noxious substances | X40-X49 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | Other and unspecified accidents | W20-W31,W35-W64,W85-W99,X10-X39,X50-X59 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Table A28 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2009

| | Cause of death (10th rev.) | ICD-10 Code | Sex | Total | Race: White | Race: Non-White | Age: 28 days to one year | Age: Total under 28 days | Age: 7-27 days | Age: 1-6 days | Age: Under 1 day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Assault (homicide)** | ***U01, X85-Y09** | **T** | **2** | **2** | **0** | **2** | **0** | **0** | **0** | **0** |
| | | | **M** | **2** | **2** | **0** | **2** | **0** | **0** | **0** | **0** |
| | | | **F** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| 125 | Assault (homicide) by hanging, strangulation and suffocation | X91 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126 | Assault (homicide) by discharge of firearms | *U01.4, X93-X95 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 127 | Neglect, abandonment and other maltreatment syndromes | Y06-Y07 | T | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | M | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 128 | Assault (homicide) by other and unspecified means | *U01.0-*U01.3, *U01.5-*U01.9, X85-X90, X92, X96-Y05, Y08-Y09 | T | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | M | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **129** | **Complications of medical and surgical care** | **Y40-Y84** | **T** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **M** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **F** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **130** | **Other external causes** | **X60-X84,Y10-Y36** | **T** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **M** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| | | | **F** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

There is one cause of death that is unknown and it is not distributed.

## Table A29. Deaths to infants under one year of age and fetal deaths by mother's health district and county of residence: Utah, 2009

| Health district and county | Total under 1 year | Age: Infant mortality: 28 days to 1 year | Neonatal mortality: 7-27 days | Neonatal mortality: 1-6 days | Perinatal mortality: 1-24 hours | Perinatal mortality: Under 1 hour | Fetal deaths |
|---|---|---|---|---|---|---|---|
| Total | 285 | 76 | 43 | 36 | 64 | 66 | 297 |
| Bear River | 19 | 7 | 3 | 3 | 4 | 2 | 18 |
| Box Elder | 6 | 1 | 1 | 1 | 2 | 1 | 7 |
| Cache | 13 | 6 | 2 | 2 | 2 | 1 | 11 |
| Rich | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Central Utah | 7 | 1 | 2 | 2 | 2 | 0 | 6 |
| Juab | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| Millard | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Piute | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sanpete | 3 | 1 | 1 | 1 | 0 | 0 | 2 |
| Sevier | 2 | 0 | 1 | 0 | 1 | 0 | 1 |
| Wayne | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Davis | 39 | 7 | 7 | 5 | 6 | 14 | 35 |
| Salt Lake | 114 | 34 | 19 | 9 | 26 | 26 | 104 |
| Southeastern | 1 | 0 | 1 | 0 | 0 | 0 | 5 |
| Carbon | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Emery | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Grand | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| San Juan | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| Southwest | 16 | 5 | 1 | 3 | 3 | 4 | 21 |
| Beaver | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Garfield | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Iron | 1 | 1 | 0 | 0 | 0 | 0 | 4 |
| Kane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 15 | 4 | 1 | 3 | 3 | 4 | 15 |
| Summit | 4 | 0 | 0 | 0 | 2 | 2 | 2 |
| Tooele | 6 | 1 | 1 | 1 | 2 | 1 | 8 |
| TriCounty | 6 | 3 | 0 | 2 | 1 | 0 | 3 |
| Daggett | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Duchesne | 3 | 2 | 0 | 0 | 1 | 0 | 0 |
| Uintah | 3 | 1 | 0 | 2 | 0 | 0 | 3 |
| Utah County | 50 | 13 | 8 | 5 | 11 | 13 | 67 |
| Wasatch | 1 | 0 | 0 | 0 | 1 | 0 | 3 |
| Weber-Morgan | 22 | 5 | 1 | 6 | 6 | 4 | 22 |
| Morgan | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Weber | 21 | 5 | 1 | 5 | 6 | 4 | 22 |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 3 |

## Table A30. Deaths by health district, county of residence and month: Utah, 2009

| Health district and county | Total | Month | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Total | 14,010 | 1,221 | 1,111 | 1,256 | 1,159 | 1,174 | 1,142 | 1,147 | 1,178 | 1,094 | 1,172 | 1,139 | 1,217 |
| Bear River | 767 | 67 | 68 | 63 | 55 | 59 | 58 | 63 | 69 | 75 | 44 | 66 | 80 |
| Box Elder | 300 | 27 | 31 | 25 | 24 | 28 | 19 | 24 | 26 | 25 | 18 | 23 | 30 |
| Cache | 455 | 39 | 36 | 37 | 29 | 31 | 37 | 36 | 42 | 50 | 26 | 43 | 49 |
| Rich | 12 | 1 | 1 | 1 | 2 | 0 | 2 | 3 | 1 | 0 | 0 | 0 | 1 |
| Central Utah | 559 | 46 | 44 | 48 | 58 | 52 | 37 | 45 | 44 | 48 | 34 | 53 | 50 |
| Juab | 83 | 11 | 7 | 6 | 10 | 8 | 4 | 5 | 5 | 7 | 9 | 7 | 4 |
| Millard | 87 | 3 | 9 | 7 | 9 | 10 | 9 | 9 | 8 | 6 | 1 | 9 | 7 |
| Piute | 17 | 1 | 3 | 1 | 1 | 2 | 0 | 2 | 1 | 1 | 2 | 3 | 0 |
| Sanpete | 166 | 17 | 8 | 15 | 14 | 17 | 15 | 12 | 14 | 20 | 11 | 9 | 14 |
| Sevier | 177 | 12 | 14 | 16 | 22 | 15 | 7 | 15 | 15 | 11 | 9 | 23 | 18 |
| Wayne | 29 | 2 | 3 | 3 | 2 | 0 | 2 | 2 | 1 | 3 | 2 | 2 | 7 |
| Davis | 1,352 | 110 | 108 | 119 | 106 | 133 | 131 | 119 | 104 | 97 | 105 | 99 | 121 |
| Salt Lake | 5,445 | 475 | 454 | 472 | 435 | 463 | 478 | 426 | 466 | 406 | 459 | 435 | 476 |
| Southeastern | 408 | 30 | 33 | 41 | 24 | 37 | 28 | 23 | 31 | 41 | 48 | 36 | 36 |
| Carbon | 182 | 14 | 15 | 16 | 9 | 19 | 8 | 13 | 13 | 23 | 14 | 20 | 18 |
| Emery | 77 | 6 | 2 | 5 | 5 | 4 | 6 | 5 | 8 | 5 | 18 | 6 | 7 |
| Grand | 69 | 6 | 5 | 12 | 4 | 6 | 6 | 2 | 5 | 6 | 10 | 2 | 5 |
| San Juan | 80 | 4 | 11 | 8 | 6 | 8 | 8 | 3 | 5 | 7 | 6 | 8 | 6 |
| Southwest | 1,335 | 110 | 92 | 118 | 116 | 115 | 100 | 109 | 112 | 117 | 119 | 116 | 111 |
| Beaver | 73 | 6 | 6 | 10 | 5 | 6 | 4 | 8 | 4 | 3 | 5 | 5 | 11 |
| Garfield | 30 | 1 | 0 | 2 | 2 | 1 | 5 | 3 | 2 | 4 | 3 | 4 | 3 |
| Iron | 245 | 14 | 17 | 22 | 21 | 16 | 16 | 26 | 25 | 20 | 25 | 27 | 16 |
| Kane | 53 | 4 | 2 | 5 | 6 | 4 | 3 | 6 | 3 | 2 | 9 | 3 | 6 |
| Washington | 934 | 85 | 67 | 79 | 82 | 88 | 72 | 66 | 78 | 88 | 77 | 77 | 75 |
| Summit | 117 | 9 | 10 | 15 | 9 | 9 | 8 | 6 | 8 | 8 | 13 | 13 | 9 |
| Tooele | 271 | 23 | 22 | 25 | 16 | 16 | 22 | 29 | 22 | 25 | 29 | 16 | 26 |
| TriCounty | 315 | 26 | 19 | 32 | 28 | 28 | 20 | 37 | 27 | 18 | 31 | 26 | 23 |
| Daggett | 8 | 0 | 0 | 0 | 4 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Duchesne | 100 | 13 | 6 | 13 | 6 | 7 | 10 | 8 | 9 | 3 | 12 | 8 | 5 |
| Uintah | 207 | 13 | 13 | 19 | 18 | 19 | 10 | 28 | 17 | 15 | 19 | 18 | 18 |
| Utah County | 1,846 | 172 | 149 | 180 | 173 | 124 | 139 | 158 | 164 | 131 | 153 | 153 | 150 |
| Wasatch | 102 | 5 | 6 | 13 | 13 | 7 | 6 | 8 | 9 | 8 | 12 | 8 | 7 |
| Weber-Morgan | 1,493 | 148 | 106 | 130 | 126 | 131 | 115 | 124 | 122 | 120 | 125 | 118 | 128 |
| Morgan | 40 | 6 | 3 | 2 | 1 | 2 | 3 | 5 | 2 | 1 | 3 | 5 | 7 |
| Weber | 1,453 | 142 | 103 | 128 | 125 | 129 | 112 | 119 | 120 | 119 | 122 | 113 | 121 |

## Table A31. Deaths by health district, county of residence, race/ethnicity and gender: Utah, 2009

| Health district and county | Total | | | Race and gender | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | White | | | Hispanic all races | | | Black | | | Native American | | | Asian and Pacific Islander | | | Other non-white | | | Race not stated | | |
| | Total | Male | Female | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F |
| **Total** | 14,010 | 7,134 | 6,876 | 12,780 | 6,442 | 6,338 | 694 | 401 | 293 | 99 | 51 | 48 | 118 | 69 | 49 | 208 | 113 | 95 | 13 | 5 | 8 | 98 | 53 | 45 |
| **Bear River** | 767 | 393 | 374 | 731 | 373 | 358 | 25 | 14 | 11 | 0 | 0 | 0 | 4 | 2 | 2 | 5 | 3 | 2 | 0 | 0 | 0 | 2 | 1 | 1 |
| Box Elder | 300 | 145 | 155 | 285 | 137 | 148 | 6 | 3 | 3 | 0 | 0 | 0 | 4 | 2 | 2 | 4 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| Cache | 455 | 243 | 212 | 434 | 231 | 203 | 19 | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| Rich | 12 | 5 | 7 | 12 | 5 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Central Utah** | 559 | 291 | 268 | 533 | 274 | 259 | 15 | 10 | 5 | 0 | 0 | 0 | 6 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 3 | 2 | 1 |
| Juab | 83 | 48 | 35 | 78 | 45 | 33 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Millard | 87 | 46 | 41 | 84 | 44 | 40 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Piute | 17 | 8 | 9 | 16 | 8 | 8 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sanpete | 166 | 84 | 82 | 158 | 79 | 79 | 4 | 3 | 1 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Sevier | 177 | 87 | 90 | 169 | 81 | 88 | 4 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| Wayne | 29 | 18 | 11 | 28 | 17 | 11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Davis** | 1,352 | 668 | 684 | 1,264 | 622 | 642 | 45 | 25 | 20 | 10 | 4 | 6 | 3 | 1 | 2 | 13 | 9 | 4 | 3 | 0 | 3 | 14 | 7 | 7 |
| **Salt Lake** | 5,445 | 2,767 | 2,678 | 4,807 | 2,397 | 2,410 | 351 | 211 | 140 | 62 | 33 | 29 | 29 | 16 | 13 | 148 | 83 | 65 | 6 | 1 | 5 | 42 | 26 | 16 |
| **Southeastern** | 408 | 207 | 201 | 348 | 174 | 174 | 22 | 10 | 12 | 0 | 0 | 0 | 36 | 21 | 15 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Carbon | 182 | 94 | 88 | 163 | 84 | 79 | 17 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Emery | 77 | 39 | 38 | 76 | 38 | 38 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand | 69 | 36 | 33 | 65 | 34 | 31 | 3 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| San Juan | 80 | 38 | 42 | 44 | 18 | 26 | 1 | 0 | 1 | 0 | 0 | 0 | 35 | 20 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Southwest** | 1,335 | 697 | 638 | 1,274 | 663 | 611 | 33 | 20 | 13 | 3 | 2 | 1 | 6 | 4 | 2 | 7 | 2 | 5 | 0 | 0 | 0 | 12 | 6 | 6 |
| Beaver | 73 | 34 | 39 | 71 | 32 | 39 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Garfield | 30 | 20 | 10 | 30 | 20 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iron | 245 | 123 | 122 | 232 | 117 | 115 | 6 | 3 | 3 | 0 | 0 | 0 | 4 | 3 | 1 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kane | 53 | 30 | 23 | 52 | 29 | 23 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 934 | 490 | 444 | 889 | 465 | 424 | 24 | 14 | 10 | 3 | 2 | 1 | 2 | 1 | 1 | 4 | 2 | 2 | 0 | 0 | 0 | 12 | 6 | 6 |
| **Summit** | 117 | 64 | 53 | 108 | 60 | 48 | 8 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Tooele** | 271 | 134 | 137 | 245 | 117 | 128 | 17 | 11 | 6 | 0 | 0 | 0 | 3 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 5 | 3 | 2 |
| **TriCounty** | 315 | 168 | 147 | 284 | 151 | 133 | 5 | 4 | 1 | 0 | 0 | 0 | 23 | 13 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 |
| Daggett | 8 | 6 | 2 | 8 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Duchesne | 100 | 60 | 40 | 94 | 56 | 38 | 1 | 1 | 0 | 0 | 0 | 0 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Uintah | 207 | 102 | 105 | 182 | 89 | 93 | 4 | 3 | 1 | 0 | 0 | 0 | 18 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 |
| **Utah County** | 1,846 | 938 | 908 | 1,741 | 884 | 857 | 74 | 35 | 39 | 3 | 2 | 1 | 4 | 4 | 0 | 12 | 5 | 7 | 1 | 1 | 0 | 11 | 7 | 4 |
| **Wasatch** | 102 | 45 | 57 | 97 | 43 | 54 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| **Weber-Morgan** | 1,493 | 762 | 731 | 1,348 | 684 | 664 | 97 | 57 | 40 | 20 | 9 | 11 | 4 | 3 | 1 | 18 | 7 | 11 | 2 | 2 | 0 | 4 | 0 | 4 |
| Morgan | 40 | 21 | 19 | 39 | 20 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weber | 1,453 | 741 | 712 | 1,309 | 664 | 645 | 97 | 57 | 40 | 20 | 9 | 11 | 4 | 3 | 1 | 17 | 6 | 11 | 2 | 2 | 0 | 4 | 0 | 4 |

Hispanic deaths are not distributed by race.

## Table A32. Deaths by age, race/ethnicity and gender, residents: Utah, 2009

| | | | | Race and gender | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | | | White | | | Hispanic all races | | | Black | | | Native American | | | Asian and Pacific Islander | | | Other non-white | | | Race not stated | | |
| Age | Total | Male | Female | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F |
| **Total** | 14,010 | 7,134 | 6,876 | 12,780 | 6,442 | 6,338 | 694 | 401 | 293 | 99 | 51 | 48 | 118 | 69 | 49 | 208 | 113 | 95 | 13 | 5 | 8 | 98 | 53 | 45 |
| **Under 1 year** | 285 | 156 | 129 | 206 | 112 | 94 | 49 | 28 | 21 | 4 | 2 | 2 | 1 | 0 | 1 | 6 | 4 | 2 | 0 | 0 | 0 | 19 | 10 | 9 |
| **Under 1 month** | 209 | 111 | 98 | 147 | 80 | 67 | 36 | 17 | 19 | 2 | 2 | 0 | 1 | 0 | 1 | 5 | 3 | 2 | 0 | 0 | 0 | 18 | 9 | 9 |
| **Under 1 week** | 166 | 90 | 76 | 114 | 64 | 50 | 31 | 15 | 16 | 1 | 1 | 0 | 1 | 0 | 1 | 4 | 2 | 2 | 0 | 0 | 0 | 15 | 8 | 7 |
| **Under 1 day** | 130 | 71 | 59 | 92 | 53 | 39 | 23 | 10 | 13 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 2 | 2 | 0 | 0 | 0 | 10 | 5 | 5 |
| **Under 1 hour** | 66 | 36 | 30 | 46 | 29 | 17 | 11 | 2 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 2 | 2 | 0 | 0 | 0 | 4 | 2 | 2 |
| **1 to 4** | 46 | 30 | 16 | 32 | 20 | 12 | 8 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| **5 to 9** | 31 | 16 | 15 | 25 | 15 | 10 | 4 | 0 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| **10 to 14** | 27 | 16 | 11 | 16 | 12 | 4 | 10 | 4 | 6 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15 to 19** | 118 | 79 | 39 | 90 | 59 | 31 | 20 | 14 | 6 | 1 | 1 | 0 | 3 | 3 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| **20 to 24** | 158 | 120 | 38 | 114 | 81 | 33 | 29 | 27 | 2 | 1 | 1 | 0 | 4 | 2 | 2 | 5 | 4 | 1 | 1 | 1 | 0 | 4 | 4 | 0 |
| **25 to 29** | 205 | 145 | 60 | 167 | 120 | 47 | 28 | 21 | 7 | 1 | 0 | 1 | 2 | 1 | 1 | 5 | 2 | 3 | 0 | 0 | 0 | 2 | 1 | 1 |
| **30 to 34** | 229 | 151 | 78 | 199 | 134 | 65 | 19 | 12 | 7 | 0 | 0 | 0 | 5 | 2 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 4 | 2 | 2 |
| **35 to 39** | 220 | 132 | 88 | 174 | 98 | 76 | 29 | 21 | 8 | 3 | 3 | 0 | 4 | 4 | 0 | 7 | 5 | 2 | 0 | 0 | 0 | 3 | 1 | 2 |
| **40 to 44** | 318 | 183 | 135 | 266 | 155 | 111 | 28 | 17 | 11 | 5 | 2 | 3 | 11 | 6 | 5 | 7 | 3 | 4 | 0 | 0 | 0 | 1 | 0 | 1 |
| **45 to 49** | 472 | 293 | 179 | 413 | 256 | 157 | 38 | 26 | 12 | 2 | 1 | 1 | 7 | 4 | 3 | 6 | 5 | 1 | 2 | 0 | 2 | 4 | 1 | 3 |
| **50 to 54** | 595 | 350 | 245 | 527 | 305 | 222 | 44 | 29 | 15 | 8 | 5 | 3 | 5 | 3 | 2 | 6 | 4 | 2 | 0 | 0 | 0 | 5 | 4 | 1 |
| **55 to 59** | 758 | 445 | 313 | 666 | 387 | 279 | 43 | 30 | 13 | 12 | 7 | 5 | 12 | 7 | 5 | 16 | 10 | 6 | 1 | 0 | 1 | 8 | 4 | 4 |
| **60 to 64** | 792 | 482 | 310 | 706 | 425 | 281 | 41 | 31 | 10 | 12 | 9 | 3 | 7 | 5 | 2 | 24 | 12 | 12 | 1 | 0 | 1 | 1 | 0 | 1 |
| **65 to 69** | 893 | 529 | 364 | 810 | 482 | 328 | 42 | 23 | 19 | 9 | 6 | 3 | 13 | 5 | 8 | 15 | 10 | 5 | 1 | 1 | 0 | 3 | 2 | 1 |
| **70 to 74** | 1,123 | 615 | 508 | 1,028 | 572 | 456 | 53 | 23 | 30 | 4 | 1 | 3 | 9 | 4 | 5 | 19 | 9 | 10 | 2 | 1 | 1 | 8 | 5 | 3 |
| **75 to 79** | 1,491 | 793 | 698 | 1,389 | 741 | 648 | 55 | 27 | 28 | 6 | 2 | 4 | 12 | 8 | 4 | 17 | 8 | 9 | 1 | 1 | 0 | 11 | 6 | 5 |
| **80 to 84** | 1,988 | 932 | 1,056 | 1,871 | 886 | 985 | 64 | 23 | 41 | 8 | 1 | 7 | 10 | 8 | 2 | 25 | 10 | 15 | 1 | 0 | 1 | 9 | 4 | 5 |
| **85 to 89** | 2,148 | 941 | 1,207 | 2,046 | 887 | 1,159 | 54 | 26 | 28 | 8 | 6 | 2 | 8 | 5 | 3 | 23 | 12 | 11 | 1 | 0 | 1 | 8 | 5 | 3 |
| **90 to 94** | 1,528 | 550 | 978 | 1,471 | 527 | 944 | 28 | 13 | 15 | 7 | 1 | 6 | 3 | 1 | 2 | 16 | 6 | 10 | 1 | 0 | 1 | 2 | 2 | 0 |
| **95 to 99** | 509 | 160 | 349 | 490 | 153 | 337 | 7 | 2 | 5 | 4 | 0 | 4 | 2 | 1 | 1 | 4 | 3 | 1 | 1 | 1 | 0 | 1 | 0 | 1 |
| **100 and over** | 76 | 16 | 60 | 74 | 15 | 59 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Hispanic deaths are not distributed by race.

## Table A33a. Deaths by health district, county of residence, age and gender: Utah, 2009

| Health district and county | Total | | | Age and gender | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Under 1 | | | 1-4 | | | 5-9 | | | 10-14 | | | 15-19 | | | 20-24 | | |
| | Total | Male | Female | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F |
| Total | 14,010 | 7,134 | 6,876 | 285 | 156 | 129 | 46 | 30 | 16 | 31 | 16 | 15 | 27 | 16 | 11 | 118 | 79 | 39 | 158 | 120 | 38 |
| Bear River | 767 | 393 | 374 | 19 | 13 | 6 | 3 | 2 | 1 | 1 | 1 | 0 | 4 | 2 | 2 | 12 | 9 | 3 | 8 | 4 | 4 |
| Box Elder | 300 | 145 | 155 | 6 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 1 | 1 | 4 | 2 | 2 |
| Cache | 455 | 243 | 212 | 13 | 10 | 3 | 2 | 1 | 1 | 1 | 1 | 0 | 2 | 1 | 1 | 8 | 6 | 2 | 4 | 2 | 2 |
| Rich | 12 | 5 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Central Utah | 559 | 291 | 268 | 7 | 5 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 6 | 3 | 3 |
| Juab | 83 | 48 | 35 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 |
| Millard | 87 | 46 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Piute | 17 | 8 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sanpete | 166 | 84 | 82 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 1 |
| Sevier | 177 | 87 | 90 | 2 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Wayne | 29 | 18 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Davis | 1,352 | 668 | 684 | 39 | 20 | 19 | 3 | 2 | 1 | 4 | 3 | 1 | 2 | 2 | 0 | 18 | 8 | 10 | 13 | 11 | 2 |
| Salt Lake | 5,445 | 2,767 | 2,678 | 114 | 68 | 46 | 22 | 16 | 6 | 14 | 7 | 7 | 3 | 2 | 1 | 39 | 28 | 11 | 62 | 49 | 13 |
| Unknown | | | | | | | | | | | | | | | | | | | | | |
| Southeastern | 408 | 207 | 201 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 4 | 0 | 5 | 3 | 2 |
| Carbon | 182 | 94 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 0 | 2 |
| Emery | 77 | 39 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Grand | 69 | 36 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| San Juan | 80 | 38 | 42 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 1 | 1 | 0 |
| Southwest | 1,335 | 697 | 638 | 16 | 7 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 11 | 7 | 4 | 11 | 9 | 2 |
| Beaver | 73 | 34 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Garfield | 30 | 20 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Iron | 245 | 123 | 122 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 3 | 1 | 2 | 2 | 2 | 0 |
| Kane | 53 | 30 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 2 | 1 |
| Washington | 934 | 490 | 444 | 15 | 7 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 5 | 1 | 5 | 4 | 1 |
| Summit | 117 | 64 | 53 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Tooele | 271 | 134 | 137 | 6 | 2 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 3 | 2 | 1 |
| TriCounty | 315 | 168 | 147 | 6 | 1 | 5 | 0 | 0 | 0 | 2 | 2 | 0 | 1 | 1 | 0 | 4 | 3 | 1 | 7 | 6 | 1 |
| Daggett | 8 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Duchesne | 100 | 60 | 40 | 3 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 3 | 3 | 0 |
| Uintah | 207 | 102 | 105 | 3 | 0 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 2 | 0 | 4 | 3 | 1 |
| Utah County | 1,846 | 938 | 908 | 50 | 25 | 25 | 12 | 8 | 4 | 6 | 2 | 4 | 8 | 3 | 5 | 18 | 11 | 7 | 26 | 20 | 6 |
| Wasatch | 102 | 45 | 57 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 2 | 0 |
| Weber-Morgan | 1,493 | 762 | 731 | 22 | 11 | 11 | 3 | 1 | 2 | 1 | 0 | 1 | 5 | 2 | 3 | 7 | 6 | 1 | 14 | 10 | 4 |
| Morgan | 40 | 21 | 19 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weber | 1,453 | 741 | 712 | 21 | 11 | 10 | 3 | 1 | 2 | 1 | 0 | 1 | 5 | 2 | 3 | 7 | 6 | 1 | 14 | 10 | 4 |

## Table A33b. Deaths by health district, county of residence, age and gender: Utah, 2009

| Health district and county | Age and gender | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 25-29 | | | 30-34 | | | 35-39 | | | 40-44 | | | 45-49 | | | 50-54 | | | 55-59 | | |
| | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F |
| Total | 205 | 145 | 60 | 229 | 151 | 78 | 220 | 132 | 88 | 318 | 183 | 135 | 472 | 293 | 179 | 595 | 350 | 245 | 758 | 445 | 313 |
| Bear River | 14 | 12 | 2 | 12 | 7 | 5 | 4 | 2 | 2 | 12 | 8 | 4 | 18 | 12 | 6 | 25 | 17 | 8 | 25 | 14 | 11 |
| Box Elder | 4 | 3 | 1 | 6 | 2 | 4 | 1 | 1 | 0 | 5 | 5 | 0 | 12 | 7 | 5 | 12 | 7 | 5 | 11 | 7 | 4 |
| Cache | 10 | 9 | 1 | 6 | 5 | 1 | 3 | 1 | 2 | 7 | 3 | 4 | 6 | 5 | 1 | 13 | 10 | 3 | 14 | 7 | 7 |
| Rich | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Central Utah | 4 | 4 | 0 | 6 | 4 | 2 | 6 | 3 | 3 | 9 | 5 | 4 | 14 | 8 | 6 | 24 | 17 | 7 | 31 | 20 | 11 |
| Juab | 1 | 1 | 0 | 1 | 1 | 0 | 3 | 1 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 4 | 4 | 0 |
| Millard | 1 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 7 | 6 | 1 |
| Piute | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 |
| Sanpete | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 1 | 1 | 2 | 2 | 0 | 4 | 2 | 2 | 9 | 8 | 1 | 11 | 5 | 6 |
| Sevier | 1 | 1 | 0 | 2 | 1 | 1 | 1 | 1 | 0 | 4 | 2 | 2 | 7 | 4 | 3 | 8 | 6 | 2 | 8 | 4 | 4 |
| Wayne | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 0 |
| Davis | 23 | 15 | 8 | 28 | 20 | 8 | 19 | 10 | 9 | 33 | 16 | 17 | 33 | 23 | 10 | 54 | 29 | 25 | 62 | 29 | 33 |
| Salt Lake | 81 | 50 | 31 | 96 | 59 | 37 | 109 | 62 | 47 | 130 | 79 | 51 | 208 | 127 | 81 | 252 | 156 | 96 | 316 | 193 | 123 |
| Southeastern | 3 | 2 | 1 | 3 | 2 | 1 | 7 | 4 | 3 | 10 | 4 | 6 | 15 | 11 | 4 | 22 | 12 | 10 | 21 | 14 | 7 |
| Carbon | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 3 | 5 | 2 | 3 | 6 | 4 | 2 | 8 | 5 | 3 | 12 | 8 | 4 |
| Emery | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 1 | 4 | 1 | 3 | 3 | 3 | 0 |
| Grand | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 4 | 3 | 1 | 7 | 4 | 3 | 4 | 2 | 2 |
| San Juan | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 4 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 1 | 2 | 1 | 1 |
| Southwest | 13 | 11 | 2 | 14 | 8 | 6 | 8 | 5 | 3 | 20 | 11 | 9 | 52 | 35 | 17 | 44 | 28 | 16 | 60 | 27 | 33 |
| Beaver | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 2 | 2 | 5 | 3 | 2 | 3 | 1 | 2 |
| Garfield | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 2 | 0 |
| Iron | 4 | 3 | 1 | 5 | 2 | 3 | 2 | 2 | 0 | 6 | 6 | 0 | 12 | 9 | 3 | 10 | 3 | 7 | 16 | 7 | 9 |
| Kane | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 2 | 2 | 0 | 2 | 3 | 3 | 0 |
| Washington | 7 | 6 | 1 | 9 | 6 | 3 | 5 | 3 | 2 | 13 | 4 | 9 | 31 | 21 | 10 | 26 | 21 | 5 | 36 | 14 | 22 |
| Summit | 4 | 2 | 2 | 0 | 0 | 0 | 4 | 3 | 1 | 6 | 5 | 1 | 5 | 4 | 1 | 6 | 3 | 3 | 10 | 6 | 4 |
| Tooele | 3 | 1 | 2 | 1 | 1 | 0 | 7 | 6 | 1 | 4 | 3 | 1 | 13 | 10 | 3 | 17 | 10 | 7 | 25 | 16 | 9 |
| TriCounty | 4 | 4 | 0 | 4 | 3 | 1 | 8 | 7 | 1 | 10 | 6 | 4 | 12 | 8 | 4 | 19 | 10 | 9 | 23 | 14 | 9 |
| Daggett | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 |
| Duchesne | 2 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 4 | 2 | 2 | 3 | 2 | 1 | 7 | 4 | 3 | 7 | 4 | 3 |
| Uintah | 2 | 2 | 0 | 3 | 2 | 1 | 6 | 5 | 1 | 6 | 4 | 2 | 9 | 6 | 3 | 10 | 5 | 5 | 16 | 10 | 6 |
| Utah County | 34 | 27 | 7 | 39 | 29 | 10 | 27 | 17 | 10 | 54 | 26 | 28 | 45 | 21 | 24 | 50 | 23 | 27 | 93 | 55 | 38 |
| Wasatch | 0 | 0 | 0 | 4 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 5 | 1 | 4 | 7 | 6 | 1 | 4 | 3 | 1 |
| Weber-Morgan | 22 | 17 | 5 | 22 | 16 | 6 | 20 | 12 | 8 | 30 | 20 | 10 | 52 | 33 | 19 | 75 | 39 | 36 | 88 | 54 | 34 |
| Morgan | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 1 | 2 | 1 | 1 |
| Weber | 21 | 16 | 5 | 22 | 16 | 6 | 19 | 12 | 7 | 30 | 20 | 10 | 51 | 33 | 18 | 73 | 38 | 35 | 86 | 53 | 33 |

## Table A33c. Deaths by health district, county of residence, age and gender: Utah, 2009

| Health district and county | 60-64 | | | 65-69 | | | 70-74 | | | 75-79 | | | 80-84 | | | 85 and over | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F |
| Total | 792 | 482 | 310 | 893 | 529 | 364 | 1,123 | 615 | 508 | 1,491 | 793 | 698 | 1,988 | 932 | 1,056 | 4,261 | 1,667 | 2,594 |
| Bear River | 31 | 23 | 8 | 38 | 21 | 17 | 45 | 26 | 19 | 91 | 49 | 42 | 108 | 48 | 60 | 297 | 123 | 174 |
| Box Elder | 8 | 4 | 4 | 16 | 7 | 9 | 20 | 12 | 8 | 36 | 19 | 17 | 43 | 20 | 23 | 111 | 43 | 68 |
| Cache | 20 | 18 | 2 | 20 | 14 | 6 | 25 | 14 | 11 | 53 | 28 | 25 | 63 | 28 | 35 | 185 | 80 | 105 |
| Rich | 3 | 1 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 2 | 0 | 2 | 1 | 0 | 1 |
| Central Utah | 32 | 24 | 8 | 37 | 28 | 9 | 67 | 39 | 28 | 64 | 36 | 28 | 76 | 41 | 35 | 170 | 52 | 118 |
| Juab | 8 | 7 | 1 | 5 | 4 | 1 | 9 | 7 | 2 | 11 | 8 | 3 | 7 | 4 | 3 | 25 | 8 | 17 |
| Millard | 5 | 3 | 2 | 7 | 3 | 4 | 11 | 7 | 4 | 11 | 4 | 7 | 15 | 11 | 4 | 23 | 7 | 16 |
| Piute | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 1 | 2 | 1 | 1 | 2 | 0 | 2 | 4 | 1 | 3 |
| Sanpete | 6 | 6 | 0 | 11 | 8 | 3 | 20 | 9 | 11 | 20 | 11 | 9 | 22 | 10 | 12 | 51 | 15 | 36 |
| Sevier | 11 | 6 | 5 | 12 | 11 | 1 | 22 | 12 | 10 | 15 | 9 | 6 | 23 | 11 | 12 | 59 | 18 | 41 |
| Wayne | 2 | 2 | 0 | 2 | 2 | 0 | 1 | 1 | 0 | 5 | 3 | 2 | 7 | 5 | 2 | 8 | 3 | 5 |
| Davis | 78 | 47 | 31 | 79 | 46 | 33 | 107 | 64 | 43 | 141 | 67 | 74 | 193 | 97 | 96 | 423 | 159 | 264 |
| Salt Lake | 336 | 196 | 140 | 352 | 207 | 145 | 411 | 226 | 185 | 559 | 293 | 266 | 737 | 316 | 421 | 1,604 | 633 | 971 |
| Southeastern | 24 | 16 | 8 | 30 | 14 | 16 | 46 | 22 | 24 | 46 | 20 | 26 | 72 | 39 | 33 | 98 | 38 | 60 |
| Carbon | 10 | 7 | 3 | 9 | 4 | 5 | 13 | 9 | 4 | 25 | 12 | 13 | 33 | 19 | 14 | 52 | 20 | 32 |
| Emery | 4 | 3 | 1 | 7 | 3 | 4 | 11 | 5 | 6 | 8 | 2 | 6 | 15 | 9 | 6 | 18 | 7 | 11 |
| Grand | 6 | 5 | 1 | 9 | 6 | 3 | 9 | 3 | 6 | 3 | 1 | 2 | 9 | 2 | 7 | 12 | 6 | 6 |
| San Juan | 4 | 1 | 3 | 5 | 1 | 4 | 13 | 5 | 8 | 10 | 5 | 5 | 15 | 9 | 6 | 16 | 5 | 11 |
| Southwest | 77 | 45 | 32 | 98 | 55 | 43 | 140 | 75 | 65 | 161 | 97 | 64 | 181 | 97 | 84 | 426 | 177 | 249 |
| Beaver | 3 | 1 | 2 | 4 | 3 | 1 | 4 | 3 | 1 | 16 | 6 | 10 | 6 | 3 | 3 | 25 | 9 | 16 |
| Garfield | 1 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 4 | 2 | 2 | 5 | 3 | 2 | 10 | 6 | 4 |
| Iron | 12 | 6 | 6 | 19 | 8 | 11 | 21 | 8 | 13 | 29 | 20 | 9 | 35 | 19 | 16 | 66 | 25 | 41 |
| Kane | 6 | 3 | 3 | 5 | 2 | 3 | 6 | 3 | 3 | 3 | 2 | 1 | 5 | 3 | 2 | 14 | 8 | 6 |
| Washington | 55 | 34 | 21 | 68 | 40 | 28 | 107 | 59 | 48 | 109 | 67 | 42 | 130 | 69 | 61 | 311 | 129 | 182 |
| Summit | 8 | 4 | 4 | 8 | 5 | 3 | 4 | 2 | 2 | 13 | 10 | 3 | 16 | 7 | 9 | 27 | 8 | 19 |
| Tooele | 22 | 14 | 8 | 22 | 10 | 12 | 21 | 6 | 15 | 33 | 15 | 18 | 30 | 16 | 14 | 61 | 20 | 41 |
| TriCounty | 23 | 16 | 7 | 20 | 15 | 5 | 31 | 12 | 19 | 28 | 15 | 13 | 45 | 18 | 27 | 68 | 27 | 41 |
| Daggett | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 3 | 2 | 1 | 0 | 0 | 0 |
| Duchesne | 10 | 7 | 3 | 7 | 7 | 0 | 7 | 4 | 3 | 4 | 3 | 1 | 12 | 5 | 7 | 26 | 12 | 14 |
| Uintah | 13 | 9 | 4 | 13 | 8 | 5 | 24 | 8 | 16 | 22 | 10 | 12 | 30 | 11 | 19 | 42 | 15 | 27 |
| Utah County | 76 | 46 | 30 | 106 | 63 | 43 | 136 | 76 | 60 | 177 | 92 | 85 | 280 | 142 | 138 | 609 | 252 | 357 |
| Wasatch | 6 | 3 | 3 | 3 | 1 | 2 | 8 | 3 | 5 | 8 | 3 | 5 | 17 | 7 | 10 | 35 | 13 | 22 |
| Weber-Morgan | 79 | 48 | 31 | 100 | 64 | 36 | 107 | 64 | 43 | 170 | 96 | 74 | 233 | 104 | 129 | 443 | 165 | 278 |
| Morgan | 2 | 2 | 0 | 4 | 4 | 0 | 2 | 2 | 0 | 1 | 1 | 0 | 11 | 5 | 6 | 12 | 4 | 8 |
| Weber | 77 | 46 | 31 | 96 | 60 | 36 | 105 | 62 | 43 | 169 | 95 | 74 | 222 | 99 | 123 | 431 | 161 | 270 |

## Table A34a. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | Total | County | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beaver | Box Elder | Cache | Carbon | Daggett | Davis | Duchesne | Emery | Garfield |
| **Total** | | **14,010** | **73** | **300** | **455** | **182** | **8** | **1,352** | **100** | **77** | **30** |
| **Salmonella infections** | **A01-A02** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Shigellosis and amebiasis** | **A03,A06** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Certain other intestinal infections** | **A04,A07-A09** | **40** | **1** | **0** | **1** | **0** | **0** | **2** | **0** | **0** | **0** |
| **Tuberculosis** | **A16-A19** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Respiratory tuberculosis | A16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other tuberculosis | A17-A19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whooping cough** | **A37** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Scarlet fever and erysipelas** | **A38, A46** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Meningococcal infection** | **A39** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Septicemia** | **A40-A41** | **116** | **3** | **3** | **3** | **2** | **1** | **16** | **2** | **3** | **0** |
| **Syphilis** | **A50-A53** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Acute poliomyelitis** | **A80** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Arthropod-borne viral encephalitis** | **A83-A84, A85.2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **B05** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Viral hepatitis** | **B15-B19** | **33** | **0** | **1** | **0** | **1** | **0** | **1** | **0** | **0** | **0** |
| **Human immunodeficiency virus (HIV) disease** | **B20-B24** | **15** | **0** | **0** | **0** | **1** | **0** | **2** | **0** | **0** | **0** |
| **Malaria** | **B50-B54** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Other and unspecified infectious and parasitic diseases and their sequelae** | **A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99** | **36** | **1** | **1** | **0** | **0** | **0** | **6** | **0** | **0** | **0** |
| **Malignant neoplasms** | **C00-C97** | **2,543** | **10** | **48** | **77** | **35** | **4** | **234** | **18** | **8** | **7** |
| Malignant neoplasms of lip, oral cavity and pharynx | C00-C14 | 28 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| Malignant neoplasm of esophagus | C15 | 54 | 0 | 1 | 2 | 0 | 0 | 7 | 1 | 1 | 0 |
| Malignant neoplasm of stomach | C16 | 57 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| Malignant neoplasms of colon, rectum and anus | C18-C21 | 262 | 0 | 7 | 8 | 3 | 1 | 27 | 0 | 2 | 1 |
| Malignant neoplasms of liver and intrahepatic bile ducts | C22 | 78 | 0 | 1 | 3 | 0 | 0 | 8 | 0 | 0 | 0 |
| Malignant neoplasm of pancreas | C25 | 191 | 0 | 4 | 9 | 6 | 0 | 9 | 0 | 1 | 0 |
| Malignant neoplasm of larynx | C32 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Malignant neoplasms of trachea, bronchus and lung | C33-C34 | 419 | 4 | 2 | 3 | 9 | 1 | 32 | 3 | 0 | 1 |
| Malignant melanoma of skin | C43 | 85 | 1 | 1 | 5 | 2 | 0 | 2 | 0 | 0 | 1 |
| Malignant neoplasm of breast | C50 | 230 | 0 | 5 | 6 | 0 | 0 | 28 | 2 | 1 | 0 |
| Malignant neoplasm of cervix uteri | C53 | 14 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Malignant neoplasm of corpus uteri and uterus, part unspecified | C54-C55 | 36 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| Malignant neoplasm of ovary | C56 | 67 | 0 | 0 | 2 | 2 | 1 | 14 | 0 | 0 | 0 |

## Table A34b. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Grand | Iron | Juab | Kane | Millard | Morgan | Piute | Rich | Salt Lake | San Juan |
| **Total** | | **69** | **245** | **83** | **53** | **87** | **40** | **17** | **12** | **5,445** | **80** |
| **Salmonella infections** | **A01-A02** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Shigellosis and amebiasis** | **A03,A06** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Certain other intestinal infections** | **A04,A07-A09** | **0** | **0** | **0** | **0** | **2** | **0** | **0** | **0** | **11** | **0** |
| **Tuberculosis** | **A16-A19** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Respiratory tuberculosis | A16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other tuberculosis | A17-A19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whooping cough** | **A37** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Scarlet fever and erysipelas** | **A38, A46** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Meningococcal infection** | **A39** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Septicemia** | **A40-A41** | **1** | **5** | **1** | **1** | **1** | **0** | **0** | **0** | **38** | **0** |
| **Syphilis** | **A50-A53** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Acute poliomyelitis** | **A80** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Arthropod-borne viral encephalitis** | **A83-A84, A85.2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **B05** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Viral hepatitis** | **B15-B19** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **18** | **0** |
| **Human immunodeficiency virus (HIV) disease** | **B20-B24** | **0** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **9** | **0** |
| **Malaria** | **B50-B54** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Other and unspecified infectious and parasitic diseases and their sequelae** | **A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **10** | **0** |
| **Malignant neoplasms** | **C00-C97** | **19** | **42** | **16** | **15** | **19** | **11** | **5** | **5** | **975** | **14** |
| Malignant neoplasms of lip, oral cavity and pharynx | C00-C14 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 13 | 1 |
| Malignant neoplasm of esophagus | C15 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 23 | 0 |
| Malignant neoplasm of stomach | C16 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 25 | 0 |
| Malignant neoplasms of colon, rectum and anus | C18-C21 | 2 | 2 | 3 | 1 | 3 | 0 | 0 | 0 | 90 | 0 |
| Malignant neoplasms of liver and intrahepatic bile ducts | C22 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 37 | 0 |
| Malignant neoplasm of pancreas | C25 | 1 | 1 | 0 | 4 | 1 | 1 | 0 | 1 | 79 | 1 |
| Malignant neoplasm of larynx | C32 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| Malignant neoplasms of trachea, bronchus and lung | C33-C34 | 4 | 6 | 2 | 3 | 3 | 1 | 1 | 2 | 183 | 3 |
| Malignant melanoma of skin | C43 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 28 | 0 |
| Malignant neoplasm of breast | C50 | 2 | 2 | 0 | 2 | 1 | 0 | 2 | 0 | 90 | 3 |
| Malignant neoplasm of cervix uteri | C53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 |
| Malignant neoplasm of corpus uteri and uterus, part unspecified | C54-C55 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 18 | 0 |
| Malignant neoplasm of ovary | C56 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 22 | 0 |

## Table A34c. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sanpete | Sevier | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| **Total** | | **166** | **177** | **117** | **271** | **207** | **1,846** | **102** | **934** | **29** | **1,453** |
| **Salmonella infections** | A01-A02 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Shigellosis and amebiasis** | A03,A06 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Certain other intestinal infections** | A04,A07-A09 | **0** | **0** | **0** | **0** | **4** | **11** | **1** | **2** | **0** | **5** |
| **Tuberculosis** | A16-A19 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** |
| Respiratory tuberculosis | A16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Other tuberculosis | A17-A19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whooping cough** | A37 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Scarlet fever and erysipelas** | A38, A46 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Meningococcal infection** | A39 | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Septicemia** | A40-A41 | **0** | **2** | **0** | **3** | **2** | **13** | **1** | **10** | **0** | **5** |
| **Syphilis** | A50-A53 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Acute poliomyelitis** | A80 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Arthropod-borne viral encephalitis** | A83-A84, A85.2 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | B05 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Viral hepatitis** | B15-B19 | **2** | **1** | **0** | **0** | **1** | **1** | **2** | **3** | **0** | **2** |
| **Human immunodeficiency virus (HIV) disease** | B20-B24 | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **1** |
| **Malaria** | B50-B54 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Other and unspecified infectious and parasitic diseases and their sequelae** | A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99 | **1** | **1** | **1** | **2** | **0** | **7** | **0** | **3** | **0** | **2** |
| **Malignant neoplasms** | C00-C97 | **36** | **36** | **29** | **51** | **31** | **332** | **16** | **198** | **5** | **247** |
| Malignant neoplasms of lip, oral cavity and pharynx | C00-C14 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 4 |
| Malignant neoplasm of esophagus | C15 | 1 | 1 | 0 | 1 | 1 | 5 | 0 | 1 | 0 | 6 |
| Malignant neoplasm of stomach | C16 | 0 | 1 | 1 | 1 | 1 | 8 | 0 | 7 | 0 | 6 |
| Malignant neoplasms of colon, rectum and anus | C18-C21 | 6 | 6 | 0 | 6 | 3 | 38 | 4 | 19 | 1 | 29 |
| Malignant neoplasms of liver and intrahepatic bile ducts | C22 | 1 | 3 | 1 | 0 | 0 | 6 | 2 | 3 | 0 | 8 |
| Malignant neoplasm of pancreas | C25 | 5 | 1 | 4 | 8 | 5 | 21 | 2 | 9 | 0 | 18 |
| Malignant neoplasm of larynx | C32 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Malignant neoplasms of trachea, bronchus and lung | C33-C34 | 3 | 3 | 3 | 10 | 6 | 39 | 2 | 44 | 0 | 46 |
| Malignant melanoma of skin | C43 | 1 | 0 | 2 | 2 | 1 | 18 | 0 | 5 | 0 | 11 |
| Malignant neoplasm of breast | C50 | 4 | 1 | 3 | 5 | 3 | 32 | 1 | 23 | 0 | 14 |
| Malignant neoplasm of cervix uteri | C53 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 2 | 0 | 1 |
| Malignant neoplasm of corpus uteri and uterus, part unspecified | C54-C55 | 0 | 0 | 0 | 0 | 2 | 7 | 0 | 1 | 0 | 2 |
| Malignant neoplasm of ovary | C56 | 2 | 1 | 2 | 1 | 0 | 10 | 1 | 2 | 1 | 5 |

## Table A34a continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | Total | County | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beaver | Box Elder | Cache | Carbon | Daggett | Davis | Duchesne | Emery | Garfield |
| Malignant neoplasm of prostate | C61 | 163 | 1 | 7 | 8 | 3 | 0 | 14 | 1 | 0 | 0 |
| Malignant neoplasms of kidney and renal pelvis | C64-C65 | 58 | 0 | 3 | 2 | 2 | 0 | 9 | 1 | 1 | 0 |
| Malignant neoplasm of bladder | C67 | 73 | 0 | 1 | 5 | 1 | 0 | 5 | 1 | 1 | 1 |
| Malignant neoplasms of meninges, brain and other parts of central nervous system | C70-C72 | 92 | 0 | 3 | 2 | 0 | 1 | 9 | 1 | 1 | 0 |
| Malignant neoplasms of lymphoid, hematopoietic and related tissue | C81-C96 | 299 | 0 | 7 | 13 | 2 | 0 | 27 | 2 | 0 | 1 |
| Hodgkin's disease | C81 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-Hodgkin's lymphoma | C82-C85 | 114 | 0 | 3 | 6 | 0 | 0 | 12 | 2 | 0 | 0 |
| Leukemia | C91-C95 | 109 | 0 | 4 | 3 | 2 | 0 | 9 | 0 | 0 | 1 |
| Multiple myeloma and immunoproliferative neoplasms | C88, C90 | 68 | 0 | 0 | 4 | 0 | 0 | 6 | 0 | 0 | 0 |
| Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other and unspecified malignant neoplasms | C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97 | 332 | 3 | 6 | 7 | 3 | 0 | 34 | 6 | 0 | 1 |
| **In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior** | **D00-D48** | **104** | **0** | **2** | **2** | **1** | **0** | **8** | **1** | **1** | **0** |
| **Anemias** | **D50-D64** | **17** | **0** | **0** | **0** | **1** | **0** | **2** | **0** | **0** | **0** |
| **Diabetes mellitus** | **E10-E14** | **457** | **0** | **9** | **11** | **8** | **0** | **40** | **6** | **3** | **2** |
| **Nutritional deficiencies** | **E40-E64** | **17** | **0** | **0** | **3** | **0** | **0** | **0** | **0** | **0** | **0** |
| Malnutrition | E40-E46 | 16 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other nutritional deficiencies | E50-E64 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Meningitis** | **G00, G03** | **5** | **0** | **0** | **2** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Parkinson's disease** | **G20-G21** | **173** | **0** | **3** | **12** | **2** | **0** | **24** | **1** | **1** | **1** |
| **Alzheimer's disease** | **G30** | **368** | **5** | **19** | **22** | **4** | **0** | **35** | **0** | **3** | **2** |
| **Major cardiovascular diseases** | **I00-I78** | **3,783** | **17** | **108** | **128** | **57** | **1** | **377** | **29** | **20** | **7** |
| Diseases of heart | I00-I09,I11,I13,I20-I51 | 2,785 | 11 | 71 | 91 | 43 | 0 | 269 | 23 | 12 | 4 |
| Acute rheumatic fever and chronic rheumatic heart diseases | I00-I09 | 34 | 0 | 0 | 2 | 0 | 0 | 7 | 0 | 0 | 0 |
| Hypertensive heart disease | I11 | 94 | 0 | 4 | 2 | 0 | 0 | 9 | 1 | 1 | 0 |
| Hypertensive heart and renal disease | I13 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ischemic heart diseases | I20-I25 | 1,375 | 7 | 43 | 55 | 15 | 0 | 154 | 12 | 6 | 3 |
| Acute myocardial infarction | I21-I22 | 464 | 3 | 26 | 17 | 8 | 0 | 40 | 6 | 2 | 1 |
| Other acute ischemic heart diseases | I24 | 22 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Other forms of chronic ischemic heart disease | I20, I25 | 889 | 4 | 17 | 38 | 7 | 0 | 113 | 5 | 4 | 2 |
| Atherosclerotic cardiovascular disease, so described | I25.0 | 63 | 0 | 1 | 0 | 2 | 0 | 15 | 0 | 1 | 0 |
| All other forms of chronic ischemic heart disease | I20, I25.1-I25.9 | 826 | 4 | 16 | 38 | 5 | 0 | 98 | 5 | 3 | 2 |
| Other heart diseases | I26-I51 | 1,276 | 4 | 24 | 32 | 28 | 0 | 99 | 10 | 5 | 1 |
| Acute and subacute endocarditis | I33 | 8 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Diseases of the pericardium and acute myocarditis | I30-I31, I40 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heart failure | I50 | 618 | 3 | 12 | 11 | 19 | 0 | 44 | 3 | 4 | 0 |
| All other forms of heart disease | I26-I28, I34-I38, I42-I49, I51 | 649 | 1 | 12 | 20 | 9 | 0 | 53 | 7 | 1 | 1 |

## Table A34b continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Grand | Iron | Juab | Kane | Millard | Morgan | Piute | Rich | Salt Lake | San Juan |
| Malignant neoplasm of prostate | C61 | 1 | 6 | 0 | 2 | 1 | 1 | 0 | 0 | 55 | 2 |
| Malignant neoplasms of kidney and renal pelvis | C64-C65 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 19 | 0 |
| Malignant neoplasm of bladder | C67 | 0 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 20 | 0 |
| Malignant neoplasms of meninges, brain and other parts of central nervous system | C70-C72 | 0 | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 37 | 0 |
| Malignant neoplasms of lymphoid, hematopoietic and related tissue | C81-C96 | 2 | 8 | 4 | 0 | 1 | 2 | 0 | 1 | 107 | 1 |
| Hodgkin's disease | C81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Non-Hodgkin's lymphoma | C82-C85 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 |
| Leukemia | C91-C95 | 0 | 5 | 2 | 0 | 0 | 1 | 0 | 1 | 35 | 1 |
| Multiple myeloma and immunoproliferative neoplasms | C88, C90 | 1 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 27 | 0 |
| Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other and unspecified malignant neoplasms | C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97 | 4 | 8 | 1 | 0 | 1 | 3 | 0 | 0 | 124 | 2 |
| **In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior** | **D00-D48** | **1** | **3** | **1** | **0** | **0** | **1** | **0** | **0** | **30** | **0** |
| **Anemias** | **D50-D64** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **9** | **0** |
| **Diabetes mellitus** | **E10-E14** | **2** | **8** | **3** | **1** | **3** | **0** | **1** | **2** | **165** | **3** |
| **Nutritional deficiencies** | **E40-E64** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **5** | **0** |
| Malnutrition | E40-E46 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| Other nutritional deficiencies | E50-E64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| **Meningitis** | **G00, G03** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **2** | **0** |
| **Parkinson's disease** | **G20-G21** | **0** | **0** | **1** | **1** | **2** | **1** | **0** | **0** | **67** | **1** |
| **Alzheimer's disease** | **G30** | **1** | **6** | **1** | **0** | **4** | **1** | **0** | **0** | **105** | **3** |
| **Major cardiovascular diseases** | **I00-I78** | **13** | **74** | **31** | **9** | **26** | **12** | **4** | **0** | **1,375** | **18** |
| Diseases of heart | I00-I09,I11,I13,I20-I51 | 11 | 54 | 28 | 8 | 18 | 9 | 3 | 0 | 1,011 | 15 |
| Acute rheumatic fever and chronic rheumatic heart diseases | I00-I09 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 11 | 0 |
| Hypertensive heart disease | I11 | 1 | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 24 | 0 |
| Hypertensive heart and renal disease | I13 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Ischemic heart diseases | I20-I25 | 4 | 25 | 15 | 2 | 12 | 6 | 1 | 0 | 461 | 10 |
| Acute myocardial infarction | I21-I22 | 1 | 14 | 9 | 1 | 7 | 1 | 1 | 0 | 141 | 7 |
| Other acute ischemic heart diseases | I24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| Other forms of chronic ischemic heart disease | I20, I25 | 3 | 11 | 6 | 1 | 5 | 5 | 0 | 0 | 309 | 3 |
| Atherosclerotic cardiovascular disease, so described | I25.0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 18 | 1 |
| All other forms of chronic ischemic heart disease | I20, I25.1-I25.9 | 2 | 11 | 6 | 1 | 5 | 4 | 0 | 0 | 291 | 2 |
| Other heart diseases | I26-I51 | 6 | 27 | 9 | 5 | 6 | 2 | 1 | 0 | 514 | 5 |
| Acute and subacute endocarditis | I33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Diseases of the pericardium and acute myocarditis | I30-I31, I40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heart failure | I50 | 1 | 9 | 7 | 3 | 1 | 0 | 1 | 0 | 247 | 4 |
| All other forms of heart disease | I26-I28, I34-I38, I42-I49, I51 | 5 | 18 | 2 | 2 | 5 | 2 | 0 | 0 | 265 | 1 |

## Table A34c continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sanpete | Sevier | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| Malignant neoplasm of prostate | C61 | 5 | 3 | 3 | 3 | 0 | 22 | 0 | 15 | 2 | 8 |
| Malignant neoplasms of kidney and renal pelvis | C64-C65 | 0 | 0 | 1 | 0 | 1 | 5 | 0 | 6 | 0 | 6 |
| Malignant neoplasm of bladder | C67 | 0 | 2 | 1 | 1 | 0 | 14 | 0 | 8 | 0 | 6 |
| Malignant neoplasms of meninges, brain and other parts of central nervous system | C70-C72 | 0 | 3 | 2 | 4 | 0 | 13 | 0 | 5 | 0 | 6 |
| Malignant neoplasms of lymphoid, hematopoietic and related tissue | C81-C96 | 6 | 5 | 2 | 6 | 2 | 44 | 1 | 17 | 1 | 37 |
| Hodgkin's disease | C81 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 4 |
| Non-Hodgkin's lymphoma | C82-C85 | 0 | 2 | 0 | 3 | 1 | 18 | 1 | 5 | 0 | 16 |
| Leukemia | C91-C95 | 4 | 2 | 1 | 2 | 0 | 17 | 0 | 6 | 1 | 12 |
| Multiple myeloma and immunoproliferative neoplasms | C88, C90 | 2 | 1 | 1 | 0 | 1 | 8 | 0 | 6 | 0 | 5 |
| Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other and unspecified malignant neoplasms | C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97 | 2 | 6 | 3 | 3 | 6 | 45 | 2 | 28 | 0 | 34 |
| **In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior** | **D00-D48** | **2** | **3** | **0** | **2** | **1** | **17** | **0** | **14** | **0** | **14** |
| **Anemias** | **D50-D64** | **0** | **0** | **0** | **0** | **0** | **4** | **0** | **0** | **0** | **1** |
| **Diabetes mellitus** | **E10-E14** | **12** | **8** | **4** | **7** | **9** | **60** | **0** | **25** | **2** | **63** |
| **Nutritional deficiencies** | **E40-E64** | **0** | **1** | **0** | **1** | **0** | **4** | **0** | **1** | **0** | **1** |
| Malnutrition | E40-E46 | 0 | 1 | 0 | 1 | 0 | 4 | 0 | 1 | 0 | 1 |
| Other nutritional deficiencies | E50-E64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Meningitis** | **G00, G03** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Parkinson's disease** | **G20-G21** | **4** | **1** | **2** | **2** | **0** | **20** | **2** | **15** | **0** | **10** |
| **Alzheimer's disease** | **G30** | **6** | **16** | **3** | **8** | **1** | **49** | **5** | **40** | **1** | **28** |
| **Major cardiovascular diseases** | **I00-I78** | **43** | **48** | **30** | **69** | **56** | **540** | **32** | **242** | **9** | **408** |
| Diseases of heart | I00-I09,I11,I13,I20-I51 | 30 | 34 | 25 | 57 | 43 | 402 | 21 | 174 | 3 | 315 |
| Acute rheumatic fever and chronic rheumatic heart diseases | I00-I09 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 2 | 0 | 3 |
| Hypertensive heart disease | I11 | 2 | 3 | 0 | 1 | 2 | 15 | 0 | 4 | 0 | 20 |
| Hypertensive heart and renal disease | I13 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Ischemic heart diseases | I20-I25 | 12 | 18 | 15 | 30 | 23 | 174 | 9 | 95 | 1 | 167 |
| Acute myocardial infarction | I21-I22 | 10 | 8 | 4 | 12 | 12 | 52 | 1 | 31 | 1 | 48 |
| Other acute ischemic heart diseases | I24 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 | 0 | 4 |
| Other forms of chronic ischemic heart disease | I20, I25 | 2 | 10 | 11 | 18 | 11 | 118 | 8 | 63 | 0 | 115 |
| Atherosclerotic cardiovascular disease, so described | I25.0 | 0 | 2 | 0 | 0 | 0 | 10 | 0 | 1 | 0 | 10 |
| All other forms of chronic ischemic heart disease | I20, I25.1-I25.9 | 2 | 8 | 11 | 18 | 11 | 108 | 8 | 62 | 0 | 105 |
| Other heart diseases | I26-I51 | 15 | 13 | 10 | 26 | 18 | 204 | 12 | 73 | 2 | 125 |
| Acute and subacute endocarditis | I33 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 |
| Diseases of the pericardium and acute myocarditis | I30-I31, I40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heart failure | I50 | 10 | 6 | 4 | 12 | 7 | 116 | 9 | 19 | 2 | 64 |
| All other forms of heart disease | I26-I28, I34-I38, I42-I49, I51 | 5 | 7 | 6 | 14 | 10 | 87 | 3 | 54 | 0 | 59 |

## Table A34a continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | Total | County | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beaver | Box Elder | Cache | Carbon | Daggett | Davis | Duchesne | Emery | Garfield |
| Essential (primary) hypertension and hypertensive renal disease | I10, I12 | 105 | 0 | 2 | 4 | 0 | 0 | 7 | 2 | 0 | 0 |
| Cerebrovascular diseases | I60-I69 | 734 | 6 | 33 | 29 | 8 | 0 | 75 | 3 | 4 | 2 |
| Atherosclerosis | I70 | 54 | 0 | 1 | 1 | 5 | 0 | 19 | 1 | 2 | 0 |
| Other diseases of the circulatory system | I71-I78 | 105 | 0 | 1 | 3 | 1 | 1 | 7 | 0 | 2 | 1 |
| Aortic aneurysm and dissection | I71 | 55 | 0 | 0 | 1 | 0 | 0 | 6 | 0 | 2 | 1 |
| Other diseases of arteries, arterioles, and capillaries | I72-I78 | 50 | 0 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| **Other disorders of circulatory system** | **I80-I99** | **37** | **1** | **1** | **2** | **1** | **0** | **3** | **0** | **0** | **0** |
| **Influenza and pneumonia** | **J09-J18** | **328** | **4** | **10** | **11** | **6** | **0** | **37** | **0** | **5** | **1** |
| Influenza | J09-J11 | 43 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 1 | 1 |
| Pneumonia | J12-J18 | 285 | 4 | 10 | 10 | 6 | 0 | 35 | 0 | 4 | 0 |
| **Other acute lower respiratory infections** | **J20-J22** | **6** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| Acute bronchitis and bronchiolitis | J20-J21 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unspecified acute lower respiratory infection | J22 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Chronic lower respiratory diseases** | **J40-J47** | **576** | **3** | **8** | **10** | **4** | **0** | **45** | **5** | **6** | **2** |
| Bronchitis, chronic and unspecified | J40-J42 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Emphysema | J43 | 71 | 0 | 3 | 0 | 0 | 0 | 6 | 0 | 0 | 0 |
| Asthma | J45-J46 | 30 | 0 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | 0 |
| Other chronic lower respiratory diseases | J44, J47 | 473 | 3 | 5 | 9 | 4 | 0 | 36 | 4 | 6 | 2 |
| **Pneumoconioses and chemical effects** | **J60-J66, J68** | **7** | **0** | **0** | **1** | **3** | **0** | **0** | **0** | **0** | **0** |
| **Pneumonitis due to solids and liquids** | **J69** | **103** | **0** | **1** | **0** | **2** | **0** | **4** | **1** | **0** | **0** |
| **Other diseases of respiratory system** | **J00-J06,J30-J39, J67, J70-J98** | **210** | **4** | **4** | **4** | **2** | **0** | **27** | **2** | **1** | **0** |
| **Peptic ulcer** | **K25-K28** | **14** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Diseases of appendix** | **K35-K38** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Hernia** | **K40-K46** | **12** | **0** | **2** | **1** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Chronic liver disease and cirrhosis** | **K70, K73-K74** | **151** | **0** | **3** | **1** | **2** | **0** | **11** | **2** | **0** | **0** |
| Alcoholic liver disease | K70 | 72 | 0 | 1 | 1 | 1 | 0 | 4 | 1 | 0 | 0 |
| Other chronic liver disease and cirrhosis | K73-K74 | 79 | 0 | 2 | 0 | 1 | 0 | 7 | 1 | 0 | 0 |
| **Cholelithiasis and other disorders of gallbladder** | **K80-K82** | **21** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| **Nephritis, nephrotic syndrome and nephrosis** | **N00-N07,N17-N19, N25-N27** | **210** | **2** | **9** | **6** | **1** | **0** | **9** | **4** | **1** | **1** |
| Acute and rapidly progressive nephritic and nephrotic syndrome | N00-N01,N04 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified | N02-N03, N05-N07,N26 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renal failure | N17-N19 | 193 | 2 | 9 | 4 | 1 | 0 | 9 | 4 | 1 | 1 |
| Other disorders of kidney | N25, N27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Infections of kidney** | **N10-N12, N13.6, N15.1** | **11** | **0** | **0** | **1** | **1** | **0** | **0** | **0** | **0** | **0** |
| **Hyperplasia of prostate** | **N40** | **3** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Inflammatory diseases of female pelvic organs** | **N70-N76** | **1** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |

## Table A34b continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Grand | Iron | Juab | Kane | Millard | Morgan | Piute | Rich | Salt Lake | San Juan |
| Essential (primary) hypertension and hypertensive renal disease | I10, I12 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 49 | 0 |
| Cerebrovascular diseases | I60-I69 | 1 | 16 | 2 | 1 | 5 | 3 | 0 | 0 | 266 | 3 |
| Atherosclerosis | I70 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| Other diseases of the circulatory system | I71-I78 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 42 | 0 |
| Aortic aneurysm and dissection | I71 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 |
| Other diseases of arteries, arterioles, and capillaries | I72-I78 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 22 | 0 |
| **Other disorders of circulatory system** | **I80-I99** | **0** | **1** | **0** | **0** | **1** | **0** | **0** | **0** | **16** | **0** |
| **Influenza and pneumonia** | **J09-J18** | **1** | **9** | **1** | **0** | **1** | **1** | **0** | **0** | **130** | **5** |
| Influenza | J09-J11 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| Pneumonia | J12-J18 | 0 | 7 | 1 | 0 | 1 | 1 | 0 | 0 | 108 | 5 |
| **Other acute lower respiratory infections** | **J20-J22** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **2** | **0** |
| Acute bronchitis and bronchiolitis | J20-J21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Unspecified acute lower respiratory infection | J22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| **Chronic lower respiratory diseases** | **J40-J47** | **2** | **10** | **3** | **4** | **4** | **1** | **1** | **0** | **242** | **1** |
| Bronchitis, chronic and unspecified | J40-J42 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Emphysema | J43 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 24 | 0 |
| Asthma | J45-J46 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 16 | 0 |
| Other chronic lower respiratory diseases | J44, J47 | 2 | 8 | 3 | 3 | 2 | 1 | 0 | 0 | 202 | 1 |
| **Pneumoconioses and chemical effects** | **J60-J66, J68** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Pneumonitis due to solids and liquids** | **J69** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** | **55** | **1** |
| **Other diseases of respiratory system** | **J00-J06,J30-J39, J67, J70-J98** | **1** | **3** | **2** | **1** | **1** | **1** | **0** | **0** | **77** | **1** |
| **Peptic ulcer** | **K25-K28** | **0** | **1** | **0** | **1** | **0** | **0** | **0** | **0** | **4** | **0** |
| **Diseases of appendix** | **K35-K38** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Hernia** | **K40-K46** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **4** | **0** |
| **Chronic liver disease and cirrhosis** | **K70, K73-K74** | **1** | **5** | **1** | **1** | **1** | **0** | **0** | **0** | **63** | **3** |
| Alcoholic liver disease | K70 | 1 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 32 | 2 |
| Other chronic liver disease and cirrhosis | K73-K74 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 31 | 1 |
| **Cholelithiasis and other disorders of gallbladder** | **K80-K82** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **9** | **0** |
| **Nephritis, nephrotic syndrome and nephrosis** | **N00-N07,N17-N19, N25-N27** | **0** | **7** | **0** | **2** | **0** | **0** | **1** | **0** | **73** | **0** |
| Acute and rapidly progressive nephritic and nephrotic syndrome | N00-N01,N04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified | N02-N03, N05-N07,N26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Renal failure | N17-N19 | 0 | 7 | 0 | 2 | 0 | 0 | 1 | 0 | 67 | 0 |
| Other disorders of kidney | N25, N27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Infections of kidney** | **N10-N12, N13.6, N15.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **4** | **0** |
| **Hyperplasia of prostate** | **N40** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Inflammatory diseases of female pelvic organs** | **N70-N76** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

## Table A34c continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sanpete | Sevier | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| Essential (primary) hypertension and hypertensive renal disease | I10, I12 | 3 | 2 | 0 | 1 | 1 | 12 | 0 | 10 | 0 | 10 |
| Cerebrovascular diseases | I60-I69 | 8 | 11 | 3 | 9 | 8 | 111 | 6 | 49 | 6 | 66 |
| Atherosclerosis | I70 | 0 | 0 | 1 | 0 | 1 | 3 | 4 | 3 | 0 | 3 |
| Other diseases of the circulatory system | I71-I78 | 2 | 1 | 1 | 2 | 3 | 12 | 1 | 6 | 0 | 14 |
| Aortic aneurysm and dissection | I71 | 2 | 0 | 1 | 2 | 1 | 7 | 0 | 3 | 0 | 8 |
| Other diseases of arteries, arterioles, and capillaries | I72-I78 | 0 | 1 | 0 | 0 | 2 | 5 | 1 | 3 | 0 | 6 |
| **Other disorders of circulatory system** | **I80-I99** | **0** | **1** | **0** | **2** | **0** | **5** | **0** | **3** | **0** | **0** |
| **Influenza and pneumonia** | **J09-J18** | **1** | **2** | **1** | **7** | **5** | **32** | **7** | **20** | **0** | **31** |
| Influenza | J09-J11 | 0 | 0 | 0 | 1 | 1 | 5 | 0 | 1 | 0 | 5 |
| Pneumonia | J12-J18 | 1 | 2 | 1 | 6 | 4 | 27 | 7 | 19 | 0 | 26 |
| **Other acute lower respiratory infections** | **J20-J22** | **0** | **0** | **0** | **0** | **0** | **2** | **0** | **1** | **0** | **0** |
| Acute bronchitis and bronchiolitis | J20-J21 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 |
| Unspecified acute lower respiratory infection | J22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Chronic lower respiratory diseases** | **J40-J47** | **9** | **10** | **3** | **20** | **15** | **44** | **2** | **33** | **0** | **89** |
| Bronchitis, chronic and unspecified | J40-J42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Emphysema | J43 | 2 | 2 | 0 | 3 | 3 | 7 | 1 | 6 | 0 | 11 |
| Asthma | J45-J46 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 3 |
| Other chronic lower respiratory diseases | J44, J47 | 6 | 8 | 3 | 16 | 11 | 36 | 1 | 27 | 0 | 74 |
| **Pneumoconioses and chemical effects** | **J60-J66, J68** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **2** | **0** | **0** |
| **Pneumonitis due to solids and liquids** | **J69** | **1** | **2** | **1** | **1** | **0** | **20** | **1** | **4** | **0** | **6** |
| **Other diseases of respiratory system** | **J00-J06,J30-J39, J67, J70-J98** | **2** | **2** | **2** | **4** | **2** | **28** | **0** | **16** | **0** | **23** |
| **Peptic ulcer** | **K25-K28** | **0** | **0** | **0** | **1** | **2** | **3** | **0** | **1** | **0** | **0** |
| **Diseases of appendix** | **K35-K38** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Hernia** | **K40-K46** | **0** | **0** | **1** | **1** | **0** | **2** | **0** | **0** | **0** | **0** |
| **Chronic liver disease and cirrhosis** | **K70, K73-K74** | **2** | **2** | **1** | **5** | **5** | **15** | **0** | **12** | **0** | **15** |
| Alcoholic liver disease | K70 | 1 | 1 | 0 | 4 | 0 | 6 | 0 | 7 | 0 | 5 |
| Other chronic liver disease and cirrhosis | K73-K74 | 1 | 1 | 1 | 1 | 5 | 9 | 0 | 5 | 0 | 10 |
| **Cholelithiasis and other disorders of gallbladder** | **K80-K82** | **0** | **0** | **0** | **0** | **0** | **6** | **0** | **3** | **1** | **1** |
| **Nephritis, nephrotic syndrome and nephrosis** | **N00-N07,N17-N19, N25-N27** | **2** | **4** | **2** | **6** | **3** | **33** | **0** | **15** | **1** | **28** |
| Acute and rapidly progressive nephritic and nephrotic syndrome | N00-N01,N04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified | N02-N03, N05-N07,N26 | 0 | 0 | 0 | 1 | 1 | 3 | 0 | 1 | 1 | 2 |
| Renal failure | N17-N19 | 2 | 4 | 2 | 5 | 2 | 30 | 0 | 14 | 0 | 26 |
| Other disorders of kidney | N25, N27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Infections of kidney** | **N10-N12, N13.6, N15.1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **2** | **0** | **2** |
| **Hyperplasia of prostate** | **N40** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **1** | **0** | **0** |
| **Inflammatory diseases of female pelvic organs** | **N70-N76** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

## Table A34a continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | Total | County | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beaver | Box Elder | Cache | Carbon | Daggett | Davis | Duchesne | Emery | Garfield |
| **Pregnancy, childbirth and puerperium** | **O00-O99** | **6** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Pregnancy with abortive outcome | O00-O07 | | | | | | | | | | |
| Other complications of pregnancy, childbirth and the puerperium | O10-O99 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Certain conditions originating in the perinatal period** | **P00-P96** | **142** | **0** | **4** | **6** | **0** | **0** | **23** | **0** | **0** | **0** |
| **Congenital malformations, deformations and chromosomal abnormalities** | **Q00-Q99** | **118** | **0** | **1** | **3** | **0** | **0** | **12** | **1** | **0** | **0** |
| **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified** | **R00-R99** | **849** | **10** | **11** | **38** | **7** | **1** | **98** | **2** | **4** | **2** |
| **All other diseases (Residual)** | **D65-E07,E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98** | **1,894** | **5** | **21** | **57** | **22** | **0** | **177** | **9** | **12** | **3** |
| **Unintentional injuries** | **V01-X59, Y85-Y86** | **873** | **4** | **20** | **33** | **8** | **1** | **76** | **11** | **4** | **1** |
| **Transport accidents** | **V01-V99, Y85** | **268** | **2** | **5** | **11** | **3** | **1** | **23** | **7** | **1** | **1** |
| Motor vehicle accidents | V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 - V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2 | 241 | 2 | 5 | 10 | 3 | 1 | 21 | 6 | 1 | 1 |
| Other land transport accidents | V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| Water, air and space, and other and unspecified transport accidents and their sequelae | V90-V99, Y85 | 13 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| **Nontransport accidents** | **W00-X59, Y86** | **605** | **2** | **15** | **22** | **5** | **0** | **53** | **4** | **3** | **0** |
| Falls | W00-W19 | 170 | 1 | 4 | 7 | 1 | 0 | 21 | 2 | 0 | 0 |
| Accidental discharge of firearms | W32-W34 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accidental drowning and submersion | W65-W74 | 23 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Accidental exposure to smoke, fire, and flames | X00-X09 | 9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Accidental poisoning and exposure to noxious substances | X40-X49 | 256 | 0 | 5 | 7 | 1 | 0 | 21 | 0 | 1 | 0 |
| Other and unspecified nontransport accidents and their sequelae | W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86 | 145 | 1 | 3 | 7 | 2 | 0 | 10 | 2 | 2 | 0 |

## Table A34b continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Grand | Iron | Juab | Kane | Millard | Morgan | Piute | Rich | Salt Lake | San Juan |
| **Pregnancy, childbirth and puerperium** | **O00-O99** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **2** | **0** |
| Pregnancy with abortive outcome | O00-O07 | | | | | | | | | | |
| Other complications of pregnancy, childbirth and the puerperium | O10-O99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| **Certain conditions originating in the perinatal period** | **P00-P96** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **58** | **1** |
| **Congenital malformations, deformations and chromosomal abnormalities** | **Q00-Q99** | **0** | **4** | **2** | **0** | **0** | **0** | **1** | **0** | **43** | **0** |
| **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified** | **R00-R99** | **0** | **17** | **0** | **3** | **1** | **1** | **1** | **1** | **379** | **0** |
| **All other diseases (Residual)** | **D65-E07,E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98** | **11** | **27** | **7** | **7** | **9** | **6** | **3** | **2** | **818** | **13** |
| **Unintentional injuries** | **V01-X59, Y85-Y86** | **9** | **13** | **8** | **2** | **11** | **4** | **0** | **2** | **336** | **13** |
| **Transport accidents** | **V01-V99, Y85** | **4** | **6** | **3** | **1** | **3** | **2** | **0** | **2** | **84** | **5** |
| Motor vehicle accidents | V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 - V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2 | 4 | 5 | 3 | 1 | 3 | 2 | 0 | 2 | 72 | 5 |
| Other land transport accidents | V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| Water, air and space, and other and unspecified transport accidents and their sequelae | V90-V99, Y85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| **Nontransport accidents** | **W00-X59, Y86** | **5** | **7** | **5** | **1** | **8** | **2** | **0** | **0** | **252** | **8** |
| Falls | W00-W19 | 1 | 3 | 3 | 0 | 0 | 1 | 0 | 0 | 67 | 4 |
| Accidental discharge of firearms | W32-W34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accidental drowning and submersion | W65-W74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 |
| Accidental exposure to smoke, fire, and flames | X00-X09 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 |
| Accidental poisoning and exposure to noxious substances | X40-X49 | 2 | 3 | 2 | 0 | 2 | 0 | 0 | 0 | 119 | 4 |
| Other and unspecified nontransport accidents and their sequelae | W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86 | 2 | 1 | 0 | 1 | 5 | 1 | 0 | 0 | 54 | 0 |

## Table A34c continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sanpete | Sevier | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| **Pregnancy, childbirth and puerperium** | **O00-O99** | **1** | **0** | **0** | **0** | **0** | **1** | **0** | **1** | **0** | **1** |
| Pregnancy with abortive outcome | O00-O07 | | | | | | | | | | |
| Other complications of pregnancy, childbirth and the puerperium | O10-O99 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| **Certain conditions originating in the perinatal period** | **P00-P96** | **1** | **1** | **2** | **3** | **2** | **23** | **0** | **7** | **0** | **11** |
| **Congenital malformations, deformations and chromosomal abnormalities** | **Q00-Q99** | **0** | **0** | **2** | **3** | **1** | **25** | **1** | **7** | **0** | **12** |
| **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified** | **R00-R99** | **5** | **4** | **4** | **13** | **6** | **84** | **6** | **58** | **0** | **93** |
| **All other diseases (Residual)** | **D65-E07,E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98** | **20** | **11** | **11** | **31** | **29** | **251** | **10** | **116** | **1** | **205** |
| **Unintentional injuries** | **V01-X59, Y85-Y86** | **8** | **16** | **7** | **21** | **19** | **114** | **11** | **42** | **7** | **72** |
| **Transport accidents** | **V01-V99, Y85** | **3** | **2** | **4** | **10** | **7** | **36** | **6** | **11** | **2** | **23** |
| Motor vehicle accidents | V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 - V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2 | 3 | 2 | 4 | 9 | 7 | 30 | 6 | 10 | 2 | 21 |
| Other land transport accidents | V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 2 |
| Water, air and space, and other and unspecified transport accidents and their sequelae | V90-V99, Y85 | 0 | 0 | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 0 |
| **Nontransport accidents** | **W00-X59, Y86** | **5** | **14** | **3** | **11** | **12** | **78** | **5** | **31** | **5** | **49** |
| Falls | W00-W19 | 1 | 5 | 0 | 3 | 2 | 21 | 1 | 14 | 0 | 8 |
| Accidental discharge of firearms | W32-W34 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Accidental drowning and submersion | W65-W74 | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 4 |
| Accidental exposure to smoke, fire, and flames | X00-X09 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| Accidental poisoning and exposure to noxious substances | X40-X49 | 1 | 2 | 1 | 4 | 5 | 35 | 4 | 9 | 0 | 28 |
| Other and unspecified nontransport accidents and their sequelae | W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86 | 3 | 4 | 2 | 4 | 3 | 17 | 0 | 7 | 5 | 9 |

## Table A34a continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | Total | County | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beaver | Box Elder | Cache | Carbon | Daggett | Davis | Duchesne | Emery | Garfield |
| **Intentional self-harm (suicide)** | ***U03, X60-X84, Y87.0** | **443** | **2** | **10** | **11** | **5** | **0** | **58** | **4** | **1** | **1** |
| Intentional self-harm (suicide) by discharge of firearms | X72-X74 | 216 | 2 | 2 | 7 | 5 | 0 | 23 | 2 | 0 | 0 |
| Intentional self-harm (suicide) by other and unspecified means and their sequelae | *U03, X60-X71, X75-X84, Y87.0 | 227 | 0 | 8 | 4 | 0 | 0 | 35 | 2 | 1 | 1 |
| **Assault (homicide)** | ***U01-*U02, X85-Y09, Y87.1** | **51** | **0** | **0** | **1** | **0** | **0** | **1** | **0** | **2** | **0** |
| Assault (homicide) by discharge of firearms | *U01.4, X93-X95 | 29 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 |
| Assault (homicide) by other and unspecified means and their sequelae | *U01.0-*U01.3, *U01.5-*U01.9, *U02, X85-X92, X96-Y09, Y87.1 | 22 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Legal intervention** | **Y35, Y89.0** | **7** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Events of undetermined intent** | **Y10-Y34, Y87.2, Y89.9** | **205** | **1** | **1** | **6** | **5** | **0** | **19** | **1** | **1** | **0** |
| Discharge of firearms, undetermined intent | Y22-Y24 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other and unspecified events of undetermined intent and their sequelae | Y10-Y21, Y25-Y34, Y87.2, Y89.9 | 201 | 1 | 1 | 6 | 5 | 0 | 19 | 1 | 1 | 0 |
| **Operations of war and their sequelae** | **Y36, Y89.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Complications of medical and surgical care** | **Y40-Y84, Y88** | **21** | **0** | **0** | **1** | **0** | **0** | **1** | **0** | **1** | **0** |

There is no cause of death for one resident and it is not distributed.

## Table A34b continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Grand | Iron | Juab | Kane | Millard | Morgan | Piute | Rich | Salt Lake | San Juan |
| **Intentional self-harm (suicide)** | ***U03, X60-X84, Y87.0** | **4** | **6** | **2** | **2** | **0** | **0** | **0** | **0** | **181** | **1** |
| Intentional self-harm (suicide) by discharge of firearms | X72-X74 | 2 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 90 | 0 |
| Intentional self-harm (suicide) by other and unspecified means and their sequelae | *U03, X60-X71, X75-X84, Y87.0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 91 | 1 |
| **Assault (homicide)** | ***U01-*U02, X85-Y09, Y87.1** | **0** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **27** | **1** |
| Assault (homicide) by discharge of firearms | *U01.4, X93-X95 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| Assault (homicide) by other and unspecified means and their sequelae | *U01.0-*U01.3, *U01.5-*U01.9, *U02, X85-X92, X96-Y09, Y87.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 1 |
| **Legal intervention** | **Y35, Y89.0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **4** | **0** |
| **Events of undetermined intent** | **Y10-Y34, Y87.2, Y89.9** | **1** | **1** | **2** | **2** | **0** | **0** | **0** | **0** | **90** | **1** |
| Discharge of firearms, undetermined intent | Y22-Y24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Other and unspecified events of undetermined intent and their sequelae | Y10-Y21, Y25-Y34, Y87.2, Y89.9 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 87 | 1 |
| **Operations of war and their sequelae** | **Y36, Y89.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Complications of medical and surgical care** | **Y40-Y84, Y88** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **7** | **0** |

There is no cause of death for one resident and it is not distributed.

## Table A34c continued. Deaths by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sanpete | Sevier | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| **Intentional self-harm (suicide)** | ***U03, X60-X84, Y87.0** | **4** | **2** | **5** | **4** | **9** | **60** | **3** | **21** | **1** | **46** |
| Intentional self-harm (suicide) by discharge of firearms | X72-X74 | 4 | 1 | 1 | 1 | 7 | 25 | 2 | 11 | 0 | 24 |
| Intentional self-harm (suicide) by other and unspecified means and their sequelae | *U03, X60-X71, X75-X84, Y87.0 | 0 | 1 | 4 | 3 | 2 | 35 | 1 | 10 | 1 | 22 |
| **Assault (homicide)** | ***U01-*U02, X85-Y09, Y87.1** | **1** | **0** | **0** | **0** | **1** | **8** | **0** | **0** | **0** | **8** |
| Assault (homicide) by discharge of firearms | *U01.4, X93-X95 | 1 | 0 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 3 |
| Assault (homicide) by other and unspecified means and their sequelae | *U01.0-*U01.3, *U01.5-*U01.9, *U02, X85-X92, X96-Y09, Y87.1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 |
| **Legal intervention** | **Y35, Y89.0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **1** | **0** | **1** |
| **Events of undetermined intent** | **Y10-Y34, Y87.2, Y89.9** | **2** | **3** | **4** | **3** | **1** | **30** | **1** | **8** | **1** | **21** |
| Discharge of firearms, undetermined intent | Y22-Y24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Other and unspecified events of undetermined intent and their sequelae | Y10-Y21, Y25-Y34, Y87.2, Y89.9 | 2 | 3 | 4 | 3 | 1 | 30 | 1 | 8 | 1 | 20 |
| **Operations of war and their sequelae** | **Y36, Y89.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Complications of medical and surgical care** | **Y40-Y84, Y88** | **0** | **0** | **1** | **1** | **0** | **2** | **0** | **6** | **0** | **1** |

There is no cause of death for one resident and it is not distributed.

## Table A35. Deaths by selected causes and age, residents: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Code | All ages | Age: Under 1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total** | | **14,010** | **285** | **46** | **58** | **276** | **434** | **538** | **1,067** | **1,550** | **2,016** | **7,740** |
| **Salmonella infections** | **A01-A02** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Shigellosis and amebiasis** | **A03,A06** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Certain other intestinal infections** | **A04,A07-A09** | **40** | **1** | **0** | **0** | **1** | **1** | **0** | **2** | **3** | **4** | **28** |
| **Tuberculosis** | **A16-A19** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** |
| Respiratory tuberculosis | A16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Other tuberculosis | A17-A19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whooping cough** | **A37** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Scarlet fever and erysipelas** | **A38, A46** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Meningococcal infection** | **A39** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Septicemia** | **A40-A41** | **116** | **1** | **0** | **0** | **1** | **2** | **5** | **9** | **23** | **19** | **56** |
| **Syphilis** | **A50-A53** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Acute poliomyelitis** | **A80** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Arthropod-borne viral encephalitis** | **A83-A84, A85.2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **B05** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Viral hepatitis** | **B15-B19** | **33** | **0** | **0** | **0** | **0** | **0** | **1** | **13** | **15** | **3** | **1** |
| **Human immunodeficiency virus (HIV) disease** | **B20-B24** | **15** | **0** | **0** | **0** | **0** | **1** | **5** | **6** | **3** | **0** | **0** |
| **Malaria** | **B50-B54** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Other and unspecified infectious and parasitic diseases and their sequelae** | **A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99** | **36** | **1** | **0** | **0** | **0** | **1** | **0** | **4** | **8** | **8** | **14** |
| **Malignant neoplasms** | **C00-C97** | **2,543** | **1** | **1** | **7** | **15** | **32** | **61** | **240** | **449** | **620** | **1,117** |
| Malignant neoplasms of lip, oral cavity and pharynx | C00-C14 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 9 | 10 |
| Malignant neoplasm of esophagus | C15 | 54 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 12 | 11 | 20 |
| Malignant neoplasm of stomach | C16 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 10 | 15 | 26 |
| Malignant neoplasms of colon, rectum and anus | C18-C21 | 262 | 0 | 0 | 0 | 0 | 3 | 8 | 28 | 50 | 60 | 113 |
| Malignant neoplasms of liver and intrahepatic bile ducts | C22 | 78 | 0 | 0 | 1 | 0 | 2 | 1 | 8 | 20 | 14 | 32 |
| Malignant neoplasm of pancreas | C25 | 191 | 0 | 0 | 0 | 0 | 1 | 3 | 18 | 41 | 51 | 77 |
| Malignant neoplasm of larynx | C32 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 2 |
| Malignant neoplasms of trachea, bronchus and lung | C33-C34 | 419 | 0 | 0 | 0 | 0 | 0 | 4 | 36 | 74 | 132 | 173 |
| Malignant melanoma of skin | C43 | 85 | 0 | 0 | 0 | 0 | 6 | 6 | 12 | 17 | 19 | 25 |
| Malignant neoplasm of breast | C50 | 230 | 0 | 0 | 0 | 0 | 2 | 8 | 34 | 61 | 54 | 71 |
| Malignant neoplasm of cervix uteri | C53 | 14 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 4 | 2 | 0 |
| Malignant neoplasm of corpus uteri and uterus, part unspecified | C54-C55 | 36 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 10 | 11 | 12 |
| Malignant neoplasm of ovary | C56 | 67 | 0 | 0 | 0 | 0 | 3 | 3 | 10 | 15 | 11 | 25 |

## Table A35 continued. Deaths by selected causes and age, residents: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Code | All ages | Age: Under 1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Malignant neoplasm of prostate | C61 | 163 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 26 | 124 |
| Malignant neoplasms of kidney and renal pelvis | C64-C65 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 9 | 8 | 36 |
| Malignant neoplasm of bladder | C67 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 13 | 52 |
| Malignant neoplasms of meninges, brain and other parts of central nervous system | C70-C72 | 92 | 0 | 0 | 4 | 4 | 4 | 9 | 16 | 18 | 16 | 21 |
| Malignant neoplasms of lymphoid, hematopoietic and related tissue | C81-C96 | 299 | 0 | 0 | 0 | 3 | 4 | 7 | 19 | 37 | 72 | 157 |
| Hodgkin's disease | C81 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 3 |
| Non-Hodgkin's lymphoma | C82-C85 | 114 | 0 | 0 | 0 | 0 | 2 | 5 | 7 | 15 | 29 | 56 |
| Leukemia | C91-C95 | 109 | 0 | 0 | 0 | 3 | 2 | 2 | 7 | 14 | 21 | 60 |
| Multiple myeloma and immunoproliferative neoplasms | C88, C90 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 18 | 38 |
| Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other and unspecified malignant neoplasms | C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97 | 332 | 1 | 1 | 2 | 8 | 7 | 6 | 27 | 43 | 96 | 141 |
| **In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior** | **D00-D48** | **104** | **0** | **1** | **0** | **0** | **2** | **2** | **7** | **16** | **15** | **61** |
| **Anemias** | **D50-D64** | **17** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **1** | **1** | **14** |
| **Diabetes mellitus** | **E10-E14** | **457** | **0** | **0** | **0** | **2** | **9** | **14** | **40** | **79** | **96** | **217** |
| **Nutritional deficiencies** | **E40-E64** | **17** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **16** |
| Malnutrition | E40-E46 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 |
| Other nutritional deficiencies | E50-E64 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **Meningitis** | **G00, G03** | **5** | **1** | **0** | **0** | **0** | **0** | **0** | **1** | **1** | **1** | **1** |
| **Parkinson's disease** | **G20-G21** | **173** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **4** | **26** | **143** |
| **Alzheimer's disease** | **G30** | **368** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **7** | **22** | **339** |
| **Major cardiovascular diseases** | **I00-I78** | **3,783** | **3** | **0** | **6** | **6** | **24** | **59** | **192** | **367** | **510** | **2,616** |
| Diseases of heart | I00-I09,I11,I13,I20-I51 | 2,785 | 2 | 0 | 4 | 6 | 16 | 44 | 154 | 278 | 379 | 1,902 |
| Acute rheumatic fever and chronic rheumatic heart diseases | I00-I09 | 34 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 1 | 6 | 20 |
| Hypertensive heart disease | I11 | 94 | 0 | 0 | 0 | 0 | 3 | 4 | 7 | 8 | 7 | 65 |
| Hypertensive heart and renal disease | I13 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 |
| Ischemic heart diseases | I20-I25 | 1,375 | 1 | 0 | 2 | 1 | 5 | 18 | 86 | 176 | 230 | 856 |
| Acute myocardial infarction | I21-I22 | 464 | 0 | 0 | 0 | 0 | 4 | 6 | 32 | 79 | 85 | 258 |
| Other acute ischemic heart diseases | I24 | 22 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 17 |
| Other forms of chronic ischemic heart disease | I20, I25 | 889 | 1 | 0 | 2 | 1 | 1 | 11 | 53 | 96 | 143 | 581 |
| Atherosclerotic cardiovascular disease, so described | I25.0 | 63 | 0 | 0 | 0 | 0 | 0 | 2 | 6 | 13 | 10 | 32 |
| All other forms of chronic ischemic heart disease | I20, I25.1-I25.9 | 826 | 1 | 0 | 2 | 1 | 1 | 9 | 47 | 83 | 133 | 549 |
| Other heart diseases | I26-I51 | 1,276 | 1 | 0 | 1 | 4 | 7 | 21 | 58 | 91 | 135 | 958 |
| Acute and subacute endocarditis | I33 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 1 | 1 |
| Diseases of the pericardium and acute myocarditis | I30-I31, I40 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heart failure | I50 | 618 | 1 | 0 | 0 | 0 | 0 | 4 | 9 | 20 | 44 | 540 |
| All other forms of heart disease | I26-I28, I34-I38, I42-I49, I51 | 649 | 0 | 0 | 1 | 3 | 7 | 17 | 48 | 66 | 90 | 417 |

## Table A35 continued. Deaths by selected causes and age, residents: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Code | All ages | Age: Under 1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Essential (primary) hypertension and hypertensive renal disease | I10, I12 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 12 | 13 | 77 |
| Cerebrovascular diseases | I60-I69 | 734 | 1 | 0 | 2 | 0 | 8 | 13 | 28 | 60 | 86 | 536 |
| Atherosclerosis | I70 | 54 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 12 | 38 |
| Other diseases of the circulatory system | I71-I78 | 105 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 15 | 20 | 63 |
| Aortic aneurysm and dissection | I71 | 55 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 8 | 12 | 28 |
| Other diseases of arteries, arterioles, and capillaries | I72-I78 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 8 | 35 |
| **Other disorders of circulatory system** | **I80-I99** | **37** | **0** | **1** | **0** | **0** | **1** | **1** | **5** | **5** | **7** | **17** |
| **Influenza and pneumonia** | **J09-J18** | **328** | **2** | **1** | **3** | **8** | **10** | **13** | **21** | **27** | **39** | **204** |
| Influenza | J09-J11 | 43 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 4 | 5 | 7 |
| Pneumonia | J12-J18 | 285 | 2 | 0 | 0 | 4 | 5 | 7 | 13 | 23 | 34 | 197 |
| **Other acute lower respiratory infections** | **J20-J22** | **6** | **0** | **1** | **0** | **1** | **0** | **0** | **1** | **0** | **0** | **3** |
| Acute bronchitis and bronchiolitis | J20-J21 | 5 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| Unspecified acute lower respiratory infection | J22 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **Chronic lower respiratory diseases** | **J40-J47** | **576** | **0** | **0** | **1** | **0** | **3** | **5** | **33** | **65** | **133** | **336** |
| Bronchitis, chronic and unspecified | J40-J42 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Emphysema | J43 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 8 | 18 | 38 |
| Asthma | J45-J46 | 30 | 0 | 0 | 1 | 0 | 3 | 2 | 3 | 4 | 3 | 14 |
| Other chronic lower respiratory diseases | J44, J47 | 473 | 0 | 0 | 0 | 0 | 0 | 3 | 23 | 53 | 112 | 282 |
| **Pneumoconioses and chemical effects** | **J60-J66, J68** | **7** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **7** |
| **Pneumonitis due to solids and liquids** | **J69** | **103** | **0** | **1** | **0** | **1** | **1** | **3** | **5** | **11** | **14** | **67** |
| **Other diseases of respiratory system** | **J00-J06,J30-J39, J67, J70-J98** | **210** | **2** | **0** | **2** | **3** | **3** | **2** | **14** | **18** | **41** | **125** |
| **Peptic ulcer** | **K25-K28** | **14** | **0** | **1** | **0** | **0** | **0** | **0** | **0** | **2** | **3** | **8** |
| **Diseases of appendix** | **K35-K38** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** |
| **Hernia** | **K40-K46** | **12** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **1** | **3** | **7** |
| **Chronic liver disease and cirrhosis** | **K70, K73-K74** | **151** | **0** | **0** | **0** | **0** | **4** | **16** | **32** | **34** | **31** | **34** |
| Alcoholic liver disease | K70 | 72 | 0 | 0 | 0 | 0 | 4 | 12 | 22 | 19 | 12 | 3 |
| Other chronic liver disease and cirrhosis | K73-K74 | 79 | 0 | 0 | 0 | 0 | 0 | 4 | 10 | 15 | 19 | 31 |
| **Cholelithiasis and other disorders of gallbladder** | **K80-K82** | **21** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **1** | **5** | **14** |
| **Nephritis, nephrotic syndrome and nephrosis** | **N00-N07,N17-N19, N25-N27** | **210** | **2** | **0** | **2** | **2** | **4** | **4** | **6** | **15** | **34** | **141** |
| Acute and rapidly progressive nephritic and nephrotic syndrome | N00-N01,N04 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified | N02-N03, N05-N07,N26 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 9 |
| Renal failure | N17-N19 | 193 | 1 | 0 | 2 | 2 | 4 | 4 | 6 | 13 | 31 | 130 |
| Other disorders of kidney | N25, N27 | | | | | | | | | | | |
| **Infections of kidney** | **N10-N12, N13.6, N15.1** | **11** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **11** |
| **Hyperplasia of prostate** | **N40** | **3** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **3** |
| **Inflammatory diseases of female pelvic organs** | **N70-N76** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |

## Table A35 continued. Deaths by selected causes and age, residents: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Code | All ages | Age: Under 1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pregnancy, childbirth and puerperium** | **O00-O99** | **6** | **0** | **0** | **0** | **0** | **2** | **2** | **2** | **0** | **0** | **0** |
| Pregnancy with abortive outcome | O00-O07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other complications of pregnancy, childbirth and the puerperium | O10-O99 | 6 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |
| **Certain conditions originating in the perinatal period** | **P00-P96** | **142** | **141** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Congenital malformations, deformations and chromosomal abnormalities** | **Q00-Q99** | **118** | **76** | **10** | **4** | **3** | **5** | **5** | **4** | **3** | **5** | **3** |
| **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified** | **R00-R99** | **849** | **26** | **3** | **2** | **4** | **7** | **15** | **16** | **32** | **47** | **697** |
| **All other diseases (Residual)** | **D65-E07,E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98** | **1,894** | **10** | **3** | **8** | **15** | **37** | **64** | **118** | **198** | **237** | **1,204** |
| **Unintentional injuries** | **V01-X59, Y85-Y86** | **873** | **15** | **18** | **19** | **108** | **115** | **110** | **137** | **89** | **61** | **201** |
| **Transport accidents** | **V01-V99, Y85** | **268** | **0** | **5** | **12** | **60** | **34** | **31** | **53** | **29** | **18** | **26** |
| Motor vehicle accidents | V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 - V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2 | 241 | 0 | 4 | 12 | 59 | 30 | 28 | 45 | 25 | 16 | 22 |
| Other land transport accidents | V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 14 | 0 | 1 | 0 | 1 | 0 | 0 | 5 | 1 | 2 | 4 |
| Water, air and space, and other and unspecified transport accidents and their sequelae | V90-V99, Y85 | 13 | 0 | 0 | 0 | 0 | 4 | 3 | 3 | 3 | 0 | 0 |
| **Nontransport accidents** | **W00-X59, Y86** | **605** | **15** | **13** | **7** | **48** | **81** | **79** | **84** | **60** | **43** | **175** |
| Falls | W00-W19 | 170 | 1 | 4 | 1 | 3 | 5 | 3 | 11 | 14 | 18 | 110 |
| Accidental discharge of firearms | W32-W34 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| Accidental drowning and submersion | W65-W74 | 23 | 0 | 5 | 1 | 7 | 4 | 1 | 1 | 3 | 1 | 0 |
| Accidental exposure to smoke, fire, and flames | X00-X09 | 9 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 4 | 2 | 0 |
| Accidental poisoning and exposure to noxious substances | X40-X49 | 256 | 0 | 1 | 0 | 31 | 68 | 59 | 62 | 24 | 9 | 2 |
| Other and unspecified nontransport accidents and their sequelae | W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86 | 145 | 14 | 3 | 5 | 6 | 3 | 14 | 10 | 14 | 13 | 63 |

## Table A35 continued. Deaths by selected causes and age, residents: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Code | All ages | Age: Under 1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Intentional self-harm (suicide)** | ***U03, X60-X84, Y87.0** | **443** | **0** | **0** | **3** | **66** | **107** | **91** | **95** | **49** | **18** | **14** |
| Intentional self-harm (suicide) by discharge of firearms | X72-X74 | 216 | 0 | 0 | 1 | 28 | 47 | 39 | 49 | 28 | 12 | 12 |
| Intentional self-harm (suicide) by other and unspecified means and their sequelae | *U03, X60-X71, X75-X84, Y87.0 | 227 | 0 | 0 | 2 | 38 | 60 | 52 | 46 | 21 | 6 | 2 |
| **Assault (homicide)** | ***U01-*U02, X85-Y09, Y87.1** | **51** | **2** | **2** | **1** | **12** | **8** | **7** | **10** | **5** | **4** | **0** |
| Assault (homicide) by discharge of firearms | *U01.4, X93-X95 | 29 | 0 | 1 | 1 | 7 | 5 | 5 | 6 | 2 | 2 | 0 |
| Assault (homicide) by other and unspecified means and their sequelae | *U01.0-*U01.3, *U01.5-*U01.9, *U02, X85-X92, X96-Y09, Y87.1 | 22 | 2 | 1 | 0 | 5 | 3 | 2 | 4 | 3 | 2 | 0 |
| **Legal intervention** | **Y35, Y89.0** | **7** | **0** | **0** | **0** | **1** | **3** | **1** | **1** | **1** | **0** | **0** |
| **Events of undetermined intent** | **Y10-Y34, Y87.2, Y89.9** | **205** | **0** | **1** | **0** | **26** | **52** | **51** | **48** | **18** | **4** | **5** |
| Discharge of firearms, undetermined intent | Y22-Y24 | 4 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 |
| Other and unspecified events of undetermined intent and their sequelae | Y10-Y21, Y25-Y34, Y87.2, Y89.9 | 201 | 0 | 1 | 0 | 25 | 50 | 50 | 48 | 18 | 4 | 5 |
| **Operations of war and their sequelae** | **Y36, Y89.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Complications of medical and surgical care** | **Y40-Y84, Y88** | **21** | **0** | **1** | **0** | **0** | **0** | **0** | **2** | **0** | **4** | **14** |

There is no cause of death for one resident and it is not distributed

## Table A36. Deaths by health district, county of occurrence and place where death occurred: Utah, 2009

| Health district and county | Total | Place of death | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Hospital | Home | Hospice | Enroute | Nursing home | Clinic or office | Other place | Assisted living |
| Total | 14,605 | 4,668 | 5,349 | 245 | 75 | 2,342 | 7 | 976 | 943 |
| Bear River | 682 | 128 | 268 | 0 | 4 | 183 | 0 | 40 | 59 |
| Box Elder | 248 | 43 | 108 | 0 | 2 | 68 | 0 | 16 | 11 |
| Cache | 428 | 85 | 154 | 0 | 2 | 115 | 0 | 24 | 48 |
| Rich | 6 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Central Utah | 476 | 121 | 178 | 0 | 12 | 69 | 0 | 44 | 52 |
| Juab | 81 | 24 | 22 | 0 | 5 | 12 | 0 | 10 | 8 |
| Millard | 85 | 31 | 27 | 0 | 3 | 13 | 0 | 10 | 1 |
| Piute | 9 | 0 | 8 | 0 | 0 | 0 | 0 | 1 | 0 |
| Sanpete | 140 | 40 | 57 | 0 | 2 | 7 | 0 | 7 | 27 |
| Sevier | 144 | 26 | 55 | 0 | 1 | 37 | 0 | 12 | 13 |
| Wayne | 17 | 0 | 9 | 0 | 1 | 0 | 0 | 4 | 3 |
| Davis | 1,147 | 243 | 487 | 0 | 1 | 192 | 1 | 84 | 139 |
| Salt Lake | 6,278 | 2,314 | 2,108 | 245 | 10 | 931 | 3 | 383 | 284 |
| Southeastern | 388 | 88 | 143 | 0 | 10 | 65 | 0 | 65 | 17 |
| Carbon | 185 | 56 | 68 | 0 | 4 | 26 | 0 | 18 | 13 |
| Emery | 58 | 0 | 24 | 0 | 0 | 17 | 0 | 13 | 4 |
| Grand | 66 | 19 | 28 | 0 | 1 | 1 | 0 | 17 | 0 |
| San Juan | 79 | 13 | 23 | 0 | 5 | 21 | 0 | 17 | 0 |
| Southwest | 1,398 | 400 | 506 | 0 | 14 | 306 | 1 | 101 | 70 |
| Beaver | 66 | 20 | 18 | 0 | 1 | 15 | 0 | 12 | 0 |
| Garfield | 35 | 10 | 10 | 0 | 1 | 7 | 0 | 7 | 0 |
| Iron | 245 | 60 | 87 | 0 | 4 | 60 | 1 | 18 | 15 |
| Kane | 52 | 6 | 25 | 0 | 4 | 4 | 0 | 11 | 2 |
| Washington | 1,000 | 304 | 366 | 0 | 4 | 220 | 0 | 53 | 53 |
| Summit | 94 | 0 | 58 | 0 | 1 | 1 | 2 | 22 | 10 |
| Tooele | 215 | 39 | 104 | 0 | 3 | 20 | 0 | 34 | 15 |
| TriCounty | 256 | 61 | 104 | 0 | 2 | 56 | 0 | 27 | 6 |
| Daggett | 5 | 0 | 3 | 0 | 0 | 0 | 0 | 2 | 0 |
| Duchesne | 95 | 28 | 29 | 0 | 1 | 16 | 0 | 17 | 4 |
| Uintah | 156 | 33 | 72 | 0 | 1 | 40 | 0 | 8 | 2 |
| Utah County | 1,909 | 666 | 756 | 0 | 14 | 181 | 0 | 104 | 188 |
| Wasatch | 86 | 14 | 39 | 0 | 1 | 15 | 0 | 13 | 4 |
| Weber-Morgan | 1,676 | 594 | 598 | 0 | 3 | 323 | 0 | 59 | 99 |
| Morgan | 23 | 0 | 16 | 0 | 0 | 0 | 0 | 3 | 4 |
| Weber | 1,653 | 594 | 582 | 0 | 3 | 323 | 0 | 56 | 95 |

## Table A37. Deaths from unnatural causes by health district, county of residence: Utah, 2009

| Health district and county | Total | Cause of death (10th rev.) | | | | |
|---|---|---|---|---|---|---|
| | | Unintentional injuries (V01-X59, Y85-Y86) | | | | |
| | | Motor vehicle accidents V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2 | Other accidents V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99, Y85, W00-X59, Y86 | Assault (homicide) *U01-*U02, X85-Y09, Y87.1 and legal intervention Y35, Y89.0 | Intentional self-harm (suicide) *U03, X60-X84, Y87.0 | Events of undetermined intent Y10-Y34, Y87.2, Y89.9 |
| Total | 1,579 | 241 | 632 | 58 | 443 | 205 |
| Bear River | 84 | 17 | 38 | 1 | 21 | 7 |
| Box Elder | 31 | 5 | 15 | 0 | 10 | 1 |
| Cache | 51 | 10 | 23 | 1 | 11 | 6 |
| Rich | 2 | 2 | 0 | 0 | 0 | 0 |
| Central Utah | 68 | 13 | 37 | 1 | 9 | 8 |
| Juab | 12 | 3 | 5 | 0 | 2 | 2 |
| Millard | 11 | 3 | 8 | 0 | 0 | 0 |
| Piute | 0 | 0 | 0 | 0 | 0 | 0 |
| Sanpete | 15 | 3 | 5 | 1 | 4 | 2 |
| Sevier | 21 | 2 | 14 | 0 | 2 | 3 |
| Wayne | 9 | 2 | 5 | 0 | 1 | 1 |
| Davis | 154 | 21 | 55 | 1 | 58 | 19 |
| Salt Lake | 638 | 72 | 264 | 31 | 181 | 90 |
| Southeastern | 56 | 13 | 21 | 3 | 11 | 8 |
| Carbon | 18 | 3 | 5 | 0 | 5 | 5 |
| Emery | 8 | 1 | 3 | 2 | 1 | 1 |
| Grand | 14 | 4 | 5 | 0 | 4 | 1 |
| San Juan | 16 | 5 | 8 | 1 | 1 | 1 |
| Southwest | 108 | 19 | 43 | 2 | 32 | 12 |
| Beaver | 7 | 2 | 2 | 0 | 2 | 1 |
| Garfield | 2 | 1 | 0 | 0 | 1 | 0 |
| Iron | 21 | 5 | 8 | 1 | 6 | 1 |
| Kane | 6 | 1 | 1 | 0 | 2 | 2 |
| Washington | 72 | 10 | 32 | 1 | 21 | 8 |
| Summit | 17 | 4 | 3 | 1 | 5 | 4 |
| Tooele | 28 | 9 | 12 | 0 | 4 | 3 |
| TriCounty | 47 | 14 | 17 | 1 | 13 | 2 |
| Daggett | 1 | 1 | 0 | 0 | 0 | 0 |
| Duchesne | 16 | 6 | 5 | 0 | 4 | 1 |
| Uintah | 30 | 7 | 12 | 1 | 9 | 1 |
| Utah County | 212 | 30 | 84 | 8 | 60 | 30 |
| Wasatch | 15 | 6 | 5 | 0 | 3 | 1 |
| Weber-Morgan | 152 | 23 | 53 | 9 | 46 | 21 |
| Morgan | 4 | 2 | 2 | 0 | 0 | 0 |
| Weber | 148 | 21 | 51 | 9 | 46 | 21 |

## Table A38. Deaths from unnatural causes by age and gender, residents: Utah, 2009

| Age and gender | Total | Cause of death (10th rev.) | | | | |
|---|---|---|---|---|---|---|
| | | Unintentional injuries (V01-X59, Y85-Y86) | | | | |
| | | Motor vehicle accidents V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2 | Other accidents V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99, Y85, W00-X59, Y86 | Assault (homicide) *U01-*U02, X85-Y09, Y87.1 and legal intervention Y35, Y89.0 | Intentional self-harm (suicide) *U03, X60-X84, Y87.0 | Events of undetermined intent Y10-Y34, Y87.2, Y89.9 |
| **Total** | 1,579 | 241 | 632 | 58 | 443 | 205 |
| **Male** | 1,055 | 170 | 386 | 42 | 346 | 111 |
| **Female** | 524 | 71 | 246 | 16 | 97 | 94 |
| **Under 15** | 61 | 16 | 36 | 5 | 3 | 1 |
| **Male** | 41 | 9 | 25 | 4 | 2 | 1 |
| **Female** | 20 | 7 | 11 | 1 | 1 | 0 |
| **15-19** | 87 | 33 | 16 | 6 | 26 | 6 |
| **Male** | 58 | 21 | 10 | 4 | 17 | 6 |
| **Female** | 29 | 12 | 6 | 2 | 9 | 0 |
| **20-24** | 126 | 26 | 33 | 7 | 40 | 20 |
| **Male** | 98 | 17 | 24 | 5 | 38 | 14 |
| **Female** | 28 | 9 | 9 | 2 | 2 | 6 |
| **25-34** | 285 | 30 | 85 | 11 | 107 | 52 |
| **Male** | 224 | 25 | 67 | 7 | 86 | 39 |
| **Female** | 61 | 5 | 18 | 4 | 21 | 13 |
| **35-44** | 260 | 28 | 82 | 8 | 91 | 51 |
| **Male** | 165 | 21 | 57 | 6 | 58 | 23 |
| **Female** | 95 | 7 | 25 | 2 | 33 | 28 |
| **45-54** | 291 | 45 | 92 | 11 | 95 | 48 |
| **Male** | 187 | 35 | 50 | 8 | 77 | 17 |
| **Female** | 104 | 10 | 42 | 3 | 18 | 31 |
| **55-64** | 162 | 25 | 64 | 6 | 49 | 18 |
| **Male** | 113 | 16 | 47 | 5 | 38 | 7 |
| **Female** | 49 | 9 | 17 | 1 | 11 | 11 |
| **65-74** | 87 | 16 | 45 | 4 | 18 | 4 |
| **Male** | 62 | 10 | 31 | 3 | 17 | 1 |
| **Female** | 25 | 6 | 14 | 1 | 1 | 3 |
| **75-84** | 101 | 16 | 73 | 0 | 11 | 1 |
| **Male** | 62 | 13 | 38 | 0 | 10 | 1 |
| **Female** | 39 | 3 | 35 | 0 | 1 | 0 |
| **85 and over** | 119 | 6 | 106 | 0 | 3 | 4 |
| **Male** | 45 | 3 | 37 | 0 | 3 | 2 |
| **Female** | 74 | 3 | 69 | 0 | 0 | 2 |

## Table A39. Deaths from unnatural causes by race/ethnicity and gender, residents: Utah, 2009

| Race/ethnicity and gender | Total | Cause of death (10th rev.) | | | | |
|---|---|---|---|---|---|---|
| | | Unintentional injuries (V01-X59, Y85-Y86) | | | | |
| | | Motor vehicle accidents V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2 | Other accidents V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99, Y85, W00-X59, Y86 | Assault (homicide) *U01-*U02, X85-Y09, Y87.1 and legal intervention Y35, Y89.0 | Intentional self-harm (suicide) *U03, X60-X84, Y87.0 | Events of undetermined intent Y10-Y34, Y87.2, Y89.9 |
| **Total** | 1,579 | 241 | 632 | 58 | 443 | 205 |
| **Male** | 1,055 | 170 | 386 | 42 | 346 | 111 |
| **Female** | 524 | 71 | 246 | 16 | 97 | 94 |
| **White** | 1,354 | 186 | 552 | 41 | 392 | 183 |
| **Male** | 889 | 135 | 326 | 28 | 305 | 95 |
| **Female** | 465 | 51 | 226 | 13 | 87 | 88 |
| **Black** | 14 | 4 | 6 | 2 | 2 | 0 |
| **Male** | 10 | 4 | 3 | 2 | 1 | 0 |
| **Female** | 4 | 0 | 3 | 0 | 1 | 0 |
| **Hispanic all races** | 144 | 35 | 51 | 10 | 33 | 15 |
| **Male** | 109 | 22 | 39 | 9 | 27 | 12 |
| **Female** | 35 | 13 | 12 | 1 | 6 | 3 |
| **Native American** | 22 | 4 | 10 | 4 | 2 | 2 |
| **Male** | 16 | 3 | 7 | 3 | 2 | 1 |
| **Female** | 6 | 1 | 3 | 1 | 0 | 1 |
| **Asian and Pacific Islander** | 25 | 8 | 7 | 1 | 8 | 1 |
| **Male** | 18 | 4 | 7 | 0 | 7 | 0 |
| **Female** | 7 | 4 | 0 | 1 | 1 | 1 |
| **Other non-white** | 1 | 1 | 0 | 0 | 0 | 0 |
| **Male** | 1 | 1 | 0 | 0 | 0 | 0 |
| **Female** | 0 | 0 | 0 | 0 | 0 | 0 |
| **Not stated** | 19 | 3 | 6 | 0 | 6 | 4 |
| **Male** | 12 | 1 | 4 | 0 | 4 | 3 |
| **Female** | 7 | 2 | 2 | 0 | 2 | 1 |

Hispanic deaths are not distributed by race.

## Table A40. Deaths from unintentional injuries by cause and month, occurrences: Utah, 2009

| Cause of death (10th rev.) | Total | Month | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Total | 971 | 90 | 65 | 87 | 85 | 97 | 88 | 91 | 91 | 70 | 76 | 59 | 72 |
| Motor vehicle<br>V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 -V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, | 290 | 20 | 17 | 28 | 26 | 29 | 26 | 27 | 34 | 24 | 24 | 17 | 18 |
| Other transport accidents<br>V01, V06, V09.1, V09.3, V09.9, V10-V11, V16-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.7-V80.9, V87.9, V88.9, V89.1,V89.3, V89.9, V98-V99,Y85 | 16 | 1 | 0 | 0 | 2 | 2 | 0 | 3 | 3 | 1 | 2 | 0 | 2 |
| Railway<br>V05, V15, V80.6, V81.2-V81.9 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Water transport<br>V90-V94 | 5 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Air and space transport<br>V95-V97 | 11 | 0 | 0 | 1 | 3 | 2 | 3 | 0 | 0 | 1 | 1 | 0 | 0 |
| Falls<br>W00-W19 | 184 | 21 | 13 | 15 | 18 | 18 | 19 | 14 | 13 | 10 | 13 | 14 | 16 |
| All other and unspecified<br>W20-W31, W35-W38, W41-W64, W92-W99, X20-X32, X39, X50-X59, Y86 | 106 | 12 | 4 | 12 | 6 | 7 | 5 | 12 | 9 | 9 | 12 | 3 | 15 |
| Discharge of firearms<br>W32-W34 | 3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Discharge of firework and explosion of other materials<br>W39-W40 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Drowning and submersion<br>W65-W74 | 29 | 1 | 1 | 4 | 5 | 2 | 3 | 5 | 7 | 0 | 0 | 1 | 0 |
| Other accidental and unspecified threats to breathing<br>W75-W77, W81-W84 | 23 | 3 | 1 | 2 | 3 | 3 | 1 | 3 | 2 | 1 | 0 | 2 | 2 |
| Inhalation and ingestion of food or other objects causing obstruction<br>W78-W80 | 28 | 3 | 1 | 4 | 2 | 0 | 4 | 2 | 1 | 2 | 2 | 4 | 3 |
| Electric current<br>W85-W87 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Smoke, fire and flames<br>X00-X09 | 11 | 3 | 2 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| Contact with heat and hot substances<br>X10-X19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nature and environment<br>X33-X38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poisoning<br>X40-X49 | 260 | 26 | 25 | 18 | 19 | 30 | 25 | 22 | 21 | 21 | 22 | 17 | 14 |

## Table A41. Deaths from unintentional injuries by cause, age and gender, occurrences: Utah, 2009

| | Total | | | Age and gender | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Under 15 | | | 15-19 | | | 20-24 | | | 25-34 | | | 35-44 | | | 45-54 | | | 55-64 | | | 65 and over | | |
| Cause of death (10th rev.) | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T | M | F |
| Total | 971 | 574 | 397 | 69 | 42 | 27 | 56 | 37 | 19 | 65 | 43 | 22 | 126 | 102 | 24 | 117 | 34 | 83 | 147 | 93 | 54 | 105 | 73 | 32 | 286 | 150 | 136 |
| Motor vehicle accidents V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2 | 290 | 188 | 102 | 28 | 15 | 13 | 36 | 24 | 12 | 33 | 20 | 13 | 34 | 29 | 5 | 31 | 8 | 23 | 49 | 38 | 11 | 34 | 23 | 11 | 45 | 31 | 14 |
| Other transport accidents V01, V06, V09.1, V09.3, V09.9, V10-V11, V16-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.7-V80.9, V87.9, V88.9, V89.1, V89.3, V89.9, V98-V99, Y85 | 16 | 12 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 6 | 3 | 3 | 1 | 1 | 0 | 6 | 5 | 1 |
| Railway V05, V15, V80.6, V81.2-V81.9 | 3 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Water transport V90-V94 | 5 | 4 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Air and space transport V95-V97 | 11 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 2 | 2 | 0 | 3 | 2 | 1 |
| Falls W00-W19 | 184 | 99 | 85 | 6 | 4 | 2 | 1 | 0 | 1 | 2 | 2 | 0 | 6 | 5 | 1 | 3 | 1 | 2 | 16 | 10 | 6 | 16 | 13 | 3 | 134 | 64 | 70 |
| All other and unspecified W20-W31, W35-W38, W41-W64, W92-W99, X20-X32, X39, X50-X59, Y86 | 106 | 52 | 54 | 5 | 4 | 1 | 2 | 2 | 0 | 1 | 1 | 0 | 5 | 5 | 0 | 11 | 2 | 9 | 9 | 5 | 4 | 9 | 4 | 5 | 64 | 29 | 35 |
| Discharge of firearms W32-W34 | 3 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Discharge of firework and explosion of other materials W39-W40 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Drowning and submersion W65-W74 | 29 | 20 | 9 | 8 | 4 | 4 | 4 | 4 | 0 | 4 | 3 | 1 | 4 | 4 | 0 | 1 | 1 | 0 | 2 | 1 | 1 | 5 | 2 | 3 | 1 | 1 | 0 |
| Other accidental and unspecified threats to breathing W75-W77, W81-W84 | 23 | 15 | 8 | 16 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 1 | 1 |
| Inhalation and ingestion of food or other objects causing obstuction W78-W80 | 28 | 14 | 14 | 3 | 2 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 1 | 0 | 1 | 3 | 3 | 0 | 17 | 8 | 9 |
| Electric current W85-W87 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Smoke, fire and flames X00-X09 | 11 | 6 | 5 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 4 | 3 | 1 | 3 | 2 | 1 |
| Contact with heat and hot substances X10-X19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nature and environment X33-X38 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Poisoning X40-X49 | 260 | 149 | 111 | 2 | 1 | 1 | 8 | 5 | 3 | 23 | 15 | 8 | 71 | 53 | 18 | 60 | 20 | 40 | 60 | 32 | 28 | 25 | 16 | 9 | 11 | 7 | 4 |

## Table A42a. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | Total | County | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beaver | Box Elder | Cache | Carbon | Daggett | Davis | Duchesne | Emery | Garfield |
| **Total** | | **694** | **2** | **6** | **19** | **17** | **0** | **45** | **1** | **1** | **0** |
| **Salmonella infections** | **A01-A02** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Shigellosis and amebiasis** | **A03,A06** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Certain other intestinal infections** | **A04,A07-A09** | **2** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Tuberculosis** | **A16-A19** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Respiratory tuberculosis | A16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other tuberculosis | A17-A19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whooping cough** | **A37** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Scarlet fever and erysipelas** | **A38, A46** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Meningococcal infection** | **A39** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Septicemia** | **A40-A41** | **6** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| **Syphilis** | **A50-A53** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Acute poliomyelitis** | **A80** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Arthropod-borne viral encephalitis** | **A83-A84, A85.2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **B05** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Viral hepatitis** | **B15-B19** | **6** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| **Human immunodeficiency virus (HIV) disease** | **B20-B24** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Malaria** | **B50-B54** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Other and unspecified infectious and parasitic diseases and their sequelae** | **A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99** | **2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Malignant neoplasms** | **C00-C97** | **129** | **1** | **0** | **2** | **5** | **0** | **12** | **0** | **0** | **0** |
| Malignant neoplasms of lip, oral cavity and pharynx | C00-C14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of esophagus | C15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of stomach | C16 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasms of colon, rectum and anus | C18-C21 | 19 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Malignant neoplasms of liver and intrahepatic bile ducts | C22 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of pancreas | C25 | 13 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of larynx | C32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasms of trachea, bronchus and lung | C33-C34 | 17 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Malignant melanoma of skin | C43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of breast | C50 | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Malignant neoplasm of cervix uteri | C53 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Malignant neoplasm of corpus uteri and uterus, part unspecified | C54-C55 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of ovary | C56 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

## Table A42b. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Grand | Iron | Juab | Kane | Millard | Morgan | Piute | Rich | Salt Lake | San Juan |
| **Total** | | **3** | **6** | **2** | **1** | **3** | **0** | **1** | **0** | **351** | **1** |
| **Salmonella infections** | **A01-A02** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Shigellosis and amebiasis** | **A03,A06** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Certain other intestinal infections** | **A04,A07-A09** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Tuberculosis** | **A16-A19** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Respiratory tuberculosis | A16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other tuberculosis | A17-A19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whooping cough** | **A37** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Scarlet fever and erysipelas** | **A38, A46** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Meningococcal infection** | **A39** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Septicemia** | **A40-A41** | **0** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **4** | **0** |
| **Syphilis** | **A50-A53** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Acute poliomyelitis** | **A80** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Arthropod-borne viral encephalitis** | **A83-A84, A85.2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **B05** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Viral hepatitis** | **B15-B19** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **4** | **0** |
| **Human immunodeficiency virus (HIV) disease** | **B20-B24** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Malaria** | **B50-B54** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Other and unspecified infectious and parasitic diseases and their sequelae** | **A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Malignant neoplasms** | **C00-C97** | **0** | **1** | **0** | **0** | **0** | **0** | **1** | **0** | **69** | **0** |
| Malignant neoplasms of lip, oral cavity and pharynx | C00-C14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Malignant neoplasm of esophagus | C15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Malignant neoplasm of stomach | C16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| Malignant neoplasms of colon, rectum and | C18-C21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| Malignant neoplasms of liver and intrahepatic bile ducts | C22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| Malignant neoplasm of pancreas | C25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| Malignant neoplasm of larynx | C32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasms of trachea, bronchus and lung | C33-C34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| Malignant melanoma of skin | C43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of breast | C50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| Malignant neoplasm of cervix uteri | C53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of corpus uteri and uterus, part unspecified | C54-C55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Malignant neoplasm of ovary | C56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Table A42c. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sanpete | Sevier | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| **Total** | | **4** | **4** | **8** | **17** | **4** | **74** | **2** | **24** | **1** | **97** |
| **Salmonella infections** | **A01-A02** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Shigellosis and amebiasis** | **A03,A06** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Certain other intestinal infections** | **A04,A07-A09** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Tuberculosis** | **A16-A19** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Respiratory tuberculosis | A16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other tuberculosis | A17-A19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whooping cough** | **A37** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Scarlet fever and erysipelas** | **A38, A46** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Meningococcal infection** | **A39** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Septicemia** | **A40-A41** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Syphilis** | **A50-A53** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Acute poliomyelitis** | **A80** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Arthropod-borne viral encephalitis** | **A83-A84, A85.2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **B05** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Viral hepatitis** | **B15-B19** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** |
| **Human immunodeficiency virus (HIV) disease** | **B20-B24** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Malaria** | **B50-B54** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Other and unspecified infectious and parasitic diseases and their sequelae** | **A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** | **1** |
| **Malignant neoplasms** | **C00-C97** | **0** | **1** | **4** | **1** | **0** | **12** | **0** | **2** | **1** | **17** |
| Malignant neoplasms of lip, oral cavity and pharynx | C00-C14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of esophagus | C15 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of stomach | C16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasms of colon, rectum and anus | C18-C21 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 |
| Malignant neoplasms of liver and intrahepatic bile ducts | C22 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Malignant neoplasm of pancreas | C25 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| Malignant neoplasm of larynx | C32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasms of trachea, bronchus and lung | C33-C34 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Malignant melanoma of skin | C43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of breast | C50 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 |
| Malignant neoplasm of cervix uteri | C53 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of corpus uteri and uterus, part unspecified | C54-C55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Malignant neoplasm of ovary | C56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

## Table A42a continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | Total | County | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beaver | Box Elder | Cache | Carbon | Daggett | Davis | Duchesne | Emery | Garfield |
| Malignant neoplasm of prostate | C61 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasms of kidney and renal pelvis | C64-C65 | 8 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 |
| Malignant neoplasm of bladder | C67 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasms of meninges, brain and other parts of central nervous system | C70-C72 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Malignant neoplasms of lymphoid, | C81-C96 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hodgkin's disease | C81 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-Hodgkin's lymphoma | C82-C85 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Leukemia | C91-C95 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Multiple myeloma and immunoproliferative neoplasms | C88, C90 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other and unspecified malignant neoplasms | C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97 | 20 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 |
| **In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior** | **D00-D48** | **2** | **0** | **0** | **0** | **0** | **0** | **2** | **0** | **0** | **0** |
| **Anemias** | **D50-D64** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Diabetes mellitus** | **E10-E14** | **34** | **0** | **0** | **1** | **0** | **0** | **4** | **1** | **0** | **0** |
| **Nutritional deficiencies** | **E40-E64** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Malnutrition | E40-E46 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other nutritional deficiencies | E50-E64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Meningitis** | **G00, G03** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Parkinson's disease** | **G20-G21** | **3** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Alzheimer's disease** | **G30** | **3** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| **Major cardiovascular diseases** | **I00-I78** | **130** | **0** | **3** | **2** | **1** | **0** | **5** | **0** | **0** | **0** |
| Diseases of heart | I00-I09,I11,I13,I20-I51 | 85 | 0 | 3 | 1 | 1 | 0 | 4 | 0 | 0 | 0 |
| Acute rheumatic fever and chronic rheumatic heart diseases | I00-I09 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hypertensive heart disease | I11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hypertensive heart and renal disease | I13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ischemic heart diseases | I20-I25 | 49 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Acute myocardial infarction | I21-I22 | 17 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Other acute ischemic heart diseases | I24 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other forms of chronic ischemic heart disease | I20, I25 | 31 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Atherosclerotic cardiovascular disease, so described | I25.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other forms of chronic ischemic heart disease | I20, I25.1-I25.9 | 30 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Other heart diseases | I26-I51 | 33 | 0 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| Acute and subacute endocarditis | I33 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Diseases of the pericardium and acute myocarditis | I30-I31, I40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heart failure | I50 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other forms of heart disease | I26-I28, I34-I38, I42-I49, I51 | 22 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

## Table A42b continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Grand | Iron | Juab | Kane | Millard | Morgan | Piute | Rich | Salt Lake | San Juan |
| Malignant neoplasm of prostate | C61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Malignant neoplasms of kidney and renal pelvis | C64-C65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Malignant neoplasm of bladder | C67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Malignant neoplasms of meninges, brain and other parts of central nervous system | C70-C72 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 |
| Malignant neoplasms of lymphoid, | C81-C96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Hodgkin's disease | C81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-Hodgkin's lymphoma | C82-C85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Leukemia | C91-C95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Multiple myeloma and immunoproliferative neoplasms | C88, C90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other and unspecified malignant neoplasms | C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 |
| **In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior** | **D00-D48** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Anemias** | **D50-D64** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Diabetes mellitus** | **E10-E14** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **14** | **0** |
| **Nutritional deficiencies** | **E40-E64** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| Malnutrition | E40-E46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Other nutritional deficiencies | E50-E64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Meningitis** | **G00, G03** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Parkinson's disease** | **G20-G21** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Alzheimer's disease** | **G30** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Major cardiovascular diseases** | **I00-I78** | **0** | **1** | **0** | **0** | **1** | **0** | **0** | **0** | **70** | **1** |
| Diseases of heart | I00-I09,I11,I13,I20-I51 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 1 |
| Acute rheumatic fever and chronic rheumatic heart diseases | I00-I09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Hypertensive heart disease | I11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Hypertensive heart and renal disease | I13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ischemic heart diseases | I20-I25 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 1 |
| Acute myocardial infarction | I21-I22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 1 |
| Other acute ischemic heart diseases | I24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Other forms of chronic ischemic heart disease | I20, I25 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| Atherosclerotic cardiovascular disease, so described | I25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| All other forms of chronic ischemic heart disease | I20, I25.1-I25.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| Other heart diseases | I26-I51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| Acute and subacute endocarditis | I33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diseases of the pericardium and acute myocarditis | I30-I31, I40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heart failure | I50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| All other forms of heart disease | I26-I28, I34-I38, I42-I49, I51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |

## Table A42c continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sanpete | Sevier | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| Malignant neoplasm of prostate | C61 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| Malignant neoplasms of kidney and renal pelvis | C64-C65 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Malignant neoplasm of bladder | C67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Malignant neoplasms of meninges, brain and other parts of central nervous system | C70-C72 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasms of lymphoid, | C81-C96 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 4 |
| Hodgkin's disease | C81 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Non-Hodgkin's lymphoma | C82-C85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Leukemia | C91-C95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| Multiple myeloma and immunoproliferative neoplasms | C88, C90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other and unspecified malignant neoplasms | C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 |
| **In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior** | **D00-D48** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Anemias** | **D50-D64** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Diabetes mellitus** | **E10-E14** | **0** | **1** | **0** | **1** | **0** | **2** | **0** | **1** | **0** | **9** |
| **Nutritional deficiencies** | **E40-E64** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Malnutrition | E40-E46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other nutritional deficiencies | E50-E64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Meningitis** | **G00, G03** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Parkinson's disease** | **G20-G21** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** |
| **Alzheimer's disease** | **G30** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** |
| **Major cardiovascular diseases** | **I00-I78** | **1** | **1** | **2** | **3** | **1** | **14** | **0** | **6** | **0** | **18** |
| Diseases of heart | I00-I09,I11,I13,I20-I51 | 0 | 0 | 1 | 3 | 1 | 5 | 0 | 4 | 0 | 13 |
| Acute rheumatic fever and chronic rheumatic heart diseases | I00-I09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hypertensive heart disease | I11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Hypertensive heart and renal disease | I13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ischemic heart diseases | I20-I25 | 0 | 0 | 1 | 3 | 0 | 3 | 0 | 2 | 0 | 11 |
| Acute myocardial infarction | I21-I22 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 4 |
| Other acute ischemic heart diseases | I24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other forms of chronic ischemic heart disease | I20, I25 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 7 |
| Atherosclerotic cardiovascular disease, so described | I25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other forms of chronic ischemic heart disease | I20, I25.1-I25.9 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 7 |
| Other heart diseases | I26-I51 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 2 |
| Acute and subacute endocarditis | I33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diseases of the pericardium and acute myocarditis | I30-I31, I40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heart failure | I50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other forms of heart disease | I26-I28, I34-I38, I42-I49, I51 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 2 |

## Table A42a continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | Total | County | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beaver | Box Elder | Cache | Carbon | Daggett | Davis | Duchesne | Emery | Garfield |
| Essential (primary) hypertension and hypertensive renal disease | I10, I12 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cerebrovascular diseases | I60-I69 | 39 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Atherosclerosis | I70 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other diseases of the circulatory system | I71-I78 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aortic aneurysm and dissection | I71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other diseases of arteries, arterioles, and capillaries | I72-I78 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Other disorders of circulatory system** | **I80-I99** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Influenza and pneumonia** | **J09-J18** | **21** | **0** | **0** | **0** | **1** | **0** | **3** | **0** | **0** | **0** |
| Influenza | J09-J11 | 6 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Pneumonia | J12-J18 | 15 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| **Other acute lower respiratory infections** | **J20-J22** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Acute bronchitis and bronchiolitis | J20-J21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unspecified acute lower respiratory infection | J22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Chronic lower respiratory diseases** | **J40-J47** | **13** | **0** | **0** | **0** | **1** | **0** | **1** | **0** | **0** | **0** |
| Bronchitis, chronic and unspecified | J40-J42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Emphysema | J43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asthma | J45-J46 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other chronic lower respiratory diseases | J44, J47 | 12 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| **Pneumoconioses and chemical effects** | **J60-J66, J68** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Pneumonitis due to solids and liquids** | **J69** | **3** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Other diseases of respiratory system** | **J00-J06,J30-J39, J67, J70-J98** | **9** | **0** | **1** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Peptic ulcer** | **K25-K28** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Diseases of appendix** | **K35-K38** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Hernia** | **K40-K46** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Chronic liver disease and cirrhosis** | **K70, K73-K74** | **12** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| Alcoholic liver disease | K70 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other chronic liver disease and cirrhosis | K73-K74 | 7 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **Cholelithiasis and other disorders of gallbladder** | **K80-K82** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Nephritis, nephrotic syndrome and nephrosis** | **N00-N07,N17-N19, N25-N27** | **13** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Acute and rapidly progressive nephritic and nephrotic syndrome | N00-N01,N04 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified | N02-N03, N05-N07,N26 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renal failure | N17-N19 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other disorders of kidney | N25, N27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Infections of kidney** | **N10-N12, N13.6, N15.1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Hyperplasia of prostate** | **N40** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Inflammatory diseases of female pelvic organs** | **N70-N76** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

## Table A42b continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Grand | Iron | Juab | Kane | Millard | Morgan | Piute | Rich | Salt Lake | San Juan |
| Essential (primary) hypertension and hypertensive renal disease | I10, I12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| Cerebrovascular diseases | I60-I69 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 19 | 0 |
| Atherosclerosis | I70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other diseases of the circulatory system | I71-I78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aortic aneurysm and dissection | I71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other diseases of arteries, arterioles, and capillaries | I72-I78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Other disorders of circulatory system** | **I80-I99** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Influenza and pneumonia** | **J09-J18** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **9** | **0** |
| Influenza | J09-J11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Pneumonia | J12-J18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| **Other acute lower respiratory infections** | **J20-J22** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Acute bronchitis and bronchiolitis | J20-J21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unspecified acute lower respiratory infection | J22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Chronic lower respiratory diseases** | **J40-J47** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **7** | **0** |
| Bronchitis, chronic and unspecified | J40-J42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Emphysema | J43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asthma | J45-J46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Other chronic lower respiratory diseases | J44, J47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| **Pneumoconioses and chemical effects** | **J60-J66, J68** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Pneumonitis due to solids and liquids** | **J69** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Other diseases of respiratory system** | **J00-J06,J30-J39, J67, J70-J98** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **4** | **0** |
| **Peptic ulcer** | **K25-K28** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Diseases of appendix** | **K35-K38** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Hernia** | **K40-K46** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Chronic liver disease and cirrhosis** | **K70, K73-K74** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **6** | **0** |
| Alcoholic liver disease | K70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Other chronic liver disease and cirrhosis | K73-K74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| **Cholelithiasis and other disorders of gallbladder** | **K80-K82** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Nephritis, nephrotic syndrome and nephrosis** | **N00-N07,N17-N19, N25-N27** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **9** | **0** |
| Acute and rapidly progressive nephritic and nephrotic syndrome | N00-N01,N04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified | N02-N03, N05-N07,N26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renal failure | N17-N19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Other disorders of kidney | N25, N27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Infections of kidney** | **N10-N12, N13.6, N15.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Hyperplasia of prostate** | **N40** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Inflammatory diseases of female pelvic organs** | **N70-N76** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

## Table A42c continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sanpete | Sevier | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| Essential (primary) hypertension and hypertensive renal disease | I10, I12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cerebrovascular diseases | I60-I69 | 1 | 1 | 1 | 0 | 0 | 8 | 0 | 2 | 0 | 4 |
| Atherosclerosis | I70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Other diseases of the circulatory system | I71-I78 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Aortic aneurysm and dissection | I71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other diseases of arteries, arterioles, and capillaries | I72-I78 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **Other disorders of circulatory system** | **I80-I99** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Influenza and pneumonia** | **J09-J18** | **0** | **0** | **0** | **2** | **0** | **2** | **0** | **1** | **0** | **3** |
| Influenza | J09-J11 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| Pneumonia | J12-J18 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 1 |
| **Other acute lower respiratory infections** | **J20-J22** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Acute bronchitis and bronchiolitis | J20-J21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unspecified acute lower respiratory infection | J22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Chronic lower respiratory diseases** | **J40-J47** | **0** | **0** | **0** | **1** | **1** | **0** | **0** | **0** | **0** | **2** |
| Bronchitis, chronic and unspecified | J40-J42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Emphysema | J43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asthma | J45-J46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other chronic lower respiratory diseases | J44, J47 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| **Pneumoconioses and chemical effects** | **J60-J66, J68** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Pneumonitis due to solids and liquids** | **J69** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **2** |
| **Other diseases of respiratory system** | **J00-J06,J30-J39, J67, J70-J98** | **0** | **0** | **1** | **0** | **0** | **1** | **0** | **0** | **0** | **1** |
| **Peptic ulcer** | **K25-K28** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Diseases of appendix** | **K35-K38** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Hernia** | **K40-K46** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Chronic liver disease and cirrhosis** | **K70, K73-K74** | **0** | **0** | **0** | **2** | **0** | **1** | **0** | **1** | **0** | **1** |
| Alcoholic liver disease | K70 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| Other chronic liver disease and cirrhosis | K73-K74 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| **Cholelithiasis and other disorders of gallbladder** | **K80-K82** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** |
| **Nephritis, nephrotic syndrome and nephrosis** | **N00-N07,N17-N19, N25-N27** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **3** |
| Acute and rapidly progressive nephritic and nephrotic syndrome | N00-N01,N04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified | N02-N03, N05-N07,N26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Renal failure | N17-N19 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| Other disorders of kidney | N25, N27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Infections of kidney** | **N10-N12, N13.6, N15.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Hyperplasia of prostate** | **N40** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Inflammatory diseases of female pelvic organs** | **N70-N76** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

## Table A42a continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | Total | County | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beaver | Box Elder | Cache | Carbon | Daggett | Davis | Duchesne | Emery | Garfield |
| **Pregnancy, childbirth and puerperium** | **O00-O99** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Pregnancy with abortive outcome | O00-O07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other complications of pregnancy, childbirth and the puerperium | O10-O99 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Certain conditions originating in the perinatal period** | **P00-P96** | **27** | **0** | **0** | **3** | **0** | **0** | **3** | **0** | **0** | **0** |
| **Congenital malformations, deformations and chromosomal abnormalities** | **Q00-Q99** | **15** | **0** | **0** | **0** | **0** | **0** | **2** | **0** | **0** | **0** |
| **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified** | **R00-R99** | **29** | **0** | **1** | **1** | **0** | **0** | **3** | **0** | **0** | **0** |
| **All other diseases (Residual)** | **D65-E07,E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98** | **83** | **1** | **0** | **0** | **5** | **0** | **1** | **0** | **0** | **0** |
| **Unintentional injuries** | **V01-X59, Y85-Y86** | **86** | **0** | **0** | **4** | **0** | **0** | **3** | **0** | **1** | **0** |
| **Transport accidents** | **V01-V99, Y85** | **38** | **0** | **0** | **1** | **0** | **0** | **1** | **0** | **1** | **0** |
| Motor vehicle accidents | V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 - V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2 | 35 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| Other land transport accidents | V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Water, air and space, and other and unspecified transport accidents and their sequelae | V90-V99, Y85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Nontransport accidents** | **W00-X59, Y86** | **48** | **0** | **0** | **3** | **0** | **0** | **2** | **0** | **0** | **0** |
| Falls | W00-W19 | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Accidental discharge of firearms | W32-W34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accidental drowning and submersion | W65-W74 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accidental exposure to smoke, fire, and flames | X00-X09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accidental poisoning and exposure to noxious substances | X40-X49 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other and unspecified nontransport accidents and their sequelae | W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86 | 15 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 |

Table A42b continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Grand | Iron | Juab | Kane | Millard | Morgan | Piute | Rich | Salt Lake | San Juan |
| **Pregnancy, childbirth and puerperium** | **O00-O99** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| Pregnancy with abortive outcome | O00-O07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other complications of pregnancy, childbirth and the puerperium | O10-O99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| **Certain conditions originating in the perinatal period** | **P00-P96** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **7** | **0** |
| **Congenital malformations, deformations and chromosomal abnormalities** | **Q00-Q99** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** | **5** | **0** |
| **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified** | **R00-R99** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **16** | **0** |
| **All other diseases (Residual)** | **D65-E07,E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98** | **0** | **1** | **0** | **0** | **1** | **0** | **0** | **0** | **44** | **0** |
| **Unintentional injuries** | **V01-X59, Y85-Y86** | **2** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **43** | **0** |
| **Transport accidents** | **V01-V99, Y85** | **1** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **17** | **0** |
| Motor vehicle accidents | V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 - V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 14 | 0 |
| Other land transport accidents | V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Water, air and space, and other and unspecified transport accidents and their sequelae | V90-V99, Y85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Nontransport accidents** | **W00-X59, Y86** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **26** | **0** |
| Falls | W00-W19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Accidental discharge of firearms | W32-W34 | | | | | | | | | | |
| Accidental drowning and submersion | W65-W74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Accidental exposure to smoke, fire, and flames | X00-X09 | | | | | | | | | | |
| Accidental poisoning and exposure to noxious substances | X40-X49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| Other and unspecified nontransport accidents and their sequelae | W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |

## Table A42c continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sanpete | Sevier | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| **Pregnancy, childbirth and puerperium** | **O00-O99** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Pregnancy with abortive outcome | O00-O07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other complications of pregnancy, childbirth and the puerperium | O10-O99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Certain conditions originating in the perinatal period** | **P00-P96** | **0** | **0** | **0** | **0** | **0** | **7** | **0** | **3** | **0** | **4** |
| **Congenital malformations, deformations and chromosomal abnormalities** | **Q00-Q99** | **0** | **0** | **1** | **0** | **0** | **3** | **0** | **1** | **0** | **2** |
| **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified** | **R00-R99** | **0** | **0** | **0** | **1** | **0** | **2** | **0** | **1** | **0** | **4** |
| **All other diseases (Residual)** | **D65-E07,E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98** | **0** | **1** | **0** | **2** | **1** | **9** | **0** | **4** | **0** | **13** |
| **Unintentional injuries** | **V01-X59, Y85-Y86** | **2** | **0** | **0** | **3** | **0** | **14** | **1** | **2** | **0** | **8** |
| **Transport accidents** | **V01-V99, Y85** | **0** | **0** | **0** | **0** | **0** | **10** | **1** | **1** | **0** | **2** |
| Motor vehicle accidents | V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 - V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 1 | 0 | 2 |
| Other land transport accidents | V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Water, air and space, and other and unspecified transport accidents and their sequelae | V90-V99, Y85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Nontransport accidents** | **W00-X59, Y86** | **2** | **0** | **0** | **3** | **0** | **4** | **0** | **1** | **0** | **6** |
| Falls | W00-W19 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accidental discharge of firearms | W32-W34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accidental drowning and submersion | W65-W74 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Accidental exposure to smoke, fire, and flames | X00-X09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accidental poisoning and exposure to noxious substances | X40-X49 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 4 |
| Other and unspecified nontransport accidents and their sequelae | W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 1 |

Table A42a continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | Total | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beaver | Box Elder | Cache | Carbon | Daggett | Davis | Duchesne | Emery | Garfield |
| **Intentional self-harm (suicide)** | ***U03, X60-X84, Y87.0** | **33** | **0** | **1** | **4** | **1** | **0** | **1** | **0** | **0** | **0** |
| Intentional self-harm (suicide) by discharge of firearms | X72-X74 | 14 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Intentional self-harm (suicide) by other and unspecified means and their sequelae | *U03, X60-X71, X75-X84, Y87.0 | 19 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| **Assault (homicide)** | ***U01-*U02, X85-Y09, Y87.1** | **10** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| Assault (homicide) by discharge of firearms | *U01.4, X93-X95 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Assault (homicide) by other and unspecified means and their sequelae | *U01.0-*U01.3, *U01.5-*U01.9, *U02, X85-X92, X96-Y09, Y87.1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Legal intervention** | **Y35, Y89.0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Events of undetermined intent** | **Y10-Y34, Y87.2, Y89.9** | **15** | **0** | **0** | **0** | **0** | **0** | **2** | **0** | **0** | **0** |
| Discharge of firearms, undetermined intent | Y22-Y24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other and unspecified events of undetermined intent and their sequelae | Y10-Y21, Y25-Y34, Y87.2, Y89.9 | 15 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| **Operations of war and their sequelae** | **Y36, Y89.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Complications of medical and surgical care** | **Y40-Y84, Y88** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

Table A42b continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Grand | Iron | Juab | Kane | Millard | Morgan | Piute | Rich | Salt Lake | San Juan |
| **Intentional self-harm (suicide)** | ***U03, X60-X84, Y87.0** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** | **17** | **0** |
| Intentional self-harm (suicide) by discharge of firearms | X72-X74 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 0 |
| Intentional self-harm (suicide) by other and unspecified means and their sequelae | *U03, X60-X71, X75-X84, Y87.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| **Assault (homicide)** | ***U01-*U02, X85-Y09, Y87.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **6** | **0** |
| Assault (homicide) by discharge of firearms | *U01.4, X93-X95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| Assault (homicide) by other and unspecified means and their sequelae | *U01.0-*U01.3, *U01.5-*U01.9, *U02, X85-X92, X96-Y09, Y87.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Legal intervention** | **Y35, Y89.0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Events of undetermined intent** | **Y10-Y34, Y87.2, Y89.9** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **7** | **0** |
| Discharge of firearms, undetermined intent | Y22-Y24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other and unspecified events of undetermined intent and their sequelae | Y10-Y21, Y25-Y34, Y87.2, Y89.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| **Operations of war and their sequelae** | **Y36, Y89.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Complications of medical and surgical care** | **Y40-Y84, Y88** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

Table A42c continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | County | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sanpete | Sevier | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| **Intentional self-harm (suicide)** | ***U03, X60-X84, Y87.0** | **0** | **0** | **0** | **0** | **1** | **2** | **0** | **0** | **0** | **3** |
| Intentional self-harm (suicide) by discharge of firearms | X72-X74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Intentional self-harm (suicide) by other and unspecified means and their sequelae | *U03, X60-X71, X75-X84, Y87.0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 1 |
| **Assault (homicide)** | ***U01-*U02, X85-Y09, Y87.1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **2** |
| Assault (homicide) by discharge of firearms | *U01.4, X93-X95 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Assault (homicide) by other and unspecified means and their sequelae | *U01.0-*U01.3, *U01.5-*U01.9, *U02, X85-X92, X96-Y09, Y87.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| **Legal intervention** | **Y35, Y89.0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Events of undetermined intent** | **Y10-Y34, Y87.2, Y89.9** | **0** | **0** | **0** | **0** | **0** | **2** | **0** | **1** | **0** | **3** |
| Discharge of firearms, undetermined intent | Y22-Y24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other and unspecified events of undetermined intent and their sequelae | Y10-Y21, Y25-Y34, Y87.2, Y89.9 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 3 |
| **Operations of war and their sequelae** | **Y36, Y89.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Complications of medical and surgical care** | **Y40-Y84, Y88** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

## Table A43. Deaths to decedents of Hispanic origin by selected causes and age, residents: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | All ages | Age: Under 1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total** | | **694** | **49** | **8** | **14** | **49** | **47** | **57** | **82** | **84** | **95** | **209** |
| **Salmonella infections** | **A01-A02** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Shigellosis and amebiasis** | **A03, A06** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Certain other intestinal infections** | **A04, A07-A09** | **2** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Tuberculosis** | **A16-A19** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Respiratory tuberculosis | A16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other tuberculosis | A17-A19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whooping cough** | **A37** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Scarlet fever and erysipelas** | **A38, A46** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Meningococcal infection** | **A39** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Septicemia** | **A40-A41** | **6** | **0** | **0** | **0** | **0** | **0** | **0** | **2** | **1** | **0** | **3** |
| **Syphilis** | **A50-A53** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Acute poliomyelitis** | **A80** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Arthropod-borne viral encephalitis** | **A83-A84, A85.2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Measles** | **B05** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Viral hepatitis** | **B15-B19** | **6** | **0** | **0** | **0** | **0** | **0** | **0** | **2** | **2** | **1** | **1** |
| **Human immunodeficiency virus (HIV) disease** | **B20-B24** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Malaria** | **B50-B54** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Other and unspecified infectious and parasitic diseases and their sequelae** | **A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99** | **2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **1** | **0** |
| **Malignant neoplasms** | **C00-C97** | **129** | **0** | **0** | **1** | **2** | **3** | **9** | **20** | **28** | **20** | **46** |
| Malignant neoplasms of lip, oral cavity and pharynx | C00-C14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Malignant neoplasm of esophagus | C15 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| Malignant neoplasm of stomach | C16 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Malignant neoplasms of colon, rectum and anus | C18-C21 | 19 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 5 | 2 | 5 |
| Malignant neoplasms of liver and intrahepatic bile ducts | C22 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 2 |
| Malignant neoplasm of pancreas | C25 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 |
| Malignant neoplasm of larynx | C32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasms of trachea, bronchus and lung | C33-C34 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 4 | 7 |
| Malignant melanoma of skin | C43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignant neoplasm of breast | C50 | 10 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 2 | 0 | 2 |
| Malignant neoplasm of cervix uteri | C53 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Malignant neoplasm of corpus uteri and uterus, part unspecified | C54-C55 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| Malignant neoplasm of ovary | C56 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |

## Table A43 continued. Deaths to decedents of Hispanic origin by selected causes and age, residents: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | All ages | Age: Under 1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Malignant neoplasm of prostate | C61 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Malignant neoplasms of kidney and renal pelvis | C64-C65 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 4 |
| Malignant neoplasm of bladder | C67 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Malignant neoplasms of meninges, brain and other parts of central nervous system | C70-C72 | 6 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 2 |
| Malignant neoplasms of lymphoid, hematopoietic and related tissue | C81-C96 | 9 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 3 | 3 |
| Hodgkin's disease | C81 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Non-Hodgkin's lymphoma | C82-C85 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Leukemia | C91-C95 | 5 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 |
| Multiple myeloma and immunoproliferative neoplasms | C88, C90 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All other and unspecified malignant neoplasms | C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97 | 20 | 0 | 0 | 1 | 0 | 1 | 2 | 2 | 5 | 3 | 6 |
| **In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior** | **D00-D48** | **2** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **1** |
| **Anemias** | **D50-D64** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Diabetes mellitus** | **E10-E14** | **34** | **0** | **0** | **0** | **0** | **1** | **2** | **3** | **7** | **14** | **7** |
| **Nutritional deficiencies** | **E40-E64** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** |
| Malnutrition | E40-E46 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Other nutritional deficiencies | E50-E64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Meningitis** | **G00, G03** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Parkinson's disease** | **G20-G21** | **3** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **2** | **1** |
| **Alzheimer's disease** | **G30** | **3** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **3** |
| **Major cardiovascular diseases** | **I00-I78** | **130** | **2** | **0** | **0** | **0** | **3** | **8** | **17** | **14** | **20** | **66** |
| Diseases of heart | I00-I09,I11,I13,I20-I51 | 85 | 1 | 0 | 0 | 0 | 1 | 5 | 16 | 10 | 13 | 39 |
| Acute rheumatic fever and chronic rheumatic heart diseases | I00-I09 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Hypertensive heart disease | I11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Hypertensive heart and renal disease | I13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ischemic heart diseases | I20-I25 | 49 | 0 | 0 | 0 | 0 | 0 | 2 | 6 | 9 | 8 | 24 |
| Acute myocardial infarction | I21-I22 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 1 | 9 |
| Other acute ischemic heart diseases | I24 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Other forms of chronic ischemic heart disease | I20, I25 | 31 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 5 | 6 | 15 |
| Atherosclerotic cardiovascular disease, so described | I25.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| All other forms of chronic ischemic heart disease | I20, I25.1-I25.9 | 30 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 5 | 6 | 15 |
| Other heart diseases | I26-I51 | 33 | 1 | 0 | 0 | 0 | 1 | 3 | 8 | 1 | 5 | 14 |
| Acute and subacute endocarditis | I33 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Diseases of the pericardium and acute myocarditis | I30-I31, I40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heart failure | I50 | 10 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 5 |
| All other forms of heart disease | I26-I28, I34-I38, I42-I49, I51 | 22 | 0 | 0 | 0 | 0 | 1 | 1 | 7 | 1 | 3 | 9 |

## Table A43 continued. Deaths to decedents of Hispanic origin by selected causes and age, residents: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | All ages | Age: Under 1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Essential (primary) hypertension and hypertensive renal disease | I10, I12 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Cerebrovascular diseases | I60-I69 | 39 | 1 | 0 | 0 | 0 | 2 | 3 | 0 | 3 | 6 | 24 |
| Atherosclerosis | I70 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Other diseases of the circulatory system | I71-I78 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Aortic aneurysm and dissection | I71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other diseases of arteries, arterioles, and capillaries | I72-I78 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **Other disorders of circulatory system** | **I80-I99** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** |
| **Influenza and pneumonia** | **J09-J18** | **21** | **0** | **0** | **1** | **3** | **3** | **2** | **2** | **3** | **1** | **6** |
| Influenza | J09-J11 | 6 | 0 | 0 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 0 |
| Pneumonia | J12-J18 | 15 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 3 | 1 | 6 |
| **Other acute lower respiratory infections** | **J20-J22** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| Acute bronchitis and bronchiolitis | J20-J21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unspecified acute lower respiratory infection | J22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Chronic lower respiratory diseases** | **J40-J47** | **13** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **1** | **6** | **5** |
| Bronchitis, chronic and unspecified | J40-J42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Emphysema | J43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asthma | J45-J46 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Other chronic lower respiratory diseases | J44, J47 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 5 |
| **Pneumoconioses and chemical effects** | **J60-J66, J68** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Pneumonitis due to solids and liquids** | **J69** | **3** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **2** |
| **Other diseases of respiratory system** | **J00-J06,J30-J39, J67, J70-J98** | **9** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **1** | **2** | **5** |
| **Peptic ulcer** | **K25-K28** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Diseases of appendix** | **K35-K38** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Hernia** | **K40-K46** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| **Chronic liver disease and cirrhosis** | **K70, K73-K74** | **12** | **0** | **0** | **0** | **0** | **0** | **3** | **5** | **1** | **2** | **1** |
| Alcoholic liver disease | K70 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 |
| Other chronic liver disease and cirrhosis | K73-K74 | 7 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 2 | 0 |
| **Cholelithiasis and other disorders of gallbladder** | **K80-K82** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** |
| **Nephritis, nephrotic syndrome and nephrosis** | **N00-N07,N17-N19, N25-N27** | **13** | **0** | **0** | **0** | **0** | **0** | **0** | **4** | **1** | **3** | **5** |
| Acute and rapidly progressive nephritic and nephrotic syndrome | N00-N01,N04 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified | N02-N03, N05-N07,N26 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Renal failure | N17-N19 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 2 | 4 |
| Other disorders of kidney | N25, N27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Infections of kidney** | **N10-N12, N13.6, N15.1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** |
| **Hyperplasia of prostate** | **N40** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Inflammatory diseases of female pelvic organs** | **N70-N76** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

## Table A43 continued. Deaths to decedents of Hispanic origin by selected causes and age, residents: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | All ages | Age: Under 1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pregnancy, childbirth and puerperium** | **O00-O99** | **1** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| Pregnancy with abortive outcome | O00-O07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other complications of pregnancy, childbirth and the puerperium | O10-O99 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **Certain conditions originating in the perinatal period** | **P00-P96** | **27** | **27** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Congenital malformations, deformations and chromosomal abnormalities** | **Q00-Q99** | **15** | **11** | **3** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified** | **R00-R99** | **29** | **3** | **1** | **1** | **1** | **0** | **2** | **1** | **2** | **5** | **13** |
| **All other diseases (Residual)** | **D65-E07,E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98** | **83** | **1** | **1** | **2** | **1** | **5** | **6** | **9** | **12** | **11** | **35** |
| **Unintentional injuries** | **V01-X59, Y85-Y86** | **86** | **3** | **3** | **7** | **22** | **13** | **12** | **8** | **7** | **4** | **7** |
| **Transport accidents** | **V01-V99, Y85** | **38** | **0** | **1** | **5** | **13** | **8** | **5** | **3** | **2** | **0** | **1** |
| Motor vehicle accidents | V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 - V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2 | 35 | 0 | 1 | 5 | 13 | 8 | 5 | 1 | 1 | 0 | 1 |
| Other land transport accidents | V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 |
| Water, air and space, and other and unspecified transport accidents and their sequelae | V90-V99, Y85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Nontransport accidents** | **W00-X59, Y86** | **48** | **3** | **2** | **2** | **9** | **5** | **7** | **5** | **5** | **4** | **6** |
| Falls | W00-W19 | 10 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 3 |
| Accidental discharge of firearms | W32-W34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accidental drowning and submersion | W65-W74 | 5 | 0 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Accidental exposure to smoke, fire, and flames | X00-X09 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accidental poisoning and exposure to noxious substances | X40-X49 | 18 | 0 | 0 | 0 | 6 | 3 | 3 | 2 | 2 | 1 | 1 |
| Other and unspecified nontransport accidents and their sequelae | W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86 | 15 | 3 | 0 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 |

## Table A43 continued. Deaths to decedents of Hispanic origin by selected causes and age, residents: Utah, 2009

| Cause of death (10th rev.) | ICD-10 Codes | All ages | Age: Under 1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75 and over |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Intentional self-harm (suicide)** | ***U03, X60-X84, Y87.0** | **33** | **0** | **0** | **2** | **9** | **11** | **7** | **2** | **2** | **0** | **0** |
| Intentional self-harm (suicide) by discharge of firearms | X72-X74 | 14 | 0 | 0 | 1 | 4 | 4 | 4 | 0 | 1 | 0 | 0 |
| Intentional self-harm (suicide) by other and unspecified means and their sequelae | *U03, X60-X71, X75-X84, Y87.0 | 19 | 0 | 0 | 1 | 5 | 7 | 3 | 2 | 1 | 0 | 0 |
| **Assault (homicide)** | ***U01-*U02, X85-Y09, Y87.1** | **10** | **1** | **0** | **0** | **5** | **1** | **2** | **1** | **0** | **0** | **0** |
| Assault (homicide) by discharge of firearms | *U01.4, X93-X95 | 7 | 0 | 0 | 0 | 4 | 1 | 2 | 0 | 0 | 0 | 0 |
| Assault (homicide) by other and unspecified means and their sequelae | *U01.0-*U01.3, *U01.5-*U01.9, *U02, X85-X92, X96-Y09, Y87.1 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **Legal intervention** | **Y35, Y89.0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Events of undetermined intent** | **Y10-Y34, Y87.2, Y89.9** | **15** | **0** | **0** | **0** | **5** | **5** | **4** | **1** | **0** | **0** | **0** |
| Discharge of firearms, undetermined intent | Y22-Y24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other and unspecified events of undetermined intent and their sequelae | Y10-Y21, Y25-Y34, Y87.2, Y89.9 | 15 | 0 | 0 | 0 | 5 | 5 | 4 | 1 | 0 | 0 | 0 |
| **Operations of war and their sequelae** | **Y36, Y89.1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Complications of medical and surgical care** | **Y40-Y84, Y88** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |

*2009 Appendix A: Technical Notes*

# Births and Deaths

# APPENDIX A: TECHNICAL NOTES

## Vital Statistics Registration in Utah

Centralized vital statistics registration for the State of Utah was first established by act of the Utah Legislature in 1905. Sections 26-2-1 through 26-2-28, Utah Code Annotated, 1953 as amended, provide the current statutory authority[1].

### Section 26-2-3

(1) The department shall:

(a) provide offices properly equipped for the preservation of vital records made or received under this chapter;

(b) establish a statewide vital records system for the registration, collection, preservation, amendment, and certification of vital records and other similar documents required by this chapter and activities related to them, including the tabulation, analysis, and publication of vital statistics;

(c) prescribe forms for certificates, certification, reports, and other documents and records necessary to establish and maintain a statewide system of vital records;

(d) prepare an annual compilation, analysis, and publication of statistics derived from vital records; and

(e) appoint a state registrar to direct the statewide system of vital records.

(2) The department may:

(a) divide the state from time to time into registration districts; and

(b) appoint local registrars for registration districts who under the direction and supervision of the state registrar shall perform all duties required by them by this chapter and department rules.

Under Utah's statutes, full-time health officers of local health departments become ex-officio local registrars and are responsible for the registration of certificates for all deaths that occur within their respective jurisdictions. Figure A-1 is a list of local health departments, registrars and deputy registrars. Each of the twelve local health departments reside over a local health district.

The local health districts (also referred to as "districts" in this report) and respective counties are Bear River (Box Elder, Cache and Rich), Central Utah (Juab, Millard, Piute, Sanpete, Sevier and Wayne), Davis, Salt Lake, Southeastern (Carbon, Emery, Grand and San Juan), Southwest (Beaver, Garfield, Iron, Kane and Washington), Summit, Tooele, TriCounty (Daggett, Duchesne, and Uintah), Utah, Wasatch, and Weber-Morgan (Morgan and Weber). Figure A-2 is a Utah map which shows the county boundaries.

## Source of Data

Vital statistics certificates filed with the state Office of Vital Records and Statistics are the primary source of data presented within this report. These records include certificates of live birth, death and fetal death. Source data of official population estimates for the state are provided by the Govenor's Office of Planning and Budget.

## Forms for Certificates

Utah's certificates of live birth, death and fetal death are revised periodically to include items on the recommended national "Standard Certificates," with modifications and additions to meet particular needs in Utah. Figures A-3 through A-6 are forms that contain the current data collected for each live birth, death and fetal death record.

## Quality and Limitations of Data

Limitations of the data must be recognized before valid interpretation is possible. For vital statistics data, these limitations are related to the difficulties in reporting and classifying information and to some under-registration of events. It is necessary to exercise particular caution when evaluating vital statistics trend data, since medical concepts, code definitions and method of assigning causes of death have changed over the years. There was a major change in the death coding system for data year 1999 when ICD-10 was implemented.

Figure A-1

# Local Health Districts, Registrars and Deputy Registrars

**Bear River District**
655 East 1300 North
Logan, Utah 84341

Registrar: Lloyd C. Berentzen
Deputy Registrar: Nancy Harris

**Central Utah District**
70 Westview Drive
Richfield, Utah 84701

Registrar: Bruce Costa
Deputy Registrar: Dixie Sorensen

**Davis County**
22 South State Street
Farmington, Utah 84015

Registrar: Lewis R. Garrett
Deputy Registrar: Karla Smith

**Salt Lake Valley Health Dept.**
610 South 200 East
Salt Lake City, Utah 84111

Registrar: Gary L. Edwards
Deputy Registrar: Ellen Freeman

**Southeast Utah District**
28 South 100 East
Price, Utah 84501

Registrar: David Cunningham
Deputy Registrar: Jeanne Thompson

**Southwest Utah District**
620 South 400 East Suite 400
St. George, Utah 84770

Registrar: David W. Blodgett M.D. M.P.H.
Deputy Registrar: Claudia Canales

**Summit County**
85 North 50 East
P.O. Box 128
Coalville, Utah 84017

Registrar: Steve Jenkins
Deputy Registrar: Sally Piercy

**Tooele County**
151 North Main
Tooele, Utah 84074

Registrar: Myron Bateman
Deputy Registrar: Nikki Scow

**TriCounty**
133 East 500 South
Vernal, Utah 84078

Registrar: Joseph B. Shaffer
Deputy Registrar: Crystal Slaugh

**Utah County**
151 South University Avenue Suite 1100
Provo, Utah 84601

Registrar: Joseph K. Miner
Deputy Registrar: Andrea Shoell

**Wasatch County**
55 South 500 East
Heber City, Utah 84032

Registrar: Phil D. Wright
Deputy Registrar: Janet Norton

**Weber-Morgan District**
477 23rd Street
Ogden, Utah 84401

Registrar: Gary House
Deputy Registrar: Kimberly Caliari

Figure A-2

## MAP OF UTAH WITH COUNTY BORDERS

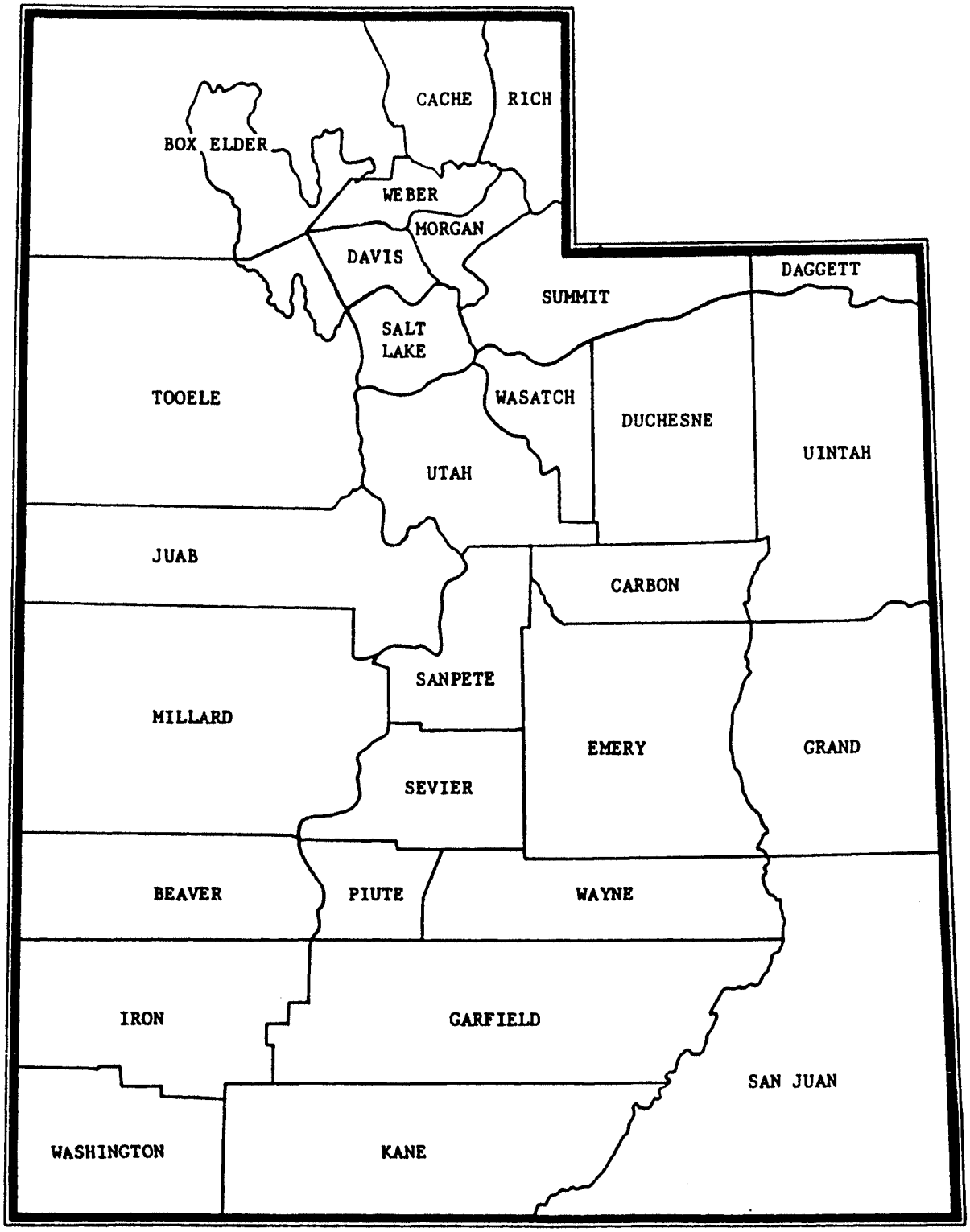


Figure A-3a

# UTAH CERTIFICATE OF LIVE BIRTH

Local File No. _____ State File No. _____

**CHILD**

1. CHILD'S NAME (First, Middle, Last, Suffix)
2. TIME OF BIRTH (24 Hr. Clock)
3. SEX
4. DATE OF BIRTH (MM/DD/CCYY)
5. FACILITY NAME (If not institution, give street and number)
6. CITY, TOWN. OR LOCATION OF BIRTH
7. COUNTY OF BIRTH

**MOTHER**

8a. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)
8b. DATE OF BIRTH (MM/DD/CCYY)
8c. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last, Suffix)
8d. BIRTHPLACE(State, Territory or Foreign Country)
9a. RESIDENCE OF MOTHER-STATE
9b. COUNTY
9c. CITY TOWN OR LOCATION
9d. STREET AND NUMBER
9e. APT NO.
9f. ZIP CODE
9g. INSIDE CITY LIMITS? ☐ Yes ☐ No

**FATHER**

10a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)
10b. DATE OF BIRTH (MM/DD/CCYY)
10c. BIRTHPLACE(State, Territory or Foreign Country)

**CERTIFIER**

11. CERTIFIER'S NAME: _____
TITLE ☐ Designated Representative ☐ Hospital Administrator ☐ Other
12. DATE CERTIFIED (MM/DD/CCYY)
13. DATE FILED BY REGISTRAR (MM/DD/CCYY)

## INFORMATION FOR ADMINISTRATIVE USE

**MOTHER**

14. MOTHER'S MAILING ADDRESS ☐ SAME as Residence
Or Street & Number, PO Box _____ APT.NO. _____
City, Town or Location _____ State _____ ZIP CODE _____ - _____

15. MOTHER MARRIED? (At anytime within 300 days prior to this delivery?) ☐ Yes ☐ No
IF NO, HAS PATERNITY ACKNOWLEDGMENT BEEN SIGNED IN THE HOSPITAL? ☐ Yes ☐ No
16. SOCIAL SECURITY NUMBER REQUESTED FOR CHILD? ☐ Yes ☐ No
17. FACILITY ID (NPI)
18. MOTHER'S SOCIAL SECURITY NUMBER
19. FATHER'S SOCIAL SECURITY NUMBER

## INFORMATION FOR MEDICAL AND HEALTH PURPOSES ONLY

20. MOTHER'S EDUCATION(Check the box that best describes the highest degree or level of school completed at the time of delivery)

- ☐ 8th grade or less
- ☐ 9th-12th grade, no diploma
- ☐ High school graduate or GED completed
- ☐ Some college credit but no degree
- ☐ Associate degree (e.g., AA, AS)
- ☐ Bachelor's degree (e.g., BA, AB, BS)
- ☐ Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)
- ☐ Doctorate (e.g., PhD, EdD) or professional degree (e.g., MD, DDS, DVM, LLB, JD)

21. MOTHER OF HISPANIC ORIGIN (Check the box that best describes whether the mother is Spanish/Hispanic/Latina. Check the "No" box if mother is not Spanish/Hispanic/Latina)

- ☐ No, not Spanish/Hispanic/Latina
- ☐ Yes, Mexican, Mexican American, Chicana
- ☐ Yes, Puerto Rican
- ☐ Yes, Cuban
- ☐ Yes, other Spanish/Hispanic/Latina (Specify) _____

22. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be)

- ☐ White
- ☐ Black or African American
- ☐ American Indian or Alaskan Native (Name of the enrolled or principal tribe) (Specify) _____
- ☐ Asian Indian
- ☐ Chinese
- ☐ Filipino
- ☐ Japanese
- ☐ Korean
- ☐ Vietnamese
- ☐ Other Asian (Specify) _____
- ☐ Native Hawaiian
- ☐ Guamanian or Chamorro
- ☐ Samoan
- ☐ Tongan
- ☐ Other Pacific Islander (Specify) _____
- ☐ Other (Specify) _____

Mother's Name _____

Mother's Medical Record No. _____

SAMPLE

Figure A-3b

**FATHER**

23. FATHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery)

- ☐ 8th grade or less
- ☐ 9th-12th grade, no diploma
- ☐ High school graduate or GED completed
- ☐ Some college credit but no degree
- ☐ Associate degree (e.g., AA, AS)
- ☐ Bachelor's degree (e.g., BA, AB, BS)
- ☐ Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)
- ☐ Doctorate (e.g., PhD, EdD) or professional degree (e.g., MD, DDS, DVDVM, LLB, JD)

24. FATHER OF HISPANIC ORIGIN (Check the box that best describes whether the father is Spanish/Hispanic/Latino. Check the "No" box if father is not Spanish/Hispanic/Latino)

- ☐ No, not Spanish/Hispanic/Latino
- ☐ Yes, Mexican, Mexican American, Chicano
- ☐ Yes, Puerto Rican
- ☐ Yes, Cuban
- ☐ Yes, other Spanish/Hispanic/Latino

(Specify) _____

25. FATHER'S RACE (Check one or more races to indicate what the father considers himself to be)

- ☐ White
- ☐ Black or African American
- ☐ American Indian or Alaskan Native (Name of the enrolled or principal tribe)
- ☐ Asian Indian (Specify) _____
- ☐ Chinese
- ☐ Filipino
- ☐ Japanese
- ☐ Korean
- ☐ Vietnamese
- ☐ Other Asian (Specify) _____
- ☐ Native Hawaiian
- ☐ Guamanian or Chamorro
- ☐ Samoan
- ☐ Tongan
- ☐ Other Pacific Islander
- ☐ Other (Specify) _____

**BIRTH**

26. PLACE WHERE BIRTH OCCURRED (Check one)

- ☐ Hospital
- ☐ Freestanding Birthing Center
- ☐ Home Birth: Planned to deliver at home? ☐ Yes ☐ No
- ☐ Clinic/Doctor's Office
- ☐ Other (Specify) _____

27. ATTENDANT'S NAME, TITLE AND NPI

NAME: _____ NPI: _____

TITLE:

- ☐ MD
- ☐ DO
- ☐ ND
- ☐ CNM/CM
- ☐ Licensed Direct Entry Midwife
- ☐ Other Midwife
- ☐ Other (Specify) _____

**MOTHER**

28. MOTHER TRANSFERRED FOR MATERNAL MEDICAL OR FETAL INDICATIONS FOR DELIVERY?

☐ Yes ☐ No If YES, enter name of facility and state Mother transferred from

Facility: _____

State: _____

29a. DATE OF FIRST PRENATAL CARE VISIT (MM/DD/CCYY)

☐ No Prenatal Care during this pregnancy

29b. DATE OF LAST PRENATAL CARE VISIT (MM/DD/CCYY)

30a. TOTAL NUMBER OF PRENATAL VISITS FOR THIS PREGNANCY (if NONE, enter '0")

30b. TRANSFER OF PRENATAL CARE DURING THIS PREGNANCY ☐ Yes ☐ No ☐ Unknown

31. MOTHER HEIGHT (feet/inches)

32. MOTHER'S WEIGHT PRIOR TO PREGNANCY (pounds)

33 MOTHER'S WEIGHT AT DELIVERY (pounds)

34. DID MOTHER GET WIC FOOD FOR HERSELF DURING THIS PREGNANCY? ☐ Yes ☐ No ☐ Unknown

35a. NUMBER OF PREVIOUS LIVE BIRTHS NOW LIVING (Do not include this child)

35b. NUMBER OF PREVIOUS LIVE BIRTHS NOW DEAD (Do not include this child)

35c. DATE OF LAST LIVE BIRTH (MM/CCYY)

36a. NUMBER OF OTHER PREGNANCY OUTCOMES (spontaneous or induced losses or ectopic pregnancies) ☐ None

36b. DATE OF LAST OTHER PREGNANCY OUTCOME (MM/CCYY)

36c. NUMBER OF STILLBORN BIRTHS gestation of 20 weeks or more

36d. NUMBER OF PREVIOUS MULTIPLE PREGNANCIES

37. CIGARETTE SMOKING BEFORE/ DURING PREGNANCY

Average number of packs or cigarettes smoked per day

For each time period, enter the number of cigarettes or the number of packs smoked.

**IF NONE ENTER '0'**

| | # of cigarettes | | # of packs |
|---|---|---|---|
| 3 months before pregnancy | _____ | Or | _____ |
| first 3 months of pregnancy | _____ | Or | _____ |
| second 3 months of pregnancy | _____ | Or | _____ |
| third trimester of pregnancy | _____ | Or | _____ |

38a. MOTHER ENROLLED IN MEDICAID AT TIME OF BIRTH

☐ Yes ☐ No

If YES, Utah Medicaid number _____

39. DATE LAST NORMAL MENSES BEGAN (MM/DD/CCYY)

40. MOTHER'S MEDICAL RECORD NUMBER

38b. PRINCIPAL SOURCE OF PAYMENT FOR THIS DELIVERY

- ☐ Medicaid
- ☐ Private Insurance
- ☐ Self Pay
- ☐ Indian Health Insurance
- ☐ CHAMPUS/TRICARE
- ☐ Other Government (Fed/State/Local)
- ☐ CHIP
- ☐ Other (Specify) _____

Mother's Name _____

Mother's Medical Record No. _____

SAMPLE

Figure A-3c

Mother's Name _____ Mother's Medical Record No. _____

41. INFERTILITY INFORMATION

Did you take any fertility drugs or receive any medical procedures to help you get pregnant with this pregnancy? ☐ Yes ☐ No

If Yes, how long had you been trying to become pregnant before taking any fertility drugs?

☐ 0-5 Months ☐ 6-11 Months ☐ 1-2 Years ☐ 3-4 Years ☐ 5-6 Years ☐ > 6 Years

Did you use any of the following fertility treatments? (Check all that apply)

- ☐ Fertility-enhancing drugs
- ☐ Artificial insemination or intrauterine insemination
- ☐ Assisted reproductive technology
- ☐ Other medical treatment (specify) _____
- ☐ None of the above

42. RISK FACTORS (Check all that apply)

- ☐ Antiphospholipid syndrome
- ☐ Anxiety (meds used) _____
- ☐ Asthma, mild treated with over-the-counter meds
- ☐ Asthma, severe, treated with prescription meds
- ☐ Bipolar disorder (meds used) _____
- ☐ Chronic hypertension
- ☐ Chronic renal disease
- ☐ Cystitis
- ☐ Depression (meds used) _____
- ☐ Eclampsia
- ☐ Gestational carrier delivery
- ☐ Gestational diabetes(diagnosed in this pregnancy)
- ☐ Heart disease, mild
- ☐ Heart disease, severe
- ☐ HELLP syndrome
- ☐ Hyperthyroid
- ☐ Hypothyroid
- ☐ Illicit drug use (specify drug used) _____
- ☐ Lupus
- ☐ Pre-existing diabetes, insulin dependent
- ☐ Pre-existing diabetes, non-insulin dependent
- ☐ Pregnancy induced hypertension
- ☐ Previous infant over 4,000 grams
- ☐ Previous C-Sections #_____
- ☐ Previous preterm infant
- ☐ Previous infant with other poor outcome
- ☐ Schizophrenia (meds used) _____
- ☐ Rheumatoid arthritis
- ☐ Sjogrens Syndrome
- ☐ No risk factors

43. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY (Check all that apply)

- ☐ Bacterial Vaginosis
- ☐ Chlamydia
- ☐ Cytomegalovirus
- ☐ General Herpes (HSV)
- ☐ Gonorrhea
- ☐ Group B+ Strep
- ☐ Hepatitis A
- ☐ Hepatitis B
- ☐ Hepatitis C
- ☐ HIV/AIDS
- ☐ Human parvovirus
- ☐ Listeria
- ☐ Pyelonephritis
- ☐ Rubella
- ☐ Syphilis
- ☐ Toxoplasmosis
- ☐ Urinary Tract Infection (UTI)
- ☐ Unknown
- ☐ None

44. OBSTETRIC PROCEDURES (Check all that apply)

- ☐ Cervical cerclage
- ☐ Unknown version
- ☐ Amniocentesis
- ☐ Successful version
- ☐ Tocolysis
- ☐ Cervical ripening
- ☐ Failed version
- ☐ Chronic villus sampling
- ☐ None

44. METHOD OF DELIVERY

Fetal presentation at birth

- ☐ Cephalic
- ☐ Breech
- ☐ Other
- ☐ Unknown

Please check appropriate box in the Type of Delivery

- ☐ Spontaneous vaginal
- ☐ Forceps vaginal: Successful
- ☐ Forceps vaginal: Unsuccessful
- ☐ Vacuum vaginal: Successful
- ☐ Vacuum vaginal: Unsuccessful
- ☐ Cesarean
- ☐ Unknown

If cesarean, was a trial of labor attempted? ☐ Yes ☐ No

45. CHARACTERISTICS OF LABOR AND DELIVERY (Check all that apply)

- ☐ Abruptio placenta
- ☐ Antibiotics received by the mother during labor
- ☐ Augmentation of labor (stimulation)
- ☐ Clinical chorioamnionitis diagnosed during labor or maternal temperature > 38 C (110.4 F)
- ☐ Cord prolapse
- ☐ Elective induction
- ☐ Epidural or spinal anesthesia during labor
- ☐ Fetal intolerance of labor
- ☐ Induction of labor
- ☐ Mid forceps delivery
- ☐ Moderate/heavy meconium staining of amniotic fluid
- ☐ Non-vertexpresentation
- ☐ Outlet forceps delivery
- ☐ Placenta previa
- ☐ Steroids (glucocorticoids) for fetal lung maturation
- ☐ True knot in cord
- ☐ Unknown
- ☐ None

46. MATERNAL MORBIDITY (Check all that apply)
(Complications associated with labor and delivery)

- ☐ Admission to intensive care
- ☐ Maternal transfusion
- ☐ Perineal laceration - 3rd or 4th degree
- ☐ Ruptured uterus
- ☐ Unplanned hysterectomy
- ☐ Unplanned operating room procedure
- ☐ None of the above

47. NEWBORN MEDICAL RECORD NUMBER _____

48. BIRTHWEIGHT

grams _____ lbs _____ ozs _____

49. OBSTETRIC ESTIMATION OF GESTATION

_____ (completed weeks)

50. APGAR SCORE

Score at 1 minute: _____

Score at 5 minutes: _____

If 5 minute score is less than 6, enter score at 10 minutes: _____

51. PLURALITY - Single, twin, triplet, etc.

(Specify) _____

52. IF NOT SINGLE - Born first, second, third, etc.

(Specify) _____

53. If multiple birth, how many born alive?

54. ABNORMAL CONDITIONS OF THE NEWBORN (Check all that apply)

- ☐ Anemia
- ☐ Assisted ventilation required immediately following delivery (first 30 minutes)
- ☐ Assisted ventilation required for more than six hours
- ☐ Antibiotics received for suspected neonatal sepsis
- ☐ Meningitis
- ☐ Newborn given surfactant replacement therapy
- ☐ NICU admission 24 hours or less
- ☐ NICU admission greater than 24 hours
- ☐ Perinatal substance abuse
- ☐ Respiratory distress syndrome (RDS)/hyaline membrane disease
- ☐ Seizure or serious neurologic dysfunction
- ☐ Significant birth injury (skeletal fracture(s), peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention)
- ☐ Unknown
- ☐ None

Child's Name _____ Child's Medical Record No. _____

55. CONGENITAL ANOMALIES OF THE NEWBORN (Check all that apply)

- ☐ Anencephaly
- ☐ Central Nervous System (Specify) _____
- ☐ Chromosomal Anomaly (Specify) _____
  - ☐ Karyotype confirmed ☐ Karyotype pending
- ☐ Cleft Lip ☐ Cleft Palate
- ☐ Cleft Lip and Palate
- ☐ Club Foot
- ☐ Congenital Diaphragmatic Hernia
- ☐ Cyanotic Congenital Heart (Specify) _____
- ☐ Other Congenital Heart Disease(Specify) _____
- ☐ Down Syndrome
  - ☐ Karyotype confirmed ☐ Karyotype pending
- ☐ Gastroschisis Disease
- ☐ Other Gastrointestinal (Specify) _____
- ☐ Hydrocephalus
- ☐ Hypospadias
- ☐ Malformation of Genitalia (Specify) _____
- ☐ Limb Reduction (Specify) _____
- ☐ Other Limb Anomalies (Specify) _____
- ☐ Meningomyelocele/Spina Bifida
- ☐ Microcephalus
- ☐ Omphalocele
- ☐ Other Musculoskeletal Anolmalies (Specify) _____
- ☐ Other Urogenital Anomalies (Specify) _____
- ☐ Polydactyly/Syndactyly/Adactyly
- ☐ Rectal Atresia
- ☐ Renal Agenesis
- ☐ Tracheo-esophageal fistula/esophageal atresia
- ☐ Other Congenital Anomalies (Specify) _____
- ☐ Unknown
- ☐ None

56. WAS INFANT TRANSFERRED WITHIN 24 HOURS OF DELIVERY ? ☐ Yes ☐ No

If YES, name of facility transferred to: _____

State: _____

57. INFANT DECEASED ☐ Yes ☐ No

If YES, Date of Death

(MM/DD/CCYY) _____

58. IS INFANT BEING BREAST FED AT DISCHARGE? ☐ Yes ☐ No

SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE

Figure A-4

STATE OF UTAH - DEPARTMENT OF HEALTH

# CERTIFICATE OF DEATH

Access to information on this form is limited under the Vital Statistics Act and Rules

LOCAL FILE NUMBER

STATE FILE NUMBER

**DECEDENT**

1. DECEDENT'S LEGAL NAME (Include AKA's, if any) *(First, Middle, Last)*

2. SEX

3a. DATE OF DEATH *(Mo., Day, Yr.)*

3b. TIME OF DEATH *(24 hr. Clock)*

4. DATE OF BIRTH *(Mo., Day, Yr.)*

5. AGE-*Last Birthday (Years)*

IF UNDER 1 YEAR: Months | Days

IF UNDER 24 HRS.: Hours | Minutes

6. BIRTHPLACE *(City & State or Foreign Country)*

7. SOCIAL SECURITY NUMBER

**8a. PLACE OF DEATH *(Check only one)***

IF DEATH OCCURRED IN A HOSPITAL: ☐ 1. Inpatient ☐ 2. ER/Outpatient ☐ 3. DOA

IF DEATH OCCURRED SOMEWHERE OTHER THAN A HOSPITAL: ☐ 5. Nursing Home/Long term care facility ☐ 6. Decedent's Home ☐ 7. Other *(specify)*_____

8b. NAME OF HOSPITAL, NURSING HOME OR OTHER FACILITY *(If outside a facility, give street address of location)*

8c. COUNTY OF DEATH

8d. CITY, TOWN OR LOCATION OF DEATH

9. WAS DECEDENT EVER IN THE U.S. ARMED FORCES? ☐ 1. Yes ☐ 2. No ☐ 3. Unk.

10. MARITAL STATUS ☐ 1. Never Married ☐ 2. Married ☐ 3. Widowed ☐ Divorced ☐ 5. Married, but separated ☐ 6. Unknown

11. SURVIVING SPOUSE'S NAME *(if wife, give name prior to first marriage)*

12a. DECEDENT'S USUAL OCCUPATION *(Give kind of work done during most of working life. Do **NOT** enter retired)*

12b. KIND OF BUSINESS OR INDUSTRY

13a. RESIDENCE - STREET AND NUMBER

13b. STATE

13c. COUNTY

13d. CITY, TOWN, COMMUNITY, OR RURAL

13e. ZIP CODE

13f. INSIDE CITY LIMITS? ☐ 1. Yes ☐ 2. No

**PARENTS**

14. FATHER'S NAME *(First, Middle, Last)*

15. MOTHER'S NAME PRIOR TO FIRST MARRIAGE *(First, Middle, Last)*

**INFORMANT**

16. NAME, RELATIONSHIP AND MAILING ADDRESS OF INFORMANT *(Street & Number, City, State, Zip)*

**DISPOSITION**

17. METHOD OF DISPOSITION ☐ 1. Entombment ☐ 2. Donation ☐ 3. Other ☐ 4. Burial ☐ 5. Cremation ☐ 6. Removal

18a. DATE OF DISPOSITION

18b. PLACE OF DISPOSITION *(name of cemetery, crematory, or other place)*

18c. LOCATION OF DISPOSITION - *City or Town, State*

19. LICENSEE NUMBER

20. FUNERAL HOME *(Name and complete address)*

21. SIGNATURE OF FUNERAL SERVICE LICENSEE

**CERTIFIER**

22. CERTIFIER *(Check only one)*

☐ 1. CERTIFYING PHYSICIAN: To the best of my knowledge, death occurred at the time, date and place, and due to the cause(s) and manner as stated.

☐ 2. MEDICAL EXAMINER: On the basis of examination and/or investigation, in my opinion, death occurred at the time, date, place and due to the cause(s) and manner as stated.

M.E. Case No. _____

SIGNATURE & TITLE OF CERTIFIER _____ LIC. NO. _____ DATE SIGNED _____

22a. Was Medical Examiner Contacted? ☐ 1. Yes ☐ 2. No

23a. NAME, ADDRESS AND ZIP CODE FOR PERSON WHO CERTIFIED THE CAUSE OF DEATH (item 24) *(Type/Print)*

23b. DATE DECEASED WAS LAST ATTENDED BY PHYSICIAN

**CAUSE OF DEATH**

24. PART I. Enter the chain of events-diseases, injuries, or complications-that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line.

*Approximate Interval Between Onset and Death.*

IMMEDIATE CAUSE (**Final disease or condition resulting in death)**

a. _____

DUE TO (OR AS A CONSEQUENCE OF):

**Sequentially list conditions, if any, leading to the cause listed on line a. Enter the UNDERLYING CAUSE (disease or injury that initiated events resulting in death) LAST**

b. _____

DUE TO (OR AS A CONSEQUENCE OF):

c. _____

DUE TO (OR AS A CONSEQUENCE OF):

d. _____

PART II. Other significant Conditions contributing to death but not resulting in the underlying cause given in Part I

25a. WAS AN AUTOPSY PERFORMED? ☐ 1. Yes ☐ 2. No

25b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? ☐ 1. Yes ☐ 2. No

26. IN YOUR OPINION, TOBACCO USE BY THE DECEDENT:
☐ 1. Probably contributed to the cause of death
☐ 2. Was the underlying cause of death.
☐ 3. Did not contribute to the cause of death
☐ 4. Is unknown in relation to the cause of death
☐ 5. NON USER
☐ 6. UNKNOWN IF USER

27. MANNER OF DEATH
☐ 1. Natural ☐ 2. Accident
☐ 3. Suicide ☐ 4. Homicide
☐ 5. Could not be Determined ☐ 6. Pending Investigation

28. IF FEMALE:
☐ 1. Not pregnant within past year
☐ 2. Pregnant at time of death
☐ 3. Not pregnant, but pregnant within 42 days of death
☐ 4. Not pregnant, but pregnant 43 days to 1 year before death
☐ 5. Unknown if pregnant within the past year

29a. DATE OF INJURY *(Mo., Day, Yr.)*

29b. TIME OF INJURY *(24 hr. Clock)*

29c. INJURY AT WORK? ☐ 1. Yes ☐ 2. No

29d. PLACE OF INJURY - *At home, farm, street, factory, office, building, etc. (Specify)*

29e. If motor vehicle accident: ☐ 1. Driver ☐ 2. Passenger ☐ 3. Pedestrian ☐ 4. Other ☐ 5. Unknown

29f. LOCATION *(Street or rural route number, city or town, county and state)*

29g. DESCRIBE HOW INJURY OCCURRED *(enter sequence of events which resulted in injury, NATURE OF INJURY should be entered in item 24)*

**RACE AND EDUCATION**

30. WAS DECEDENT OF HISPANIC ORIGIN? *(Check the "No" box if decedent is not Spanish/Hispanic/Latino.)*

☐ 1. Yes ☐ 2. No ☐ 3. Unknown

(If yes, Check the box that best describes whether the decedent is Spanish/Hispanic/Latino.

☐ 1. Yes, Mexican, Mexican American, Chicano

☐ 2. Yes, Cuban

☐ 3. Yes, Puerto Rican

☐ 4. Yes, other Spanish/Hispanic/Latino (Specify)

_____

31. DECEDENT'S RACE *(Check one or more races to indicate what the decedent considered himself or herself to be)*

☐ 01. White ☐ 02. Black or African American
☐ 03. American Indian or Alaska Native (Name of the enrolled or principal tribe)
_____
☐ 04. Chinese ☐ 05. Japanese
☐ 06. Native Hawaiian ☐ 07. Filipino
☐ 08. Other Asian (Specify)_____
☐ 10. Asian Indian ☐ 11. Korean
☐ 12. Samoan ☐ 13. Vietnamese
☐ 14. Guamanian or Chamorro ☐ 16. Unknown
☐ 15. Other Pacific Islander (Specify) _____
☐ 00. Other (Specify) _____

32. DECEDENT'S EDUCATION (*Check the box that best describes the highest degree or level of school completed at the time of death.)*

☐ 0. None
☐ 1. 8th grade or less
☐ 2. 9th - 12th grade; no diploma
☐ 3. High School graduate or GED completed
☐ 4. Some college credit, but no degree
☐ 5. Associate degree (e.g., AA, AS)
☐ 6. Bachelor's degree (e.g., BA, AB, BS)
☐ 7. Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)
☐ 8. Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)
☐ 9. Unknown

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**REGISTRAR**

33. REGISTRAR'S SIGNATURE

34. DATE FILED *(Mo., Day, Yr.)*

SAMPLE

Figure A-5a

The medical and health information on this form is Confidential under the Vital Statistics Act and Rules.

STATE OF UTAH – DEPARTMENT OF HEALTH

# FETAL DEATH CERTIFICATE

LOCAL FILE NUMBER

STATE FILE NUMBER

**MOTHER**

**1. NAME OF FETUS** (First, Middle, Last)

**2. SEX**

**3a. DATE OF DELIVERY** (Mo, Day, Yr)

**3b. TIME OF DELIVERY** (24 hour clock)

**4. PLACE OF DELIVERY** – HOSPITAL NAME (if not in hospital, give street and address)

**5. CITY, TOWN OR LOCATION OF DELIVERY**

**6a. COUNTY OF DELIVERY**

**6b. ZIP CODE OF DELIVERY**

**7. MOTHER'S CURRENT LEGAL NAME** (First, Middle, Last)

**8. MOTHER'S DATE OF BIRTH** (Mo, Day, Year)

**9. MOTHER'S PLACE OF BIRTH** (State or Foreign Country)

**10. MOTHER'S NAME PRIOR TO FIRST MARRIAGE** (First, Middle, Last, Suffix)

**11. RESIDENCE - STATE**

**12. COUNTY**

**13. CITY, COUNTY OR LOCATION**

**14. STREET AND NUMBER**

**15. ZIP CODE**

**16. INSIDE CITY LIMITS**

☐ 1 Yes ☐ 2 No

**FATHER**

**17. FATHER'S NAME** (First, Middle, Last)

**18. FATHER'S DATE OF BIRTH** (Mo, Day, Year)

**19. FATHER'S BIRTH PLACE** (State or Foreign Country)

CONFIDENTIAL INFORMATION

**20. MOTHER LEGALLY MARRIED TO THIS CHILD'S BIOLOGICAL FATHER** (at birth, conception or any time between)?

☐ 1 Yes ☐ 2 No

**21. ARE PATERNITY PAPERS ATTACHED?**

☐ 1 Yes ☐ 2 No

**Paternity papers must be attached if parents are not legally married.**

**22. DID MOTHER GET WIC FOOD FOR HERSELF DURING THIS PREGNANCY?**

☐ 1 Yes ☐ 2 No

**23. MOTHER OF HISPANIC ORIGIN?**

(Check the box that best describes whether the mother is Spanish/Hispanic/Latino. Check the "No" box if mother is not Spanish/Hispanic/Latino.)

☐ 1. No, not Spanish/Hispanic/Latino
☐ 2. Yes, Mexican, Mexican American, Chicano
☐ 3. Yes, Puerto Rican
☐ 4. Yes, Cuban
☐ 5. Yes, other Spanish/Hispanic/Latino (Specify)

_____

**24. MOTHER'S RACE** (Check one or more races to indicate what race the mother considers herself.)

☐ 1. White
☐ 2. Black or African American
☐ 3. American Indian or Alaska Native (Name of the enrolled or principal tribe)

_____

☐ 4. Asian Indian
☐ 5. Chinese
☐ 6. Filipino
☐ 7. Japanese
☐ 8. Korean
☐ 9. Vietnamese
☐ 10. Other Asian (Specify)

_____

☐ 11. Native Hawaiian
☐ 12. Guamanian or Chamorro
☐ 13. Samoan
☐ 14. Other Pacific Islander (Specify)

_____

☐ 15. Other (Specify)

_____

**25. MOTHER'S EDUCATION** (Check the box that best describes the highest degree or level of school completed at the time of delivery.)

☐ 1. 8th grade or less
☐ 2. 9th-12th grad, no diploma
☐ 3. High School graduate or GED completed
☐ 4. Some college credit, but no degree
☐ 5. Associate degree (e.g., AA, AS)
☐ 6. Bachelor's degree (e.g., BA. AB. BS)
☐ 7. Master's degree (e.g., Ma. MS, MEng, MEd, MSW, MBA)
☐ 8. Doctorate (e.g., PhD. EdD) or Professional degree (eg., MD. DDS, DVM, LLB, JD)

**26. MOTHER'S HEIGHT AND WEIGHT**

Mother's height _____ feet _____ inches

Weight before pregnancy was _____ lbs

Weight at delivery _____ lbs

**27. CIGARETTE SMOKING BEFORE AND DURING PREGNANCY**

Tobacco use ☐ 1. Yes ☐ 2. No

**If Yes:** For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked.
IF NONE, NETER "0"

Average number of cigarettes or packs of cigarettes smoked per day.

| | # of cigarettes | OR | # of pks |
|---|---|---|---|
| 1. Three months before pregnancy | _____ | OR | _____ |
| 2. First three months of pregnancy | _____ | OR | _____ |
| 3. Second three months of pregnancy | _____ | OR | _____ |
| 4. Last three months of pregnancy | _____ | OR | _____ |

**28. MOTHER TRANSFERRED PRIOR TO DELIVERY**

(if yes, enter State and name of Facility transferred from)

☐ 1. Yes ☐ 2. No

_____

**29. DATE OF LAST NORMAL MENSUS** (Mo, Day, Year)

_____

**30. DATE OF FIRST PRENATAL CARE VISIT**

**30a. No Prental Care** ☐

**30b. Date** (Mo, Day, Year)

_____

**31. DATE OF LAST PRENATAL CARE VISIT** (Mo, Day, Year)

_____

**32. TOTAL NUMBER OF PRENATAL VISITS FOR THIS PREGNANCY** (if none, enter "0")

_____

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MEDICAL AND HEALTH INFORMATION

**33. PREGNANCY HISTORY**

☐ No previous live births:

Other live births now living _____
(do not include this child).

Other live births now dead _____
(do not include this child).

Date of last live birth _____/_____
(mm/yyyy)

- - - - - - - - - - - - - - - - - - - - - - - - -

Number of other pregnancy outcomes (spontaneous or induced losses or ectopic pregnancies).

- - - - - - - - - - - - - - - - - - - - - - - - -

Number of other:
Outcomes _____
None ☐

Date of last other pregnancy:
outcome _____/_____ (mm/yyyy)

**34. MEDICAL RISK FACTORS (Check all that apply.)**

Diabetes:

☐ 1. Pregnancy (diagnosis prior to this pregnancy)

☐ 2. Gestational ( diagnosis in this pregnancy)

Hypertension:

☐ 3. Prepregnancy (chronic)

☐ 4. Gestational (PIH, preeclampsia, eclampsia)

☐ 5. Previous Preterm Birth (36 weeks or less)

☐ 6. Other previous poor pregnancy outcome (includes perinatal deaths, small-for-gestational-age/intrauterine) growth restricted birth)

☐ 7. Vaginal bleeding during this pregnancy prior to the onset of labor.

☐ 8. Pregnancy resulted from infertility treatment..

☐ 9. Mother had a previous Cesarean delivery If yes, how many? _____

☐ 10. None of the above.

**35. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY** (Check all that apply).

☐ 1. Gonorrhea
☐ 2. Syphilis
☐ 3. Herpes Simplex Virus (HSV)
☐ 4. Chlamydia
☐ 5. Listeria
☐ 6. Group B Streptococcus (GBS+)
☐ 7. Cylomeglovirus
☐ 8. Parvo Virus
☐ 9. Toxoplasmosis
☐ 10. None of the above
☐ 11. Other
(specify)_____

**36. METHOD OF DELIVERY**

A. Was delivery with forceps attempted but unsuccessful?
☐ 1 Yes ☐ 2 No

B. Was delivery with vacuum extraction attempted but unsuccessful?
☐ 1 Yes ☐ 2 No

C. Fetal presentation at delivery
☐ 1. Cephalic
☐ 2. Breach
☐ 3. Other

D. Final route and method of delivery (Check one).
☐ 1. Vaginal Spontaneous
☐ 2. Vaginal/Forceps
☐ 3. Vaginal/Vacuum
☐ 4. Caesarean – If caesarean was a trial of labor attempted?
☐ 1 Yes ☐ 2 No

E. Hysterotomy/Hysterectomy
☐ 1 Yes ☐ 2 No

**37. MATERNAL MORBDITY** (Check all that apply).
Complications associated with labor and delivery:

☐ 1. Maternal transfusion
☐ 2. Third or fourth degree perineal laceration
☐ 3. Ruptured uterus
☐ 4. Unplanned hysterectomy
☐ 5. Admission to intensive care unit
☐ 6. Unplanned operating room procedure following delivery
☐ 7. None of the above

**38a. Birth** ☐ Single(1) ☐ Twin(2)
☐ Etc.
(Specify)_____

**38b.** If not single, **Birth Order** _____

**39. Weight of Fetus** _____ grams

AND _____ lbs. _____ oz.

**40. Obstetric estimate of gestation at delivery**
(Completed weeks) _____

**41. CONGENITAL ANOMALIES OF FETUS**
(Check all that apply)

☐ 1. Anencephaly

☐ 2. Meningocele / Spina Bifida

☐ 3. Hydrocephalus

☐ 4. Microcephalus

☐ 5. Other central nervous system anomalies
(Specify)_____

☐ 6. Cyamotic congenital heart disease
(Specify)_____

☐ 7. Tracheo-esophageal fistula / esophageal atresia

☐ 8. Omphalocele

☐ 9. Gastroschisis

☐ 10. Other gastrointestinal (Specify)
(Specify)_____

☐ 11. Urinary system anomalies
(Specify)_____

☐ 12. Cleft lip with cleft palate

☐ 13. Cleft Palate

☐ 14. Limb Reduction Defects (excludes amputation and dwarfing syndromes)

☐ 15. Other Limb Anomalies (Specify)_____

☐ 16. Diaphragmatic hernia

☐ 17. Other musculoskeletal anomalies (Specify)_____

☐ 18. Downs Syndrome
1. Karyotype confirmed
2. Karyotype pending

☐ 19. Chromosomal anomalies
1. Karyotype confirmed (Specify)
2. Karyotype pending

☐ 20. Hypospadias

☐ 21. Other Anomalies not listed in the above
(Specify)_____

☐ 22. Unknown

☐ 23. None of the above

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Figure A-5c

**42. ATTENDANT'S NAME AND LICENSE NUMBER**

**43. NAME AND TITLE OF PERSON COMPLETING REPORT**

ATTENDANT AND CERTIFIER INFORMATION

**44. METHOD OF DISPOSITION**

- ☐ Burial
- ☐ Cremation
- ☐ Hospital Cremation
- ☐ Donation
- ☐ Removal from State (permit required for removal of remains)
- ☐ Other (Specify) _____

**45. NAME AND ADDRESS OF INSTITUTION IN CHARGE OF DISPOSITION**
(Hospital, Laboratory, Funeral Home)

**46. PERSON RESPONSIBLE FOR DISPOSITION**

**47. PLACE OF DISPOSITIN** (Name of Hospital, Cemetery)

**48. DATE OF DISPOSITION** (Mo, Day, Year)

DISPOSITION INFORMATION

## CAUSES/CONDITIONS CONTRIBUTING TO FETAL DEATH

### INITIATING (UNDERLYING) CAUSE/CONDITION

(CHOOSE THE ONE WHICH MOST LIKELY BEGAN THE SEQUENCE OF EVENTS RESULTING IN THE DEATH OF THE FETUS)

- ☐ Maternal Conditions/Diseases (Specify) _____
  - Complications of Placenta, Cord or Membranes
    - ☐ Rupture of membranes prior to onset of labor
    - ☐ Abruptio placenta
    - ☐ Placental Insufficiency
    - ☐ Prolapsed cord
    - ☐ Chorioamnionitis
    - ☐ Other (Specify) _____
- ☐ Other Obstetrical or Pregnancy Complications (Specify) _____
- ☐ Fetal Anomaly (Specify) _____
- ☐ Fetal Injury (Specify) _____
- ☐ Fetal Infection (Specify) _____
- ☐ Other Fetal Conditions/Disorders (Specify) _____
- ☐ Unknown

### OTHER SIGNIFICANT CAUSES OR CONDITIONS

(CHOOSE ALL OTHER CONDITIONS CONTRIBUTING TO DEATH)

- ☐ Maternal Conditions/Diseases (Specify) _____
  - Complications of Placenta, Cord or Membranes
    - ☐ Rupture of membranes prior to onset of labor
    - ☐ Abruptio placenta
    - ☐ Placental Insufficiency
    - ☐ Prolapsed cord
    - ☐ Chorioamnionitis
    - ☐ Other (Specify) _____
- ☐ Other Obstetrical or Pregnancy Complications (Specify) _____
- ☐ Fetal Anomaly (Specify) _____
- ☐ Fetal Injury (Specify) _____
- ☐ Fetal Infection (Specify) _____
- ☐ Other Fetal Conditions/Disorders (Specify) _____
- ☐ Unknown

CAUSES OR CONDITIONS CONTRIBUTING TO DEATH

## ESTIMATED TIME OF FETAL DEATH

☐ INTRAPARTUM ☐ ANTEPARTUM ☐ UNKNOWN

Was an autopsy to be performed?
☐ Yes ☐ No ☐ Planned

Was a histological placental examination performed?
☐ Yes ☐ No ☐ Planned

Were autopsy or histological placental examination results used in determining the cause of fetal death
☐ Yes ☐ No

Fetal Karyotyping planned? ☐ Yes ☐ No
Result (Specify) _____

Fetal Karyotyping planned? ☐ Yes ☐ No ☐ Planned
Result (Specify) _____

**REGISTRAR'S SIGNATURE**

_____

**DATE RECEIVED BY REGISTRAR**
**(Mo, Day, Year)**

_____

REGISTRATION INFORMATION

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## Registration of Births and Fetal Deaths

The completeness of registration for births was last tested at the state level in conjunction with the 1950 U.S. Census of the Population and was found to be 98.7 percent complete at that time. At the present time, more than 99 percent of all Utah's resident births occur in hospitals. This fact, coupled with information from sample studies, indicates that the completeness of birth certificate registration now exceeds 99 percent.

The registration of fetal deaths at 20 weeks or more gestation is required by statute. Since May 1981, the institution where the delivery occurs has the responsibility for filing a fetal death certificate if the delivery results in a fetal death. Fetal death certificates are to be registered by the fifth day after the delivery and before disposition of the remains.

Most deliveries (99%) occur in hospitals and women who miscarry unexpectedly at 20 weeks or more are usually taken to a hospital if they are not already there. Funeral directors are responsible for checking that a fetal death certificate has been filed for all such dispositions they handle.

## Limitation of Small Numbers

All statistics are subject to chance variation. Such random variation in a large number of events has little effect on the data for the group; however, random variation in a small number of events may result in a startling change in the data for the group. For example, minor differences in the number of births or deaths in small populations or in the number of deaths from uncommon causes may result in large changes in these rates. Rates for areas of small population or for events with few occurrences should be interpreted with this limitation in mind.

## Cause of Death

Cause of death statistics are derived from the medical certification information required by law to be reported on the death or fetal death certificate by the attending physician or medical examiner. The medical certification item on certificates of death and fetal death has a provision for reporting three causes of death--immediate, intervening, and underlying, plus additional information related to the cause of death.

The cause of death selected for coding and tabulating mortality statistics is the "underlying cause of death," which is generally defined as the disease or injury which initiated the sequence of morbid events leading directly to death.

Occasionally death certificates are registered with the cause of death information incomplete, inconsistent, or equivocal, and additional information from the center is not available. In such cases, selection and modification rules are used to select the underlying cause of death for statistical purposes. Selection and modification rules which adapt the coding procedures to reporting practices in the United States are published by the Public Health Service, National Center for Health Statistics, in annual editions of the Vital Statistics Instructional Manual.

The Eighth Revision of the International Classification of Diseases was used to code the underlying cause of death on Utah's death certificates for data years 1968 through 1978. The Ninth Revision of the International Classification of Diseases was used to code the underlying cause of death in Utah for data years 1979-1998, and the current Tenth Revision was used to code the 1999-2007 data in this report.

Comparability ratios between revisions are computed by the National Center for Health Statistics and are published in Utah's Vital Statistics: Births and Deaths, 1980 for the earlier revision and can be found on our web site as described in the preface of this publication for the new and current version. Comparability ratios for some cause of death codes show extreme variations and utmost caution should be taken in interpreting any cause of death trends that span the Eighth and Ninth Revisions[2] or the Ninth and Tenth Revisions[3] of the International Classification of Diseases.

## Geographic Bases

Birth and death data can be presented by place of occurrence of the event or by place of usual residence of the individual. For deaths, "place of residence" for the decedent is defined as the usual residence of the decedent. For births, "place of residence" for the child is defined as the usual residence of the mother.

Reallocation of birth and death certificates to the state of residence has been virtually complete on a nationwide basis since 1955. This is made possible by a cooperative program among the states for exchange of copies of certificates of non-resident events for statistical purposes only.

For analytical purposes, sometimes it is meaningful to tabulate accidental deaths by place of occurrence rather than by place of residence. Statistical tabulations of accidental deaths "by place of occurrence" refer to the place where the death occurred, and not the place where the accident occurred. A hypothetical example may help to clarify the above explanation. Assume that a resident of Denver, Colorado is involved in a motor vehicle accident in Wendover, Nevada and requires emergency aid of a special nature. The closest available facility is the Mountain West Medical Center in Tooele, Utah. After arriving at the hospital, the patient succumbs to conditions arising from the accident. In such cases, the "place of occurrence" of the death for statistical purposes would be Tooele, Utah, not Wendover, Nevada; however, there can also be a table of accidental deaths by place where the accident occurred, In this example, the death would be classfied as an accidental death to a non-resident which occurred in Utah. The place where the accident occurred would be out-of-state (Wendover, Nevada).

## Race/Ethnic Origin

The Utah Department of Health began tabulating birth data by race of mother in the 1990 data year. Prior to 1990, birth data was tabulated by race of infant.

This change corresponds to the 1989 revision of the Utah birth certificate. Caution should be used when comparing the racial classification of birth data prior to 1990 with data collected in 1990 and later. An explanation of the factors that brought about the racial classification change of birth data and the problems of analyzing the trend data is available in Utah's Vital Statistics Annual Report: 1990.

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[2] National Center for Health Statistics, “Estimates of selected comparability ratios based on dual coding of 1976 death certificates by the Eighth and Ninth Revisions of the International Classification of Diseases"; Monthly Vital Statistics Report, Vol. 28, No. 11(S); February 29, 1980.

[3] National Center for Health Statistics, (a) "Comparability of cause of death between ICD-9 and ICD-10: Preliminary estimates"; National Vital Statistics Report; Vol. 49, No. 2; 2001 and (b) "Deaths: Final data for 1999"; National Vital Statistics Reports: Vol. 49, No. 8; 2001.

*2009 Appendix B: Life Tables*

# Births and Deaths

## Abridged life table for total population, residents: Utah, 2009

| Age Interval | Mortality rate | Proportion dying | Of 100,000 born alive | | Number of person-years lived | | Average remaining years |
|---|---|---|---|---|---|---|---|
| Period of life between two ages | Age-specific mortality rate per 100,000 population | Proportion of persons alive at beginning of interval dying during interval | Number living at beginning of age interval | Number dying during age interval | In the age interval | In this and all subsequent intervals | Number of years of life remaining at beginning of interval |
| 0 | 527.20 | 0.0053 | 100,000 | 500 | 99,638 | 7,827,643 | 78.28 |
| 1-4 | 21.62 | 0.0002 | 99,500 | 84 | 397,782 | 7,728,005 | 77.67 |
| 5-9 | 12.49 | 0.0001 | 99,416 | 62 | 496,905 | 7,330,223 | 73.73 |
| 10-14 | 12.52 | 0.0001 | 99,354 | 62 | 496,655 | 6,833,318 | 68.78 |
| 15-19 | 53.58 | 0.0005 | 99,291 | 266 | 495,847 | 6,336,664 | 63.82 |
| 20-24 | 65.13 | 0.0007 | 99,026 | 322 | 494,353 | 5,840,817 | 58.98 |
| 25-29 | 83.13 | 0.0008 | 98,704 | 409 | 492,537 | 5,346,464 | 54.17 |
| 30-34 | 107.19 | 0.0011 | 98,294 | 525 | 490,196 | 4,853,927 | 49.38 |
| 35-39 | 122.59 | 0.0012 | 97,769 | 598 | 487,440 | 4,363,731 | 44.63 |
| 40-44 | 198.18 | 0.0020 | 97,171 | 958 | 483,618 | 3,876,291 | 39.89 |
| 45-49 | 284.37 | 0.0028 | 96,213 | 1,359 | 477,842 | 3,392,674 | 35.26 |
| 50-54 | 384.32 | 0.0038 | 94,854 | 1,807 | 470,026 | 2,914,832 | 30.73 |
| 55-59 | 583.87 | 0.0058 | 93,047 | 2,680 | 458,887 | 2,444,805 | 26.28 |
| 60-64 | 788.93 | 0.0079 | 90,367 | 3,501 | 443,577 | 1,985,919 | 21.98 |
| 65-69 | 1,196.91 | 0.0120 | 86,866 | 5,058 | 422,548 | 1,542,342 | 17.76 |
| 70-74 | 1,953.01 | 0.0195 | 81,808 | 7,639 | 391,224 | 1,119,794 | 13.69 |
| 75-79 | 3,254.46 | 0.0325 | 74,169 | 11,205 | 344,681 | 728,571 | 9.82 |
| 80-84 | 6,011.13 | 0.0601 | 62,964 | 16,513 | 97,412 | 383,890 | 6.10 |
| 85+ | 16,214.47 | 0.1621 | 46,451 | 46,451 | 286,478 | 286,478 | 6.17 |

Note:
Rates are per 100,000 population.
Life tables are calculated using 2009 resident mortality data.
Age-specific mid-year population estimates are from the GOPB.
Abridged Life Tables are calculated using the Reed-Merrill Method.

## Abridged life table for male population, residents: Utah, 2009

| Age Interval | Mortality rate | Proportion dying | Of 100,000 born alive | | Number of person-years lived | | Average remaining years |
|---|---|---|---|---|---|---|---|
| Period of life between two ages | Age-specific mortality rate per 100,000 population | Proportion of persons alive at beginning of interval dying during interval | Number living at beginning of age interval | Number dying during age interval | In the age interval | In this and all subsequent intervals | Number of years of life remaining at beginning of interval |
| 0 | 561.92 | 0.0056 | 100,000 | 533 | 99,614 | 7,687,962 | 76.88 |
| 1-4 | 27.48 | 0.0003 | 99,467 | 107 | 397,589 | 7,588,348 | 76.29 |
| 5-9 | 12.58 | 0.0001 | 99,360 | 62 | 496,626 | 7,190,759 | 72.37 |
| 10-14 | 14.43 | 0.0001 | 99,298 | 72 | 496,370 | 6,694,134 | 67.41 |
| 15-19 | 72.23 | 0.0007 | 99,226 | 358 | 495,323 | 6,197,763 | 62.46 |
| 20-24 | 99.45 | 0.0010 | 98,868 | 491 | 493,157 | 5,702,441 | 57.68 |
| 25-29 | 114.39 | 0.0011 | 98,378 | 561 | 490,523 | 5,209,284 | 52.95 |
| 30-34 | 138.05 | 0.0014 | 97,816 | 673 | 487,427 | 4,718,760 | 48.24 |
| 35-39 | 143.23 | 0.0014 | 97,143 | 693 | 484,066 | 4,231,333 | 43.56 |
| 40-44 | 222.74 | 0.0022 | 96,450 | 1,069 | 479,780 | 3,747,266 | 38.85 |
| 45-49 | 350.46 | 0.0035 | 95,381 | 1,658 | 472,976 | 3,267,487 | 34.26 |
| 50-54 | 451.61 | 0.0045 | 93,723 | 2,094 | 463,683 | 2,794,511 | 29.82 |
| 55-59 | 688.97 | 0.0069 | 91,629 | 3,107 | 450,821 | 2,330,828 | 25.44 |
| 60-64 | 976.06 | 0.0098 | 88,522 | 4,224 | 432,645 | 1,880,007 | 21.24 |
| 65-69 | 1,464.12 | 0.0146 | 84,298 | 5,967 | 407,441 | 1,447,362 | 17.17 |
| 70-74 | 2,261.61 | 0.0226 | 78,330 | 8,411 | 371,899 | 1,039,921 | 13.28 |
| 75-79 | 3,769.19 | 0.0377 | 69,919 | 12,092 | 320,980 | 668,021 | 9.55 |
| 80-84 | 6,469.08 | 0.0647 | 57,827 | 16,156 | 108,336 | 347,042 | 6.00 |
| 85+ | 17,457.33 | 0.1746 | 41,672 | 41,672 | 238,706 | 238,706 | 5.73 |

Note:
Rates are per 100,000 population.
Life tables are calculated using 2009 resident mortality data.
Age-specific mid-year population estimates are from the GOPB.
Abridged Life Tables are calculated using the Reed-Merrill Method.

## Abridged life table for female population, residents: Utah, 2009

| Age Interval | Mortality rate | Proportion dying | Of 100,000 born alive | | Number of person-years lived | | Average remaining years |
|---|---|---|---|---|---|---|---|
| Period of life between two ages | Age-specific mortality rate per 100,000 population | Proportion of persons alive at beginning of interval dying during interval | Number living at beginning of age interval | Number dying during age interval | In the age interval | In this and all subsequent intervals | Number of years of life remaining at beginning of interval |
| 0 | 490.55 | 0.0049 | 100,000 | 466 | 99,663 | 7,969,608 | 79.70 |
| 1-4 | 15.45 | 0.0002 | 99,534 | 60 | 397,986 | 7,869,945 | 79.07 |
| 5-9 | 12.39 | 0.0001 | 99,474 | 62 | 497,199 | 7,471,959 | 75.11 |
| 10-14 | 10.49 | 0.0001 | 99,413 | 52 | 496,956 | 6,974,759 | 70.16 |
| 15-19 | 35.19 | 0.0004 | 99,360 | 175 | 496,387 | 6,477,803 | 65.20 |
| 20-24 | 31.17 | 0.0003 | 99,186 | 154 | 495,558 | 5,981,416 | 60.31 |
| 25-29 | 50.07 | 0.0005 | 99,031 | 248 | 494,582 | 5,485,859 | 55.40 |
| 30-34 | 74.81 | 0.0007 | 98,784 | 369 | 493,048 | 4,991,276 | 50.53 |
| 35-39 | 100.81 | 0.0010 | 98,415 | 495 | 490,935 | 4,498,229 | 45.71 |
| 40-44 | 172.40 | 0.0017 | 97,920 | 841 | 487,613 | 4,007,293 | 40.92 |
| 45-49 | 217.29 | 0.0022 | 97,079 | 1,049 | 482,912 | 3,519,680 | 36.26 |
| 50-54 | 316.88 | 0.0032 | 96,030 | 1,510 | 476,621 | 3,036,768 | 31.62 |
| 55-59 | 479.81 | 0.0048 | 94,519 | 2,243 | 467,251 | 2,560,147 | 27.09 |
| 60-64 | 607.76 | 0.0061 | 92,277 | 2,765 | 454,865 | 2,092,897 | 22.68 |
| 65-69 | 946.00 | 0.0095 | 89,511 | 4,143 | 438,057 | 1,638,031 | 18.30 |
| 70-74 | 1,676.13 | 0.0168 | 85,368 | 6,885 | 410,926 | 1,199,974 | 14.06 |
| 75-79 | 2,817.36 | 0.0282 | 78,484 | 10,366 | 368,598 | 789,047 | 10.05 |
| 80-84 | 5,657.65 | 0.0566 | 68,117 | 16,948 | 90,432 | 420,450 | 6.17 |
| 85+ | 15,505.08 | 0.1551 | 51,170 | 51,170 | 330,018 | 330,018 | 6.45 |

Note:
Rates are per 100,000 population.
Life tables are calculated using 2009 resident mortality data.
Age-specific mid-year population estimates are from the GOPB.
Abridged Life Tables are calculated using the Reed-Merrill Method.

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