

**Utah Vital Statistics**  
**Births and Deaths**  
**2018**  
**Suppressed Data**





Utah Vital Statistics  
**Births and Deaths, 2018**  
Suppressed Data

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Mission: To provide a timely, accurate, and secure record of the vital events of the citizens of Utah.

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## Office of Vital Records and Statistics

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## **Executive Summary**

The 2018 edition of Utah Vital Statistics is the 42nd 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 2018. The primary purpose of this report is to make vital records data available for use by public health programs, health care providers, businesses, researchers, educational institutions, policymakers, and the Utah public. We hope these data help drive decision-making in both the public and private health sectors in Utah and help policymakers understand how their actions impact health outcomes for all Utahns.

Data are reported at the state, local health district, and county levels. The exception is Table A-23 which has birth and death data by community. Other data for small areas can be found by accessing the Department of Health's IBIS website at

<http://ibis.health.utah.gov/query/Index.html>.

The Summary and Reference sections are the two primary data resources in this report. The Summary section contains populations, rates, and trend data dating back to 1940 in some cases. The Reference section contains detailed birth and death data for 2018. Following the Reference section are two Technical Appendices which provide technical notes on sources, quality and limitations of data, sample copies of the forms used for collecting vital records data, and Life Tables.

### **Of Interest to Note:**

- The rise or fall in a raw number can often be associated with the rise or fall in population so it is important to look at the rate per 1,000 population.
- There were 47,211 resident births with a birth rate of 14.9 per 1,000 population in 2018.
- The year with the highest number of resident births was 2008 with 55,605. However, the highest birth rate since 1950 was in 1950 with a birth rate of 30.5 per 1,000 population.
- The birth rate in Utah has been declining since 2007 when it was 21.2. In 2018, Utah hit an all-time low at 14.9 births per 1,000 population.
- The overall trend in the number of resident deaths shows a slight increase each year and 2018 was no exception when there were 18,366 resident deaths in Utah. The overall trend for the death rate shows a slight downward trend but over the last 10 years there has been a slight change in the death rate. in 2009 Utah had the lowest death rate (5.1) recorded in this report. The death rate then increased to 5.8 deaths per 1,000 population in 2015. Since 2015 the death rate has hovered at 5.8 with a slight uptick to 5.9 in 2016 and a return to 5.8 in 2017 and 2018.

The tables in this report are often packed full of data. For example, Table A2 displays births in each health district and county. This same table also breaks births down by gender, plurality, and birth order. There is so much information in this table. To illustrate, have you ever wondered what percentage of babies are born to unmarried mothers in Utah or what age category of unmarried women has the most babies born during the year? You can calculate those answers using the information from the tables. Of the 47,211 births in 2018 total, 9,091 babies were born to unmarried mothers. 9,091 divided by 47,211 is .19 or 19%. And the category of unmarried mothers age 20-24 had 3,026 babies. The number of babies in any age category only tells part of the story. There were 9,890 births to women who were 20-24 years of age. Using a simple calculation (3,026/9,890) we learn that 30% of the Utah mothers age 20-24 who gave birth in 2018 were unmarried. That same calculation for Utah mothers age 15-19 (1,317/1,601) show 82% of women giving birth in that age category were unmarried. This report is full of information, such as this, that can lead to a better understanding of the population of Utah and the vital event experiences of that population. I hope you find it not only helpful but also fascinating.

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

Users of Utah's Vital Statistics are encouraged to contact the Office of Vital Records and Statistics with suggestions to improve future editions.

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*2018 Summary Tables:*

**Births and Deaths**  
Suppressed Data



**Table 1. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments: Utah residents, 1940-2018**

Year	Mid-year population 1-Jul	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	--	464	288	8,194	2,659
1964	978,000	23,844	6,404	--	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	--	383	241	10,220	3,288
1968	1,029,000	23,193	6,882	--	410	240	11,558	3,390
1969	1,047,000	24,232	6,791	--	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	--	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	--	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	--	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	--	435	302	17,079	7,957
1981	1,515,000	41,286	8,263	--	403	316	18,346	8,259
1982	1,558,000	41,537	8,502	6	457	272	18,427	8,413
1983	1,595,000	39,441	8,484	--	344	270	18,429	8,559
1984	1,622,000	38,286	8,944	6	350	263	17,990	8,295
1985	1,643,001	37,441	9,044	6	361	263	17,521	8,871
1986	1,663,000	36,383	8,886	--	310	238	17,134	8,610
1987	1,678,000	35,285	9,055	--	312	252	16,759	9,012
1988	1,690,000	36,040	9,185	0	287	190	17,376	8,079
1989	1,706,000	35,558	9,223	--	285	209	18,598	8,110
1990	1,729,227	36,253	9,125	--	269	166	19,427	8,950

**Table 1 continued. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments: Utah residents, 1940-2018**

Year	Mid-year population 1-Jul	Births	Deaths	Maternal deaths	Infant mortality	Fetal deaths	Marriages	Divorces and annulments
1991	1,780,873	36,019	9,576	--	222	189	19,472	8,800
1992	1,838,148	37,198	9,713	7	221	239	19,983	9,406
1993	1,889,391	37,048	10,393	--	222	203	20,181	8,794
1994	1,946,717	38,271	10,410	--	234	202	20,926	8,977
1995	1,995,221	39,554	10,854	--	206	225	21,469	8,857
1996	2,042,889	42,056	10,974	--	250	242	22,578	8,789
1997	2,099,404	43,009	11,545	--	249	210	22,900	9,065
1998	2,141,619	45,128	11,784	--	257	199	22,612	8,851
1999	2,193,006	46,243	11,981	5	221	200	24,104	9,415
2000	2,244,502	47,331	12,339	5	244	247	23,896	10,078
2001	2,283,715	47,915	12,607	6	232	233	24,980	10,306
2002	2,324,815	49,140	13,042	--	270	246	24,122	10,264
2003	2,360,137	49,834	13,341	5	248	242	24,090	10,570
2004	2,401,580	50,653	13,270	--	262	265	23,796	10,519
2005	2,457,719	51,517	13,325	5	231	260	24,109	10,769
2006	2,525,507	53,475	13,645	9	269	245	24,755	10,620
2007	2,597,746	55,063	13,988	11	284	257	24,051	10,526
2008	2,663,029	55,605	13,920	6	264	310	23,888	11,010
2009	2,723,421	53,849	14,010	6	285	297	23,225	11,200
2010	2,775,332	52,164	14,647	9	251	295	23,612	11,287
2011	2,814,384	51,144	15,156	8	282	278	24,135	11,610
2012	2,853,375	51,439	15,530	8	248	264	24,438	10,838
2013	2,897,640	50,913	16,243	16	262	296	23,493	10,406
2014	2,936,879	51,164	16,656	12	251	273	22,052	10,424
2015	2,981,835	50,776	17,263	14	257	280	24,185	11,247
2016	3,041,868	50,486	17,816	7	273	297	27,431	11,155
2017	3,101,042	48,578	18,039	10	282	251	27,050	11,065
2018	3,153,550	47,211	18,366	9	255	316	26,898	11,997

Numbers may not add to total due to missing data.

Divorce numbers for data years 2000-2018 reflect events in the year the decree is granted in the State of Utah; data source, [utcourts.gov](http://utcourts.gov). Divorce numbers for prior data years were collected by the Office of Vital Records.

The IBIS population dataset was last updated on: Thu, 24 Sep 2020 11:34:12 MDT

The population data were queried on: Thu, 17 Dec 2020 10:19:04 MST

**Table 2. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates, and spontaneous fetal death ratios: Utah and United States residents, 1950 and 1960-2018**

Year	Birth		Death		Natural increase		Infant mortality		Fetal death		Marriage		Divorce and annulment	
	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	5.8	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	7.0	4.3	6.7	11.0	8.3	4.3	4.2
2000	21.1	14.4	5.5	8.5	15.6	5.9	5.2	6.9	5.2	6.6	10.6	8.2	4.5	4.0
2001	21.0	14.1	5.5	8.5	15.5	5.6	4.8	6.8	4.9	6.5	10.9	8.2	4.5	4.0
2002	21.1	14.0	5.6	8.5	15.5	5.5	5.5	7.0	5.0	6.4	10.4	8.0	4.4	3.9
2003	21.1	14.1	5.7	8.4	15.5	5.7	5.0	6.8	4.9	6.3	10.2	7.7	4.5	3.8
2004	21.1	14.0	5.5	8.2	15.6	5.8	5.2	6.8	5.2	6.3	9.9	7.8	4.4	3.7
2005	21.0	14.0	5.4	8.3	15.5	5.7	4.5	6.9	5.0	6.2	9.8	7.6	4.4	3.6
2006	21.2	14.3	5.4	8.1	15.8	6.2	5.0	6.7	4.6	6.1	9.8	7.5	4.2	3.7
2007	21.2	14.3	5.4	8.0	15.8	6.3	5.2	6.8	4.7	6.1	9.3	7.3	4.1	3.6
2008	20.9	14.0	5.2	8.1	15.7	5.9	4.7	6.6	5.6	6.2	9.0	7.1	4.1	3.5
2009	19.8	13.5	5.1	7.9	14.6	5.6	5.3	6.4	5.5	6.0	8.5	6.8	4.1	3.5
2010	18.8	13.0	5.3	8.0	13.5	5.0	4.8	6.1	5.7	6.0	8.5	6.8	4.1	3.7

**Table 2 continued. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates, and spontaneous fetal death ratios: Utah and United States residents, 1950 and 1960-2018**

Year	Birth		Death		Natural increase		Infant mortality		Fetal death		Marriage		Divorce and annulment	
	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.
2011	18.2	12.7	5.4	8.1	12.8	4.6	5.5	6.1	5.4	6.1	8.6	6.8	4.1	3.7
2012	18.0	12.6	5.4	8.1	12.6	4.5	4.8	6.0	5.1	6.1	8.6	6.8	3.8	3.4
2013	17.6	12.4	5.6	8.2	12.0	4.2	5.2	6.0	5.8	6.0	8.1	6.8	3.6	3.2
2014	17.4	12.5	5.7	8.2	11.7	4.3	4.9	5.8	5.3	6.0	7.5	6.9	3.5	3.5
2015	17.0	12.4	5.8	8.4	11.2	4.0	5.1	5.9	5.5	5.9	8.1	6.9	3.8	3.8
2016	16.6	12.2	5.9	8.5	10.7	3.7	5.4	5.9	5.9	5.9	9.0	7.0	3.7	3.7
2017	15.7	11.8	5.8	8.6	9.9	3.2	5.8	5.8	5.2	5.9	8.7	6.9	3.6	3.6
2018	15.0	11.6	5.8	8.7	9.2	2.9	5.4	5.7	6.7	N.A.	8.5	6.5	3.8	3.8

Rates for births, deaths, marriages, and divorces are per 1,000 population.

Rates for natural increase are birth rates minus death rates.

Rates for infant mortality and ratios for spontaneous fetal deaths are per 1,000 live births.

Divorce rates are based on numbers for data years 2000-2018 reflect events in the year the decree is granted in the State of Utah; data source, [utcourts.gov](http://utcourts.gov). Divorce rates for prior data years are based on numbers collected by the Office of Vital Records.

Utah IBIS-PH Query System Population Estimates. Retrieved on Thu, 17 Dec 2020 from Utah Department of Health, Center for Health Data and Informatics, Indicator-Based Information System for Public Health website: <https://ibis.health.utah.gov/ibisp-ph-view/query/PopEst.html>.

Joyce A. Martin, M.P.H., et al. Births: Final Data for 2018; Table 1. Births and birth rates: United States, 2010-2018, and by race and Hispanic origin, United States, 2016-2018; National Vital Statistics Reports, Vol. 68, No. 13; Hyattsville, MD: National Center for Health Statistics; November 27, 2019.

Sherry L. Murphy, B.S., et al; Deaths: Final Data for 2018; Table 5. Death rates by age, and age-adjusted death rates, for the 10 leading causes of death in 2018, dementia-related causes, drug-induced causes, alcohol-induced causes, and injury by firearms: United States, 1999-2018; National Vital Statistics Reports, Vol. 69, No. 13; Hyattsville, MD: National Center for Health Statistics; January 12, 2021.

Kenneth D. Kochanek, M.A., et al; Deaths: Final Data for 2017; Table 1. Number of deaths, death rates, and age-adjusted death rates, by race and Hispanic origin and sex: United States, 1940, 1950, 1960, 1970, 1980, 1990, 2000, and 2010-2017; National Vital Statistics Reports, Vol. 68, No. 9, June 24, 2019; Hyattsville, MD: National Center for Health Statistics; June 2019.

Danielle M. Ely, Ph.D., et al. Deaths: Infant Mortality in the United States, 2018: Data from the period linked birth/infant death file; Table 1. Live births, infant, neonatal, and postneonatal deaths and mortality rates: United States, 1995-2018, and by race and Hispanic origin, 2017-2018; National Vital Statistics Reports, Vol. 69, No. 7; Hyattsville, MD: National Center for Health Statistics; July 16, 2020. Kenneth D. Kochanek, M.A., et al. Deaths: Final Data for 2017; Table 13. Infant, neonatal, and postneonatal mortality rates, by race and Hispanic origin and sex: United States, 1940, 1950, 1960, 1970, 1980, 1990, 2000-2017; National Vital Statistics Reports, Vol. 68, No. 9; Hyattsville, MD: National Center for Health Statistics; June 24, 2019.

SOURCE: NCHS, National Vital Statistics System, Fetal Death, Cause-of-death Data From the Fetal Death File, 2015-2017; Table.

Number and rate of fetal mortality: 35 areas, 2015-2017; National Vital Statistics Reports, Vol. 69, No. 4; Hyattsville, MD: National Center for Health Statistics; April 15, 2020.

Source: CDC/NCHS National Vital Statistics System. National marriage and divorce rate trends (pdf - 47KB) at <https://www.cdc.gov/nchs/data/dvs/national-marriage-divorce-rates-00-18.pdf>.

Provisional number of marriages and marriage rate: United States, 2000-2018

Provisional number of divorces and annulments and rate: United States, 2000-2018

**Table 3. Statistical summary, estimated midyear population, births, deaths, infant mortality, fetal deaths, and abortions by local health district and county: Utah residents, 2018**

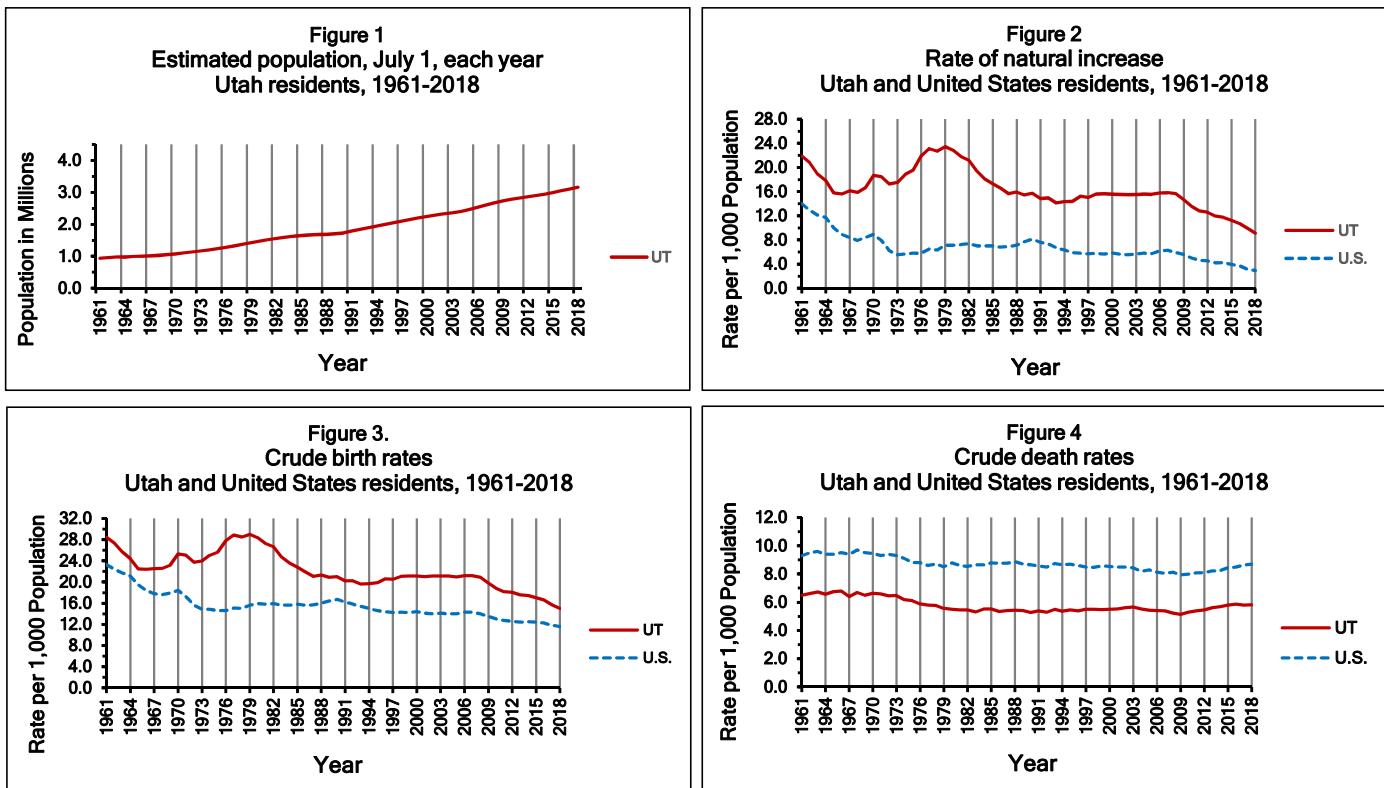
Health district and county	2018 Mid-yr Jul 1 population	Births		Deaths		Age-adjusted rate	Infant mortality		Fetal deaths		Abortions	
		Number	Rate	Number	Rate		Number	Rate	Number	Ratio	Number	Rate
Total	3,153,550	47,211	15.0	18,366	5.8	695.00	255	5.4	316	6.7	2,895	61.3
Bear River	183,762	2,934	16.0	1,020	5.6	678.78	6	2.0	18	6.1	104	35.4
Box Elder	54,906	789	14.4	404	7.4	756.99	--	--	5	--	36	45.6
Cache	126,400	2,114	16.7	603	4.8	645.11	--	--	13	6.1	67	31.7
Rich	2,456	31	12.6	13	5.3	440.39	0	--	0	0.0	--	--
Central Utah	80,725	1,055	13.1	624	7.7	717.94	5	4.7	6	--	29	27.5
Juab	11,629	189	16.3	70	6.0	722.25	--	--	--	--	6	--
Millard	12,987	168	12.9	98	7.5	598.72	0	--	--	--	--	--
Piute	1,438	21	14.6	27	18.8	1,031.49	0	--	0	--	--	--
Sanpete	30,503	366	12.0	199	6.5	668.23	--	--	--	--	14	38.3
Sevier	21,497	285	13.3	203	9.4	830.63	--	--	0	--	--	--
Wayne	2,671	26	9.7	27	10.1	813.59	0	--	0	--	--	--
Davis	351,101	5,302	15.1	1,875	5.3	697.01	36	6.8	36	6.8	234	44.1
Salt Lake	1,148,692	16,036	14.0	6,814	5.9	709.31	104	6.5	114	7.1	1,660	103.5
San Juan	15,358	182	11.9	126	8.2	798.84	--	--	--	--	--	--
Southeastern	39,922	476	11.9	409	10.2	857.11	--	--	7	14.7	21	44.1
Carbon	20,233	255	12.6	213	10.5	886.17	0	--	--	--	9	35.3
Emery	10,003	121	12.1	103	10.3	863.13	0	--	--	--	5	--
Grand	9,686	100	10.3	93	9.6	802.55	--	--	--	--	7	70.0
Southwest	243,549	3,211	13.2	1,987	8.2	626.91	--	--	24	7.5	32	10.0
Beaver	6,625	114	17.2	67	10.1	1,061.00	0	--	0	--	--	--
Garfield	5,002	54	10.8	67	13.4	950.99	--	--	0	--	--	--
Iron	52,678	790	15.0	334	6.3	720.56	7	8.9	--	--	9	11.4
Kane	7,677	78	10.2	81	10.6	853.62	0	--	0	--	0	--
Washington	171,567	2,175	12.7	1,438	8.4	585.28	8	3.7	20	9.2	17	7.8
Summit	41,890	405	9.7	149	3.6	451.77	0	--	--	--	63	155.6
Tooele	69,989	956	13.7	382	5.5	753.29	5	--	9	9.4	58	60.7
TriCounty	56,322	937	16.6	408	7.2	819.21	6	--	--	--	30	32.0
Daggett	974	7	7.2	8	8.2	457.98	0	--	0	--	--	--
Duchesne	19,943	374	18.8	149	7.5	828.44	0	--	0	--	6	--
Uintah	35,405	556	15.7	251	7.1	832.96	6	--	--	--	23	61.5
Utah County	621,520	11,515	18.5	2,599	4.2	684.47	56	4.9	69	6.0	374	32.5
Wasatch	33,067	435	13.2	146	4.4	605.59	--	--	--	--	29	66.7
Weber-Morgan	267,653	3,767	14.1	1,827	6.8	771.31	16	4.2	23	6.1	255	67.7
Morgan	11,956	130	10.9	67	5.6	713.78	--	--	2	--	4	--
Weber	255,697	3,637	14.2	1,760	6.9	774.95	15	4.1	21	5.8	251	69.0

Numbers may not add to total due to missing data.

Crude rates for births and deaths are per 1,000 population.

Rates for infant mortality, ratios for fetal deaths, and rates for abortions are per 1,000 live births.

Age-adjusted death rates are age-adjusted to the 2000 U.S. standard population.



**Table 4. Births by local health district and county: Utah residents, 1980, 1990, 2000 and 2005-2018**

Health district and county	Year																	
	1980	1990	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Total</b>	41,786	36,253	47,331	51,517	53,475	55,063	55,605	53,849	52,164	51,144	51,439	50,913	51,164	50,776	50,486	48,578	47,211	
<b>Bear River</b>	2,775	2,430	2,972	3,302	3,385	3,379	3,513	3,518	3,332	3,326	3,341	3,207	3,261	3,291	3,182	3,037	2,934	
<b>Box Elder</b>	902	715	776	876	919	948	960	961	894	863	885	831	885	894	864	809	789	
<b>Cache</b>	1,805	1,687	2,169	2,393	2,429	2,400	2,513	2,516	2,399	2,418	2,424	2,354	2,337	2,365	2,286	2,194	2,114	
<b>Rich</b>	68	28	27	33	37	31	40	41	39	45	32	22	39	32	32	34	31	
<b>Central Utah</b>	1,322	926	1,123	1,174	1,213	1,217	1,281	1,228	1,204	1,119	1,099	1,073	1,135	1,146	1,102	1,158	1,055	
<b>Juab</b>	151	105	177	174	175	193	229	210	182	191	185	175	171	200	184	204	189	
<b>Millard</b>	267	230	183	169	192	211	205	218	197	184	197	184	190	211	199	207	168	
<b>Plute</b>	34	14	17	17	19	14	22	17	15	14	10	16	16	11	12	8	21	
<b>Sanpete</b>	389	297	367	430	414	406	443	393	422	377	424	372	386	378	387	376	366	
<b>Sevier</b>	424	250	333	359	374	359	336	363	348	320	260	293	341	307	296	331	285	
<b>Wayne</b>	57	30	46	25	39	34	46	27	40	33	23	33	31	39	24	32	26	
<b>Davis</b>	4,083	3,871	4,835	5,666	6,037	6,159	6,202	6,071	5,804	5,704	5,856	5,736	5,783	5,881	5,702	5,480	5,302	
<b>Salt Lake</b>	16,577	14,914	18,333	18,680	19,158	19,546	19,591	18,714	18,234	17,831	17,907	18,033	17,886	17,393	17,603	16,746	16,036	
<b>San Juan</b>	352	330	234	232	236	216	225	262	223	214	267	256	236	248	239	188	182	
<b>Southeastern</b>	1,233	583	584	591	621	642	641	629	635	654	587	599	504	573	448	431	476	
<b>Carbon</b>	615	289	301	292	307	327	324	322	316	333	318	307	265	288	229	211	255	
<b>Emery</b>	421	185	172	179	179	192	192	175	174	185	153	155	129	143	122	107	121	
<b>Grand</b>	197	109	111	120	135	123	125	132	145	136	116	137	110	142	97	113	100	
<b>Southwest</b>	1,594	1,578	2,857	3,644	3,949	4,022	3,974	3,645	3,661	3,307	3,294	3,212	3,314	3,307	3,301	3,263	3,211	
<b>Beaver</b>	123	70	114	109	97	121	132	131	139	109	119	108	96	110	105	101	114	
<b>Garfield</b>	100	48	58	70	75	65	62	58	63	65	69	57	61	48	63	60	54	
<b>Iron</b>	507	427	771	920	926	997	969	888	902	867	849	799	828	888	828	822	790	
<b>Kane</b>	104	95	100	91	95	83	94	90	81	88	83	77	75	88	87	79	78	
<b>Washington</b>	760	938	1,814	2,454	2,756	2,756	2,717	2,478	2,476	2,178	2,174	2,171	2,254	2,173	2,218	2,201	2,175	
<b>Summit</b>	256	269	473	523	545	595	506	562	446	452	433	418	420	431	439	420	405	
<b>Tooele</b>	632	506	955	1,057	1,099	1,144	1,099	1,099	989	1,019	990	969	993	940	973	983	956	
<b>TriCounty</b>	1,107	703	753	858	962	1,069	1,078	1,167	1,019	1,112	1,139	1,143	1,220	1,106	1,009	877	937	
<b>Daggett</b>	27	15	16	5	13	9	11	12	16	12	8	12	12	10	7	6	7	
<b>Duchesne</b>	418	255	282	299	341	385	422	433	408	419	441	421	451	430	359	334	374	
<b>Uintah</b>	662	433	455	554	608	675	645	722	595	681	690	710	757	666	643	537	556	
<b>Utah County</b>	7,838	6,751	9,864	11,314	11,726	12,284	12,506	12,168	12,005	11,894	12,018	11,849	11,933	11,941	11,974	11,617	11,515	
<b>Wasatch</b>	268	181	310	365	393	408	433	389	380	357	397	413	474	431	471	449	435	
<b>Weber-Morgan</b>	3,749	3,211	4,038	4,111	4,151	4,382	4,556	4,397	4,232	4,155	4,111	4,005	4,005	4,088	4,043	3,927	3,767	
<b>Morgan</b>	117	93	98	130	140	159	145	177	154	147	155	171	159	168	166	163	130	
<b>Weber</b>	3,632	3,118	3,940	3,981	4,011	4,223	4,411	4,220	4,078	4,008	3,956	3,834	3,846	3,920	3,877	3,764	3,637	

**Table 5. Population mid-year July 1 estimates by local health district and county: Utah residents 2010-2018**

Health district and county	Year								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Total</b>	2,775,332	2,814,384	2,853,375	2,897,640	2,936,879	2,981,835	3,041,868	3,101,042	3,153,550
<b>Bear River</b>	165,815	167,314	168,353	170,015	171,467	173,823	177,489	180,608	183,762
<b>Box Elder</b>	50,175	50,239	50,201	50,727	51,300	51,826	52,975	53,977	54,906
<b>Cache</b>	113,386	114,781	115,895	117,025	117,894	119,697	122,201	124,236	126,400
<b>Rich</b>	2,254	2,294	2,257	2,263	2,273	2,300	2,313	2,395	2,456
<b>Central Utah</b>	75,880	75,997	75,584	75,891	76,142	76,864	78,164	79,436	80,725
<b>Juab</b>	10,264	10,313	10,295	10,261	10,410	10,551	11,016	11,293	11,629
<b>Millard</b>	12,541	12,570	12,468	12,555	12,538	12,620	12,655	12,821	12,987
<b>Piute</b>	1,565	1,499	1,497	1,488	1,467	1,491	1,459	1,407	1,438
<b>Sanpete</b>	27,940	28,003	27,961	28,128	28,297	28,654	29,232	29,921	30,503
<b>Sevier</b>	20,798	20,870	20,658	20,747	20,735	20,858	21,131	21,292	21,497
<b>Wayne</b>	2,772	2,742	2,705	2,712	2,695	2,690	2,671	2,702	2,671
<b>Davis</b>	307,910	311,852	315,926	322,228	328,714	334,597	341,000	346,658	351,101
<b>Salt Lake</b>	1,032,976	1,047,610	1,063,956	1,079,392	1,090,005	1,102,273	1,120,109	1,136,719	1,148,692
<b>San Juan</b>	14,824	14,839	15,037	14,988	15,058	15,239	15,329	15,277	15,358
<b>Southeastern</b>	41,720	41,588	41,519	41,038	40,755	40,301	40,152	39,726	39,922
<b>Carbon</b>	21,403	21,305	21,222	20,903	20,636	20,391	20,324	20,131	20,233
<b>Emery</b>	11,005	10,985	10,939	10,759	10,638	10,359	10,206	10,006	10,003
<b>Grand</b>	9,312	9,298	9,358	9,376	9,481	9,551	9,622	9,589	9,686
<b>Southwest</b>	203,717	206,874	209,521	212,127	216,726	221,117	227,755	235,656	243,549
<b>Beaver</b>	6,655	6,559	6,500	6,457	6,432	6,353	6,478	6,421	6,625
<b>Garfield</b>	5,197	5,149	5,063	5,029	5,005	4,962	4,952	5,025	5,002
<b>Iron</b>	46,263	46,622	46,646	46,530	47,041	48,113	49,676	50,761	52,678
<b>Kane</b>	7,213	7,295	7,173	7,124	7,167	7,039	7,297	7,520	7,677
<b>Washington</b>	138,389	141,249	144,139	146,987	151,081	154,650	159,352	165,929	171,567
<b>Summit</b>	36,500	37,421	37,864	38,420	39,113	39,640	40,512	41,330	41,890
<b>Tooele</b>	58,502	59,190	59,792	60,633	61,442	62,639	64,612	67,486	69,989
<b>TriCounty</b>	52,191	53,103	54,736	56,782	58,241	59,646	57,582	56,109	56,322
<b>Daggett</b>	1,077	1,162	1,095	1,140	1,124	1,107	1,076	1,013	974
<b>Duchesne</b>	18,647	18,700	19,000	19,960	20,199	20,748	20,242	19,868	19,943
<b>Uintah</b>	32,467	33,241	34,641	35,682	36,918	37,791	36,264	35,228	35,405
<b>Utah County</b>	519,998	530,688	539,685	551,273	560,649	572,667	590,288	606,742	621,520
<b>Wasatch</b>	23,644	24,408	25,344	26,584	27,814	29,118	30,375	31,890	33,067
<b>Weber-Morgan</b>	241,655	243,500	246,058	248,269	250,753	253,911	258,501	263,405	267,653
<b>Morgan</b>	9,522	9,653	9,807	10,207	10,601	11,039	11,370	11,829	11,956
<b>Weber</b>	232,133	233,847	236,251	238,062	240,152	242,872	247,131	251,576	255,697

Utah IBIS-PH Query System Population Estimates. Retrieved on Thu, 17 Dec 2020 from Utah Department of Health, Center for Health Data and Informatics, Indicator-Based Information System for Public Health website: <https://ibis.health.utah.gov/ibisph-view/query/PopEst.html>.

**Table 6. Population density by total area and by land area (frontier, rural, and urban) and county: Utah residents, 2018**

Total area by county	Total area in square miles	Land area in square miles	Population 1-Jul 2018 Mid-year	Population density for total area per sq mi	Population density for land area per sq mi
<b>Total</b>	84,896.88	82,169.62	3,153,550	37.15	38.38
<b>Frontier</b>	46,526.84	42,618.01	86,506	1.86	2.03
<b>Rural</b>	34,125.23	34,766.21	563,634	16.52	16.21
<b>Urban</b>	4,244.83	4,785.40	2,503,410	589.76	523.13
<b>Frontier</b>	46,526.84	42,618.01	86,506	1.86	2.03
<b>Garfield</b>	5,208.25	5,175.12	5,002	0.96	0.97
<b>Wayne</b>	2,466.49	2,460.68	2,671	1.08	1.09
<b>Daggett</b>	720.71	696.98	974	1.35	1.40
<b>Kane</b>	4,108.52	3,990.23	7,677	1.87	1.92
<b>Millard</b>	6,827.89	6,572.43	12,987	1.90	1.98
<b>Piute</b>	765.72	757.79	1,438	1.88	1.90
<b>San Juan</b>	7,933.15	7,819.99	15,358	1.94	1.96
<b>Emery</b>	4,471.81	4,462.31	10,003	2.24	2.24
<b>Rich</b>	1,086.36	1,028.78	2,456	2.26	2.39
<b>Beaver</b>	2,591.94	2,589.88	6,625	2.56	2.56
<b>Grand</b>	3,683.68	3,671.54	9,686	2.63	2.64
<b>Juab</b>	3,406.40	3,392.28	11,629	3.41	3.43
<b>Rural</b>	34,125.23	34,766.21	563,634	16.52	16.21
<b>Duchesne</b>	3,255.92	3,240.95	19,943	6.13	6.15
<b>Uintah</b>	4,501.39	4,479.69	35,405	7.87	7.90
<b>Box Elder</b>	6,729.32	5,745.55	54,906	8.16	9.56
<b>Tooele</b>	7,286.08	6,941.35	69,989	9.61	10.08
<b>Sevier</b>	1,918.40	1,910.58	21,497	11.21	11.25
<b>Carbon</b>	1,484.58	1,478.49	20,233	13.63	13.68
<b>Iron</b>	3,301.08	3,296.68	52,678	15.96	15.98
<b>Sanpete</b>	1,602.54	1,590.15	30,503	19.03	19.18
<b>Morgan</b>	610.91	609.20	11,956	19.57	19.63
<b>Summit</b>	1,881.97	1,871.71	41,890	22.26	22.38
<b>Wasatch</b>	1,205.99	1,175.50	33,067	27.42	28.13
<b>Washington</b>	2,429.95	2,426.36	171,567	70.61	70.71
<b>Urban</b>	4,244.83	4,785.40	2,503,410	589.76	523.13
<b>Cache</b>	1,173.02	1,164.81	126,400	107.76	108.52
<b>Utah County</b>	2,144.11	2,003.45	621,520	289.87	310.22
<b>Weber</b>	659.39	576.08	255,697	387.78	443.86
<b>Davis</b>	633.96	298.78	351,101	553.82	1,175.12
<b>Salt Lake</b>	807.37	742.28	1,148,692	1,422.76	1,547.52

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.

Utah IBIS-PH Query System Population Estimates. Retrieved on Thu, 17 Dec 2020 from Utah Department of Health, Center for Health Data and Informatics, Indicator-Based Information System for Public Health website: <https://ibis.health.utah.gov/ibisp-ph-view/query/PopEst.html>.

United States Census Bureau; Geography: Land area in square miles, 2010; QuickFacts for all states and counties, and for cities and towns with a population of 5,000 or more; download June 26, 2020.

**Table 7. Population, births, and deaths by land area: Utah residents, 2018**

Land Areas	Estimated population July 1, 2018	Births			Deaths		Age-adjusted rate
		Number	Rate	Number	Rate		
Total	3,153,550	47,211	15.0	18,366	5.8	695.0	
Frontier	86,506	1,091	12.6	780	9.0	776.7	
Rural	563,634	7,516	13.3	3,935	7.0	658.1	
Urban	2,503,410	38,604	15.4	13,651	5.5	705.9	

Numbers may not add to total due to missing data.

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 are age-adjusted to the 2000 U.S. standard population.

Age-adjusted death rates are from the Data Queries from the Data Portal from the Public Health Indicator Based

Information System (IBIS) at <https://ibis.health.utah.gov/ibisph-view/query/builder/mort/MortCntyICD10/AgeRate.html>.

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 post-neonatal by land area: Utah residents, 2018**

Land Areas	Total		Neonatal deaths (0-27 days)		Post-neonatal deaths (28-364 days)		Rate
	Number	Rate	Number	Rate	Number	Rate	
Total	255	5.4	236	5.0	18	0.4	
Frontier	7	6.4	7	6.4	0	--	
Rural	34	4.5	33	4.4	--	--	
Urban	214	5.5	196	5.1	17	0.4	

Note: Numbers may not add to total due to missing data.

Rates for infant deaths, neonatal, and post-neonatal 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: Utah residents, 2018**

Land Areas	Fetal deaths		Low birthweight <2,500 grams		Unmarried mothers		Induced abortions	
	Number	Ratio	Number	Rate	Number	Rate	Number	Rate
Total	316	6.7	3,403	72.1	9,091	192.6	2,895	61.3
Frontier	7	6.4	70	64.2	259	237.4	35	32.1
Rural	56	7.5	579	77.0	1,620	215.5	270	35.9
Urban	253	6.6	2,754	71.3	7,212	186.8	2,586	67.0

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, females 15-44 years of age: Utah and United States residents, 1980, 1985, and 1990-2018**

Year	Mid-year July 1 female population ages 15-44	Utah			U. S.			
		Live births	Total General fertility rate	Percent change	Total General fertility rate	Percent change	General fertility rate	
1980	342,817	41,786	121.9	-2.8	68.4	1.8	65.6	3.5
1985	385,335	37,441	97.2	-3.6	66.3	1.2	64.1	1.4
1990	395,807	36,253	91.6	1.1	70.9	2.5	68.3	2.9
1991	411,839	36,019	87.5	-4.5	69.3	-2.3	66.7	-2.3
1992	428,353	37,198	86.8	-0.7	68.4	-1.3	66.1	-0.9
1993	443,618	37,048	83.5	-3.8	67.0	-2.0	64.9	-1.8
1994	460,914	38,271	83.0	-0.6	65.9	-1.6	64.2	-1.1
1995	475,165	39,554	83.2	0.3	64.6	-2.0	63.6	-0.9
1996	488,404	42,056	86.1	3.4	64.1	-0.8	63.3	-0.5
1997	502,401	43,009	85.6	-0.6	63.6	-0.8	62.8	-0.8
1998	510,715	45,128	88.4	3.2	64.3	1.1	63.6	1.3
1999	520,259	46,243	88.9	0.6	64.4	0.2	64.0	0.6
2000	528,769	47,331	89.5	0.7	65.9	2.3	65.3	2.0
2001	534,884	47,915	89.6	0.1	65.1	-1.2	65.0	-0.5
2002	540,124	49,140	91.0	1.6	65.0	-0.2	65.1	0.2
2003	543,155	49,834	91.7	0.8	66.1	1.7	66.4	2.0
2004	547,780	50,653	92.5	0.8	66.4	0.5	66.5	0.2
2005	555,517	51,517	92.7	0.3	66.7	0.5	66.8	0.5
2006	564,615	53,475	94.7	2.1	68.6	2.8	68.7	2.8
2007	576,269	55,063	95.6	0.9	69.3	1.0	69.4	1.0
2008	586,879	55,605	94.7	-0.8	68.1	-1.7	68.3	-1.6
2009	596,032	53,849	90.3	-4.6	66.2	-2.8	66.4	-2.8
2010	604,166	52,164	86.3	-4.4	64.1	-3.2	64.4	-3.0
2011	611,630	51,144	83.6	-3.2	63.2	1.4	63.4	-1.6
2012	619,759	51,439	83.0	-0.7	63.0	0.3	63.0	-0.6
2013	629,393	50,913	80.9	-2.5	62.5	0.8	62.7	-0.5
2014	637,395	51,164	80.3	-0.8	62.9	-0.6	63.2	0.8
2015	646,783	50,776	78.5	-2.2	62.5	-0.6	63.1	-0.2
2016	660,765	50,486	76.4	-2.7	62.0	-0.8	58.8	-6.8
2017	675,399	48,578	71.9	-5.9	60.3	-2.7	57.2	-2.7
2018	688,831	47,211	68.5	-4.7	59.1	-2.0	56.3	-1.6

General fertility rates are the number of live births per 1,000 females 15-44 years of age.

Utah IBIS-PH Query System Population Estimates. Retrieved on Thu, 17 Dec 2020 from Utah Department of Health, Center for Health Data and Informatics, Indicator-Based Information System for Public Health website: <https://ibis.health.utah.gov/ibisph-view/query/PopEst.html>.

Births: Final Data for 2018. Table 1. Births and birth rates: United States, 2010-2018, and by race and Hispanic origin, United States, 2016-2018. National Vital Statistics Reports, Vol. 68, No. 13, November 27, 2019. Hyattsville, MD: National Center for Health Statistics; [https://www.cdc.gov/nchs/data/nvsr/nvsr68/nvsr68\\_13-508.pdf](https://www.cdc.gov/nchs/data/nvsr/nvsr68/nvsr68_13-508.pdf).

Births: Final Data for 2015. Table 1. Births and birth rates, by race: United States, specified years 1940–1955 and each year, 1960–2015. National Vital Statistics Reports, Vol. 66, No. 1, January 5, 2017. Hyattsville, MD: National Center for Health Statistics. 2016. [https://www.cdc.gov/nchs/data/nvsr/nvsr66/nvsr66\\_01.pdf](https://www.cdc.gov/nchs/data/nvsr/nvsr66/nvsr66_01.pdf).

**Table 11. Sex ratios, number of male births per 100 female births:  
Utah and United States residents, 1960, 1965, 1970, 1975, and  
1980-2018**

Year	Birth sex ratio	
	Utah residents	U.S. residents
1960	105.1	104.9
1965	105.7	105.1
1970	106.2	105.5
1975	104.5	105.4
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	104.8
2009	104.7	104.8
2010	106.0	104.8
2011	105.5	104.9
2012	106.2	104.7
2013	106.3	104.9
2014	105.8	104.8
2015	105.5	104.8
2016	104.3	104.7
2017	107.2	104.8
2018	105.2	104.6

Source for U.S. sex ratio for data year 2018: National Center for Health Statistics, Centers for Disease Control and Prevention; Table 11. Selected demographic characteristics of births, by race and Hispanic origin of mother: United States, 2018; Births: Final Data for 2018; National Vital Statistics Reports, Vol. 68, No. 13, November 27, 2019.

Sources for U.S. sex ratio for data years prior to 2018 are in prior publications of National Vital Statistics Reports or Monthly Vital Statistics Reports published by the National Center for Health Statistics, Centers for Disease Control and Prevention: Births: Final Data (for specific Data Year).

**Table 12. Low birthweight percent (less than 2,500 grams) by race: Utah and United States residents, 1990-2018**

Year	Utah			United States			
	Total	White	Black	Other	Total	White	Black
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	8.2	7.2	13.7
2009	7.0	6.7	9.0	7.9	8.2	7.2	13.6
2010	7.0	6.7	11.4	8.0	8.2	7.1	13.5
2011	6.9	6.6	15.3	7.7	8.1	7.1	13.3
2012	6.9	6.6	10.9	7.6	8.0	7.0	13.2
2013	7.0	6.7	8.9	8.0	8.0	7.0	13.1
2014	7.0	6.7	10.7	7.9	8.0	7.0	13.2
2015	7.0	6.6	10.0	8.3	8.1	6.9	13.4
2016	7.2	6.8	9.6	8.3	8.2	7.0	13.7
2017	7.2	7.0	10.4	8.7	8.3	7.0	13.9
2018	7.2	7.0	11.1	8.2	8.3	6.9	14.1

Joyce A. Martin, M.P.H., et al.. Births: Final Data for 2018. Table 13. Selected medical and health characteristics of births, by race and Hispanic origin of mother: United States, 2018. National Vital Statistics Reports, Vol. 68, No. 13, November 27, 2019. National Center for Health Statistics, Centers for Disease Control and Prevention.

Sources for U.S. low birth weight for data years prior to 2018 are in prior publications of National Vital Statistics Reports or Monthly Vital Statistics Reports - Births: Final Data (for specific Data Year), Published by the National Center for Health Statistics, Centers for Disease Control and Prevention:

**Table 13. Births to unmarried mothers by age of mother: Utah residents, 1975-2018**

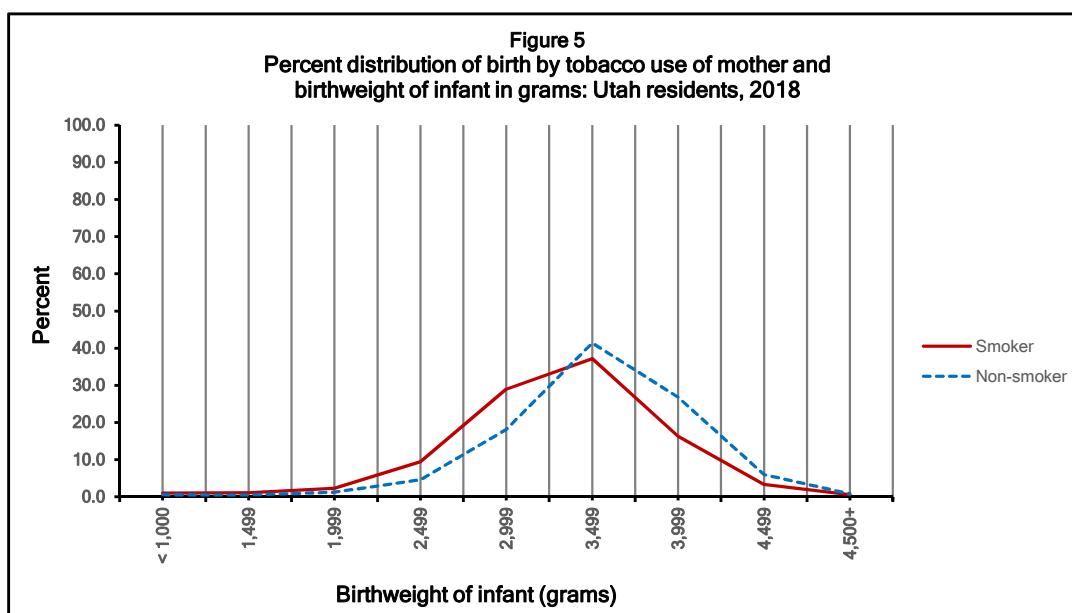
Year	Total	Age of mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over
1975	1,321	32	642	439	136	48	18	--	0
1976	1,493	20	735	479	168	65	21	--	0
1977	1,806	30	880	584	211	73	22	--	--
1978	2,160	28	997	732	274	89	30	9	--
1979	2,316	18	1,061	784	295	116	35	5	--
1980	2,605	28	1,163	894	344	128	42	5	0
1981	2,694	29	1,094	1,005	385	136	36	7	--
1982	2,899	27	1,150	1,046	433	163	70	10	0
1983	2,962	22	1,120	1,077	464	196	68	15	0
1984	2,958	19	1,093	1,056	505	200	70	14	--
1985	3,259	23	1,181	1,186	543	217	89	8	--
1986	3,569	28	1,323	1,306	599	218	86	9	0
1987	3,919	26	1,484	1,313	710	270	100	16	0
1988	4,218	26	1,572	1,428	762	314	96	20	0
1989	4,502	31	1,657	1,543	801	330	112	23	0
1990	4,886	38	1,769	1,671	830	409	128	28	--
1991	5,196	37	1,911	1,845	815	408	149	28	--
1992	5,631	48	2,044	2,007	884	432	181	32	0
1993	5,711	40	2,209	1,956	842	453	175	36	--
1994	6,001	47	2,294	2,075	894	475	178	31	--
1995	6,215	53	2,442	2,070	946	477	194	31	--
1996	6,798	42	2,578	2,323	1,088	497	220	45	--
1997	7,121	54	2,697	2,458	1,076	542	238	51	0
1998	7,722	50	2,716	2,831	1,216	563	277	62	--
1999	7,699	39	2,592	2,863	1,271	599	266	65	--
2000	8,175	35	2,588	3,118	1,459	631	288	53	--
2001	8,322	31	2,420	3,302	1,516	715	260	71	--
2002	8,469	33	2,320	3,413	1,606	736	292	66	--
2003	8,580	25	2,181	3,496	1,708	764	307	92	5
2004	8,831	29	2,160	3,456	1,915	868	317	82	--
2005	9,101	47	2,156	3,540	1,963	920	373	93	6
2006	10,063	26	2,464	3,850	2,222	983	423	90	5
2007	10,809	26	2,721	4,015	2,376	1,110	439	112	10
2008	11,324	32	2,799	4,171	2,570	1,164	474	106	6
2009	10,486	32	2,462	3,874	2,296	1,207	498	111	--
2010	9,891	26	2,244	3,581	2,187	1,203	518	123	8
2011	9,583	23	1,905	3,449	2,237	1,318	513	125	9
2012	9,596	11	1,858	3,477	2,223	1,292	576	147	12
2013	9,784	15	1,744	3,567	2,292	1,371	638	147	9
2014	9,690	18	1,625	3,544	2,281	1,401	659	145	11
2015	9,664	16	1,531	3,358	2,478	1,402	720	141	16
2016	9,412	10	1,404	3,308	2,379	1,414	724	160	12
2017	8,977	8	1,385	3,034	2,331	1,343	685	176	13
2018	9,091	7	1,317	3,026	2,328	1,478	755	166	10

Note: Numbers may not add to total due to missing data.

**Table 14. Birth rates to unmarried mothers per 1,000 live births by age of mother: Utah residents, 1975-2018**

Year	Total	Age of mother					
		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
2010	189.6	963.0	737.9	286.8	120.3	92.8	118.7
2011	187.4	1,000.0	747.6	292.2	125.3	99.1	115.2
2012	186.6	846.2	745.3	298.3	124.9	96.4	120.8
2013	192.2	1,000.0	773.7	313.6	133.2	100.0	125.0
2014	189.4	1,000.0	751.3	313.5	132.5	102.2	121.0
2015	190.3	1,000.0	757.2	316.2	142.4	102.3	125.1
2016	186.4	1,000.0	768.9	314.5	139.8	102.6	122.1
2017	184.8	1,000.0	772.0	300.2	142.1	102.8	121.5
2018	192.6	1,000.0	822.6	306.0	146.2	117.3	129.7

Note: Numbers may not add to total due to missing data.



**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: Utah residents, 2018**

Tobacco use by mother	Total	Grams									
		Under 1,000	1,000-1,499	1,500-1,999	2,000-2,499	2,500-2,999	3,000-3,499	3,500-3,999	4,000-4,499	4,500 and over	
Total	100.0	0.6	0.5	1.3	4.8	18.6	41.2	26.3	5.9	0.8	
Yes	100.0	0.9	1.0	2.3	9.4	29.0	37.2	16.3	3.3	0.6	
Number of cigarettes											
1 to 10	100.0	1.0	0.9	1.8	10.4	29.4	38.0	15.2	2.9	0.5	
11 to 20	100.0	0.4	1.2	2.7	12.9	39.5	32.8	7.4	2.3	0.8	
21 or more	100.0	0.0	0.0	0.0	10.7	42.9	28.6	17.9	0.0	0.0	
Unknown	100.0	2.7	3.0	6.5	26.9	83.1	106.5	46.7	9.5	1.7	
No	100.0	0.5	0.5	1.3	4.6	18.1	41.4	26.8	6.0	0.8	
Not stated	100.0	1.6	1.2	2.3	7.3	19.9	40.6	21.1	5.1	0.8	

**Table 16. Pregnancies, pregnancy rates, and populations by specific age groups under 20 years:  
Utah residents, 2000, 2010, and 2015-2018**

Pregnancies, live births, fetal deaths, abortions, pregnancy rates, and female population projections	Population projections for females ages 15 to 44	Ages				
		All Ages	Under 15	Total	15 to 19	
					15-17	18-19
<b>2000 Pregnancies</b>		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
<b>2000 Pregnancy rate</b>		89.5	0.8	43.5	24.4	67.3
<b>2000 Population projections</b>	528,769		94,484	109,105	60,486	48,619
<b>2010 Pregnancies</b>		55,905	43	3,501	1,009	2,492
Births		52,164	27	3,041	876	2,165
Fetal Deaths		295	0	21	8	13
Abortions		3,446	16	439	125	314
<b>2010 Pregnancy rate</b>		92.5	0.4	32.2	16.1	54.1
<b>2010 Population projections</b>	604,166		111,559	108,843	62,812	46,031
<b>2015 Pregnancies</b>		54,042	16	2,384	567	1,817
Births		50,776	16	2,022	489	1,533
Fetal Deaths		280	0	17	--	16
Abortions		2,986	0	345	77	268
<b>2015 Pregnancy rate</b>		83.6	0.1	21.1	8.1	42.2
<b>2015 Population projections</b>	646,783		123,161	112,965	69,865	43,100
<b>2016 Pregnancies</b>		53,591	10	2,118	498	1,620
Births		50,486	10	1,826	447	1,379
Fetal Deaths		297	0	16	7	9
Abortions		2,808	0	276	44	232
<b>2016 Pregnancy rate</b>		81.1	0.1	18.2	6.9	36.5
<b>2016 Population projections</b>	660,765		125,259	116,161	71,803	44,358
<b>2017 Pregnancies</b>		51,588	23	2,133	504	1,629
Births		48,578	8	1,794	420	1,374
Fetal Deaths		251	--	12	6	6
Abortions		2,759	14	327	78	249
<b>2017 Pregnancy rate</b>		76.4	0.2	17.9	6.9	35.5
<b>2017 Population projections</b>	675,399		127,540	119,032	73,139	45,893
<b>2018 Pregnancies</b>		50,422	9	1,993	460	1,533
Births		47,211	7	1,601	363	1,238
Fetal Deaths		316	0	10	--	7
Abortions		2,895	--	382	94	288
<b>2018 Pregnancy rate</b>		73.2	0.1	16.4	6.2	32.4
<b>2018 Population projections</b>	688,831		129,424	121,760	74,514	47,246

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 number of births, fetal deaths of 20 weeks or more gestation, and induced abortions. Spontaneous terminations at less than 20 weeks gestation are excluded.

Utah IBIS-PH Query System Population Estimates. Retrieved on Thu, 17 Dec 2020 from Utah Department of Health, Center for Health Data and Informatics, Indicator-Based Information System for Public Health website: <https://ibis.health.utah.gov/ibisph-view/query/PopEst.html>.

**Table 17. Leading causes of death and death rates: Utah residents, 2017 and 2018**

Utah 2017				Utah 2018			
R a n k Cause and ICD-10 Code	2017 Number	Rate per 100,000 mid-year population	Age- adjusted rate	R a n k Cause and ICD-10 Code	2018 Number	Rate per 100,000 mid-year population	Age- adjusted rate
<b>Total</b>	18,039	581.7	704.6	<b>Total</b>	18,366	582.4	695.0
1. <b>Diseases of heart</b> (I00-I09, I11, I13, I20-I51)	3,749	120.9	151.3	1. <b>Diseases of heart</b> (I00-I09, I11, I13, I20-I51)	3,749	118.9	147.0
2. <b>Malignant neoplasms</b> (C00-C97)	3,160	101.9	121.0	2. <b>Malignant neoplasms</b> (C00-C97)	3,262	103.4	120.4
3. <b>Unintentional injuries</b> (V01-X59, Y85-Y86)	1,238	39.9	44.3	3. <b>Unintentional injuries</b> (V01-X59, Y85-Y86)	1,287	40.8	45.3
4. <b>Alzheimer's disease</b> (G30)	991	32.0	42.4	4. <b>Alzheimer's disease</b> (G30)	1,024	32.5	42.3
5. <b>Cerebrovascular diseases</b> (I60-I69)	888	28.6	36.4	5. <b>Cerebrovascular diseases</b> (I60-I69)	919	29.1	36.5
6. <b>Chronic lower respiratory diseases</b> (J40-J47)	826	26.6	32.3	6. <b>Chronic lower respiratory diseases</b> (J40-J47)	880	27.9	33.4
7. <b>Intentional self-harm (suicide)</b> (*U03, X60-X84, Y87.0)	663	21.4	22.7	7. <b>Intentional self-harm (suicide)</b> (*U03, X60-X84, Y87.0)	665	21.1	22.3
8. <b>Diabetes mellitus</b> (E10-E14)	596	19.2	23.1	8. <b>Diabetes mellitus</b> (E10-E14)	629	19.9	23.6
9. <b>Nephritis, nephrotic syndrome and nephrosis</b> (N00-N07, N17-N19, N25-N27)	384	12.4	15.4	9. <b>Influenza and pneumonia</b> (J10-J18)	353	11.2	13.5
10. <b>Influenza and pneumonia</b> (J10-J18)	333	10.7	13.4	10. <b>Nephritis, nephrotic syndrome and nephrosis</b> (N00-N07, N17-N19, N25-N27)	335	10.6	13.1
11. <b>Chronic liver disease and cirrhosis</b> (K70, K73-K74)	243	7.8	8.8	11. <b>Chronic liver disease and cirrhosis</b> (K70, K73-K74)	287	9.1	10.0
12. <b>Parkinson's disease</b> (G20-G21)	234	7.5	9.8	12. <b>Parkinson's disease</b> (G20-G21)	286	9.1	11.6
13. <b>Septicemia (A40-A41)</b>	211	6.8	8.3	13. <b>Septicemia (A40-A41)</b>	187	5.9	6.9
14. <b>Essential (primary) hypertension and hypertensive renal disease</b> (I10, I12, I15)	173	5.6	6.9	14. <b>Essential (primary) hypertension and hypertensive renal disease</b> (I10, I12, I15)	156	4.9	6.1
15. <b>Certain conditions originating in the perinatal period</b> (P00-P96)	147	4.7	4.1	15. <b>Certain conditions originating in the perinatal period</b> (P00-P96)	134	4.2	3.8
16. <b>Congenital malformations, deformations and chromosomal abnormalities</b> (Q00-Q99)	123	4.0	3.8	16. <b>Congenital malformations, deformations and chromosomal abnormalities</b> (Q00-Q99)	124	3.9	3.8
<b>All other causes</b>	4,080	N.A.	N.A.	<b>All other causes</b>	4,089	N.A.	N.A.

Crude rates for deaths for 2018 are per 1,000 population based on the population estimate number 3,153,550.

Crude rates for deaths for 2017 are per 1,000 population based on the population estimate number 3,101,042.

Age-adjusted rates for deaths for 2018 are per 100,000 population based on the population estimate number 3,153,550.

Age-adjusted rates for deaths for 2017 are per 100,000 population based on the population estimate number 3,101,042.

Cause of death is ordered by frequency.

\*An asterisk has been used since 2001 to code large unprecedented events not specifically classified, e.g., Centers for Disease Control, MMWR 51 (special issue), website: <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm51SPa7.htm>.

Utah IBIS-PH Query System Population Estimates. Retrieved on Thu, 17 Dec 2020 from Utah Department of Health, Center for Health Data and Informatics, Indicator-Based Information System for Public Health website: <https://ibis.health.utah.gov/ibisph-view/query/PopEst.html>.

**Table 18. Deaths and death rates by selected causes: Utah residents, 2016-2018**

Cause of Death 10th Rev. International Classification of Diseases	2016		2017		2018	
	Number	Rate	Number	Rate	Number	Rate
<b>Total</b>	17,816	585.7	18,039	581.7	18,366	582.4
Septicemia, A40-A41	222	7.3	211	6.8	187	5.9
Other and unspecified infectious and parasitic diseases and their sequelae	58	1.9	76	2.5	55	1.7
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						
<b>Human immunodeficiency virus (HIV) disease</b>	19	0.6	9	0.3	17	0.5
B20-B24						
<b>Malignant neoplasms</b>	3,114	102.4	3,160	101.9	3,262	103.4
C00-C97						
<b>In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior</b>	112	3.7	117	3.8	110	3.5
D00-D48						
<b>Diabetes mellitus, E10-E14</b>	620	20.4	596	19.2	629	19.9
Parkinson's disease, G20-G21	274	9.0	234	7.5	286	9.1
Alzheimer's disease, G30	903	29.7	991	32.0	1,024	32.5
<b>Diseases of heart</b>	3,612	118.7	3,749	120.9	3,749	118.9
I00-I09,I11,I13,I20-I51						
<b>Cerebrovascular diseases, I60-I69</b>	927	30.5	888	28.6	919	29.1
Atherosclerosis, I70	28	0.9	15	0.5	10	0.3
<b>Other diseases of the circulatory system, I71-I78</b>	117	3.8	96	3.1		0.0
Aortic aneurysm and dissection, I71	65	2.1	60	1.9	60	1.9
Other diseases of arteries, arterioles and capillaries, I72-I78	52	1.7	36	1.2	48	1.5
<b>Essential (primary) hypertension and hypertensive renal disease</b>	155	5.1	173	5.6	156	4.9
I10, I12, I15						
<b>Influenza and pneumonia, J10-J18</b>	378	12.4	333	10.7	353	11.2
<b>Chronic lower respiratory diseases, J40-J47</b>	872	28.7	826	26.6	880	27.9
Pneumonitis due to solids and liquids, J69	123	4.0	146	4.7	105	3.3
<b>Chronic liver disease and cirrhosis</b>	233	7.7	243	7.8	287	9.1
K70, K73-K74						
<b>Nephritis, nephrotic syndrome, and nephrosis</b>	370	12.2	384	12.4	335	10.6
N00-N07,N17-N19, N25-N27						
<b>Certain conditions originating in the perinatal period</b>	136	4.5	147	4.7	134	4.2
P00-P96						
<b>Congenital malformations, deformations and chromosomal abnormalities</b>	143	4.7	123	4.0	124	3.9
Q00-Q99						
<b>Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified</b>	413	13.6	358	11.5	308	9.8
R00-R99						
<b>Transport accidents</b>	292	9.6	324	10.4	281	8.9
V01-V99, Y85						
Motor vehicle accidents	271	8.9	293	9.4	258	8.2
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 land transport accidents	9	0.3	8	0.3	12	0.4
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						
Water, air and space, and other and unspecified transport accidents and their sequelae V90-V99, Y85	12	0.4	23	0.7	11	0.3
<b>Nontransport accidents</b> W00-X59, Y86	895	29.4	914	29.5	1,006	31.9
<b>Intentional self-harm (suicide)</b> *U03, X60-X84, Y87.0	612	20.1	663	21.4	665	21.1
<b>Assault (homicide)</b> *U01-*U02, X85-Y09, Y87.1	80	2.6	79	2.5	67	2.1
<b>Events of undetermined intent</b> Y10-Y34, Y87.2, Y89.9	120	3.9	101	3.3	63	2.0
<b>All other causes</b>	2,988	98.2	3,083	99.4	3,246	102.9

Crude rates for deaths for 2016, 2017 and 2018 are per 100,000 population based on population estimate numbers 3,041,868, 3,101,042, and 3,153,550, respectively.

Note: Numbers may not add to total due to missing data.

Cause of death is ordered alphabetically by ICD-10 code.

\*An asterisk has been used since 2001 to code large unprecedented events not specifically classified, e.g., Centers for Disease Control, MMWR 51 (special issue), website: <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm51SPa7.htm>.

**Table 19. Expected years of life lost and working years of life lost by selected underlying cause of death: Utah residents, 2018**

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
<b>Total</b>	307,808	100.0	173,927	100.0	133,881	100.0	96,110	100.0	61,655	100.0	34,455	100.0
<b>Major cardiovascular diseases (I00-I78)</b>	58,586	19.0	31,726	18.2	26,859	20.1	9,256	9.6	5,890	9.6	3,366	9.8
<b>Malignant Neoplasms (C00-C97)</b>	50,901	16.5	25,611	14.7	25,290	18.9	10,002	10.4	4,576	7.4	5,426	15.7
<b>Motor Vehicle Accidents (V01-V99, Y85, 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)</b>	4,807	1.6	3,458	2.0	1,349	1.0	2,939	3.1	2,102	3.4	837	2.4
<b>Non-motor vehicle accidents (W00-X59, Y86, V01, V05-V06, V- 09.1, V-09.3, V-09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9,V81.2- V81.9, V2.2-V82.9, V87.0, V88.9, V89.1, V89.3, V90.0, V90-V99,</b>	35,519	11.5	23,234	13.4	12,285	9.2	19,082	19.9	13,206	21.4	5,876	17.1
<b>Pneumonia &amp; influenza (J10-J18)</b>	5,075	1.6	2,217	1.3	2,858	2.1	1,258	1.3	529	0.9	729	2.1
<b>Conditions originating in the perinatal period and SIDS (P00-P96, R95)</b>	11,545	3.8	6,956	4.0	4,589	3.4	7,488	7.8	4,588	7.4	2,900	8.4
<b>Suicide (X60-X84, Y87.0)</b>	26,948	8.8	20,816	12.0	6,132	4.6	16,767	17.4	13,186	21.4	3,581	10.4
<b>Diabetes Mellitus (E10-E14)</b>	9,157	3.0	5,381	3.1	3,776	2.8	1,717	1.8	1,034	1.7	683	2.0
<b>Congenital anomalies (Q00-Q99)</b>	7,349	2.4	4,054	2.3	3,295	2.5	4,610	4.8	2,602	4.2	2,008	5.8
<b>Chronic liver disease and cirrhosis (K70, K73-K74)</b>	6,863	2.2	3,822	2.2	3,040	2.3	2,468	2.6	1,249	2.0	1,219	3.5
<b>Chronic lower respiratory diseases (J40-J47)</b>	11,066	3.6	5,945	3.4	5,121	3.8	1,190	1.2	685	1.1	505	1.5
<b>All other causes</b>	79,992	26.0	40,705	23.4	39,287	29.3	19,333	20.1	12,008	19.5	7,325	21.3

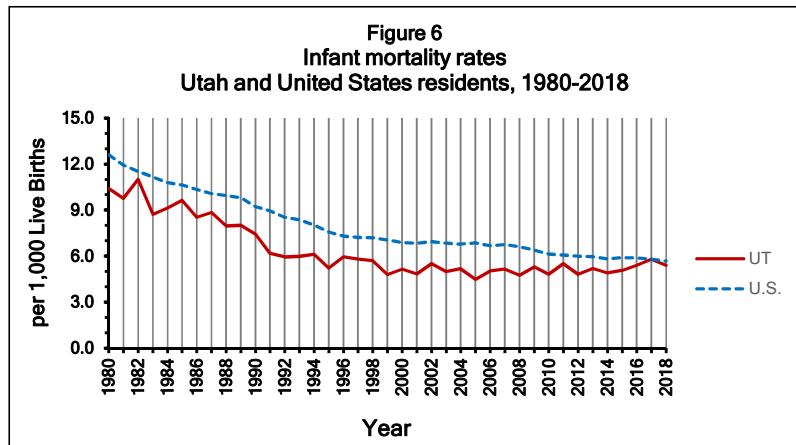
Working years are defined as ages 15 to 65.

Working years of life lost are calculated by computing the number of years between age at time of death and age 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 2018 for Utah.

Sex not stated is included in male.

Ages not stated are not included.



**Table 20: Infant mortality rates by age at death: Utah residents, 1970, 1975, 1980, and 1985-2018**

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
1975	13.1	3.7	4.3	1.4	3.9
1980	10.4	3.1	2.2	1.3	3.8
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
2010	4.8	1.8	0.8	0.7	1.5
2011	5.5	2.3	0.6	0.7	1.9
2012	4.8	2.1	0.7	0.5	1.5
2013	5.1	1.1	0.7	0.6	1.6
2014	4.9	0.9	0.9	0.7	1.4
2015	5.1	1.1	1.0	0.5	1.8
2016	5.4	2.4	0.9	0.8	1.4
2017	5.8	2.5	1.4	0.9	1.0
2018	5.4	2.6	1.0	1.5	0.4

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

**Table 21. Deaths by local health district and county: Utah residents, 1990, 2000, and 2005-2018**

Health district and county	Year																	
	1990	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018		
<b>Total</b>	9,125	12,339	13,325	13,645	13,988	13,920	14,010	14,647	15,156	15,530	16,243	16,656	17,263	17,816	18,039	18,366		
<b>Bear River</b>	561	737	715	708	761	731	767	846	850	809	886	920	891	949	1,008	1,020		
<b>Box Elder</b>	208	279	298	281	314	284	300	351	320	358	351	380	352	375	440	404		
<b>Cache</b>	340	447	409	410	434	431	455	470	523	445	519	525	516	565	549	603		
<b>Rich</b>	13	11	8	17	13	16	12	25	7	6	16	15	23	9	19	13		
<b>Central Utah</b>	424	508	526	560	564	543	559	586	587	574	600	604	579	612	638	624		
<b>Juab</b>	43	56	71	55	68	74	83	69	82	55	83	76	54	70	81	70		
<b>Millard</b>	89	90	104	102	99	86	87	93	98	106	99	93	104	112	105	98		
<b>Piute</b>	12	15	11	17	19	16	17	15	22	14	12	16	17	15	17	27		
<b>Sanpete</b>	125	164	166	166	159	163	166	187	187	193	192	173	185	193	206	199		
<b>Sevier</b>	137	164	156	198	195	181	177	202	173	184	184	217	187	194	208	203		
<b>Wayne</b>	18	19	18	22	24	23	29	20	25	22	30	29	32	28	21	27		
<b>Davis</b>	667	1,094	1,267	1,284	1,368	1,371	1,352	1,343	1,490	1,527	1,588	1,656	1,734	1,779	1,845	1,875		
<b>Salt Lake</b>	3,847	5,019	5,252	5,291	5,437	5,369	5,445	5,615	5,690	5,980	6,225	6,313	6,480	6,740	6,604	6,814		
<b>San Juan</b>	70	75	64	75	87	72	80	81	98	88	88	99	102	107	120	126		
<b>Southeastern</b>	277	379	383	414	456	476	408	457	487	479	507	471	494	430	416	409		
<b>Carbon</b>	158	185	174	189	213	232	182	217	226	211	239	213	234	237	213	213		
<b>Emery</b>	65	61	83	73	89	102	77	87	88	84	101	88	75	110	107	103		
<b>Grand</b>	54	58	62	77	67	70	69	72	75	96	79	71	83	83	96	93		
<b>Southwest</b>	605	1,000	1,212	1,329	1,263	1,284	1,335	1,429	1,491	1,544	1,664	1,694	1,713	1,806	1,945	1,987		
<b>Beaver</b>	47	62	78	51	62	47	73	58	53	56	51	72	61	53	64	67		
<b>Garfield</b>	32	49	38	35	38	41	30	40	50	51	51	39	35	49	56	67		
<b>Iron</b>	107	147	216	255	262	269	245	243	281	268	313	284	312	330	333	334		
<b>Kane</b>	42	70	48	71	80	57	53	62	66	66	78	85	80	74	63	81		
<b>Washington</b>	377	672	832	917	821	870	934	1,026	1,041	1,103	1,171	1,214	1,225	1,300	1,429	1,438		
<b>Summit</b>	58	84	105	108	130	131	117	119	130	129	146	150	144	171	138	149		
<b>Tooele</b>	147	230	252	265	263	260	271	319	295	313	332	350	351	348	378	382		
<b>TriCounty</b>	193	271	283	309	319	311	315	353	341	359	338	377	410	375	418	408		
<b>Daggett</b>	--	0	--	--	8	--	8	--	--	10	8	12	14	10	15	8		
<b>Duchesne</b>	65	101	108	115	115	112	100	144	126	146	121	145	155	132	148	149		
<b>Uintah</b>	124	170	171	190	196	196	207	205	211	203	209	220	241	233	255	251		
<b>Utah County</b>	1,104	1,546	1,731	1,836	1,853	1,888	1,846	1,927	2,041	2,100	2,154	2,254	2,486	2,474	2,521	2,599		
<b>Wasatch</b>	63	79	110	92	87	100	102	108	114	106	109	136	127	146	134	146		
<b>Weber-Morgan</b>	1,109	1,392	1,489	1,449	1,487	1,456	1,493	1,545	1,640	1,610	1,694	1,731	1,854	1,873	1,870	1,827		
<b>Morgan</b>	34	26	29	29	47	48	40	41	51	53	64	52	48	66	67	67		
<b>Weber</b>	1,075	1,366	1,460	1,420	1,440	1,408	1,453	1,504	1,589	1,557	1,630	1,679	1,806	1,807	1,803	1,760		

Note: Numbers may not add to total due to missing data.

**Table 22. Deaths and percent of deaths by selected causes, Hispanic all races and non-Hispanic origin: Utah residents, 2018**

Cause of Death 10th Rev. International Classification of Diseases	Total		Hispanic origin		Non-Hispanic origin	
	Number	Percent	Number	Percent	Number	Percent
<b>Total</b>	18,366	100.0	1,059	100.0	17,307	100.0
<b>Septicemia, A40-A41</b>	187	1.0	5	--	182	1.1
<b>Other and unspecified infectious and parasitic diseases and their sequelae</b> 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	55	0.3	--	--	51	0.3
<b>Human immunodeficiency virus (HIV) disease</b> B20-B24	17	0.1	--	--	16	0.1
<b>Malignant neoplasms</b> C00-C97	3,262	17.8	180	17.0	3,082	17.8
<b>In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior</b> D00-D48	110	0.6	6	--	104	0.6
<b>Diabetes mellitus, E10-E14</b>	629	3.4	63	5.9	566	3.3
<b>Parkinson's disease, G20-G21</b>	286	1.6	6	--	280	1.6
<b>Alzheimer's disease, G30</b>	1,024	5.6	38	3.6	986	5.7
<b>Diseases of heart</b> I00-I09,I11,I13,I20-I51	3,749	20.4	137	12.9	3,612	20.9
<b>Cerebrovascular diseases, I60-I69</b>	919	5.0	43	4.1	876	5.1
<b>Atherosclerosis, I70</b>	10	0.1	0	0.0	10	0.1
<b>Other diseases of the circulatory system, I71-I78</b> Aortic aneurysm and dissection, I71 Other diseases of arteries, arterioles and capillaries, I72-I78	108	0.6	7	0.7	101	0.6
<b>Essential (primary) hypertension and hypertensive renal disease</b> I10, I12, I15	156	0.8	7	0.7	149	0.9
<b>Influenza and pneumonia, J10-J18</b>	353	1.9	13	1.2	340	2.0
<b>Chronic lower respiratory diseases, J40-J47</b>	880	4.8	23	2.2	857	5.0
<b>Pneumonitis due to solids and liquids, J69</b>	105	0.6	--	--	102	0.6
<b>Chronic liver disease and cirrhosis</b> K70, K73-K74	287	1.6	36	3.4	251	1.5
<b>Nephritis, nephrotic syndrome, and nephrosis</b> N00-N07,N17-N19, N25-N27	335	1.8	19	1.8	316	1.8
<b>Certain conditions originating in the perinatal period</b> P00-P96	134	0.7	30	2.8	104	0.6
<b>Congenital malformations, deformations and chromosomal abnormalities</b> Q00-Q99	124	0.7	24	2.3	100	0.6
<b>Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified</b> R00-R99	308	1.7	22	2.1	286	1.7
<b>Transport accidents</b> V01-V99, Y85	281	1.5	48	4.5	233	1.3
Motor vehicle accidents	258	1.4	43	4.1	215	1.2
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 land transport accidents	12	0.1	--	--	8	0.0
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						
Water, air and space, and other and unspecified transport accidents and their sequelae V90-V99, Y85	11	0.1	--	--	10	0.1
<b>Nontransport accidents</b> W00-X59, Y86	1,006	5.5	76	7.2	930	5.4
<b>Intentional self-harm (suicide)</b> *U03, X60-X84, Y87.0	665	3.6	56	5.3	609	3.5
<b>Assault (homicide)</b> *U01-*U02, X85-Y09, Y87.1	67	0.4	17	1.6	50	0.3
<b>Events of undetermined intent</b> Y10-Y34, Y87.2, Y89.9	63	0.3	7	0.7	56	0.3
<b>All other causes</b>	3,246	17.7	188	17.8	3,058	17.7

Cause of death is ordered alphabetically by ICD-10 code.

\*An asterisk has been used since 2001 to code large unprecedented events not specifically classified, e.g., Centers for Disease Control, MMWR 51 (special issue), website: <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm51SPa7.htm>.

Note: Numbers may not add to total due to missing data.

**Table 23. Deaths and percent of deaths by age, Hispanic all races, and non-Hispanic origin: Utah residents, 2018**

Age at death	Total		Hispanic		Non-Hispanic	
	Number	Percent	Number	Percent	Number	Percent
<b>Total all ages</b>	18,366	100.0	1,059	100.0	17,307	100.0
<b>Under 1</b>	255	1.4	57	5.4	198	1.1
<b>1-4</b>	44	0.2	7	0.7	37	0.2
<b>5-14</b>	60	0.3	10	0.9	50	0.3
<b>15-24</b>	320	1.7	55	5.2	265	1.5
<b>25-34</b>	524	2.9	75	7.1	449	2.6
<b>35-44</b>	759	4.1	74	7.0	685	4.0
<b>45-54</b>	1,039	5.7	118	11.1	921	5.3
<b>55-64</b>	2,097	11.4	145	13.7	1,952	11.3
<b>65-74</b>	3,184	17.3	180	17.0	3,004	17.4
<b>75 and over</b>	10,081	54.9	337	31.8	9,744	56.3

Note: Numbers may not add to total due to missing data.

**Table 24. Deaths and death rates from unnatural causes: Utah residents, 2017-2018**

Type of violence	Utah				Age-adjusted Rate	
	Number		Rate		2017	2018
	2017	2018	2017	2018	2017	2018
<b>Unnatural causes *U01-*U03, V01-Y89</b>	2,120	2,135	68.4	67.7	74.5	73.7
<b>Unintentional injuries V01-X59, Y85-Y86</b>	1,238	1,287	39.9	40.8	44.3	45.3
<b>Transport accidents V01-V99, Y85</b>	324	281	10.5	8.9	11.0	9.3
Motor vehicle 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	293	258	9.5	8.2	9.9	8.5
Other land transport accidents 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	8	12	0.3	0.4	0.3	0.4
Water, air and space, and other and unspecified transport accidents and their sequelae V90-V94, V95-V97, V98-V99, Y85	23	11	0.7	0.4	0.8	0.4
<b>All other unintentional injuries W00-W99, X00-X59, Y86</b>	914	1,006	29.5	31.9	33.3	36.0
<b>Suicide (intentional injuries) *U03, X60-X84, Y87.0</b>	663	665	21.4	21.1	22.7	22.3
<b>Homicide (assault) *U01-*U02, X85-Y09, Y87.1</b>	79	67	2.6	2.1	2.6	2.2
<b>All other unnatural causes Y10-Y34, Y87.2, Y89.9, Y35, Y89.0, Y40- Y84, Y88</b>	140	116	4.5	3.7	4.9	4.0

Crude rates for deaths for 2018 are per 100,000 population based on the population estimate number 3,153,550.

Crude rates for deaths for 2017 are per 100,000 population based on the population estimate number 3,101,042.

Utah IBIS-PH Query System Population Estimates. Retrieved on Thu, 17 Dec 2020 from Utah Department of Health, Center for Health Data and Informatics, Indicator-Based Information System for Public Health website: <https://ibis.health.utah.gov/ibisph-view/query/PopEst.html>.

\*An asterisk with ICD codes has been used since 2001 to code large unprecedented events not specifically classified, i.e., Centers for Disease Control, MMWR 51 (special issue), website: <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm51SPa7.htm>.

**Table 25. Deaths due to suicide by age, gender, and year: Utah residents, 1990 and 2000-2018**

Year and gender	Total	Age								75 and over
		Under 15	15-19	20-24	25-34	35-44	45-54	55-64	65-74	
<b>1990 Total</b>	265	6	31	39	50	52	30	23	10	24
<b>Male</b>	224	--	29	33	45	32	28	21	9	23
<b>Female</b>	41	--	--	6	5	20	--	--	--	--
<b>2000 Total</b>	294	5	27	34	47	77	51	18	14	21
<b>Male</b>	222	5	23	29	31	54	35	12	14	19
<b>Female</b>	72	0	--	5	16	23	16	6	0	--
<b>2001 Total</b>	316	8	25	32	63	75	58	22	19	14
<b>Male</b>	263	8	24	29	50	61	44	18	16	13
<b>Female</b>	53	0	--	--	13	14	14	--	--	--
<b>2002 Total</b>	336	--	27	30	73	82	60	24	16	20
<b>Male</b>	259	--	23	27	62	59	42	15	11	17
<b>Female</b>	77	--	--	--	11	23	18	9	5	--
<b>2003 Total</b>	335	--	28	48	65	62	55	30	24	19
<b>Male</b>	281	--	24	43	57	51	41	24	22	17
<b>Female</b>	54	--	--	5	8	11	14	6	--	--
<b>2004 Total</b>	377	5	27	35	85	71	74	43	13	24
<b>Male</b>	309	--	19	33	71	56	61	30	12	23
<b>Female</b>	68	--	8	--	14	15	13	13	--	--
<b>2005 Total</b>	344	--	18	44	76	71	62	38	13	19
<b>Male</b>	282	--	16	39	59	53	52	30	12	18
<b>Female</b>	62	0	--	5	17	18	10	8	--	--
<b>2006 Total</b>	357	--	22	36	68	83	59	44	18	25
<b>Male</b>	274	--	15	30	55	60	46	31	16	20
<b>Female</b>	83	--	7	6	13	23	13	13	--	5
<b>2007 Total</b>	368	--	23	46	74	66	75	48	17	18
<b>Male</b>	293	0	21	36	64	43	56	40	16	17
<b>Female</b>	75	--	--	10	10	23	19	8	--	--
<b>2008 Total</b>	384	--	25	51	71	64	90	49	20	12
<b>Male</b>	311	--	20	46	59	47	75	37	17	8
<b>Female</b>	73	0	5	5	12	17	15	12	--	--
<b>2009 Total</b>	443	--	26	40	107	91	95	49	18	14
<b>Male</b>	346	--	17	38	86	58	77	38	17	13
<b>Female</b>	97	--	9	--	21	33	18	11	--	--
<b>2010 Total</b>	467	9	25	43	121	75	79	65	28	22
<b>Male</b>	369	6	20	36	99	56	60	50	22	20
<b>Female</b>	98	--	5	7	22	19	19	15	6	--
<b>2011 Total</b>	492	5	24	48	95	78	109	77	27	28
<b>Male</b>	379	5	15	39	70	65	79	58	22	25
<b>Female</b>	113	0	9	9	25	13	30	19	5	--
<b>2012 Total</b>	545	--	36	47	112	101	123	68	36	20
<b>Male</b>	429	--	28	40	86	74	93	55	31	20
<b>Female</b>	116	0	8	7	26	27	30	13	5	0
<b>2013 Total</b>	570	9	35	49	122	109	96	86	41	23
<b>Male</b>	444	7	27	42	93	86	66	69	33	21
<b>Female</b>	126	--	8	7	29	23	30	17	8	--
<b>2014 Total</b>	555	6	54	47	95	108	93	74	35	43
<b>Male</b>	417	--	37	43	76	75	70	51	25	38
<b>Female</b>	138	--	17	--	19	33	23	23	10	5
<b>2015 Total</b>	609	13	49	55	121	128	105	84	30	24
<b>Male</b>	459	11	38	49	94	90	68	62	26	21
<b>Female</b>	150	--	11	6	27	38	37	22	--	--
<b>2016 Total</b>	612	10	41	58	122	128	110	73	38	32
<b>Male</b>	459	6	32	48	90	96	81	53	26	27
<b>Female</b>	153	--	9	10	32	32	29	20	12	5
<b>2017 Total</b>	663	11	52	72	124	135	114	83	37	35
<b>Male</b>	499	6	41	57	106	92	77	56	30	34
<b>Female</b>	164	5	11	15	18	43	37	27	7	--
<b>2018 Total</b>	665	13	52	67	127	159	104	71	46	25
<b>Male</b>	515	10	42	53	98	125	83	49	37	18
<b>Female</b>	149	--	10	14	29	34	21	22	9	7

Note: Numbers may not add to total due to missing data.

*2018 Reference Tables:*

**Births and Deaths**  
Suppressed Data



**Table A1. Births by health district, county, gender, attendant, and hospital delivery:  
Utah occurrences, 2018**

Health district and county	Gender		Attended by			Certified nurse midwife	Hospital delivery
	Total	Male	Female	Physician	Midwife		
<b>Total</b>	48,218	24,725	23,491	42,682	1,220	4,316	46,668
<b>Bear River</b>	2,836	1,452	1,384	2,594	82	160	2,750
Rich	0	0	0	0	0	0	0
Box Elder	459	238	221	298	44	117	413
Cache	2,377	1,214	1,163	2,296	38	43	2,337
<b>Central Utah</b>	787	399	388	656	49	82	734
Juab	133	75	58	114	19	0	113
Millard	122	60	62	120	--	0	119
Piute	0	0	0	0	0	0	0
Sanpete	272	129	143	245	20	7	250
Sevier	260	135	125	177	8	75	252
Wayne	0	0	0	0	0	0	0
<b>Davis</b>	2,041	1,067	974	1,663	67	311	1,952
<b>Salt Lake</b>	19,833	10,136	9,695	17,681	450	1,702	19,233
<b>San Juan</b>	150	76	74	145	5	0	143
<b>Southeastern</b>	368	195	173	365	--	0	362
Carbon	287	156	131	286	--	0	283
Emery	--	--	0	0	--	0	0
Grand	80	38	42	79	--	0	79
<b>Southwest</b>	3,522	1,824	1,698	3,141	104	277	3,356
Beaver	54	24	30	54	0	0	54
Garfield	24	9	15	14	--	9	23
Iron	851	446	405	729	15	107	834
Kane	43	24	19	41	--	0	41
Washington	2,550	1,321	1,229	2,303	86	161	2,404
<b>Summit</b>	330	147	183	321	7	--	321
<b>Tooele</b>	480	233	247	453	26	--	450
<b>TriCounty</b>	886	441	445	873	12	--	871
Daggett	0	0	0	0	0	0	0
Duchesne	612	314	298	610	--	0	610
Uintah	274	127	147	263	10	--	261
<b>Utah County</b>	11,061	5,707	5,354	9,658	304	1,099	10,701
<b>Wasatch</b>	187	93	94	176	11	0	176
<b>Weber-Morgan</b>	5,737	2,955	2,782	4,956	100	681	5,619
Morgan	5	--	--	--	--	0	0
Weber	5,732	2,951	2,781	4,955	96	681	5,619

Note: Numbers may not add to total due to missing data.

**Table A2. Births by health district, county of mother, gender, number born, and birth order: Utah residents, 2018**

Health district and county	Gender		Plurality		Birth order						
	Total	Male	Female	Single	Multiple	First	Second	Third	Fourth	Fifth	Sixth and higher
<b>Total</b>	47,211	24,205	23,004	45,584	1,627	15,938	13,254	8,972	5,176	2,208	1,654
<b>Bear River</b>	2,934	1,502	1,432	2,845	89	993	788	559	351	152	91
<b>Box Elder</b>	789	417	372	747	42	233	202	164	110	50	30
<b>Cache</b>	2,114	1,071	1,043	2,067	47	751	583	387	235	99	59
<b>Rich</b>	31	14	17	31	0	9	--	8	6	--	--
<b>Central Utah</b>	1,055	534	521	1,023	32	285	280	211	149	63	67
<b>Juab</b>	189	100	89	181	8	56	52	27	24	8	22
<b>Millard</b>	168	87	81	162	6	38	42	38	30	7	13
<b>Piute</b>	21	8	13	19	--	--	7	--	--	--	0
<b>Sanpete</b>	366	178	188	354	12	109	100	64	49	22	22
<b>Sevier</b>	285	148	137	281	--	66	72	76	41	21	9
<b>Wayne</b>	26	13	13	26	0	10	7	--	--	--	--
<b>Davis</b>	5,302	2,698	2,604	5,092	210	1,560	1,524	1,195	632	238	153
<b>Salt Lake</b>	16,036	8,206	7,828	15,501	535	5,814	4,700	2,846	1,488	646	535
<b>San Juan</b>	182	93	89	176	6	64	35	33	23	12	14
<b>Southeastern</b>	476	252	224	450	26	133	147	93	58	25	20
<b>Carbon</b>	221	105	116	207	14	56	67	48	27	16	7
<b>Emery</b>	121	58	63	113	8	23	33	31	19	10	5
<b>Grand</b>	100	47	53	94	6	33	34	17	8	6	--
<b>Southwest</b>	3,211	1,655	1,556	3,096	115	1,076	828	609	379	181	138
<b>Beaver</b>	114	58	56	112	--	30	29	30	16	6	--
<b>Garfield</b>	54	29	25	51	--	14	15	13	8	--	--
<b>Iron</b>	790	416	374	771	19	298	196	138	76	48	34
<b>Kane</b>	78	37	41	78	0	26	15	21	9	5	--
<b>Washington</b>	2,175	1,115	1,060	2,084	91	708	573	407	270	120	97
<b>Summit</b>	405	191	214	395	10	171	119	63	36	10	6
<b>Tooele</b>	956	487	469	926	30	276	303	189	108	42	38
<b>TriCounty</b>	937	475	462	896	41	265	281	180	122	55	34
<b>Daggett</b>	7	--	--	7	0	--	--	--	0	--	0
<b>Duchesne</b>	374	200	174	356	18	101	107	86	40	25	15
<b>Uintah</b>	556	272	284	533	23	161	172	93	82	29	19
<b>Utah County</b>	11,515	5,927	5,588	11,120	395	3,883	3,010	2,193	1,408	580	440
<b>Wasatch</b>	435	226	209	426	9	141	109	76	53	34	22
<b>Weber-Morgan</b>	3,767	1,959	1,808	3,638	129	1,277	1,130	725	369	170	96
<b>Morgan</b>	130	67	63	122	8	28	29	29	22	13	9
<b>Weber</b>	3,637	1,892	1,745	3,516	121	1,249	1,101	696	347	157	87

Note: Numbers may not add to total due to missing data.

**Table A3. Births by health district, county of mother, and month of occurrence: Utah residents, 2018**

Health district and county	Total	Month of occurrence											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Total</b>	47,211	3,702	3,528	3,950	3,921	4,122	4,050	4,247	4,322	3,912	4,146	3,685	3,626
<b>Bear River</b>	2,934	245	210	225	240	252	257	248	274	242	261	238	242
<b>Box Elder</b>	789	54	56	58	59	60	67	70	80	63	81	65	76
<b>Cache</b>	2,114	189	152	163	178	190	185	176	191	178	177	170	165
<b>Rich</b>	31	--	--	--	--	--	5	--	--	--	--	--	--
<b>Central Utah</b>	1,055	87	77	89	102	87	87	111	91	90	87	79	68
<b>Juab</b>	189	13	14	15	20	14	13	19	24	15	18	16	8
<b>Millard</b>	168	17	15	14	11	11	18	18	12	13	12	16	11
<b>Piute</b>	21	--	--	--	--	--	--	5	0	--	--	--	--
<b>Sanpete</b>	366	32	17	33	39	31	28	41	33	33	30	25	24
<b>Sevier</b>	285	23	26	23	27	26	23	26	21	24	24	20	22
<b>Wayne</b>	26	--	--	--	--	--	--	--	--	--	--	--	--
<b>Davis</b>	5,302	376	406	461	436	445	447	505	471	476	450	420	409
<b>Salt Lake</b>	16,036	1,252	1,170	1,323	1,350	1,395	1,392	1,415	1,485	1,293	1,418	1,281	1,262
<b>San Juan</b>	182	12	14	6	15	22	17	15	21	21	14	16	9
<b>Southeastern</b>	476	42	39	41	33	52	52	35	31	41	41	30	39
<b>Carbon</b>	255	24	23	23	14	24	22	17	19	21	24	14	30
<b>Emery</b>	121	11	10	10	9	14	16	11	--	12	11	8	6
<b>Grand</b>	100	7	6	8	10	14	14	7	9	8	6	8	--
<b>Southwest</b>	3,211	269	237	266	232	247	270	292	301	288	276	267	266
<b>Beaver</b>	114	10	5	11	5	14	6	12	11	12	9	12	7
<b>Garfield</b>	54	5	--	--	--	6	5	--	10	--	--	--	8
<b>Iron</b>	790	55	57	61	73	70	79	71	69	67	58	68	62
<b>Kane</b>	78	9	--	5	10	--	8	7	13	8	6	--	--
<b>Washington</b>	2,175	190	170	185	142	154	172	200	198	197	200	180	187
<b>Summit</b>	405	29	29	32	40	34	36	35	36	33	35	32	34
<b>Tooele</b>	956	76	87	84	78	76	93	82	82	73	90	67	68
<b>TriCounty</b>	937	65	70	87	77	68	76	105	92	80	70	74	73
<b>Daggett</b>	7	0	0	--	--	0	0	--	--	--	--	0	0
<b>Duchesne</b>	374	30	27	28	35	21	30	40	36	38	29	37	23
<b>Uintah</b>	556	35	43	57	41	47	46	64	55	41	40	37	50
<b>Utah County</b>	11,515	914	896	972	978	1,046	971	1,049	1,043	924	1,010	867	845
<b>Wasatch</b>	435	49	22	27	38	42	40	35	42	38	44	34	24
<b>Weber-Morgan</b>	3,767	286	271	337	302	356	312	320	353	313	350	280	287
<b>Morgan</b>	130	7	9	11	8	18	10	7	14	9	13	12	12
<b>Weber</b>	3,637	279	262	326	294	338	302	313	339	304	337	268	275

Note: Numbers may not add to total due to missing data.

**Table A4. Births by health district, county, and age of mother: Utah residents, 2018**

Health district and county	Age of mother										
	Under 15		15 to 19			45 and over					
	Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	over
<b>Total</b>	47,211	7	1,601	363	1,238	9,890	15,927	12,598	5,870	1,135	174
<b>Bear River</b>	2,934	--	69	13	56	725	1,028	740	303	49	18
<b>Box Elder</b>	789	0	30	7	23	170	298	199	77	13	--
<b>Cache</b>	2,114	--	38	6	32	546	724	531	222	36	15
<b>Rich</b>	31	0	--	0	--	9	6	10	--	0	--
<b>Central Utah</b>	1,055	0	49	15	34	295	349	225	101	32	--
<b>Juab</b>	189	0	10	--	8	58	56	39	21	--	--
<b>Millard</b>	168	0	6	--	5	42	53	42	19	6	0
<b>Piute</b>	21	0	0	0	0	6	7	5	--	--	0
<b>Sanpete</b>	366	0	22	8	14	97	124	72	35	14	--
<b>Sevier</b>	285	0	9	--	6	82	104	62	22	5	--
<b>Wayne</b>	26	0	--	--	--	10	5	5	--	--	0
<b>Davis</b>	5,302	--	135	27	108	842	1,840	1,651	683	139	11
<b>Salt Lake</b>	16,036	--	635	164	471	2,989	4,991	4,534	2,340	454	86
<b>San Juan</b>	182	0	14	--	12	49	45	45	23	5	--
<b>Southeastern</b>	476	0	17	6	11	120	178	93	59	7	--
<b>Emery</b>	121	0	--	0	--	27	51	25	12	--	--
<b>Carbon</b>	255	0	9	5	--	68	98	45	30	--	--
<b>Grand</b>	100	0	--	--	--	25	29	23	17	--	0
<b>Southwest</b>	3,211	0	150	31	119	792	1,052	770	358	77	12
<b>Beaver</b>	114	0	8	--	7	36	35	25	7	--	--
<b>Garfield</b>	54	0	--	0	--	10	22	17	--	--	0
<b>Iron</b>	790	0	35	5	30	242	256	167	71	15	--
<b>Kane</b>	78	0	6	--	5	12	31	16	9	--	0
<b>Washington</b>	2,175	0	100	24	76	492	708	545	268	55	7
<b>Summit</b>	405	0	7	--	5	53	82	144	98	20	--
<b>Tooele</b>	956	0	45	9	36	236	319	220	113	22	--
<b>TriCounty</b>	937	0	62	12	50	253	336	183	82	16	5
<b>Daggett</b>	7	0	--	0	--	--	--	--	--	0	--
<b>Duchesne</b>	374	0	26	5	21	109	136	62	37	--	0
<b>Uintah</b>	556	0	35	7	28	143	199	120	44	12	--
<b>Utah County</b>	11,515	--	230	40	190	2,533	4,273	2,972	1,265	216	20
<b>Wasatch</b>	435	0	17	7	10	85	116	123	72	20	--
<b>Weber-Morgan</b>	3,767	0	171	35	136	918	1,318	898	373	78	11
<b>Morgan</b>	130	0	0	0	0	23	46	30	28	--	0
<b>Weber</b>	3,637	0	171	35	136	895	1,272	868	345	75	11

Note: Numbers may not add to total due to missing data.

**Table A5. Births by health district, county, and race of mother: Utah residents, 2018**

Health district and county	Race of mother						
	Total	White	Black	Native American	Asian and Pacific Islander	Other races	Not stated
<b>Total</b>	47,211	41,012	785	556	1,879	2,066	913
<b>Bear River</b>	2,934	2,697	34	18	54	121	10
<b>Box Elder</b>	789	748	8	--	--	22	4
<b>Cache</b>	2,114	1,918	26	14	51	99	6
<b>Rich</b>	31	31	0	0	0	0	0
<b>Central Utah</b>	1,055	978	5	13	14	38	7
<b>Juab</b>	189	180	--	--	--	--	1
<b>Millard</b>	168	148	--	--	--	15	2
<b>Piute</b>	21	21	0	0	0	0	0
<b>Sanpete</b>	366	338	--	5	8	11	3
<b>Sevier</b>	285	266	--	5	--	9	1
<b>Wayne</b>	26	25	0	0	--	0	0
<b>Davis</b>	5,302	4,742	83	35	176	158	108
<b>Salt Lake</b>	16,036	13,060	472	184	1,114	691	515
<b>San Juan</b>	182	86	0	94	0	0	2
<b>Southeastern</b>	476	435	--	18	--	12	3
<b>Carbon</b>	255	241	--	5	--	--	2
<b>Emery</b>	121	114	0	--	--	--	0
<b>Grand</b>	100	80	--	11	--	5	1
<b>Southwest</b>	3,211	2,795	25	54	61	226	50
<b>Beaver</b>	114	101	0	--	--	10	0
<b>Garfield</b>	54	51	0	0	0	--	1
<b>Iron</b>	790	717	--	11	14	40	4
<b>Kane</b>	78	76	0	--	0	0	1
	2,175	1,850	21	41	45	174	44
<b>Summit</b>	405	353	--	0	21	24	6
<b>Tooele</b>	956	885	7	5	8	36	15
<b>TriCounty</b>	937	821	7	60	11	38	0
<b>Daggett</b>	7	7	0	0	0	0	0
<b>Duchesne</b>	374	325	--	27	--	15	0
<b>Uintah</b>	556	489	--	33	7	23	0
<b>Utah County</b>	11,515	10,456	92	38	318	474	137
<b>Wasatch</b>	435	397	--	--	--	23	7
<b>Weber-Morgan</b>	3,767	3,307	52	36	94	225	53
<b>Morgan</b>	130	127	0	--	--	0	1
<b>Weber</b>	3,637	3,180	52	35	93	225	52

Note: Numbers may not add to total due to missing data.

**Table A6. Births by health district, county of mother, and birthweight of infant in grams: Utah residents, 2018**

Health district and county	Total	Birthweight in grams									
		Under 1,000	1,000-1,499	1,500-1,999	2,000-2,499	2,500-2,999	3,000-3,499	3,500-3,999	4,000-4,499	4,500 and over	
<b>Total</b>	47,211	262	251	620	2,270	8,773	19,449	12,418	2,776	389	
<b>Bear River</b>	2,934	13	8	36	135	533	1,247	768	162	32	
<b>Box Elder</b>	789	5	--	13	48	169	308	190	45	8	
<b>Cache</b>	2,114	8	5	23	85	358	922	572	117	24	
<b>Rich</b>	31	0	0	0	--	6	17	6	0	0	
<b>Central Utah</b>	1,055	7	6	19	39	213	423	279	61	8	
<b>Juab</b>	189	--	0	--	5	26	72	67	12	--	
<b>Millard</b>	168	0	0	--	10	32	66	47	11	0	
<b>Piute</b>	21	0	0	0	0	8	10	--	--	0	
<b>Sanpete</b>	366	--	--	5	16	76	151	81	25	5	
<b>Sevier</b>	285	--	--	5	8	66	115	76	11	--	
<b>Wayne</b>	26	0	--	--	0	5	9	6	--	0	
<b>Davis</b>	5,302	24	25	76	257	957	2,167	1,443	303	50	
<b>Salt Lake</b>	16,036	116	98	224	810	3,120	6,610	4,053	896	107	
<b>San Juan</b>	182	--	--	--	5	39	77	48	8	0	
<b>Southeastern</b>	476	--	6	7	26	111	187	109	23	--	
<b>Carbon</b>	255	0	6	--	19	60	96	59	13	0	
<b>Emery</b>	121	--	0	--	5	31	50	22	6	--	
<b>Grand</b>	100	--	0	--	--	20	41	28	--	0	
	221	--	0	5	7	51	91	50	10	--	
<b>Southwest</b>	3,211	12	23	33	144	548	1,331	876	213	31	
<b>Beaver</b>	114	--	0	--	8	17	46	33	6	--	
<b>Garfield</b>	54	--	0	--	--	13	26	9	--	0	
<b>Iron</b>	790	--	7	--	43	138	350	202	42	--	
<b>Kane</b>	78	0	0	0	0	19	29	24	5	--	
<b>Washington</b>	2,175	8	16	27	92	361	880	608	157	26	
<b>Summit</b>	405	--	7	9	22	82	175	94	13	0	
<b>Tooele</b>	956	--	--	10	66	207	368	250	43	7	
<b>TriCounty</b>	937	5	10	10	55	189	392	216	52	8	
<b>Daggett</b>	7	0	0	0	--	--	--	--	--	0	
<b>Duchesne</b>	374	--	--	5	23	74	157	88	20	--	
<b>Uintah</b>	556	--	8	5	32	114	232	126	31	--	
<b>Utah County</b>	11,515	56	51	136	474	1,948	4,703	3,272	768	106	
<b>Wasatch</b>	435	--	--	7	22	89	181	106	23	5	
<b>Weber-Morgan</b>	3,767	19	11	50	215	737	1,588	904	211	32	
<b>Morgan</b>	130	--	0	--	6	19	57	38	7	0	
<b>Weber</b>	3,637	18	11	48	209	718	1,531	866	204	32	

Note: Numbers may not add to total due to missing data.

**Table A7. Births by health district, county of mother, and number of prenatal visits: Utah residents, 2018**

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
<b>Total</b>	47,211	403	1,836	7,911	32,364	3,431	513	78	675
<b>Bear River</b>	2,934	11	53	490	2,083	193	28	5	71
<b>Box Elder</b>	789	6	25	161	533	43	6	--	14
<b>Cache</b>	2,114	5	27	320	1,531	149	21	--	57
<b>Rich</b>	31	0	--	9	19	--	--	0	0
<b>Central Utah</b>	1,055	8	44	148	716	101	17	--	17
<b>Juab</b>	189	--	--	25	138	16	--	0	--
<b>Millard</b>	168	--	5	27	122	9	--	0	--
<b>Piute</b>	21	0	0	5	14	--	0	0	--
<b>Sanpete</b>	366	--	23	58	240	29	6	--	6
<b>Sevier</b>	285	--	10	31	185	42	8	--	5
<b>Wayne</b>	26	0	2	2	17	--	--	0	0
<b>Davis</b>	5,302	45	131	821	3,621	453	67	5	159
<b>Salt Lake</b>	16,036	207	783	2,766	10,717	1,172	180	22	189
<b>San Juan</b>	182	8	17	38	88	25	6	0	0
<b>Southeastern</b>	476	5	39	89	301	36	--	--	--
<b>Carbon</b>	255	--	17	40	165	25	--	0	--
<b>Emery</b>	121	--	9	29	74	8	0	0	0
<b>Grand</b>	100	0	13	20	62	3	0	--	--
<b>Southwest</b>	3,211	16	159	721	1,892	266	90	24	43
<b>Beaver</b>	114	0	6	43	58	--	--	--	0
<b>Garfield</b>	54	0	6	16	26	5	--	0	0
<b>Iron</b>	790	--	22	160	548	39	10	6	--
<b>Kane</b>	78	0	--	25	45	--	--	0	0
<b>Washington</b>	2,175	12	121	477	1,215	216	77	15	42
<b>Summit</b>	405	7	10	75	269	35	--	--	--
<b>Tooele</b>	956	6	39	196	638	57	10	0	10
<b>TriCounty</b>	937	10	46	146	559	150	23	0	--
<b>Daggett</b>	7	0	--	--	--	0	0	0	0
<b>Duchesne</b>	374	6	12	37	214	94	11	0	0
<b>Uintah</b>	556	--	31	106	344	56	12	0	--
<b>Utah County</b>	11,515	39	360	1,673	8,663	659	50	8	63
<b>Wasatch</b>	435	--	13	67	294	50	6	0	--
<b>Weber-Morgan</b>	3,767	39	142	681	2,523	234	30	6	112
<b>Morgan</b>	130	--	--	26	90	10	0	0	--
<b>Weber</b>	3,637	38	141	655	2,433	224	30	6	110

Note: Numbers may not add to total due to missing data.

**Table A8. Births by race of mother, birth order of infant, and age of mother: Utah residents, 2018**

Race of mother and birth order of infant	Age of mother										
	Under		15 to 19								
	Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over
<b>Total</b>	47,211	7	1,601	363	1,238	9,890	15,927	12,598	5,870	1,135	174
First	15,938	7	1,372	349	1,023	6,003	5,251	2,234	847	160	62
Second	13,254	0	206	14	192	2,839	5,624	3,130	1,239	179	36
Third	8,972	0	20	0	20	815	3,381	3,362	1,180	196	16
Fourth	5,176	0	--	0	--	183	1,235	2,366	1,201	171	16
Fifth	2,208	0	0	0	0	34	309	942	733	171	19
Sixth or more	1,654	0	0	0	0	13	124	564	670	257	25
<b>White</b>	41,012	6	1,280	265	1,015	8,593	13,979	11,018	5,053	940	136
First	13,833	6	1,098	255	843	5,333	4,608	1,889	714	134	49
Second	11,499	0	166	10	156	2,432	5,001	2,697	1,041	135	26
Third	7,881	0	15	0	15	647	2,991	3,025	1,020	168	13
Fourth	4,574	0	--	0	--	145	1,060	2,144	1,069	142	12
Fifth	1,870	0	0	0	0	23	238	808	643	145	13
Sixth or more	1,351	0	0	0	0	12	79	455	566	215	23
<b>Black</b>	785	0	44	16	28	189	269	168	88	26	--
First	260	0	38	15	23	92	84	31	12	--	0
Second	214	0	6	--	5	63	83	44	13	5	0
Third	134	0	0	0	0	25	59	29	16	--	--
Fourth	67	0	0	0	0	8	18	25	16	0	0
Fifth	46	0	0	0	0	--	12	18	11	--	0
Sixth or more	64	0	0	0	0	0	13	21	20	10	0
<b>Native American</b>	556	0	44	14	30	146	168	132	38	6	22
First	189	0	41	14	27	69	45	17	7	--	9
Second	135	0	--	0	--	42	51	29	--	0	6
Third	100	0	0	0	0	24	38	31	5	--	--
Fourth	60	0	0	0	0	9	23	21	--	0	--
Fifth	39	0	0	0	0	--	7	19	7	--	--
Sixth or more	32	0	0	0	0	0	--	15	11	--	--
<b>Asian and Pacific Islander</b>	1,879	0	43	9	34	299	601	564	296	68	8
First	711	0	35	9	26	170	251	176	65	11	--
Second	593	0	--	0	--	87	194	189	99	19	--
Third	283	0	--	0	--	28	84	95	60	11	--
Fourth	144	0	0	0	0	9	37	46	38	14	0
Fifth	78	0	0	0	0	--	19	35	14	--	--
Sixth or more	70	0	0	0	0	--	16	23	20	9	--
<b>Other races</b>	2,066	--	153	47	106	513	637	451	249	58	--
First	720	--	133	45	88	276	182	85	36	6	--
Second	584	--	19	--	17	167	222	108	53	14	--
Third	384	--	--	0	--	62	144	117	54	6	--
Fourth	221	--	0	0	0	6	63	91	50	10	--
Fifth	99	--	0	0	0	--	21	32	33	10	--
Sixth or more	58	--	0	0	0	0	5	18	23	12	--
<b>Not stated</b>	913	0	37	12	25	150	273	265	146	37	--
First	225	0	27	11	16	63	81	36	13	5	0
Second	229	0	8	--	7	48	73	63	29	6	--
Third	190	0	0	0	0	29	65	65	25	6	0
Fourth	110	0	--	0	--	6	34	39	24	5	0
Fifth	76	0	0	0	0	--	12	30	25	6	--
Sixth or more	79	0	0	0	0	0	8	32	30	9	0

Note: Numbers may not add to total due to missing data.

**Table A9. Births by race and age of mother and number of prenatal visits: Utah residents, 2018**

Race and age of mother	Number of prenatal visits								
	Total	None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
<b>Total</b>	47,211	403	1,836	7,911	32,364	3,431	513	78	675
Under 15	7	--	0	--	--	--	0	0	0
<b>Total 15-19</b>	1,601	31	125	398	888	102	21	0	36
15-17	363	11	29	86	203	24	--	0	6
18-19	1,238	20	96	312	685	78	17	0	30
20-24	9,890	91	474	1,673	6,565	788	118	19	162
25-29	15,927	119	539	2,507	11,223	1,122	153	22	242
30-34	12,598	85	430	2,031	8,927	860	106	15	144
35-39	5,870	52	206	1,031	3,970	444	79	14	74
40-44	1,135	14	45	229	695	103	33	--	15
45 and over	174	8	17	41	87	9	--	7	--
<b>White</b>	41,012	276	1,296	6,505	28,806	3,072	435	66	556
Under 15	6	--	0	--	--	0	0	0	0
<b>Total 15-19</b>	1,280	22	89	305	729	91	18	0	26
15-17	265	7	19	61	153	19	--	0	--
18-19	1,015	15	70	244	576	72	15	0	23
20-24	8,593	60	325	1,362	5,884	716	98	14	134
25-29	13,979	86	384	2,080	10,047	1,015	136	21	210
30-34	11,018	51	303	1,689	7,989	764	90	13	119
35-39	5,053	35	153	845	3,495	390	66	12	57
40-44	940	13	32	189	585	87	25	--	8
45 and over	136	7	10	34	68	8	--	5	--
<b>Black</b>	785	14	63	182	446	49	10	0	21
Under 15	0	0	0	0	0	0	0	0	0
<b>Total 15-19</b>	44	0	5	12	22	--	0	0	--
15-17	16	0	--	--	9	--	0	0	--
18-19	28	0	--	8	13	--	0	0	--
20-24	189	--	13	45	110	8	--	0	6
25-29	269	6	17	67	154	19	--	0	--
30-34	168	--	18	35	93	13	--	0	--
35-39	88	--	9	19	47	6	--	0	--
40-44	26	0	--	--	20	0	0	0	--
45 and over	--	0	0	0	0	--	0	0	0
<b>Native American</b>	556	23	63	119	290	45	7	--	7
Under 15	0	0	0	0	0	0	0	0	0
<b>Total 15-19</b>	44	--	5	12	20	--	--	0	--
15-17	14	--	--	--	7	0	--	0	0
18-19	30	--	--	8	13	2	--	0	--
20-24	146	5	18	37	73	9	--	0	--
25-29	168	5	16	32	97	14	--	0	--
30-34	132	6	16	20	70	17	--	0	--
35-39	38	--	--	11	17	--	0	--	0
40-44	6	--	0	--	--	0	0	0	0
45 and over	22	--	6	5	10	0	0	0	0

**Table A9 continued. Births by race and age of mother and number of prenatal visits:  
Utah residents, 2018**

Race and age of mother	Number of prenatal visits								
	Total	None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
<b>Asian and Pacific Islander</b>	1,879	39	146	405	1,134	95	23	--	33
Under 15	0	0	0	0	0	0	0	0	0
Total 15-19	43	--	--	14	20	0	0	0	--
15-17	9	0	--	--	5	0	0	0	0
18-19	34	--	--	11	15	0	0	0	--
20-24	299	13	38	72	144	14	6	--	10
25-29	601	11	52	137	364	26	--	0	9
30-34	564	8	37	104	375	31	--	--	5
35-39	296	5	11	63	191	17	6	0	--
40-44	68	0	--	13	36	7	5	0	--
45 and over	8	0	0	--	--	0	--	--	0
<b>Other races</b>	2,066	21	165	461	1,232	119	33	--	32
Under 15	--	0	0	0	0	0	0	0	0
Total 15-19	153	--	20	46	76	6	--	0	--
15-17	47	--	6	11	24	--	0	0	--
18-19	106	0	14	35	52	--	--	0	--
20-24	513	5	46	123	293	32	7	--	5
25-29	637	5	43	119	408	42	10	--	9
30-34	451	6	28	117	266	17	8	0	9
35-39	249	--	23	48	149	17	--	0	5
40-44	58	0	--	8	37	--	--	0	--
45 and over	--	0	--	0	--	0	0	0	0
<b>Not stated</b>	913	30	103	239	456	51	5	--	26
Under 15	0	0	0	0	0	0	0	0	0
Total 15-19	37	--	--	9	21	--	0	0	--
15-17	12	--	--	--	5	--	0	0	--
18-19	25	--	--	6	16	0	0	0	0
20-24	150	--	34	34	61	9	--	--	6
25-29	273	6	27	72	153	6	--	0	7
30-34	265	11	28	66	134	18	--	--	6
35-39	146	5	8	45	71	11	--	0	5
40-44	37	0	--	13	14	5	0	0	--
45 and over	--	0	0	0	--	0	0	--	0

Note: Numbers may not add to total due to missing data.

**Table A10. Births by race of mother, gender, and birthweight of infant: Utah residents, 2018**

Race of mother and gender of infant	Total	Birthweight in grams									
		Under 1,000	1,000- 1,499	1,500- 1,999	2,000- 2,499	2,500- 2,999	3,000- 3,499	3,500- 3,999	4,000- 4,499	4,500 and over	
<b>Total</b>	47,211	262	251	620	2,270	8,773	19,449	12,418	2,776	389	
<b>Male</b>	24,205	147	136	309	1,053	3,840	9,503	7,128	1,819	269	
<b>Female</b>	23,004	114	115	311	1,216	4,933	9,946	5,290	957	120	
<b>White</b>	41,012	217	206	532	1,916	7,393	16,851	11,039	2,510	347	
<b>Male</b>	20,999	126	109	268	877	3,174	8,207	6,343	1,653	241	
<b>Female</b>	20,013	91	97	264	1,039	4,219	8,644	4,696	857	106	
<b>Black</b>	785	--	9	19	55	198	322	151	22	--	
<b>Male</b>	397	--	--	11	25	89	163	87	11	--	
<b>Female</b>	387	--	--	8	30	109	159	64	11	--	
<b>Native American</b>	556	5	5	7	30	97	214	145	47	6	
<b>Male</b>	296	--	--	--	17	47	111	90	23	--	
<b>Female</b>	260	--	--	--	13	50	103	55	24	--	
<b>Asian and Pacific Islander</b>	1,879	14	8	24	119	463	762	406	71	12	
<b>Male</b>	951	8	--	8	57	220	375	221	49	--	
<b>Female</b>	927	6	--	16	61	243	387	185	22	--	
<b>Other races</b>	2,066	14	13	23	106	447	921	455	74	13	
<b>Male</b>	1,075	6	9	12	53	228	446	259	54	8	
<b>Female</b>	991	8	--	11	53	219	475	196	20	5	
<b>Not stated</b>	913	8	10	15	44	175	379	222	52	7	
<b>Male</b>	487	--	5	9	24	82	201	128	29	6	
<b>Female</b>	426	5	5	6	20	93	178	94	23	--	

Note: Numbers may not add to total due to missing data.

**Table A11. Births by gestation period and birthweight of infant: Utah residents, 2018**

Gestation period in weeks	Total	Birthweight in grams									
		Under 1,000	1,000- 1,499	1,500- 1,999	2,000- 2,499	2,500- 2,999	3,000- 3,499	3,500- 3,999	4,000- 4,499	4,500 and over	
<b>Total</b>	47,211	262	251	620	2,270	8,773	19,449	12,418	2,776	389	
<b>Under 20</b>	26	26	0	0	0	0	0	0	0	0	
<b>20-27</b>	220	185	26	--	--	--	0	0	0	0	
<b>28-35</b>	2,302	48	218	506	876	492	136	22	--	--	
<b>36</b>	1,896	--	--	51	425	880	428	84	16	9	
<b>37</b>	5,061	0	--	44	510	1,926	1,955	517	88	17	
<b>38</b>	8,557	0	0	7	303	2,070	4,047	1,792	297	41	
<b>39</b>	19,066	--	0	7	123	2,632	8,889	6,041	1,220	153	
<b>40</b>	7,735	--	0	--	24	647	3,158	2,979	816	108	
<b>41</b>	2,246	0	--	--	6	118	809	946	313	52	
<b>42</b>	94	0	0	--	0	--	25	36	23	5	
<b>43</b>	5	0	0	0	0	0	--	--	0	--	
<b>44</b>	0	0	0	0	0	0	0	0	0	0	

Note: Numbers may not add to total due to missing data.

**Table A12. Births by number of previous births, age, and education of mother: Utah residents, 2018**

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 degree	Master degree	Doctorate	Not stated
<b>Total</b>	47,211	3,693	9,322	11,454	5,187	12,978	2,657	616	1,304
<b>Under 20</b>	1,608	688	684	161	11	0	0	0	64
<b>20-29</b>	25,817	1,823	6,108	7,223	2,936	6,373	683	90	581
<b>30 and over</b>	19,777	1,181	2,528	4,069	2,240	6,604	1,974	526	655
<b>No previous births</b>	15,938	1,126	3,310	3,952	1,658	4,290	958	278	366
<b>Under 20</b>	1,379	565	612	142	9	0	0	0	51
<b>20-29</b>	11,254	476	2,393	3,268	1,340	3,106	387	65	219
<b>30 and over</b>	3,303	84	305	542	309	1,183	571	213	96
<b>One previous birth</b>	13,254	846	2,699	3,214	1,399	3,661	875	214	346
<b>Under 20</b>	206	111	64	17	--	0	0	0	12
<b>20-29</b>	8,463	579	2,109	2,310	942	2,100	226	18	179
<b>30 and over</b>	4,584	156	526	886	455	1,561	649	196	155
<b>Two previous births</b>	8,972	691	1,732	2,182	1,053	2,502	473	70	269
<b>Under 20</b>	20	10	8	--	0	0	0	0	0
<b>20-29</b>	4,196	435	1,074	1,141	490	871	58	--	123
<b>30 and over</b>	4,754	246	649	1,039	563	1,631	415	66	145
<b>Three previous births</b>	5,176	501	922	1,196	637	1,503	235	39	143
<b>Under 20</b>	--	--	0	0	0	0	0	0	--
<b>20-29</b>	1,418	220	387	374	131	256	10	--	38
<b>30 and over</b>	3,754	279	534	822	506	1,247	225	37	104
<b>Four and over previous births</b>	3,862	528	658	908	440	1,022	115	15	176
<b>Under 20</b>	0	0	0	0	0	0	0	0	0
<b>20-29</b>	480	112	144	128	33	40	--	--	20
<b>30 and over</b>	3,381	416	514	780	407	982	113	14	155

Note: Numbers may not add to total due to missing data.

**Table A13. Births by age and education of parents: Utah residents, 2018**

Age of parents	Education of parents																	
	Total		Less than high school		High school graduate		Some college no degree		Associate degree		Bachelor degree		Master degree		Doctorate		Other	
	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother
Total	47,211	47,211	3,452	3,693	7,962	9,322	10,721	11,454	3,876	5,187	11,216	12,978	4,148	2,657	1,508	616	1,748	1,295
Under 15	--	7	--	6	0	0	0	0	0	0	0	0	0	0	0	0	--	0
15	7	27	7	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	23	96	20	88	--	0	0	--	0	0	0	0	0	0	0	0	--	6
17	93	240	67	177	14	50	--	--	0	0	0	0	0	0	0	0	10	9
18	146	447	58	186	69	225	9	23	--	0	0	0	0	0	0	0	9	13
19	350	791	113	204	164	409	50	132	--	11	0	0	0	0	0	0	19	35
20-24	5,689	9,890	730	964	1,888	3,221	2,007	3,141	477	1,012	336	1,290	21	38	--	--	218	222
25-29	13,506	15,927	814	859	2,536	2,887	3,725	4,082	1,343	1,924	3,749	5,083	729	645	165	89	416	357
30-34	13,146	12,598	747	609	1,800	1,698	2,752	2,709	1,124	1,428	3,966	4,390	1,700	1,104	586	288	442	369
35-39	7,968	5,870	508	411	934	657	1,469	1,129	658	678	2,283	1,845	1,231	724	525	200	340	223
40-44	2,702	1,135	260	145	365	131	508	193	200	117	661	334	362	133	173	33	148	48
45 and over	1,085	174	121	16	188	42	196	38	72	17	219	35	104	13	58	5	121	8
Not stated	2,494	9	5	--	--	--	--	--	0	0	--	--	0	0	0	24	--	2,456

Note: Numbers may not add to total due to missing data.

**Table A14. Births to unmarried mothers by age and education of parents: Utah residents 2018**

Age of parents	Education of parents																	
	Total		Less than high school		High school graduate		Some college no degree		Associate degree		Bachelor degree		Master degree		Doctorate		Other	
	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother
Total	9,091	9,091	1,629	2,076	2,694	3,620	1,271	2,046	239	453	245	357	45	74	12	25	676	437
Under 15	--	7	--	6	0	0	0	0	0	0	0	0	0	0	0	0	--	0
15	7	27	7	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	21	91	18	86	--	0	0	0	0	0	0	0	0	0	0	0	--	5
17	87	218	63	161	13	46	--	--	0	0	0	0	0	0	0	0	9	7
18	127	388	51	163	60	194	7	18	--	0	0	0	0	0	0	0	8	13
19	262	593	91	164	127	322	26	74	0	--	0	0	0	0	0	0	15	29
20-24	1,811	3,026	473	588	885	1,476	275	724	25	105	14	34	0	0	0	0	132	99
25-29	1,879	2,328	378	424	787	914	419	622	84	143	46	108	0	15	--	--	141	99
30-34	1,316	1,478	267	249	463	452	281	406	64	118	67	116	7	26	--	8	145	103
35-39	811	755	166	163	220	176	163	173	35	67	66	81	20	22	--	9	125	61
40-44	358	166	71	42	85	37	67	25	22	16	36	17	10	8	--	--	45	18
45 and over	208	10	42	--	52	--	32	0	8	0	16	--	8	--	--	--	42	0
Not stated	2,202	--	0	--	0	--	0	0	0	0	0	0	0	0	0	13	--	2,189

Note: Numbers may not add to total due to missing data.

**Table A15. Births to unmarried mothers by health district, county, and age of mother: Utah residents, 2018**

Health district and county	Age of mother										
	Total	Under 15		15 to 19			45 and over				
		Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44
<b>Total</b>	9,091	7	1,317	336	981	3,026	2,328	1,478	755	166	10
<b>Bear River</b>	384	--	49	12	37	131	101	66	31	5	0
<b>Box Elder</b>	154	0	23	6	17	59	44	20	8	0	0
<b>Cache</b>	227	--	25	6	19	71	57	45	23	5	0
<b>Rich</b>	--	0	--	0	--	--	0	--	0	0	0
<b>Central Utah</b>	200	0	33	14	19	63	55	33	12	--	0
<b>Juab</b>	32	0	5	--	--	7	10	6	--	--	0
<b>Millard</b>	29	0	--	--	--	11	10	--	--	0	0
<b>Plute</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Sanpete</b>	75	0	16	7	9	26	16	10	6	--	0
<b>Sevier</b>	57	0	8	--	5	17	17	13	--	--	0
<b>Wayne</b>	7	0	--	--	--	--	--	0	0	--	0
<b>Davis</b>	775	--	113	26	87	231	219	140	53	18	0
<b>Salt Lake</b>	4,093	--	553	147	406	1,342	1,055	676	373	81	8
<b>San Juan</b>	69	0	11	--	9	25	15	11	6	--	0
<b>Southeastern</b>	139	0	16	6	10	50	38	18	15	--	0
<b>Carbon</b>	78	0	9	5	--	30	18	13	7	--	0
<b>Emery</b>	23	0	--	0	--	8	7	--	--	--	0
<b>Grand</b>	38	0	--	--	--	12	13	--	6	0	0
<b>Southwest</b>	677	0	111	30	81	227	167	101	57	14	0
<b>Beaver</b>	28	0	--	--	--	14	--	7	--	0	0
<b>Garfield</b>	7	0	0	0	0	--	--	--	--	0	0
<b>Iron</b>	137	0	24	5	19	49	35	18	9	--	0
<b>Kane</b>	21	0	5	--	--	7	--	--	--	--	0
<b>Washington</b>	484	0	80	23	57	154	123	71	45	11	0
<b>Summit</b>	79	0	6	--	--	20	20	15	16	--	0
<b>Tooele</b>	216	0	34	9	25	86	49	31	16	0	0
<b>TriCounty</b>	240	0	50	11	39	93	54	23	17	--	0
<b>Daggett</b>	--	0	--	0	--	0	0	0	--	0	0
<b>Duchesne</b>	79	0	20	--	16	37	14	--	5	0	0
<b>Uintah</b>	159	0	29	7	22	56	40	20	11	--	0
<b>Utah County</b>	1,105	--	173	37	136	364	258	194	92	19	--
<b>Wasatch</b>	96	0	13	7	6	31	20	18	11	--	0
<b>Weber-Morgan</b>	1,018	0	155	33	122	363	277	152	56	14	--
<b>Morgan</b>	6	0	0	0	0	--	--	--	0	0	0
<b>Weber</b>	1,012	0	155	33	122	361	276	150	55	14	--

Note: Numbers may not add to total due to missing data.

**Table A16. Births by marital status of mother, race and age of mother: Utah residents, 2018**

Marital status and race of mother	Total	Age of mother									
		Under		15 to 19			45 and over				
		Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44
<b>Total</b>	47,211	7	1,601	363	1,238	9,890	15,927	12,598	5,870	1,135	174
White	41,012	6	1,280	265	1,015	8,593	13,979	11,018	5,053	940	136
Black	785	0	44	16	28	189	269	168	88	26	--
Native American	556	0	44	14	30	146	168	132	38	6	22
Asian and Pacific Islander	1,879	0	43	9	34	299	601	564	296	68	8
Other races	2,066	--	153	47	106	513	637	451	249	58	--
Not stated	913	0	37	12	25	150	273	265	146	37	--
Mother married	37,905	0	283	27	256	6,834	13,564	11,094	5,097	966	62
White	33,750	0	244	19	225	6,170	12,140	9,872	4,449	819	53
Black	475	0	--	0	--	85	186	110	69	22	0
Native American	213	0	--	0	--	38	81	73	15	--	0
Asian and Pacific Islander	1,527	0	7	0	7	189	497	506	269	55	--
Other races	1,270	0	19	--	15	269	437	321	179	42	--
Not stated	670	0	7	--	--	83	223	212	116	25	--
Mother unmarried	9,091	7	1,317	336	981	3,026	2,328	1,478	755	166	10
White	7,100	6	1,036	246	790	2,398	1,810	1,128	592	118	8
Black	308	0	41	16	25	103	83	58	18	--	--
Native American	301	0	40	14	26	106	82	51	19	--	0
Asian and Pacific Islander	347	0	36	9	27	110	103	58	26	13	--
Other races	793	--	134	43	91	242	200	130	70	16	0
Not stated	242	0	30	8	22	67	50	53	30	12	0
Not Stated	215	0	--	0	--	30	35	26	18	--	102
White	162	0	0	0	0	25	29	18	12	--	75
Black	--	0	0	0	0	--	0	0	--	0	0
Native American	42	0	--	0	--	--	5	8	--	0	22
Asian and Pacific Islander	5	0	0	0	0	0	--	0	--	0	--
Other races	--	0	0	0	0	--	0	0	0	0	--
Not stated	--	0	0	0	0	0	0	0	0	0	--

**Table A17. Births by age of mother and birthweight of infant: Utah residents, 2018**

Age of mother	Total	Birthweight in grams													
		Under		1,000-		1,500-		2,000-		2,500-		3,000-	3,500-	4,000-	4,500 and over
		Total	1,000	1,499	1,999	2,499	2,999	3,499	3,999	4,499					
<b>Total</b>	47,211	262	251	620	2,270	8,773	19,449	12,418	2,776				389		
<b>Under 15</b>	7	0	0	--	--	0	--	--	--				0		
<b>Total 15-19</b>	1,601	14	16	23	102	386	710	283	60				7		
<b>15-17</b>	363	--	--	--	25	87	164	59	18				--		
<b>18-19</b>	1,238	11	14	20	77	299	546	224	42				5		
<b>20-24</b>	9,890	49	49	121	480	1,991	4,239	2,437	474				50		
<b>25-29</b>	15,927	85	64	165	689	2,890	6,712	4,218	977				127		
<b>30-34</b>	12,598	59	58	181	600	2,237	4,987	3,570	796				108		
<b>35-39</b>	5,870	46	47	105	323	1,013	2,292	1,589	380				75		
<b>40-44</b>	1,135	--	12	18	65	226	435	276	80				20		
<b>45 and over</b>	174	6	5	6	9	30	69	39	8				--		

Note: Numbers may not add to total due to missing data.

**Table A18. Births by birthweight of infant and tobacco use of mother (trimester cigarettes are first used): Utah residents, 2018**

Birthweight in grams	Tobacco use of mother					
	Total	Yes	Trimester cigarettes are first used			No
			1st	2nd	3rd	
<b>Total</b>	47,211	2,015	1,240	1,053	1,008	44,457
<b>Under 1,000</b>	262	19	10	11	--	231
<b>1,000-1,499</b>	251	21	12	12	9	221
<b>1,500-1,999</b>	620	46	25	23	23	557
<b>2,000-2,499</b>	2,270	189	138	131	128	2,027
<b>2,500-2,999</b>	8,773	584	391	354	354	8,042
<b>3,000-3,499</b>	19,449	749	458	360	340	18,400
<b>3,500-3,999</b>	12,418	328	164	128	119	11,934
<b>4,000-4,499</b>	2,776	67	35	28	26	2,671
<b>4,500 and over</b>	389	12	7	6	6	371

Note: Numbers may not add to total due to missing data.

**Table A19. Births by five-minute Apgar score and birthweight of infant: Utah residents, 2018**

Five minute Apgar score	Total	Birthweight in grams									
		Under 1,000	1,000- 1,499	1,500- 1,999	2,000- 2,499	2,500- 2,999	3,000- 3,499	3,500- 3,999	4,000- 4,499	4,500 and over	
<b>Total</b>	47,211	262	251	620	2,270	8,773	19,449	12,418	2,776	389	
<b>0</b>	24	12	--	--	--	--	--	--	0	0	
<b>1</b>	99	63	5	--	5	--	11	5	0	--	
<b>2</b>	60	16	5	--	6	9	12	7	--	0	
<b>3</b>	85	14	0	7	8	16	26	9	5	0	
<b>4</b>	106	11	--	8	19	24	21	14	5	0	
<b>5</b>	271	11	7	18	26	57	92	44	15	--	
<b>6</b>	511	20	27	23	65	106	157	73	29	11	
<b>7</b>	1,414	36	34	72	167	259	461	278	93	14	
<b>8</b>	6,336	42	89	193	456	1,210	2,254	1,572	435	85	
<b>9</b>	36,279	22	71	278	1,458	6,748	15,535	9,850	2,059	258	
<b>10</b>	1,774	0	--	--	44	298	785	515	112	15	
<b>Not stated</b>	255	15	7	9	15	42	91	47	21	--	

Note: Numbers may not add to total due to missing data.

**Table A20. Births to mothers of Hispanic origin by age of mother, health district, and county: Utah residents, 2018**

Health district and county	Total	Age of mother									
		Under 15		15 to 19			45 and over				
		Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44
<b>Total</b>	8,101	5	673	179	494	2,058	2,388	1,786	931	237	23
<b>Bear River</b>	329	--	23	5	18	87	81	81	38	18	0
<b>Box Elder</b>	78	0	9	--	8	24	19	17	7	--	0
<b>Cache</b>	251	--	14	--	10	63	62	64	31	16	0
<b>Rich</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Central Utah</b>	102	0	5	--	--	39	32	14	8	--	0
<b>Juab</b>	9	0	0	0	0	--	--	0	--	0	0
<b>Millard</b>	30	0	0	0	0	10	10	5	--	--	0
<b>Piute</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Sanpete</b>	40	0	--	--	--	16	10	6	--	--	0
<b>Sevier</b>	23	0	--	0	--	10	8	--	0	--	0
<b>Wayne</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Davis</b>	603	0	41	8	33	126	199	142	76	18	--
<b>Salt Lake</b>	3,697	--	345	94	251	931	1,047	816	431	110	15
<b>San Juan</b>	14	0	0	0	0	--	--	6	--	0	0
<b>Southeastern</b>	69	0	5	--	--	22	29	5	7	--	0
<b>Carbon</b>	39	0	--	--	0	12	18	--	--	0	0
<b>Emery</b>	10	0	--	0	--	--	--	--	--	--	0
<b>Grand</b>	20	0	--	--	--	8	7	--	--	0	0
<b>Southwest</b>	426	0	42	12	30	117	112	87	53	13	--
<b>Beaver</b>	18	0	0	0	0	--	6	7	--	0	0
<b>Garfield</b>	--	0	0	0	0	--	--	0	0	0	0
<b>Iron</b>	69	0	7	--	5	23	19	11	6	--	0
<b>Kane</b>	--	0	--	0	--	0	0	0	0	0	0
<b>Washington</b>	334	0	34	10	24	88	86	68	46	10	--
<b>Summit</b>	81	0	5	--	--	16	25	15	17	--	0
<b>Tooele</b>	149	0	10	--	7	45	44	29	19	--	0
<b>TriCounty</b>	82	0	10	--	7	16	28	19	7	--	0
<b>Daggett</b>	--	0	0	0	0	0	0	--	0	0	0
<b>Duchesne</b>	33	0	--	0	--	8	11	7	--	0	0
<b>Uintah</b>	48	0	7	--	--	8	17	11	--	--	0
<b>Utah County</b>	1,663	--	93	19	74	406	528	404	185	41	--
<b>Wasatch</b>	89	0	9	6	--	23	27	16	12	--	--
<b>Weber-Morgan</b>	797	0	85	22	63	227	233	152	76	24	0
<b>Morgan</b>	--	0	0	0	0	0	--	--	0	0	0
<b>Weber</b>	794	0	85	22	63	227	232	151	75	24	0

Note: Numbers may not add to total due to missing data.

**Table A21. Births to mothers of Hispanic origin by race and age of mother and number of prenatal visits: Utah residents, 2018**

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	
<b>Total</b>	8,101	138	512	1,677	4,970	541	101	15	147	
Under 15	5	0	0	0	--	--	0	0	0	
<b>Total 15 to 19</b>	673	15	57	173	358	39	10	0	21	
15-17	179	5	14	46	95	12	--	0	5	
18-19	494	10	43	127	263	27	8	0	16	
<b>20-24</b>	2,058	36	151	441	1,236	146	21	5	22	
<b>25-29</b>	2,388	43	136	450	1,519	159	28	--	51	
<b>30-34</b>	1,786	27	97	379	1,126	104	22	--	29	
<b>35-39</b>	931	13	55	189	568	73	11	--	18	
<b>40-44</b>	237	--	13	41	150	18	7	0	5	
<b>45 and over</b>	23	--	--	--	9	--	--	--	--	
 <b>White</b>	 5,794	 112	 322	 1,164	 3,608	 405	 62	 11	 110	
Under 15	--	0	0	0	--	0	0	0	0	
<b>Total 15 to 19</b>	500	12	37	123	273	30	8	0	17	
15-17	123	--	8	34	67	7	--	0	--	
18-19	377	9	29	89	206	23	7	0	14	
<b>20-24</b>	1,460	31	90	298	898	110	12	--	18	
<b>25-29</b>	1,684	36	87	319	1,073	109	18	--	41	
<b>30-34</b>	1,288	19	65	253	833	85	13	--	18	
<b>35-39</b>	669	10	33	135	412	56	7	--	13	
<b>40-44</b>	170	--	8	32	109	14	--	0	--	
<b>45 and over</b>	19	--	--	--	6	--	--	--	--	
 <b>Black</b>	 101	 --	 11	 18	 58	 8	 --	 0	 --	
Under 15	0	0	0	0	0	0	0	0	0	
<b>Total 15 to 19</b>	8	0	0	--	5	--	0	0	--	
15-17	--	0	0	0	--	--	0	0	--	
18-19	--	0	0	--	--	0	0	0	0	
<b>20-24</b>	33	0	--	8	20	--	0	0	0	
<b>25-29</b>	24	0	--	--	15	--	0	0	--	
<b>30-34</b>	27	--	--	--	14	--	--	0	--	
<b>35-39</b>	8	0	0	--	--	--	0	0	0	
<b>40-44</b>	--	0	0	0	--	0	0	0	0	
<b>45 and over</b>	0	0	0	0	0	0	0	0	0	

**Table A21 continued. Births to mothers of Hispanic origin by race and age of mother and number of prenatal visits: Utah residents, 2018**

Race and age of mother	Number of prenatal visits								Not stated
	Total	None	1-5	6-9	10-14	15-18	19-27	28 and over	
<b>Native American</b>	75	--	5	15	44	5	--	--	--
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	9	0	0	--	--	--	--	0	--
15-17	5	0	0	--	--	0	--	0	0
18-19	--	0	0	--	--	--	0	0	--
20-24	25	0	--	5	14	--	0	0	0
25-29	23	--	--	--	15	--	0	0	0
30-34	13	-	0	--	8	0	0	0	--
35-39	5	-	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
	0								
<b>Asian and Pacific Islander</b>	62	--	8	11	31	5	5	0	0
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	--	--	0	--	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0
18-19	--	--	0	--	0	0	0	0	0
20-24	27	--	6	5	12	--	--	0	0
25-29	16	0	--	--	8	--	--	0	0
30-34	5	0	0	--	--	--	0	0	0
35-39	8	0	0	--	6	--	0	0	0
40-44	--	0	0	0	--	0	--	0	0
45 and over	0	0	0	0	0	0	0	0	0
<b>Other race</b>	2,021	20	161	453	1,208	115	30	--	31
Under 15	--	0	0	0	0	--	0	0	0
Total 15 to 19	152	--	20	46	75	6	--	0	--
15-17	46	--	6	11	23	--	0	0	--
18-19	106	0	14	35	52	--	--	0	--
20-24	507	--	45	122	291	32	7	--	--
25-29	627	5	42	116	404	42	8	--	9
30-34	438	6	27	115	259	15	7	0	9
35-39	235	--	22	46	140	15	--	0	5
40-44	57	0	--	8	36	--	--	0	--
45 and over	--	0	--	0	--	0	0	0	0
<b>Not stated</b>	48	--	5	16	21	--	--	0	--
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	--	0	0	0	--	--	0	0	0
15-17	--	0	0	0	0	--	0	0	0
18-19	--	0	0	0	--	0	0	0	0
20-24	6	0	--	--	--	0	0	0	0
25-29	14	--	--	6	--	--	--	0	0
30-34	15	0	--	--	9	--	0	0	0
35-39	6	0	0	--	--	0	0	0	0
40-44	5	0	--	--	--	0	0	0	--
45 and over	0	0	0	0	0	0	0	0	0

Note: Numbers may not add to total due to missing data.

**Table A22. Births to mothers of Hispanic origin by marital status of mother and race and age of mother: Utah residents, 2018**

Marital status and race of mother	Total	Age of mother									
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over
<b>Total</b>	8,101	5	673	179	494	2,058	2,388	1,786	931	237	23
<b>White</b>	5,794	--	500	123	377	1,460	1,684	1,288	669	170	19
<b>Black</b>	101	0	8	--	--	33	24	27	8	--	0
<b>Native American</b>	75	0	9	5	--	25	23	13	5	0	0
<b>Asian and Pacific Islander</b>	62	0	--	0	--	27	16	5	8	--	0
<b>Other races</b>	2,021	--	152	46	106	507	627	438	235	57	--
<b>Not Stated</b>	48	0	--	--	--	6	14	15	6	5	0
<b>Mother married</b>	4,920	0	77	10	67	1,020	1,636	1,313	678	184	12
<b>White</b>	3,526	0	56	5	51	717	1,156	967	487	134	9
<b>Black</b>	46	0	--	0	--	13	16	10	5	--	0
<b>Native American</b>	36	0	0	0	0	7	16	9	--	0	0
<b>Asian and Pacific Islander</b>	34	0	0	0	0	12	9	--	7	--	0
<b>Other races</b>	1,244	0	19	--	15	268	429	314	169	42	--
<b>Not Stated</b>	34	0	--	--	0	--	10	10	6	--	0
<b>Mother unmarried</b>	3,157	5	596	169	427	1,030	748	470	252	53	--
<b>White</b>	2,247	--	444	118	326	737	524	318	181	36	--
<b>Black</b>	55	0	7	--	--	20	8	17	--	0	0
<b>Native American</b>	39	0	9	5	--	18	7	--	--	0	0
<b>Asian and Pacific Islander</b>	28	0	--	0	--	15	7	--	--	--	0
<b>Other races</b>	774	--	133	42	91	237	198	124	66	15	0
<b>Not Stated</b>	14	0	--	0	--	--	--	5	0	--	0
<b>Not stated</b>	24	0	0	0	0	8	--	--	--	0	8
<b>White</b>	21	0	0	0	0	6	--	--	--	0	7
<b>Black</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Native American</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Asian and Pacific Islander</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Other races</b>	--	0	0	0	0	2	0	0	0	0	--
<b>Not Stated</b>	0	0	0	0	0	0	0	0	0	0	0

Note: Numbers may not add to total due to missing data.

**Table A23. Births and deaths by community: Utah occurrences and Utah residents, 2018**

Health district, county, and city	Birth occurrence	Birth residence	Death occurrence	Death residence
<b>Total</b>	48,218	47,211	19,028	18,366
<b>Bear River</b>	2,836	2,934	880	1,020
Box Elder	459	789	311	404
Bear River City	--	16	--	6
Brigham City	323	291	152	169
Corinne	--	21	--	9
Deweyville	0	--	--	5
Elwood	0	9	--	5
Fielding	0	15	--	6
Garland	--	71	12	27
Honeyville	5	16	6	12
Howell	0	5	--	--
Mantua	0	7	--	8
Perry	0	48	19	27
Plymouth	0	--	--	6
Portage	--	7	--	--
Snowville	0	5	--	--
Tremonton	125	203	76	75
Willard	--	33	13	22
<b>Box Elder balance</b>	0	36	12	17
<b>Cache</b>	2,377	2,114	558	603
Amalga	0	9	--	--
Clarkston	0	5	--	6
Cornish	0	5	--	--
Hyde Park	--	60	24	29
Hyrum	--	152	26	38
Lewiston	--	43	7	10
Logan	2,265	994	294	230
Mendon	-	24	--	8
Millville	0	24	5	7
Newton	0	8	5	7
Nibley	--	112	9	13
North Logan	90	132	93	72
Paradise	0	18	0	--
Providence	--	107	28	44
Richmond	0	48	6	10
River Heights	--	32	5	11
Smithfield	--	231	24	68
Trenton	0	14	--	--
Wellsville	--	63	9	20
<b>Cache balance</b>	--	33	14	21
<b>Rich</b>	0	31	11	13
Garden City	0	13	6	6
Laketown	0	--	--	--
Randolph	0	8	--	--
Woodruff	0	7	0	--
<b>Rich balance</b>	0	--	--	--

**Table A23 continued. Births and deaths by community: Utah occurrences and Utah residents, 2018**

Health district, county, and city	Birth occurrence	Birth residence	Death occurrence	Death residence
<b>Central Utah</b>	<b>787</b>	<b>1,055</b>	<b>518</b>	<b>624</b>
Juab	133	189	68	70
Eureka	0	6	5	9
Levan	0	9	7	12
Mona	0	20	--	11
Nephi	115	115	47	35
Rocky Ridge	17	30	0	--
Juab balance	--	9	5	--
Millard	122	168	91	98
Delta	83	66	45	42
Fillmore	37	45	26	21
Hinckley	--	14	--	--
Holden	0	10	0	--
Kanosh	0	8	--	11
Leamington	--	5	0	0
Lynndyl	0	--	--	--
Meadow	0	--	--	--
Oak City	0	12	--	--
Scipio	0	--	--	--
Millard balance	0	--	8	--
Piute	0	21	10	27
Circleville	0	10	--	10
Junction	0	5	--	5
Kingston	0	--	0	--
Marysvale	0	--	--	6
Piute balance	0	--	--	--
Sanpete	272	366	162	199
Centerfield	--	21	27	19
Ephraim	--	93	14	24
Fairview	0	26	9	21
Fayette	0	--	--	--
Fountain Green	0	14	--	9
Gunnison	141	27	32	19
Manti	--	50	12	28
Mayfield	0	--	--	5
Moroni	--	26	8	12
Mount Pleasant	122	73	42	38
Spring City	--	9	--	9
Sterling	0	--	--	--
Wales	0	--	--	--
Sanpete balance	0	16	--	8
Sevier	260	285	170	203
Annabella	0	5	--	--
Aurora	0	11	5	10
Central Valley	0	7	--	6
Elsinore	0	21	6	17
Glenwood	--	7	--	--
Joseph	--	--	--	--
Koosharem	0	--	--	--
Monroe	0	25	24	33
Redmond	0	12	6	8
Richfield	258	135	88	72
Salina	0	39	17	27
Sigurd	0	11	--	5
Sevier balance	0	6	9	12

**Table A23 continued. Births and deaths by community: Utah occurrences and Utah residents, 2018**

Health district, county, and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Wayne	0	26	17	27
Bicknell	0	6	--	--
Hanksville	0	--	--	--
Loa	0	8	--	5
Lyman	0	--	--	--
Torrey	0	--	--	--
Wayne balance	0	--	8	11
 Davis	 2,041	 5,302	 1,673	 1,875
Bountiful	406	742	494	414
Centerville	--	247	48	85
Clearfield	5	517	201	189
Clinton	--	364	88	100
Farmington	12	321	64	111
Fruit Heights	0	69	14	32
Hill AFB	--	118	--	--
Hooper	0	15	--	--
Kaysville	--	442	91	148
Layton	1,585	1,156	436	397
North Salt Lake	--	339	42	70
South Weber	--	97	12	27
Sunset	--	106	25	47
Syracuse	--	395	74	118
West Bountiful	--	69	14	22
West Point	--	127	36	50
Woods Cross	--	166	23	38
Davis balance	0	12	8	20
 Salt Lake	 19,833	 16,036	 7,770	 6,814
Alta	0	--	--	0
Bluffdale	14	340	21	36
Cottonwood Heights	8	264	126	154
Draper (pt.)	739	549	164	156
Herriman	22	821	65	86
Holladay	47	303	213	221
Kearns	--	445	143	240
Magna	5	433	100	174
Midvale	12	579	160	206
Millcreek	1,960	182	220	176
Murray	4,500	599	1,057	354
Riverton	2,336	580	156	138
Salt Lake City	7,183	3924	3,176	2,116
Sandy	969	1,229	519	670
South Jordan	20	949	328	372
South Salt Lake	--	115	53	62
Taylorsville	45	842	286	395
West Jordan	1,510	1,663	446	461
West Valley City	459	2,129	531	697
Salt Lake Co balance	0	89	5	100
 San Juan	 150	 182	 96	 126
Blanding	98	62	41	33
(Montezuma Creek)	0	15	--	10
Monticello	46	27	15	17
(Monument Valley)	0	19	--	5
San Juan balance	6	59	34	61

**Table A23 continued. Births and deaths by community: Utah occurrences and Utah residents, 2018**

Health district, county, and city	Birth occurrence	Birth residence	Death occurrence	Death residence
<b>Southeastern</b>	368	476	361	409
Carbon	287	255	205	213
East Carbon-Sunnyside	0	19	12	30
Helper	0	43	16	33
Price	287	165	162	116
Scofield	0	0	0	--
Wellington	0	19	7	19
Carbon balance	0	9	8	14
<b>Emery</b>	--	121	65	103
Castle Dale	0	17	10	18
Clawson	0	--	--	--
Cleveland	0	14	0	--
Elmo	0	11	5	8
Emery	--	8	--	--
Ferron	0	16	14	19
Green River	0	13	7	8
Huntington	0	21	11	29
Orangeville	0	15	--	11
Emery balance	0	5	11	5
<b>Grand</b>	80	100	91	93
Castle Valley	--	--	--	--
Moab	79	82	78	83
Grand balance	0	16	10	6
<b>Southwest</b>	3,522	3,211	2,101	1,987
Beaver	54	114	63	67
Beaver City	54	56	49	50
Milford	0	32	11	8
Minersville	0	18	--	6
Beaver balance	0	8	--	--
Garfield	24	54	60	67
Antimony	0	--	--	--
Boulder	0	--	5	7
Bryce Canyon City	0	--	0	--
Cannonville	0	--	0	--
Escalante	--	15	13	20
Hatch	0	--	--	5
Henrieville	0	--	--	--
Panguitch	23	19	29	18
Tropic	0	--	--	8
Garfield balance	0	--	6	--
Iron	851	790	289	334
Brian Head	0	0	0	0
Cedar City	843	619	232	241
Enoch	8	93	26	37
Kannaraville	0	6	--	--
Paragonah	0	11	--	--
Parowan	0	39	15	31
Iron balance	0	22	14	19

**Table A23 continued. Births and deaths by community: Utah occurrences and Utah residents, 2018**

Health district, county, and city	Birth occurrence	Birth residence	Death occurrence	Death residence
<b>Kane</b>	43	78	83	81
Alton	--	6	0	--
Big Water	0	0	5	5
Glendale	0	5	--	--
Kanab	42	53	58	58
Orderville	0	10	6	5
<b>Kane balance</b>	0	--	12	10
<b>Washington</b>	2,550	2,175	1,606	1,438
Apple Valley	0	16	--	--
Enterprise	--	37	10	19
Hildale	29	25	--	--
Hurricane	9	236	96	145
Ivins	--	79	86	75
La Verkin	--	67	13	23
Leeds	0	7	9	12
New Harmony	--	11	7	13
Rockville	0	--	--	--
St George	2,481	1,185	1,184	847
Santa Clara	9	98	26	41
Springdale	0	--	6	7
Toquerville	--	25	5	15
Virgin	--	9	--	5
Washington City	6	346	121	169
<b>Washington balance</b>	--	31	31	57
<b>Summit</b>	330	405	110	149
Coalville	0	43	--	13
Francis	0	14	--	5
Henefer	0	17	--	7
Kamas	0	56	10	18
Oakley	0	17	11	9
Park City	328	237	59	72
<b>Summit balance</b>	--	21	19	25
<b>Tooele</b>	480	956	310	382
Grantsville	--	163	38	62
Ophir	0	0	0	0
Rush Valley	0	--	--	--
Stansbury Park	--	154	25	42
Stockton	--	20	--	9
Tooele	470	533	207	222
Vernon	0	--	--	--
Wendover	0	27	--	--
<b>Tooele balance</b>	--	54	28	37

**Table A23 continued. Births and deaths by community: Utah occurrences and Utah residents, 2018**

Health district, county, and city	Birth occurrence	Birth residence	Death occurrence	Death residence
TriCounty	886	937	336	408
Daggett	0	7	6	8
Dutch John	0	--	--	--
Manila	0	--	5	7
Daggett balance	0	--	0	0
Duchesne	612	374	143	149
Altamont	0	18	5	--
Duchesne City	--	42	10	21
Myton	0	20	7	10
Roosevelt	610	236	84	75
Tabiona	0	10	--	--
Duchesne balance	0	48	35	36
Uintah	274	556	187	251
Ballard	--	11	7	14
Naples	0	--	--	--
Vernal	270	468	147	175
Uintah balance	--	75	32	61
Utah	11,061	11,515	2,729	2,599
Alpine	--	91	27	48
American Fork	2,797	497	254	205
Cedar Fort	--	7	0	--
Cedar Hills	--	124	53	56
Eagle Mountain	61	868	38	62
Elk Ridge	--	67	16	19
Fairfield	0	--	--	0
Genola	--	18	5	8
Goshen	0	17	5	9
Highland	8	189	63	75
Lehi	785	1,386	190	179
Lindon	--	159	64	71
Mapleton	--	126	41	60
Orem	2,604	1,842	506	551
Payson	528	394	182	132
Pleasant Grove	11	651	84	160
Provo	4,188	2,151	820	426
Salem	--	98	18	37
Santaquin	11	262	42	52
Saratoga Springs	13	687	26	42
Spanish Fork	15	778	124	168
Springville	16	700	126	165
Vineyard	5	339	6	9
Woodland Hills	--	11	--	6
Utah Co balance	0	52	35	56

**Table A23 continued. Births and deaths by community: Utah occurrences and Utah residents, 2018**

Health district, county, and city	Birth occurrence	Birth residence	Death occurrence	Death residence
<b>Wasatch</b>	187	435	135	146
Charleston	0	0	--	--
Daniel	0	--	0	0
Heber	184	345	88	97
Hideout	0	9	0	--
Independence	0	0	0	0
Interlaken	0	0	0	0
Midway	--	62	22	36
Park City	0	0	0	0
Wallsburg	0	13	--	6
Wasatch balance	0	5	19	--
<b>Weber-Morgan</b>	5,737	3,767	2,009	1,827
Morgan	5	130	46	67
Morgan City	--	93	38	52
Morgan balance	--	37	8	15
Weber	5,732	3,637	1,963	1,760
Farr West	--	70	37	42
Harrisville	0	95	21	35
Hooper	--	79	22	36
Huntsville	--	20	10	18
Marriott-Slaterville	0	13	10	14
North Ogden	5	209	73	121
Ogden	3,711	1,703	1,268	815
Plain City	--	81	11	26
Pleasant View	0	107	23	48
Riverdale	5	117	22	47
Roy	--	594	184	279
South Ogden	35	165	128	98
Uintah	0	8	10	10
Washington Terrace	1,962	95	65	48
West Haven	--	216	56	68
Weber balance	--	65	23	55

Note: Numbers may not add to total due to missing data.

**Table A24. Births, births under 1,500 grams and births under 2,500 grams, fetal deaths, and infant deaths by institution by health district, and county: Utah occurrences, 2018**

Health district, county, and institution of occurrence	Total births	Low birthweight			
		Under 1,500 grams	1,500 to under 2,500 grams	Fetal deaths	Infant deaths
Total	48,218	547	3,050	327	287
Bear River	2,836	6	143	15	--
Box Elder	459	0	21	--	0
Bear River Valley Hospital	118	0	7	--	0
Brigham City Community Hospital	295	0	12	--	0
Home	20	0	--	0	0
Other locations	26	0	0	0	0
Cache	2,377	6	122	12	--
Cache Valley Specialty Hospital	88	--	--	0	0
Logan Regional Hospital	2,249	5	119	12	--
Primary Children's Hospital	0	0	0	0	0
Home	38	0	0	0	--
Other locations	--	0	0	0	0
Rich	0	0	0	0	0
Central Utah	787	--	18	--	--
Juab	133	--	--	--	--
Central Valley Medical Center	113	--	--	--	--
Home	20	0	--	0	0
Other locations	0	0	0	0	0
Millard	122	0	--	0	0
Delta Community Hospital	82	0	--	0	0
Fillmore Community Hospital	37	0	--	0	0
Home	3	0	--	0	0
Other locations	0	0	0	0	0
Piute	0	0	0	0	0
Sanpete	272	--	6	--	--
Gunnison Valley Hospital	141	--	5	--	--
Sanpete Valley Hospital	109	0	--	--	0
Home	22	0	0	0	0
Other locations	0	0	0	0	0
Sevier	260	0	5	--	0
Sevier Valley Hospital	252	0	5	--	0
Home	--	0	0	0	0
Other locations	--	0	0	0	0
Wayne	0	0	0	0	0
Davis	2,041	9	122	8	8
Davis Hospital and Medical Center	1,483	9	93	6	--
Intermountain Layton Hospital	82	0	--	0	0
Lakeview Hospital	387	0	24	--	--
Home	80	0	--	0	--
Other locations	9	0	0	0	0
Salt Lake	19,833	295	1,420	161	179
Alta View Hospital	940	8	32	11	--
Intermountain Medical Center	4,383	106	374	42	37
Jordan Valley Medical Center	1,453	14	110	12	--
Jordan Valley Med Cntr West Valley Campus	397	--	31	--	--
LDS Hospital	2,096	--	93	12	--
Lone Peak Hospital	708	--	29	--	--

**Table A24 continued. Births, births under 1,500 grams and births under 2,500 grams, fetal deaths, and infant deaths by institution by health district, and county: Utah occurrences, 2018**

Health district, county, and institution of occurrence	Total births	Low birthweight		Fetal deaths	Infant deaths
		Under 1,500 grams	1,500 to under 2,500 grams		
Pioneer Valley Hospital	0	0	0	0	0
Primary Children's Hospital	0	0	0	0	63
Riverton Hospital	2,329	7	103	11	--
St. Mark's Hospital	1,931	29	160	11	--
St. Mark's - Taylorsville	0	0	0	0	0
Salt Lake Regional Medical Center	637	0	20	--	0
University of Utah Hospital	4,362	120	460	52	49
Home	385	--	7	0	9
Other locations	212	0	--	0	--
San Juan	150	0	5	--	0
Blue Mountain Hospital	97	0	--	0	0
Monument Valley Health Care	0	0	0	0	0
San Juan Hospital	46	0	--	--	0
Home	7	0	0	0	0
Other locations	0	0	0	0	0
Southeastern	368	--	16	5	--
Carbon	287	--	15	--	0
Castleview Hospital	284	--	13	--	0
Home	--	0	--	0	0
Other locations	0	0	0	0	0
Emery	--	0	0	0	0
Home	--	0	0	0	0
Other locations	0	0	0	0	0
Grand	80	--	--	--	--
Moab Regional Hospital	79	--	--	--	--
Home	--	0	0	0	0
Other locations	0	0	0	0	0
Southwest	3,522	41	193	25	17
Beaver	54	-	-	0	0
Beaver Valley Hospital	54	--	--	0	0
Milford Valley Memorial Hospital	0	0	0	0	0
Home	0	0	0	0	0
Other locations	0	0	0	0	0
Garfield	24	0	0	0	0
Garfield Memorial Hospital	23	0	0	0	0
Home	--	0	0	0	0
Other locations	0	0	0	0	0
Iron	851	--	39	--	--
Cedar City Hospital	834	--	38	--	--
Intermountain Medical Center	0	0	0	0	0
Home	17	0	--	0	0
Other locations	0	0	0	0	0
Kane	43	0	--	0	0
Kane County Hospital	41	0	--	0	0
Home	--	0	0	0	0
Other locations	0	0	0	0	0
Washington	2,550	37	149	23	14
Dixie Regional Medical Center	2,404	37	148	23	14
Home	99	0	--	0	0
Other locations	47	0	0	0	0

**Table A24 continued. Births, births under 1,500 grams and births under 2,500 grams, fetal deaths, and infant deaths by institution by health district, and county: Utah occurrences, 2018**

Health district, county, and institution of occurrence	Total births	Low birthweight		Fetal deaths	Infant deaths
		Under 1,500 grams	1,500 to under 2,500 grams		
Summit	330	0	16	--	0
Park City Hospital	321	0	16	--	0
Home	9	0	0	0	0
Other locations	0	0	0	0	0
Tooele	480	--	23	--	--
Mountain West Medical Center	450	--	22	--	--
Home	20	0	0	0	--
Other locations	10	0	--	0	0
TriCounty	886	--	52	--	5
Daggett	0	0	0	0	0
Duchesne	612	--	41	--	--
Uintah Basin Medical Center	610	--	41	--	--
Home	--	0	0	0	0
Other locations	0	0	0	0	0
Uintah	274	--	11	--	--
Ashley Regional Medical Center	261	--	11	--	--
Home	12	0	0	0	--
Other locations	--	0	0	0	0
Utah County	11,061	112	624	66	44
American Fork Hospital	2,785	5	113	15	--
Mountain View Hospital	520	--	22	5	--
Lone Peak Hospital	--	0	0	0	0
Mountain Point Medical Center	732	0	21	--	0
Orem Community Hospital	902	--	25	--	--
Timpanogos Regional Hospital	1,615	20	123	13	8
Utah Valley Hospital	4,148	84	313	28	25
Home	257	0	7	0	--
Other locations	101	0	0	0	0
Wasatch	187	0	8	--	0
Heber Valley Hospital	176	0	7	--	0
Home	11	0	--	0	0
Other locations	0	0	0	0	0
Weber-Morgan	5,737	58	391	30	26
Morgan	5	0	0	0	0
Home	5	0	0	0	0
Other locations	0	0	0	0	0
Weber	5,732	58	391	30	26
McKay-Dee Hospital	3,658	34	250	25	13
Ogden Regional Medical Center	1,961	24	139	5	11
Home	47	0	--	0	--
Other locations	66	0	--	0	0
Not stated	0	15	19	0	0

**Table A25. Fetal deaths by health district, county, and age of mother: Utah residents, 2018**

Health district and county	Total	Age of woman										
		Under 15	Total	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over
		15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over			
<b>Total</b>	316	0	10	--	7	55	88	93	48	21	--	--
<b>Bear River</b>	18	0	0	0	0	6	5	--	--	0	0	0
<b>Box Elder</b>	5	0	0	0	0	--	--	--	--	0	0	0
<b>Cache</b>	13	0	0	0	0	5	--	--	--	0	0	0
<b>Rich</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Central Utah</b>	6	0	0	0	0	--	--	--	0	0	0	0
<b>Juab</b>	--	0	0	0	0	0	--	0	0	0	0	0
<b>Millard</b>	--	0	0	0	0	0	0	--	0	0	0	0
<b>Piute</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sanpete</b>	--	0	0	0	0	--	--	0	0	0	0	0
<b>Sevier</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Wayne</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Davis</b>	36	0	--	0	--	7	9	7	7	--	--	--
<b>Salt Lake</b>	114	0	6	--	5	13	35	35	17	8	0	0
<b>San Juan</b>	--	0	0	0	0	0	0	--	0	0	0	0
<b>Southeastern</b>	7	0	0	0	0	--	--	--	--	0	0	0
<b>Emery</b>	--	0	0	0	0	--	0	--	0	0	0	0
<b>Grand</b>	--	0	0	0	0	--	0	0	0	0	0	0
<b>Carbon</b>	--	0	0	0	0	0	--	--	--	0	0	0
<b>Southwest</b>	24	0	0	0	0	--	5	12	--	0	0	0
<b>Beaver</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Garfield</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Iron</b>	--	0	0	0	0	--	0	--	0	0	0	0
<b>Kane</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Washington</b>	20	0	0	0	0	--	5	10	--	0	0	0
<b>Summit</b>	--	0	0	0	0	--	0	--	--	0	0	0
<b>Tooele</b>	9	0	--	--	0	--	--	--	--	--	--	0
<b>TriCounty</b>	--	0	0	0	0	--	--	--	0	0	0	0
<b>Daggett</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Duchesne</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Uintah</b>	--	0	0	0	0	--	--	0	0	0	0	0
<b>Utah County</b>	69	0	--	--	0	12	21	18	13	--	0	0
<b>Wasatch</b>	--	0	0	0	0	0	0	0	--	0	0	0
<b>Weber-Morgan</b>	23	0	--	0	--	6	6	6	0	--	0	0
<b>Morgan</b>	-	0	--	0	--	0	--	0	0	0	0	0
<b>Weber</b>	21	0	0	0	0	6	5	6	0	--	0	0

Note: Numbers may not add to total due to missing data.

**Table A26. Fetal deaths by selected causes and gender: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Code	Total	Gender	
			Male	Female
<b>Total</b>		316	151	154
<b>Certain infectious and parasitic diseases</b>				
1 Congenital syphilis	A00-B99	0	0	0
2 Human immunodeficiency virus (HIV) disease	A50	0	0	0
3 Other viral diseases	B20-B24	0	0	0
4 Other and unspecified infectious and parasitic diseases	A80-B19, B25-B34 A00-A49, A51-A79, B35-B99	0	0	0
<b>5 Malignant neoplasms</b>	C00-C97	0	0	0
<b>6 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior</b>	D00-D48	5	0	5
<b>7 Anemias</b>	D50-D64	0	0	0
<b>Endocrine, nutritional and metabolic diseases</b>	E00-E88	0	0	0
8 Short stature, not elsewhere classified	E34.3	0	0	0
9 Cystic fibrosis	E84	0	0	0
10 Other endocrine, nutritional and metabolic diseases	E00-E32, E34.0- E34.2, E34.4-E34.9, E40-E83, E85-E88	0	0	0
<b>11 Meningitis</b>	G00, G03	0	0	0
<b>12 Other diseases of nervous system and sense organs</b>	G04-H93	0	0	0
<b>13 Umbilical hernia</b>	K42	0	0	0
<b>14 Other hernia</b>	K40-K41, K43-K46	0	0	0
<b>15 Other and unspecified diseases of digestive system</b>	K00-K38, K50-K92	0	0	0
<b>16 All other diseases, excluding perinatal conditions, congenital anomalies, and symptoms, signs and ill defined conditions</b>	D65-D89, I00-J98, L00-N98	0	0	0
<b>Certain conditions originating in the perinatal period</b>	P00-P96	273	130	132
<b>Fetus affected by maternal conditions that may be unrelated to present pregnancy</b>	P00	18	8	8
17 Fetus affected by maternal hypertensive disorders	P00.0	14	7	5
18 Fetus affected by maternal renal and urinary tract diseases	P00.1	0	0	0
19 Fetus affected by maternal infectious and parasitic diseases	P00.2	0	0	0
20 Fetus affected by other maternal circulatory and respiratory diseases	P00.3	--	0	--
21 Fetus affected by maternal nutritional disorders	P00.4	0	0	0
22 Fetus affected by maternal injury	P00.5	--	0	--
23 Fetus affected by surgical procedure on mother	P00.6	0	0	0
24 Fetus affected by other medical procedures and maternal conditions	P00.7-P00.8	--	--	--
25 Fetus affected by unspecified maternal condition	P00.9	0	0	0
<b>Fetus affected by maternal complications of pregnancy</b>	P01	37	14	22
26 Fetus affected by incompetent cervix	P01.0	--	--	--
27 Fetus affected by premature rupture of membranes	P01.1	21	9	12
28 Fetus affected by oligohydramnios	P01.2	--	--	--
29 Fetus affected by polyhydramnios	P01.3	--	0	--
30 Fetus affected by ectopic pregnancy	P01.4	0	0	0
31 Fetus affected by multiple pregnancy	P01.5	5	--	--
32 Fetus affected by maternal death	P01.6	0	0	0
33 Fetus affected by malpresentation before labor	P01.7	0	0	0
34 Fetus affected by other and unspecified maternal complications of pregnancy	P01.8-P01.9	--	0	--
<b>Fetus affected by complications of placenta, cord and membranes</b>	P02	90	43	44
35 Fetus affected by placenta previa	P02.0	0	0	0
36 Fetus affected by other forms of placental separation and hemorrhage	P02.1	17	6	10
37 Fetus affected by other and unspecified morphological and functional abnormalities of placenta	P02.2	18	8	8
38 Fetus affected by placental transfusion syndromes	P02.3	--	--	0
39 Fetus affected by prolapsed cord	P02.4	0	0	0
40 Fetus affected by other compression of umbilical cord	P02.5	32	15	17

**Table A26 continued. Fetal deaths by selected causes and gender: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Code	Gender		
		Total	Male	Female
41 Fetus affected by other and unspecified conditions of umbilical cord	P02.6	15	10	5
42 Fetus affected by chorioamnionitis	P02.7	6	--	--
43 Fetus affected by other and unspecified abnormalities of membranes	P02.8-P02.9	0	0	0
<b>Fetus affected by other complications of labor and delivery</b>	<b>P03</b>	5	--	--
44 Fetus affected by breach delivery and extraction	P03.0	--	--	0
45 Fetus affected by other malpresentation, malposition, and disproportion during labor and delivery	P03.1	0	0	0
46 Fetus affected by forceps delivery	P03.2	0	0	0
47 Fetus affected by delivery by vacuum extractor (ventouse)	P03.3	0	0	0
48 Fetus affected by cesarean delivery	P03.4	0	0	0
49 Fetus affected by precipitate delivery	P03.5	0	0	0
50 Fetus affected by abnormal uterine contractions	P03.6	0	0	0
51 Fetus affected by other and unspecified complications of labor and delivery	P03.8-P03.9	--	--	--
<b>Fetus affected by noxious influences transmitted via placenta</b>	<b>P04</b>	--	0	--
<b>Slow fetal growth and fetal malnutrition</b>	<b>P05</b>	--	0	--
<b>Disorders related to short gestation and low birth weight, not elsewhere classified</b>	<b>P07</b>	--	0	--
54 Extremely low birth weight or extreme immaturity	P07.0, P07.2	--	0	--
55 Other low birth weight and preterm	P07.1, P07.3	0	0	0
<b>Disorders related to long gestation and high birth weight</b>	<b>P08</b>	0	0	0
56 Exceptionally large size and other heavy for gestational age fetus	P08.0-P08.1	0	0	0
57 Post-term, not heavy for gestational age fetus	P08.2	0	0	0
<b>Birth trauma</b>	<b>P10-P15</b>	0	0	0
58 Intracranial laceration and hemorrhage due to birth injury and other injuries to central nervous system	P10-P11	0	0	0
59 Other birth trauma	P12-P15	0	0	0
<b>Intrauterine hypoxia and birth asphyxia</b>	<b>P20-P21</b>	0	0	0
60 Intrauterine hypoxia first noted before onset of labor	P20.0	0	0	0
61 Intrauterine hypoxia first noted during labor and delivery	P20.1	0	0	0
62 Intrauterine hypoxia, unspecified	P20.9	0	0	0
63 Birth asphyxia	P21	0	0	0
<b>Other respiratory conditions originating in the perinatal period</b>	<b>P22.8-P22.9, P23-P28</b>	--	0	--
64 Congenital pneumonia	P23	0	0	0
65 Aspiration syndromes	P24	0	0	0
66 Interstitial emphysema and related conditions originating in the perinatal period	P25	0	0	0
67 Atelectasis	P28.0-P28.1	0	0	0
68 Other respiratory system disorders	P22.8-P22.9, P26-P27, P28.2-P28.9	--	0	--
<b>Infections specific to the perinatal period</b>	<b>P35-P39</b>	0	0	0
69 Congenital rubella syndrome	P35.0	0	0	0
70 Congenital cytomegalovirus infection	P35.1	0	0	0
71 Congenital herpes viral (herpes simplex) infection	P35.2	0	0	0
72 Congenital viral hepatitis	P35.3	0	0	0
73 Bacterial sepsis	P36	0	0	0
74 Congenital tuberculosis	P37.0	0	0	0
75 Congenital toxoplasmosis	P37.1	0	0	0
76 Other infections specific to the perinatal period	P35.8-P35.9, P37.2-P37.9, P38-P39	0	0	0
<b>Fetal hemorrhage</b>	<b>P50-P54</b>	--	0	--
<b>Hemolytic disease of fetus</b>	<b>P55-P56</b>	0	0	0
78 Rh isoimmunization of fetus	P55.0	0	0	0
79 ABO isoimmunization of fetus	P55.1	0	0	0
80 Other hemolytic disease of fetus	P55.8-P55.9	0	0	0
81 Hydrops fetalis due to hemolytic disease	P56	0	0	0
<b>Perinatal jaundice</b>	<b>P57-P59</b>	0	0	0
<b>Hematological disorders</b>	<b>P60-P61</b>	0	0	0

**Table A26 continued. Fetal deaths by selected causes and gender: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Code	Total	Gender	
			Male	Female
<b>Transitory endocrine and metabolic disorders specific to fetus</b>	<b>P70-P74</b>	5	--	--
84 Syndrome of infant of a diabetic mother and neonatal diabetes mellitus	P70.0-P70.2	5	--	--
85 Other transitory endocrine and metabolic disorders specific to fetus	P70.3-P70.9, P71-P74	0	0	0
<b>86 Digestive system disorders of fetus</b>	<b>P76-P78</b>	0	0	0
<b>Other conditions originating in the perinatal period</b>	<b>P29, P80-P96</b>	112	59	49
87 Hydrops fetalis not due to hemolytic disease	P83.2	9	--	7
88 Fetal death of unspecified cause	P95	103	57	42
89 Withdrawal symptoms from maternal use of drugs of addiction	P96.1	0	0	0
90 Termination of pregnancy	P96.4	0	0	0
91 Complications of intrauterine procedures, not elsewhere classified	P96.5	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	0	0	0
93 Condition originating in the perinatal period, unspecified	P96.9	0	0	0
<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>Q00-Q99</b>	37	21	16
<b>Congenital malformations of nervous system</b>	<b>Q00-Q07</b>	6	5	--
94 Anencephaly and similar malformations	Q00	--	--	--
95 Encephalocele	Q01	0	0	0
96 Microcephaly	Q02	--	--	0
97 Congenital hydrocephalus	Q03	--	--	0
98 Reduction deformities of brain	Q04.0-Q04.3	0	0	0
99 Other congenital malformations of brain	Q04.4-Q04.9	0	0	0
100 Spina bifida	Q05	0	0	0
101 Other congenital malformations of spinal cord and nervous system	Q06-Q07	0	0	0
<b>102 Congenital malformations of eye, ear, face and neck</b>	<b>Q10-Q18</b>	0	0	0
<b>103 Congenital malformations of heart</b>	<b>Q20-Q24</b>	6	--	--
<b>104 Congenital malformations of circulatory system</b>	<b>Q25-Q28</b>	--	--	0
105 Congenital malformations of lung	Q33	0	0	0
<b>106 Other congenital malformations of respiratory system</b>	<b>Q30-Q32, Q34</b>	--	--	0
<b>107 Congenital malformations of digestive system</b>	<b>Q35-Q45</b>	0	0	0
<b>108 Congenital malformations of genital organs</b>	<b>Q50-Q56</b>	0	0	0
<b>Congenital malformations of urinary system</b>	<b>Q60-Q64</b>	--	--	0
109 Renal agenesis and other reduction defects of kidney	Q60	--	--	0
110 Cystic kidney disease	Q61	0	0	0
111 Other congenital malformations of urinary system	Q62-Q64	--	--	0
<b>112 Congenital malformations and deformations of musculoskeletal system, limbs and integument</b>	<b>Q65-Q85</b>	--	--	--
<b>Other congenital malformations</b>	<b>Q86-Q89</b>	15	6	9
113 Conjoined twins	Q89.4	--	--	0
114 Multiple congenital malformations, not elsewhere classified	Q89.7	--	--	0
115 All other congenital malformations	Q86-Q87, Q89.0- Q89.3, Q89.8-Q89.9	0	0	0
116 Chromosomal abnormalities, not elsewhere classified	Q90-Q99	12	--	9
117 Down syndrome	Q90	--	--	0
118 Edward syndrome	Q91.0-Q91.3	--	--	--
119 Patau syndrome	Q91.4-Q91.7	0	0	0
119 Other chromosomal abnormalities, not elsewhere classified	Q92-Q99	7	0	7
<b>120 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>R83-R94</b>	0	0	0
<b>External causes of mortality</b>	<b>*U01, V01-Y84</b>	--	0	--
121 Accidents (unintentional injuries)	V01-X59	--	0	--
122 Assault (homicide)	*U01, X85-Y09	0	0	0
123 Complications of medical and surgical care	Y40-Y84	0	0	0
124 Other external causes	Y10-Y36	0	0	0

Cause of death is ordered alphabetically by ICD-10 code.

\*An asterisk has been used since 2001 to code large unprecedented events not specifically classified, i.e., Centers for disease control, MMWR 51 (special issue), website: <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm51SPa7.htm>.

Note: Numbers may not add to total due to missing data.

**Table A27. Deaths to infants by race and age of infant, health district, and county: Utah residents, 2018**

Health district and county	Total Number	White Number	Black Number	Native American Number	Asian and Pacific Islander Number	Other Number
<b>Total</b>	255	204	9	7	21	13
Bear River	6	6	0	0	0	0
Box Elder	--	--	0	0	0	0
Cache	--	--	0	0	0	0
Rich	0	0	0	0	0	0
<b>Central Utah</b>	5	5	0	0	0	0
Juab	--	--	0	0	0	0
Millard	0	0	0	0	0	0
Piute	0	0	0	0	0	0
Sanpete	--	--	0	0	0	0
Sevier	--	--	0	0	0	0
Wayne	0	0	0	0	0	0
Davis	36	29	--	--	--	0
Salt Lake	104	77	6	--	15	5
San Juan	--	--	0	0	0	0
<b>Southeastern</b>	--	--	0	0	--	0
Carbon	0	0	0	0	0	0
Emery	0	0	0	0	0	0
Grand	--	--	0	0	--	0
<b>Southwest</b>	17	14	0	--	0	--
Beaver	0	0	0	0	0	0
Garfield	--	--	0	0	0	0
Iron	7	7	0	0	0	0
Kane	0	0	0	0	0	0
Washington	8	6	0	--	0	--
Summit	0	0	0	0	0	0
Tooele	5	5	0	0	0	0
<b>TriCounty</b>	6	6	0	0	0	0
Daggett	0	0	0	0	0	0
Duchesne	0	0	0	0	0	0
Uintah	6	6	0	0	0	0
<b>Utah County</b>	56	46	--	--	--	5
<b>Wasatch</b>	--	--	0	0	0	0
<b>Weber-Morgan</b>	16	13	0	--	0	--
Weber	15	12	0	--	0	--
Morgan	--	--	0	0	0	0

Note: Numbers may not add to total due to missing data.

**Table A28. Deaths to infants by selected causes and gender: Utah residents, 2018**

Cause of death (10th rev.)		ICD-10 Code	Sex	Total
<b>Total</b>			T	255
			M	154
			F	100
<b>Certain infectious and parasitic diseases</b>		<b>A00-B99</b>	T	10
			M	9
			F	--
1	Certain intestinal infectious diseases	A00-A08	T	0
			M	0
			F	0
2	Diarrhea and gastroenteritis of infectious origin	A09	T	0
			M	0
			F	0
3	Tuberculosis	A16-A19	T	--
			M	--
			F	0
4	Tetanus	A33, A35	T	0
			M	0
			F	0
5	Diphtheria	A36	T	0
			M	0
			F	0
6	Whooping cough	A37	T	0
			M	0
			F	0
7	Meningococcal infection	A39	T	0
			M	0
			F	0
8	Septicemia	A40-A41	T	0
			M	0
			F	0
9	Congenital syphilis	A50	T	--
			M	--
			F	--
10	Gonococcal infection	A54	T	0
			M	0
			F	0
	Viral diseases	A80-B34	T	0
			M	0
			F	0
11	Acute poliomyelitis	A80	T	0
			M	0
			F	0
12	Varicella (chickenpox)	B01	T	0
			M	0
			F	0
13	Measles	B05	T	0
			M	0
			F	0
14	Human immunodeficiency virus (HIV) disease	B20-B24	T	0
			M	0
			F	0
15	Mumps	B26	T	0
			M	0
			F	0

**Table A28 continued. Deaths to infants by selected causes and gender: Utah residents, 2018**

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total
16	Other and unspecified viral diseases	A81-B00, B02-B04,B06-B19,B25,B27-B34	T M F	0 0 0
17	Candidiasis	B37	T M F	-- -- 0
18	Malaria	B50-B54	T M F	0 0 0
19	Pneumocystosis	B59	T M F	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 M F	0 0 0
	<b>Neoplasms</b>	<b>C00-D48</b>	<b>T M F</b>	<b>-- 0 --</b>
	Malignant Neoplasms	C00-C97	T M F	-- 0 --
21	Hodgkin's disease and non-Hodgkin's lymphomas	C81-C85	T M F	0 0 0
22	Leukemia	C91-C95	T M F	-- 0 --
23	Other and unspecified malignant neoplasms	C00-C80, C88, C90, C96-C97	T M F	0 0 0
24	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	T M F	0 0 0
	<b>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</b>	<b>D50-D89</b>	<b>T M F</b>	<b>0 0 0</b>
25	Anemias	D50-D64	T M F	0 0 0
26	Hemorrhagic conditions and other diseases of blood and blood-forming organs	D65-D76	T M F	0 0 0
27	Certain disorders involving the immune mechanism	D80-D89	T M F	0 0 0
	<b>Endocrine, nutritional, and metabolic diseases</b>	<b>E00-E88</b>	<b>T M F</b>	<b>0 0 0</b>
28	Short stature, not elsewhere classified	E34.3	T M F	0 0 0

**Table A28 continued. Deaths to infants by selected causes and gender:  
Utah residents, 2018**

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total
29	Nutritional deficiencies	E40-E64	T M F	0 0 0
30	Cystic fibrosis	E84	T M F	0 0 0
31	Volume depletion, disorders of fluid, electrolyte and acid-base balance	E86-E87	T M F	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 M F	0 0 0
	<b>Diseases of the nervous system</b>	<b>G00-G98</b>	<b>T M F</b>	<b>0 0 0</b>
33	Meningitis	G00,G03	T M F	0 0 0
34	Infantile spinal muscular atrophy, type I (Werdnig-Hoffman)	G12.0	T M F	0 0 0
35	Infantile cerebral palsy	G80	T M F	0 0 0
36	Anoxic brain damage, not elsewhere classified	G93.1	T M F	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 M F	0 0 0
38	<b>Diseases of the ear and mastoid process</b>	<b>H60-H93</b>	<b>T M F</b>	<b>0 0 0</b>
	<b>Diseases of the circulatory system</b>	<b>I00-I99</b>	<b>T M F</b>	<b>-- -- 0</b>
39	Pulmonary heart disease and diseases of pulmonary circulation	I26-I28	T M F	0 0 0
40	Pericarditis, endocarditis and myocarditis	I30,I33,I40	T M F	-- -- 0
41	Cardiomyopathy	I42	T M F	0 0 0
42	Cardiac arrest	I46	T M F	0 0 0
43	Cerebrovascular diseases	I60-I69	T M F	0 0 0
44	All other diseases of circulatory system	I00-I25, I31, I34-I38, I44-I45, I47-I51, I70-I99	T M F	0 0 0

**Table A28 continued. Deaths to infants by selected causes and gender:  
Utah residents, 2018**

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total
	<b>Diseases of the respiratory system</b>	<b>J00-J98</b>	<b>T</b>	--
			<b>M</b>	0
			<b>F</b>	--
45	Acute upper respiratory infections	J00-J06	T	0
			M	0
			F	0
	Influenza and pneumonia	J09-J18	T	--
			M	0
			F	--
46	Influenza	J09-J11	T	--
			M	0
			F	--
47	Pneumonia	J12-J18	T	0
			M	0
			F	0
48	Acute bronchitis and acute bronchiolitis	J20-J21	T	0
			M	0
			F	0
49	Bronchitis, chronic and unspecified	J40-J42	T	0
			M	0
			F	0
50	Asthma	J45-J46	T	0
			M	0
			F	0
51	Pneumonitis due to solids and liquids	J69	T	0
			M	0
			F	0
52	Other and unspecified diseases of respiratory system	J22, J30-J39, J43-J44, J47-J68, J70-J98	T	0
			M	0
			F	0
	<b>Diseases of the digestive system</b>	<b>K00-K92</b>	<b>T</b>	0
			<b>M</b>	0
			<b>F</b>	0
53	Gastritis, duodenitis, and noninfective enteritis and colitis	K29,K50-K55	T	0
			M	0
			F	0
54	Hernia of abdominal cavity and intestinal obstruction without hernia	K40-K46, K56	T	0
			M	0
			F	0
55	All other and unspecified diseases of digestive system	K00-K28, K30-K38, K57-K92	T	0
			M	0
			F	0
	<b>Diseases of the genitourinary system</b>	<b>N00-N98</b>	<b>T</b>	0
			<b>M</b>	0
			<b>F</b>	0
56	Renal failure and other disorders of kidney	N17-N19,N25,N27	T	0
			M	0
			F	0
57	Other and unspecified diseases of genitourinary system	N00-N15,N20-N23,N26,N28-N95	T	0
			M	0
			F	0

**Table A28 continued. Deaths to infants by selected causes and gender:  
Utah residents, 2018**

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total
	<b>Certain conditions originating in the perinatal period</b>	<b>P00-P96</b>	<b>T</b>	<b>233</b>
			<b>M</b>	<b>140</b>
			<b>F</b>	<b>92</b>
	Newborn affected by maternal factors and by complications of pregnancy, labor and delivery	P00-P04	T	--
			M	--
			F	0
58	Newborn affected by maternal hypertensive disorders	P00.0	T	0
			M	0
			F	0
59	Newborn affected by other maternal conditions which may be unrelated to present pregnancy	P00.1-P00.9	T	--
	Newborn affected by maternal complications of pregnancy	P01	M	--
			F	0
60	Newborn affected by incompetent cervix	P01.0	T	0
			M	0
			F	0
61	Newborn affected by premature rupture of membranes	P01.1	T	0
			M	0
			F	0
62	Newborn affected by multiple pregnancy	P01.5	T	0
			M	0
			F	0
63	Newborn affected by other maternal complications of pregnancy	P01.2-P01.4, P01.6-P01.9	T	0
			M	0
			F	0
	Newborn affected by complications of placenta, cord and membranes	P02	T	--
			M	--
			F	--
64	Newborn affected by complications involving placenta	P02.0-P02.3	T	0
			M	0
			F	0
65	Newborn affected by complications involving cord	P02.4-P02.6	T	--
			M	--
			F	0
66	Newborn affected by chorioamnionitis	P02.7	T	0
			M	0
			F	0
67	Newborn affected by other and unspecified abnormalities of membranes	P02.8-P02.9	T	--
			M	--
			F	--
68	Newborn affected by other complications of labor and delivery	P03	T	0
			M	0
			F	0
69	Newborn affected by noxious influences transmitted via placenta or breast milk	P04	T	0
			M	0
			F	0
	Disorders related to length of gestation and fetal malnutrition	P05-P08	T	0
			M	0
			F	0
70	Slow fetal growth and fetal malnutrition	P05	T	0
			M	0
			F	0

**Table A28 continued. Deaths to infants by selected causes and gender:  
Utah residents, 2018**

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total
	Disorders related to short gestation and low birthweight, not elsewhere classified	P07	T M F	0 0 0
71	Extremely low birthweight or extreme immaturity	P07.0-P07.2	T M F	0 0 0
72	Other low birthweight or preterm	P07.1-P07.3	T M F	0 0 0
73	Disorders related to long gestation and high birthweight	P08	T M F	0 0 0
74	Birth trauma	P10-P15	T M F	0 0 0
	Intrauterine hypoxia and birth asphyxia	P20-P21	T M F	0 0 0
75	Intrauterine hypoxia	P20	T M F	0 0 0
76	Birth asphyxia	P21	T M F	0 0 0
77	Respiratory distress of newborn	P22	T M F	0 0 0
	Other respiratory conditions originating in the perinatal period	P23-P28	T M F	0 0 0
78	Congenital pneumonia	P23	T M F	0 0 0
79	Neonatal aspiration syndromes	P24	T M F	0 0 0
80	Interstitial emphysema and related conditions originating in the perinatal period	P25	T M F	0 0 0
81	Pulmonary hemorrhage originating in the perinatal period	P26	T M F	0 0 0
82	Chronic respiratory disease originating in the perinatal period	P27	T M F	0 0 0
83	Atelectasis	P28.0-P28.1	T M F	0 0 0
84	All other respiratory conditions originating in the perinatal period	P28.2-P28.9	T M F	0 0 0

**Table A28 continued. Deaths to infants by selected causes and gender:  
Utah residents, 2018**

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total
	Infections specific to the perinatal period	P35-P39	T	--
			M	--
			F	0
85	Bacterial sepsis of newborn	P36	T	--
			M	--
			F	0
86	Omphalitis of newborn with or without mild hemorrhage	P38	T	0
			M	0
			F	0
87	All other infections specific to the perinatal period	P35,P37,P39	T	0
			M	0
			F	0
	Hemorrhagic and hematological disorders of newborn	P50-P61	T	0
			M	0
			F	0
88	Neonatal hemorrhage	P50-P52,P54	T	0
			M	0
			F	0
89	Hemorrhagic disease of newborn	P53	T	0
			M	0
			F	0
90	Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice	P55-P59	T	0
			M	0
			F	0
91	Hematological disorders	P60-P61	T	0
			M	0
			F	0
92	Syndrome of infant of a diabetic mother and neonatal diabetes mellitus	P70.0-P70.2	T	127
			M	74
			F	52
93	Necrotizing enterocolitis of newborn	P77	T	68
			M	39
			F	29
94	Hydrops fetalis not due to hemolytic disease	P83.2	T	23
			M	14
			F	9
95	Other perinatal conditions	P29, P70.3-P70.9, P71-P76, P78-P81, P83.0-P83.1, P83.3-P83.9, P90-P96	T	7
			M	6
			F	--
	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>Q00-Q99</b>	<b>T</b>	<b>7</b>
			<b>M</b>	<b>--</b>
			<b>F</b>	<b>--</b>
96	Anencephaly and similar malformations	Q00	T	--
			M	0
			F	--
97	Congenital hydrocephalus	Q03	T	0
			M	0
			F	0
98	Spina bifida	Q05	T	0
			M	0
			F	0

**Table A28 continued. Deaths to infants by selected causes and gender:  
Utah residents, 2018**

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total
99	Other congenital malformations of nervous system	Q01-Q02, Q04, Q06-Q07	T M F	0 0 0
100	Congenital malformations of heart	Q20-Q24	T M F	0 0 0
101	Other congenital malformations of circulatory system	Q25-Q28	T M F	0 0 0
102	Congenital malformations of respiratory system	Q30-Q34	T M F	0 0 0
103	Congenital malformations of digestive system	Q35-Q45	T M F	0 0 0
104	Congenital malformations of genitourinary system	Q50-Q64	T M F	-- -- --
105	Congenital malformations and deformations of musculoskeletal system, limbs and integument	Q65-Q85	T M F	0 0 0
106	Down syndrome	Q90	T M F	0 0 0
107	Edward syndrome	Q91.0-Q91.3	T M F	0 0 0
108	Patau syndrome	Q91.4-Q91.7	T M F	-- -- --
109	Other congenital malformations and deformations	Q10-Q18, Q86-Q89	T M F	0 0 0
110	Other chromosomal abnormalities, not elsewhere classified	Q92-Q99	T M F	0 0 0
	<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>R00-R99</b>	<b>T M F</b>	<b>0 0 0</b>
111	Sudden infant death syndrome (SIDS)	R95	T M F	0 0 0
112	Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55-R94, R96-R99	T M F	0 0 0
113	All other diseases (residual)	F01-F99, H00-H57, L00-M99	T M F	-- 0 --

**Table A28 continued. Deaths to infants by selected causes and gender:  
Utah residents, 2018**

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total
	<b>External causes of mortality</b>	*U01, V01-Y84	T M F	0 0 0
	<b>Unintentional injuries</b>	V01-X59, Y85-Y86	T M F	0 0 0
	<b>Transport accidents</b>	V01-V99	T M F	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 M F	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 M F	0 0 0
116	Falls	W00-W19	T M F	0 0 0
117	Accidental discharge of firearms	W32-W34	T M F	0 0 0
118	Accidental drowning and submersion	W65-W74	T M F	0 0 0
119	Accidental suffocation and strangulation in bed	W75	T M F	0 0 0
120	Other accidental suffocation and strangulation	W76-W77, W81-W84	T M F	0 0 0
121	Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	W78-W80	T M F	0 0 0
122	Accidents caused by exposure to smoke, fire and flames	X00-X09	T M F	0 0 0

**Table A28 continued. Deaths to infants by selected causes and gender:  
Utah residents, 2018**

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total
123	Accidental poisoning and exposure to noxious substances	X40-X49	T M F	0 0 0
124	Other and unspecified accidents	W20-W31,W35-W64,W85-W99,X10-X39,X50-X59	T M F	0 0 0
	<b>Assault (homicide)</b>	<b>*U01, X85-Y09</b>	<b>T M F</b>	<b>0 0 0</b>
125	Assault (homicide) by hanging, strangulation and suffocation	X91	T M F	0 0 0
126	Assault (homicide) by discharge of firearms	*U01.4, X93-X95	T M F	0 0 0
127	Neglect, abandonment and other maltreatment syndromes	Y06-Y07	T M F	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 M F	0 0 0
129	Complications of medical and surgical care	Y40-Y84	T M F	0 0 0
130	Other external causes	X60-X84,Y10-Y36	T M F	0 0 0

Note: Numbers may not add to total due to missing data.

**Table A29. Deaths to infants under one year of age and fetal deaths by mother's health district and county: Utah residents, 2018**

Health district and county	Total under 1 year	Age						Fetal deaths	
		Infant mortality							
		Neonatal mortality							
		28 days to 1 year	7-27 days	1-6 days	1-24 hours	Under 1 hour	Perinatal mortality		
<b>Total</b>	255	18	69	46	61	60	316		
<b>Bear River</b>	6	--	--	--	--	--	18		
<b>Box Elder</b>	--	0	0	--	0	--	5		
<b>Cache</b>	--	--	--	0	--	0	13		
<b>Rich</b>	0	0	0	0	0	0	0		
<b>Central Utah</b>	5	0	--	0	--	--	6		
<b>Juab</b>	--	0	--	0	0	--	--		
<b>Millard</b>	0	0	0	0	0	0	--		
<b>Piute</b>	0	0	0	0	0	0	0		
<b>Sanpete</b>	--	0	0	0	--	0	--		
<b>Sevier</b>	--	0	0	0	--	0	0		
<b>Wayne</b>	0	0	0	0	0	0	0		
<b>Davis</b>	36	--	12	9	6	7	36		
<b>Salt Lake</b>	104	10	27	17	21	29	114		
<b>San Juan</b>	--	0	--	0	0	0	--		
<b>Southeastern</b>	--	0	--	0	0	--	7		
<b>Carbon</b>	0	0	0	0	0	0	--		
<b>Emery</b>	0	0	0	0	0	0	--		
<b>Grand</b>	--	0	--	0	0	--	--		
<b>Southwest</b>	17	--	--	--	--	5	24		
<b>Beaver</b>	0	0	0	0	0	0	0		
<b>Garfield</b>	--	0	0	--	0	--	0		
<b>Iron</b>	7	--	--	--	--	--	--		
<b>Kane</b>	0	0	0	0	0	0	0		
<b>Washington</b>	8	0	--	--	--	--	20		
<b>Summit</b>	0	0	0	0	0	0	--		
<b>Tooele</b>	5	0	--	0	--	--	9		
<b>TriCounty</b>	6	0	--	--	--	0	--		
<b>Daggett</b>	0	0	0	0	0	0	0		
<b>Duchesne</b>	0	0	0	0	0	0	0		
<b>Uintah</b>	6	0	--	--	--	0	--		
<b>Utah County</b>	56	--	13	12	15	12	69		
<b>Wasatch</b>	--	0	0	0	--	0	--		
<b>Weber-Morgan</b>	16	--	7	0	5	--	23		
<b>Morgan</b>	--	0	0	0	0	--	--		
<b>Weber</b>	15	--	7	0	5	--	21		

Note: Numbers may not add to total due to missing data.

**Table A30. Deaths by health district, county of residence, and month: Utah, 2018**

Health district and county	Total	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Total</b>	18,366	1,711	1,497	1,554	1,539	1,537	1,469	1,519	1,479	1,399	1,570	1,515	1,576
<b>Bear River</b>	1,020	94	97	98	92	79	81	75	71	70	78	93	92
<b>Box Elder</b>	404	37	43	36	35	28	30	31	33	29	33	37	32
<b>Cache</b>	603	56	54	62	57	48	50	41	37	41	44	55	58
<b>Rich</b>	13	--	0	0	0	--	--	--	--	0	--	--	--
<b>Central Utah</b>	624	61	54	45	55	47	57	44	62	47	51	53	48
<b>Juab</b>	70	9	6	9	--	8	5	--	7	--	--	8	--
<b>Millard</b>	98	8	13	7	8	6	9	7	9	--	5	11	12
<b>Piute</b>	27	5	--	--	--	--	--	0	--	5	--	--	0
<b>Sanpete</b>	199	17	18	13	14	13	18	17	20	17	17	15	20
<b>Sevier</b>	203	20	15	11	23	15	20	17	18	18	21	16	9
<b>Wayne</b>	27	--	--	--	5	--	--	0	7	--	--	--	--
<b>Davis</b>	1,875	201	163	144	154	161	142	124	159	157	171	144	155
<b>Salt Lake</b>	6,814	633	542	574	562	589	552	550	521	546	596	555	594
<b>San Juan</b>	126	13	10	10	15	8	11	10	9	6	12	12	10
<b>Southeastern</b>	409	37	30	36	36	38	30	30	35	33	34	41	29
<b>Carbon</b>	213	19	14	27	16	17	18	16	17	15	15	24	15
<b>Emery</b>	103	11	6	--	10	14	6	--	10	11	8	10	10
<b>Grand</b>	93	7	10	5	10	7	6	11	8	7	11	7	--
<b>Southwest</b>	1,987	199	158	162	166	158	157	191	158	141	159	166	172
<b>Beaver</b>	67	--	9	6	5	8	5	6	5	--	5	6	7
<b>Garfield</b>	67	7	6	--	7	10	--	6	--	5	5	6	6
<b>Iron</b>	334	33	25	34	26	27	24	27	39	15	31	29	24
<b>Kane</b>	81	9	13	8	--	--	11	--	8	8	--	5	9
<b>Washington</b>	1,438	149	105	111	125	110	113	151	104	109	115	120	126
<b>Summit</b>	149	16	6	14	8	11	12	16	7	14	17	12	16
<b>Tooele</b>	382	39	34	33	36	27	27	36	37	24	27	28	34
<b>TriCounty</b>	408	37	33	30	34	32	26	42	31	39	37	28	39
<b>Daggett</b>	8	--	--	0	0	--	--	--	--	0	0	0	--
<b>Duchesne</b>	149	17	10	9	10	15	8	18	11	10	18	12	11
<b>Uintah</b>	251	18	22	21	24	16	17	23	19	29	19	16	27
<b>Utah County</b>	2,599	216	215	244	228	230	190	226	205	177	232	217	218
<b>Wasatch</b>	146	12	13	14	8	13	8	21	12	16	6	9	14
<b>Weber-Morgan</b>	1,827	153	142	150	145	144	176	154	172	129	150	157	155
<b>Morgan</b>	67	8	--	7	5	--	6	--	11	6	--	5	--
<b>Weber</b>	1,760	145	138	143	140	140	170	150	161	123	147	152	151

Note: Numbers may not add to total due to missing data.

**Table A31. Deaths by health district, county, race, and gender: Utah residents, 2018**

Health district and county	Race and gender																				
	Total			White			Black			Native American			Asian and Pacific Islander			Other non-white			Not stated		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
<b>Total</b>	18,366	9,612	8,750	17,346	9,024	8,319	171	113	57	253	141	112	396	215	181	163	93	70	37	26	11
<b>Bear River</b>	1,020	536	484	993	521	472	--	--	0	8	--	--	12	6	6	--	--	--	0	0	0
<b>Box Elder</b>	404	224	180	392	218	174	0	0	0	5	--	--	7	--	--	0	0	0	0	0	0
<b>Cache</b>	603	305	298	588	296	292	--	--	0	--	--	--	5	--	--	--	--	--	0	0	0
<b>Rich</b>	13	7	6	13	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Central Utah</b>	624	344	280	621	341	280	0	0	0	--	--	0	0	0	0	0	0	0	0	0	0
<b>Juab</b>	70	37	33	70	37	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Millard</b>	98	54	44	98	54	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Piute</b>	27	13	14	27	13	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sanpete</b>	199	107	92	199	107	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sevier</b>	203	112	91	200	109	91	0	0	0	--	--	0	0	0	0	0	0	0	0	0	0
<b>Wayne</b>	27	21	6	27	21	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Davis</b>	1,875	889	985	1,795	846	948	22	14	8	10	--	7	41	23	18	5	--	--	--	--	--
<b>Salt Lake</b>	6,814	3,626	3,186	6,326	3,335	2,990	98	62	35	53	29	24	260	146	114	57	38	19	20	16	--
<b>San Juan</b>	126	76	50	55	32	23	0	0	0	70	43	27	0	0	0	--	--	0	0	0	0
<b>Southeastern</b>	409	230	179	400	225	175	--	0	--	--	--	--	--	--	--	--	--	0	--	--	0
<b>Carbon</b>	213	113	100	209	110	99	--	0	--	--	--	0	--	--	0	--	--	0	0	0	0
<b>Emery</b>	103	59	44	100	57	43	0	0	0	--	0	--	0	0	0	--	--	0	--	--	0
<b>Grand</b>	93	58	35	91	58	33	0	0	0	--	0	--	--	0	--	0	0	0	0	0	0
<b>Southwest</b>	1,987	1,047	940	1,912	1,005	907	7	--	--	29	16	13	16	10	6	20	11	9	--	--	--
<b>Beaver</b>	67	34	33	67	34	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Garfield</b>	67	30	37	64	30	34	0	0	0	--	0	--	0	0	0	0	0	0	--	0	--
<b>Iron</b>	334	168	166	322	164	158	--	0	--	9	--	5	0	0	0	--	0	--	0	0	0
<b>Kane</b>	81	41	40	80	40	40	0	0	0	--	--	0	0	0	0	0	0	0	0	0	0
<b>Washington</b>	1,438	774	664	1,379	737	642	6	--	--	17	11	6	16	10	6	18	11	7	--	--	0
<b>Summit</b>	149	80	69	145	78	67	--	--	0	0	0	0	--	--	--	0	0	0	0	0	0
<b>Tooele</b>	382	202	180	366	194	172	--	--	--	6	--	--	--	0	--	5	--	--	0	0	0
<b>TriCounty</b>	408	224	184	361	198	163	0	0	0	45	24	21	0	0	0	--	--	0	0	0	0
<b>Daggett</b>	8	7	--	8	7	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Duchesne</b>	149	82	67	135	75	60	0	0	0	14	7	7	0	0	0	0	0	0	0	0	0
<b>Uintah</b>	251	135	116	218	116	102	0	0	0	31	17	14	0	0	0	--	--	0	0	0	0
<b>Utah County</b>	2,598	1,332	1,266	2,501	1,284	1,217	11	7	--	8	6	--	40	22	18	32	10	22	6	--	--
<b>Wasatch</b>	146	69	77	145	69	76	0	0	0	--	0	--	0	0	0	0	0	0	0	0	0
<b>Weber-Morgan</b>	1,827	956	870	1,726	896	829	25	21	--	17	9	8	20	6	14	35	22	13	--	--	--
<b>Morgan</b>	67	33	34	67	33	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Weber</b>	1,760	923	836	1,659	863	795	25	21	--	17	9	8	20	6	14	35	22	13	--	--	--

Note: Numbers may not add to total due to missing data.

**Table A32. Deaths by age, race, and gender: Utah residents, 2018**

Age	Race and gender																				
	Total			White			Black			Native American			Asian and Pacific Islander			Other non-white			Not stated		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
<b>Total</b>	18,366	9,612	8,750	17,346	9,024	8,319	171	113	57	253	141	112	396	215	181	163	93	70	37	26	11
<b>Under 1 year</b>	255	154	100	204	125	79	9	7	--	7	5	--	21	12	9	13	5	8	--	0	--
<b>Under 1 month</b>	236	143	92	194	119	75	7	5	--	7	5	--	16	9	7	11	5	6	--	0	--
<b>Under 1 week</b>	167	98	68	138	82	56	5	--	--	--	--	--	12	7	5	8	--	--	--	0	--
<b>Under 1 day</b>	121	75	45	103	66	37	--	--	--	--	--	--	8	5	--	--	--	--	--	0	--
<b>Under 1 hour</b>	60	38	22	49	33	16	0	0	0	--	0	--	6	--	--	--	--	--	--	0	--
<b>1 to 4</b>	44	28	16	38	24	14	--	--	0	0	0	0	--	--	0	--	0	--	--	--	--
<b>5 to 9</b>	17	6	11	14	--	10	--	--	0	0	0	0	--	0	--	0	0	0	0	0	0
<b>10 to 14</b>	43	25	18	40	24	16	0	0	0	--	0	--	--	0	--	--	--	0	0	0	0
<b>15 to 19</b>	130	95	34	119	85	33	--	--	0	--	--	--	--	0	--	--	0	0	0	0	0
<b>20 to 24</b>	190	146	44	163	123	40	11	9	--	--	--	--	6	5	--	6	6	0	0	0	0
<b>25 to 29</b>	241	167	74	212	147	65	5	--	--	11	7	--	6	--	--	7	6	--	0	0	0
<b>30 to 34</b>	283	181	102	249	156	93	5	--	--	14	10	--	10	7	--	5	--	--	0	0	0
<b>35 to 39</b>	352	233	119	311	205	106	8	5	--	11	6	5	13	12	--	8	--	--	--	--	0
<b>40 to 44</b>	407	250	157	368	230	138	5	--	--	15	7	8	14	7	7	5	--	--	0	0	0
<b>45 to 49</b>	463	279	184	411	247	164	10	8	--	12	7	5	18	9	9	9	5	--	--	--	0
<b>50 to 54</b>	576	337	239	529	309	220	7	5	--	18	10	8	15	7	8	5	5	0	--	--	--
<b>55 to 59</b>	893	525	368	810	469	341	8	6	--	24	15	9	34	21	13	10	7	--	7	7	0
<b>60 to 64</b>	1,204	737	467	1,120	680	440	12	11	--	29	21	8	26	15	11	15	8	7	--	--	0
<b>65 to 69</b>	1,483	876	607	1,384	816	568	26	16	10	19	9	10	32	21	11	14	9	5	8	5	--
<b>70 to 74</b>	1,701	958	742	1,614	910	703	9	9	0	25	13	12	36	18	18	14	6	8	--	--	--
<b>75 to 79</b>	2,022	1,043	979	1,947	1,002	945	15	8	7	14	6	8	36	23	13	10	--	6	0	0	0
<b>80 to 84</b>	2,435	1,228	1,207	2,342	1,187	1,155	8	--	5	17	7	10	50	22	28	16	7	9	--	--	0
<b>85 to 89</b>	2,623	1,223	1,399	2,548	1,193	1,354	13	6	7	12	6	6	34	10	24	13	8	5	--	0	--
<b>90 to 94</b>	2,064	810	1,254	2,020	789	1,231	7	--	--	10	--	7	23	13	10	--	--	--	0	0	0
<b>95 to 99</b>	810	274	536	784	265	519	--	--	--	5	--	--	13	--	9	--	--	--	--	0	--
<b>100 and over</b>	127	35	92	119	34	85	--	0	--	--	0	--	--	--	--	--	0	--	0	0	0

Note: Numbers may not add to total due to missing data.

**Table A33a. Deaths by health district, county, age, and gender: Utah residents, 2018**

Health district and county	Age and gender																				
	Total			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
<b>Total</b>	18,366	9,612	8,750	255	154	100	44	28	16	17	6	11	43	25	18	130	95	34	190	146	44
<b>Bear River</b>	1,020	536	484	6	--	--	--	--	0	0	0	0	--	--	--	12	9	--	11	9	--
<b>Box Elder</b>	404	224	180	--	--	--	--	--	0	0	0	0	--	0	--	5	5	--	--	--	0
<b>Cache</b>	603	305	298	--	--	--	--	--	0	0	0	0	--	--	0	7	--	--	8	6	--
<b>Rich</b>	13	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Central Utah</b>	624	344	280	5	--	--	0	0	0	--	--	0	--	--	--	8	--	--	--	--	0
<b>Juab</b>	70	37	33	--	--	--	0	0	0	0	0	0	--	--	0	--	--	0	0	0	0
<b>Millard</b>	98	54	44	0	0	0	0	0	0	0	0	0	0	0	0	--	--	0	--	--	0
<b>Piute</b>	27	13	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sanpete</b>	199	107	92	--	--	0	0	0	0	--	0	--	0	--	0	--	--	0	--	--	0
<b>Sevier</b>	203	112	91	--	--	0	0	0	0	0	0	0	0	0	0	--	--	0	--	0	0
<b>Wayne</b>	27	21	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Davis</b>	1,875	889	985	36	21	15	5	5	0	--	--	--	--	--	0	8	6	--	10	9	--
<b>Salt Lake</b>	6,814	3,625	3,186	104	65	38	12	5	7	5	--	--	19	11	8	46	35	10	91	71	20
<b>San Juan</b>	126	76	50	--	0	--	--	--	0	0	0	0	--	0	--	--	0	--	--	0	--
<b>Southeastern</b>	409	230	179	--	--	--	--	--	0	0	0	0	0	0	0	5	--	--	--	--	--
<b>Carbon</b>	213	113	100	0	0	0	0	0	0	0	0	0	0	0	0	--	--	--	--	--	--
<b>Emery</b>	103	59	44	0	0	0	--	--	0	0	0	0	0	0	0	--	0	0	0	0	0
<b>Grand</b>	93	58	35	--	--	--	0	0	0	0	0	0	0	0	0	--	0	0	0	0	0
<b>Southwest</b>	1,987	1,047	940	17	8	9	5	5	0	--	--	--	0	--	8	5	--	15	9	6	
<b>Beaver</b>	67	34	33	0	0	0	0	0	0	0	0	0	--	0	--	0	0	0	0	0	0
<b>Garfield</b>	67	30	37	--	0	--	0	0	0	0	0	0	0	0	0	0	0	--	--	0	--
<b>Iron</b>	334	168	166	7	--	--	--	--	0	--	--	0	0	0	0	0	0	0	--	--	--
<b>Kane</b>	81	41	40	0	0	0	0	0	0	0	0	0	0	0	0	--	0	--	--	0	--
<b>Washington</b>	1,438	774	664	8	--	--	--	--	0	--	--	--	0	--	7	--	--	11	6	5	
<b>Summit</b>	149	80	69	0	0	0	--	--	0	0	0	0	0	0	0	0	0	--	--	0	--
<b>Tooele</b>	382	202	180	5	--	--	--	0	--	0	0	0	--	--	--	--	0	--	--	--	0
<b>TriCounty</b>	408	224	184	6	--	--	--	--	0	--	0	--	0	0	0	--	--	8	5	--	
<b>Daggett</b>	8	7	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Duchesne</b>	149	82	67	0	0	0	0	0	0	0	0	0	0	0	0	--	--	6	--	--	--
<b>Uintah</b>	251	135	116	6	--	--	--	--	0	--	0	--	0	0	0	--	0	--	--	--	--
<b>Utah County</b>	2,599	1,332	1,265	56	35	21	12	5	7	--	0	--	--	--	0	19	12	7	25	19	6
<b>Wasatch</b>	146	69	77	--	0	--	0	0	0	0	0	0	--	0	--	--	--	--	--	--	--
<b>Weber-Morgan</b>	1,827	956	870	16	11	5	--	--	--	--	0	--	6	--	--	15	14	--	17	14	--
<b>Weber</b>	1,760	923	836	15	10	5	--	--	--	--	0	--	6	--	--	15	14	--	17	14	--
<b>Morgan</b>	67	33	34	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: Numbers may not add to total due to missing data.

**Table A33b. Deaths by health district, county, age, and gender: Utah residents, 2018**

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
<b>Total</b>	241	167	74	283	181	102	352	233	119	407	250	157	463	279	184	576	337	239	893	525	368
<b>Bear River</b>	13	8	5	13	7	6	19	15	--	11	5	6	22	17	5	32	19	13	53	37	16
<b>Box Elder</b>	--	--	--	--	--	--	7	5	--	--	--	0	9	7	--	15	9	6	21	14	7
<b>Cache</b>	9	6	--	9	--	5	12	10	--	8	--	6	13	10	--	15	9	6	31	23	8
<b>Rich</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	--	--	0	--
<b>Central Utah</b>	--	--	0	8	5	--	5	--	--	10	7	--	13	8	5	20	13	7	32	17	15
<b>Juab</b>	--	--	0	--	0	--	--	--	0	0	0	0	0	0	0	--	--	--	--	--	0
<b>Millard</b>	0	0	0	--	--	0	0	0	0	--	--	--	0	--	--	--	--	--	5	--	--
<b>Piute</b>	0	0	0	0	0	0	0	0	0	0	0	0	--	0	--	--	--	0	0	0	0
<b>Sanpete</b>	--	--	0	--	--	0	--	--	--	--	--	--	5	--	--	--	--	--	6	--	--
<b>Sevier</b>	0	0	0	--	0	--	--	0	--	--	--	0	6	6	0	6	--	--	18	8	10
<b>Wayne</b>	0	0	0	--	--	0	--	--	0	--	0	--	0	0	0	--	--	0	--	--	0
<b>Davis</b>	18	10	8	27	17	10	33	18	15	51	35	16	36	26	10	55	26	29	70	36	34
<b>Salt Lake</b>	103	77	26	110	64	46	132	92	40	165	99	66	186	111	75	233	142	91	389	242	147
<b>San Juan</b>	--	--	0	6	5	--	--	0	--	--	--	--	6	--	--	--	--	--	7	7	0
<b>Southeastern</b>	--	--	0	7	6	--	7	--	--	12	9	--	12	8	--	9	6	--	20	10	10
<b>Carbon</b>	--	--	0	--	--	--	0	--	--	8	6	--	--	--	--	6	--	--	10	5	5
<b>Emery</b>	0	0	0	--	--	0	0	0	0	--	--	0	--	--	--	--	--	--	--	--	--
<b>Grand</b>	0	0	0	--	--	0	5	--	--	--	--	--	--	--	--	0	0	0	6	--	--
<b>Southwest</b>	20	13	7	24	17	7	27	16	11	27	19	8	39	23	16	43	25	18	56	24	32
<b>Beaver</b>	0	0	0	0	0	0	0	0	0	--	--	0	0	0	0	0	0	0	--	--	--
<b>Garfield</b>	--	--	0	--	--	0	--	--	--	--	--	0	0	0	0	--	--	--	0	0	0
<b>Iron</b>	7	--	5	5	--	--	--	--	--	7	--	--	8	5	--	10	6	--	14	--	10
<b>Kane</b>	0	0	0	--	--	0	--	--	--	--	0	--	--	0	--	--	--	--	0	--	--
<b>Washington</b>	12	10	--	17	12	5	20	14	6	16	12	--	29	16	13	27	17	10	37	19	18
<b>Summit</b>	--	--	--	--	--	--	--	--	--	--	--	6	--	--	6	--	--	8	5	--	
<b>Tooele</b>	6	--	--	7	--	5	6	5	--	15	9	6	12	5	7	12	7	5	26	17	9
<b>TriCounty</b>	9	9	0	8	6	--	9	7	--	13	10	--	9	7	--	20	9	11	30	21	9
<b>Daggett</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	0
<b>Duchesne</b>	--	--	0	--	--	--	--	--	0	6	5	--	6	5	--	7	--	5	9	8	--
<b>Uintah</b>	6	6	0	5	--	--	7	5	--	7	5	--	--	--	--	13	7	6	20	12	8
<b>Utah County</b>	40	27	13	36	23	13	64	43	21	66	39	27	78	45	33	79	43	36	96	47	49
<b>Wasatch</b>	--	0	--	5	--	--	--	--	--	--	--	--	0	5	--	--	8	--	--	--	
<b>Weber-Morgan</b>	23	12	11	29	23	6	42	28	14	28	15	13	42	21	21	58	39	19	98	58	40
<b>Weber</b>	23	12	11	26	20	6	42	28	14	27	14	13	42	21	21	56	38	18	97	58	39
<b>Morgan</b>	0	0	0	--	--	0	0	0	0	--	--	0	0	0	0	--	--	0	--	--	

Note: Numbers may not add to total due to missing data.

**Table A33c. Deaths by health district, county, age, and gender: Utah residents, 2018**

Health district and county	Age and gender																	
	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
<b>Total</b>	1,204	737	467	1,483	876	607	1,701	958	742	2,022	1,043	979	2,435	1,228	1,207	5,624	2,342	3,281
<b>Bear River</b> <b>Box Elder</b>	60	35	25	82	49	33	98	55	43	99	52	47	147	86	61	338	128	210
	22	14	8	37	24	13	45	30	15	43	16	27	63	37	26	118	50	68
	37	20	17	43	25	18	52	24	28	55	35	20	82	48	34	217	76	141
<b>Rich</b>	--	--	0	--	0	--	--	--	0	--	--	0	--	--	--	--	--	--
<b>Central Utah</b> <b>Juab</b> <b>Millard</b> <b>Piute</b> <b>Sanpete</b> <b>Sevier</b> <b>Wayne</b>	41	29	12	38	23	15	85	47	38	74	45	29	93	50	43	185	83	102
	6	--	--	--	--	--	11	7	--	8	6	--	8	--	5	20	6	14
	5	--	--	8	7	--	13	6	7	8	--	--	13	9	--	34	16	18
	--	--	0	--	0	--	--	--	--	--	--	--	7	--	--	7	5	--
	16	12	--	14	7	7	27	13	14	21	14	7	35	19	16	57	24	33
	10	7	--	9	8	--	23	12	11	32	18	14	28	14	14	60	29	31
	--	--	0	--	0	--	7	7	0	--	--	0	--	--	0	7	--	--
<b>Davis</b>	103	51	52	146	84	62	163	83	80	214	93	121	248	110	138	647	255	391
<b>Salt Lake</b>	476	315	161	567	326	241	568	323	245	723	382	341	833	412	421	2,051	851	1,200
<b>San Juan</b>	7	6	--	9	5	--	13	8	5	17	9	8	14	6	8	31	19	12
<b>Southeastern</b> <b>Carbon</b> <b>Emery</b> <b>Grand</b>	30	24	6	38	22	16	36	25	11	41	22	19	58	32	26	127	55	72
	15	12	--	24	13	11	17	12	5	23	10	13	28	18	10	66	24	42
	10	8	--	9	5	--	9	6	--	11	7	--	14	7	7	35	15	20
	5	--	--	5	--	--	10	7	--	7	5	--	16	7	9	26	16	10
<b>Southwest</b> <b>Beaver</b> <b>Garfield</b> <b>Iron</b> <b>Kane</b> <b>Washington</b>	127	67	60	169	114	55	215	131	84	235	128	107	312	164	148	643	277	366
	5	--	--	8	--	--	--	--	--	10	7	--	10	6	--	26	11	15
	--	--	--	6	--	--	--	--	--	5	--	--	11	5	6	28	10	18
	31	11	20	43	31	12	34	20	14	38	23	15	28	13	15	93	37	56
	5	5	0	7	--	--	12	7	5	8	--	--	8	--	--	27	10	17
	83	46	37	105	71	34	162	102	60	174	92	82	255	136	119	469	209	260
<b>Summit</b>	12	6	6	13	6	7	17	9	8	19	13	6	20	12	8	34	13	21
<b>Tooele</b>	37	26	11	38	21	17	36	17	19	49	25	24	40	19	21	82	34	48
<b>TriCounty</b> <b>Daggett</b> <b>Duchesne</b> <b>Uintah</b>	29	16	13	37	22	15	38	21	17	48	24	24	48	19	29	89	40	49
	--	--	--	0	0	0	--	--	0	--	--	0	--	--	0	--	--	0
	9	--	5	11	7	--	11	6	5	19	10	9	17	6	11	37	16	21
	18	11	7	26	15	11	25	13	12	28	13	15	30	12	18	51	23	28
<b>Utah County</b>	151	87	64	191	115	76	220	116	104	292	153	139	363	182	181	803	338	465
<b>Wasatch</b>	9	--	5	11	6	5	12	7	5	14	9	5	19	11	8	48	16	32
<b>Weber-Morgan</b> <b>Weber</b> <b>Morgan</b>	122	71	51	144	83	61	200	116	83	197	88	109	240	125	115	546	233	313
	121	70	51	138	81	57	192	110	81	185	84	101	230	121	109	524	223	301
	--	--	0	6	--	--	8	6	--	12	--	8	10	--	6	22	10	12

Note: Numbers may not add to total due to missing data.

**Table A34a. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Total		18,366	67	404	603	213	8	1,875	149	103	67
Cause not stated											
Salmonella infections	A01-A02	--	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	52	0	0	--	--	0	--	--	--	--
Tuberculosis	A16-A19	--	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis	A16	--	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	187	0	5	--	6	0	17	--	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	25	0	--	--	0	0	0	0	0	0
Human immunodeficiency virus (HIV) disease	B20-B24	17	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	55	--	0	--	--	0	--	--	--	0
Malignant neoplasms	C00-C97	3,262	5	74	--	37	--	319	30	13	10
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	50	0	--	0	--	0	6	0	--	0
Malignant neoplasm of esophagus	C15	84	0	0	0	0	0	7	0	0	0
Malignant neoplasm of stomach	C16	53	0	--	0	0	0	--	0	0	0
Malignant neoplasms of colon, rectum and anus	C18-C21	270	0	9	0	--	0	22	--	--	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	153	0	--	0	0	0	11	--	--	0
Malignant neoplasm of pancreas	C25	263	0	--	0	--	0	26	--	0	--
Malignant neoplasm of larynx	C32	5	0	0	0	0	0	0	--	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	448	0	10	0	6	0	44	7	--	--
Malignant melanoma of skin	C43	75	0	0	0	0	0	7	--	--	0
Malignant neoplasm of breast	C50	287	0	5	--	--	0	31	--	0	--
Malignant neoplasm of cervix uteri	C53	27	0	0	0	--	0	--	--	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	63	0	--	--	0	0	8	--	0	0
Malignant neoplasm of ovary	C56	82	0	--	0	0	0	9	--	0	0

**Table A34b. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Total		93	334	70	81	98	67	27	13	6,814	126
Cause not stated											
Salmonella infections	A01-A02	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	13	0
Tuberculosis	A16-A19	0	0	0	0	0	0	0	0	--	0
Respiratory tuberculosis	A16	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	--	0	--	0	0	0	0	56	--
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	16	--
Human immunodeficiency virus (HIV) disease	B20-B24	0	0	0	0	0	0	0	0	13	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	21	0
<b>Malignant neoplasms</b>	<b>C00-C97</b>	25	65	10	18	22	15	6	110	1,212	22
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	0	0	0	0	--	0	0	--	21	0
Malignant neoplasm of esophagus	C15	--	0	0	--	0	0	0	--	40	0
Malignant neoplasm of stomach	C16	0	--	0	0	0	0	--	--	27	0
Malignant neoplasms of colon, rectum and anus	C18-C21	--	--	0	--	--	--	0	5	96	--
Malignant neoplasms of liver and intrahepatic bile ducts	C22	0	8	--	--	0	--	0	6	70	0
Malignant neoplasm of pancreas	C25	--	--	--	--	--	5	0	--	101	0
Malignant neoplasm of larynx	C32	0	0	0	0	0	0	--	0	--	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	--	11	--	--	0	0	0	13	157	--
Malignant melanoma of skin	C43	--	--	0	0	0	0	0	9	23	0
Malignant neoplasm of breast	C50	--	8	--	0	--	--	0	10	118	--
Malignant neoplasm of cervix uteri	C53	0	0	0	0	--	0	0	--	8	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	0	--	0	0	--	0	--	--	22	0
Malignant neoplasm of ovary	C56	0	--	0	--	0	0	0	0	27	0

**Table A34c. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Savvier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Total		199	203	149	382	251	2,599	146	1,438	27	1,760
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	--	--	11	0	--	0	9
Tuberculosis	A16-A19	0	0	0	0	0	--	0	0	0	0
Respiratory tuberculosis	A16	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	--	--	--	--	--	39	0	18	0	23
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
Human immunodeficiency virus (HIV) disease	B20-B24	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	7	0	8	0	5
<b>Malignant neoplasms</b>	<b>C00-C97</b>	30	42	46	84	42	447	33	263	--	273
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	0	0	--	0	0	--	0	--	0	5
Malignant neoplasm of esophagus	C15	--	--	--	--	--	7	0	6	0	9
Malignant neoplasm of stomach	C16	0	0	--	--	--	8	0	--	--	4
Malignant neoplasms of colon, rectum and anus	C18-C21	--	--	5	6	7	39	--	30	0	19
Malignant neoplasms of liver and intrahepatic bile ducts	C22	--	--	0	8	--	12	0	9	0	14
Malignant neoplasm of pancreas	C25	--	--	--	5	--	35	--	26	0	25
Malignant neoplasm of larynx	C32	0	0	0	--	--	0	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	--	7	7	11	--	45	7	48	0	52
Malignant melanoma of skin	C43	--	--	--	--	0	11	--	--	0	5
Malignant neoplasm of breast	C50	--	--	--	7	--	46	--	14	0	27
Malignant neoplasm of cervix uteri	C53	0	0	--	0	0	6	--	0	0	--
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	0	--	0	--	0	12	0	5	--	--
Malignant neoplasm of ovary	C56	0	0	--	--	--	18	--	9	0	10

**Table A34a continued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne		
Malignant neoplasm of prostate	C61	254	0	6	7	--	--	33	0	--	0
Malignant neoplasms of kidney and renal pelvis	C64-C65	100	--	--	--	--	--	8	--	0	--
Malignant neoplasm of bladder	C67	89	0	0	--	0	0	8	--	--	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	131	0	6	6	0	--	14	--	0	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	362	--	17	16	--	0	30	--	--	--
Hodgkin's disease	C81	--	0	0	0	0	0	--	0	0	0
Non-Hodgkin's lymphoma	C82-C85	130	0	--	7	--	0	12	--	--	0
Leukemia	C91-C95	147	--	10	8	0	0	9	0	0	--
Multiple myeloma and immunoproliferative neoplasms	C88, C90	78	0	--	--	--	0	7	0	--	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	--	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	466	--	8	17	13	0	49	--	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	110	--	--	--	--	0	15	0	0	--
Anemias	D50-D64	29	0	--	--	--	0	--	0	0	0
Diabetes mellitus	E10-E14	629	--	16	19	5	0	51	5	--	--
Nutritional deficiencies	E40-E64	152	--	0	--	--	0	10	--	--	--
Malnutrition	E40-E46	150	--	0	--	--	0	10	--	--	--
Other nutritional deficiencies	E50-E64	--	0	0	0	0	0	0	0	0	0
Meningitis	G00, G03	10	0	0	0	0	0	--	0	0	0
Parkinson's disease	G20-G21	286	--	5	8	--	0	33	0	--	0
Alzheimer's disease	G30	1,024	--	34	43	11	0	128	0	7	--
Major cardiovascular diseases	I00-I78	4,942	26	123	168	67	--	537	42	28	25
Diseases of heart	I00-I09,I11,I13,I20-I51	3,749	17	99	131	55	--	405	32	23	19
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	35	0	--	--	--	0	--	--	0	0
Hypertensive heart disease	I11	231	0	7	11	0	0	26	--	0	0
Hypertensive heart and renal disease	I13	38	0	--	--	0	0	--	0	0	0
Ischemic heart diseases	I20-I25	1,625	7	52	41	29	--	174	15	10	11
Acute myocardial infarction	I21-I22	491	--	34	6	5	0	46	7	0	--
Other acute ischemic heart diseases	I24	11	0	0	0	0	0	--	0	0	0
Other forms of chronic ischemic heart disease	I20, I25	1,123	--	18	35	24	--	125	8	10	9
Atherosclerotic cardiovascular disease, so described	I25.0	237	0	--	6	17	0	25	--	8	--
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	886	--	14	29	7	--	100	--	--	8

**Table A34b continued. Deaths by selected causes and county: Utah residents, 2018**

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	--	5	0	0	0	78	--
Malignant neoplasms of kidney and renal pelvis	C64-C65	--	--	0	--	--	0	--	0	37	0
Malignant neoplasm of bladder	C67	0	--	0	0	0	--	0	0	31	--
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	--	--	--	--	0	0	0	0	50	--
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	--	--	--	--	5	--	--	0	115	5
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	--	0
Non-Hodgkin's lymphoma	C82-C85	0	0	0	--	--	0	0	0	48	--
Leukemia	C91-C95	--	--	--	--	--	0	--	0	41	--
Multiple myeloma and immunoproliferative neoplasms	C88, C90	--	--	0	0	--	--	0	0	24	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	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	6	8	0	--	--	--	--	0	190	--
<b>In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior</b>	<b>D00-D48</b>	0	--	0	--	0	0	0	0	36	--
Anemias	D50-D64	0	0	0	--	0	0	0	0	14	0
Diabetes mellitus	E10-E14	--	13	--	--	--	--	--	0	241	5
Nutritional deficiencies	E40-E64	0	6	0	--	--	0	0	0	64	--
Malnutrition	E40-E46	0	6	--	0	0	0	0	0	63	--
Other nutritional deficiencies	E50-E64	0	0	0	0	--	0	0	0	--	0
Meningitis	G00, G03	0	0	0	0	0	0	0	0	--	--
Parkinson's disease	G20-G21	--	--	--	0	--	--	0	0	103	--
Alzheimer's disease	G30	-	27	--	0	6	6	0	0	355	--
<b>Major cardiovascular diseases</b>	<b>I00-I78</b>	21	66	14	22	25	18	9	--	1,827	20
Diseases of heart	I00-I09, I11, I13, I20-I51	16	51	9	20	16	13	7	--	1,380	13
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	0	0	0	0	--	0	0	0	13	0
Hypertensive heart disease	I11	0	--	0	--	--	0	0	0	93	--
Hypertensive heart and renal disease	I13	0	0	0	0	0	0	0	0	18	0
Ischemic heart diseases	I20-I25	8	31	5	12	7	9	5	--	574	8
Acute myocardial infarction	I21-I22	--	11	0	--	--	--	--	--	154	0
Other acute ischemic heart diseases	I24	0	0	0	0	0	0	0	0	--	0
Other forms of chronic ischemic heart disease	I20, I25	5	20	5	9	5	6	--	--	417	8
Atherosclerotic cardiovascular disease, so described	I25.0	--	8	--	0	--	--	0	0	81	--
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	--	12	--	9	--	5	--	--	336	6

**Table A34c continued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Malignant neoplasm of prostate	C61	--	--	--	7	7	48	--	18	0	18
Malignant neoplasms of kidney and renal pelvis	C64-C65	--	--	--	--	--	11	0	6	--	9
Malignant neoplasm of bladder	C67	--	--	0	6	0	18	0	7	0	--
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	0	--	--	--	0	22	--	6	0	7
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	9	--	--	7	5	49	--	39	--	35
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	--	--	--	--	--	19	--	11	0	10
Leukemia	C91-C95	5	0	-	--	--	20	--	18	0	14
Multiple myeloma and immunoproliferative neoplasms	C88, C90	--	0	0	--	--	8	0	10	--	11
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	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	--	10	12	12	--	56	5	31	0	25
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	--	--	--	0	--	9	--	12	0	14
Anemias	D50-D64	0	--	0	--	--	--	0	--	0	--
Diabetes mellitus	E10-E14	10	12	--	14	8	81	--	53	--	70
Nutritional deficiencies	E40-E64	--	0	--	6	0	22	--	16	0	14
Malnutrition	E40-E46	--	0	--	6	0	22	--	16	0	14
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	--
Parkinson's disease	G20-G21	--	--	--	--	--	57	--	25	0	25
Alzheimer's disease	G30	7	6	7	12	6	131	7	112	--	110
Major cardiovascular diseases	I00-I78	51	51	37	86	61	716	39	394	7	456
Diseases of heart	I00-I09, I11, I13, I20-I51	38	35	22	69	54	550	35	287	--	344
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	0	0	--	0	0	5	0	--	0	5
Hypertensive heart disease	I11	--	--	--	--	--	26	--	14	0	30
Hypertensive heart and renal disease	I13	0	0	0	0	0	6	0	5	0	--
Ischemic heart diseases	I20-I25	23	15	7	31	14	233	16	129	--	155
Acute myocardial infarction	I21-I22	7	6	--	12	6	83	5	40	--	47
Other acute ischemic heart diseases	I24	0	0	0	0	0	--	0	--	0	--
Other forms of chronic ischemic heart disease	I20, I25	16	9	6	19	8	148	11	88	0	106
Atherosclerotic cardiovascular disease, so described	I25.0	5	--	--	--	--	20	--	17	0	22
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	11	7	5	15	5	128	9	71	0	84

**Table A34a continued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Other heart diseases	I26-I51	1,820	10	37	75	25	--	199	14	13	8
Acute and subacute endocarditis	I33	12	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
Heart failure	I50	871	--	19	18	13	0	106	9	7	5
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	933	7	18	57	12	--	89	5	6	--
Essential (primary) hypertension and hypertensive renal disease	I10, I12, I15	156	--	--	5	--	0	18	--	--	--
Cerebrovascular diseases	I60-I69	919	5	21	23	7	0	97	8	--	--
Atherosclerosis	I70	10	0	0	--	0	0	--	0	0	0
Other diseases of the circulatory system	I71-I78	108	--	0	8	--	0	13	--	0	0
Aortic aneurysm and dissection	I71	60	--	0	6	--	0	7	--	0	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	48	--	0	--	0	0	6	0	0	0
<b>Other disorders of circulatory system</b>	<b>I80-I99</b>	38	0	0	--	--	0	--	0	0	0
<b>Influenza and pneumonia</b>	<b>J09-J18</b>	353	--	--	9	5	--	46	--	--	0
Influenza	J09-J11	64	--	0	--	--	--	8	0	--	0
Pneumonia	J12-J18	289	--	--	6	--	0	38	--	--	0
<b>Other acute lower respiratory infections</b>	<b>J20-J22</b>	--	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis	J20-J21	--	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	J22	--	0	0	0	0	0	0	0	0	0
<b>Chronic lower respiratory diseases</b>	<b>J40-J47</b>	880	6	18	22	24	0	79	9	6	--
Bronchitis, chronic and unspecified	J40-J42	6	0	0	0	0	0	0	0	0	0
Emphysema	J43	56	0	0	--	--	0	--	0	--	0
Asthma	J45-J46	30	0	--	--	0	0	--	--	0	0
Other chronic lower respiratory diseases	J44, J47	788	6	17	17	22	0	73	8	5	--
<b>Pneumoconioses and chemical effects</b>	<b>J60-J66, J68</b>	10	0	0	0	0	0	0	0	--	0
<b>Pneumonitis due to solids and liquids</b>	<b>J69</b>	105	0	--	--	--	0	11	--	0	0
<b>Other diseases of respiratory system</b>	<b>J00-J06, J30-J39, J67, J70-J98</b>	268	--	5	10	-	0	25	--	-	0
<b>Peptic ulcer</b>	<b>K25-K28</b>	31	0	--	0	--	0	--	0	0	0
<b>Diseases of appendix</b>	<b>K35-K38</b>	5	0	0	0	--	0	--	0	0	0
<b>Hernia</b>	<b>K40-K46</b>	21	0	0	0	--	0	--	0	0	0
<b>Chronic liver disease and cirrhosis</b>	<b>K70, K73-K74</b>	287	--	5	7	6	0	29	5	0	0
Alcoholic liver disease	K70	158	--	--	5	--	0	16	--	0	0
Other chronic liver disease and cirrhosis	K73-K74	129	0	--	--	--	0	13	--	0	0
<b>Cholelithiasis and other disorders of gallbladder</b>	<b>K80-K82</b>	34	0	0	--	0	0	--	0	0	0

**Table A34b continued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Other heart diseases	I26-I51	8	18	--	7	6	--	--	--	682	--
Acute and subacute endocarditis	I33	0	0	0	0	0	0	0	0	5	--
Diseases of the pericardium and acute myocarditis	I30-I31, I40	0	--	0	0	0	0	0	0	--	0
Heart failure	I50	--	8	--	5	5	--	--	0	311	--
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	6	9	--	--	--	--	0	--	365	--
Essential (primary) hypertension and hypertensive renal disease	I10, I12, I15	0	--	0	0	--	0	0	0	60	--
Cerebrovascular diseases	I60-I69	5	11	--	--	7	--	--	--	348	5
Atherosclerosis	I70	0	0	0	0	0	0	0	0	--	0
Other diseases of the circulatory system	I71-I78	0	--	--	0	0	--	--	0	37	0
Aortic aneurysm and dissection	I71	0	--	--	0	0	--	0	0	18	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	0	--	0	0	0	0	--	0	19	0
<b>Other disorders of circulatory system</b>	<b>I80-I99</b>	0	--	--	0	--	0	0	--	13	0
<b>Influenza and pneumonia</b>	<b>J09-J18</b>	0	6	--	0	5	0	--	0	117	7
Influenza	J09-J11	0	--	0	0	--	0	0	0	19	0
Pneumonia	J12-J18	0	--	--	0	--	0	--	0	98	7
<b>Other acute lower respiratory infections</b>	<b>J20-J22</b>	0	0	0	0	0	0	0	0	--	0
Acute bronchitis and bronchiolitis	J20-J21	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
<b>Chronic lower respiratory diseases</b>	<b>J40-J47</b>	--	17	--	5	5	--	--	0	317	--
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	--	0
Emphysema	J43	--	--	0	0	0	0	0	0	21	0
Asthma	J45-J46	0	0	0	0	0	--	0	0	7	0
Other chronic lower respiratory diseases	J44, J47	--	16	--	5	5	--	--	0	287	--
<b>Pneumoconioses and chemical effects</b>	<b>J60-J66, J68</b>	--	0	0	0	0	0	0	0	--	--
 <b>Pneumonitis due to solids and liquids</b>	<b>J69</b>	0	--	0	0	--	0	--	0	31	--
<b>Other diseases of respiratory system</b>	<b>J00-J06, J30-J39, J67, J70-J98</b>	0	7	--	--	--	--	--	0	102	--
<b>Peptic ulcer</b>	<b>K25-K28</b>	--	0	--	0	0	0	0	0	11	0
<b>Diseases of appendix</b>	<b>K35-K38</b>	0	0	0	0	0	0	0	0	--	0
<b>Hernia</b>	<b>K40-K46</b>	0	0	--	0	0	0	0	0	6	0
<b>Chronic liver disease and cirrhosis</b>	<b>K70, K73-K74</b>	--	9	0	--	0	0	0	--	120	6
Alcoholic liver disease	K70	--	--	0	0	0	0	0	0	79	--
Other chronic liver disease and cirrhosis	K73-K74	0	5	0	--	0	0	0	--	41	--
<b>Cholelithiasis and other disorders of gallbladder</b>	<b>K80-K82</b>	0	--	--	0	--	--	0	0	10	0

**Table A34c continued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sherman	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Other heart diseases	I26-I51	13	17	13	35	37	280	15	138	--	151
Acute and subacute endocarditis	I33	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	--
Heart failure	I50	6	8	--	17	19	158	12	47	--	81
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	7	9	8	18	18	122	--	91	--	67
Essential (primary) hypertension and hypertensive renal disease	I10, I12, I15	--	5	--	0	0	10	--	14	--	19
Cerebrovascular diseases	I60-I69	9	9	11	15	6	141	--	87	--	83
Atherosclerosis	I70	0	0	--	0	0	0	0	0	0	--
Other diseases of the circulatory system	I71-I78	--	--	--	--	--	15	0	6	0	8
Aortic aneurysm and dissection	I71	0	--	--	--	--	9	0	--	0	--
Other diseases of arteries, arterioles, and capillaries	I72-I78	--	--	0	--	0	6	0	--	0	6
<b>Other disorders of circulatory system</b>	<b>I80-I99</b>	--	0	0	--	--	5	--	--	0	5
<b>Influenza and pneumonia</b>	<b>J09-J18</b>	7	--	0	7	16	44	--	33	0	28
Influenza	J09-J11	--	0	0	--	6	5	0	8	0	--
Pneumonia	J12-J18	5	--	0	6	10	39	--	25	0	25
<b>Other acute lower respiratory infections</b>	<b>J20-J22</b>	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
<b>Chronic lower respiratory diseases</b>	<b>J40-J47</b>	15	18	5	25	24	73	--	80	--	106
Bronchitis, chronic and unspecified	J40-J42	0	--	0	--	0	0	0	--	0	--
Emphysema	J43	--	0	0	--	--	--	--	5	0	8
Asthma	J45-J46	--	--	0	--	--	--	0	--	0	--
Other chronic lower respiratory diseases	J44, J47	13	16	5	20	21	65	--	72	--	93
<b>Pneumoconioses and chemical effects</b>	<b>J60-J66, J68</b>	0	0	0	0	0	0	0	0	-	0
<b>Pneumonitis due to solids and liquids</b>	<b>J69</b>	--	--	0	--	0	25	0	8	0	13
<b>Other diseases of respiratory system</b>	<b>J00-J06, J30-J39, J67, J70-J98</b>	--	--	--	5	--	33	--	20	0	34
<b>Peptic ulcer</b>	<b>K25-K28</b>	0	--	0	0	0	6	0	--	0	6
<b>Diseases of appendix</b>	<b>K35-K38</b>	0	0	0	0	0	0	0	--	0	--
<b>Hernia</b>	<b>K40-K46</b>	--	0	0	0	--	--	0	--	0	--
<b>Chronic liver disease and cirrhosis</b>	<b>K70, K73-K74</b>	--	--	--	7	--	34	--	17	0	26
Alcoholic liver disease	K70	0	--	--	--	--	12	--	--	0	16
Other chronic liver disease and cirrhosis	K73-K74	--	--	0	5	--	22	0	13	0	10
<b>Cholelithiasis and other disorders of gallbladder</b>	<b>K80-K82</b>	--	0	0	0	0	7	0	5	0	--

**Table A34a continued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	335	0	6	9	--	0	40	--	5	--
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	--	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
Renal failure	N17-N19	330	0	6	9	--	0	39	--	5	--
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		5	0	0	0	0	0	0	0	0
Hyperplasia of prostate	N40	6	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
Pregnancy, childbirth and puerperium	O00-O99	9	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	9	0	--	0	0	0	--	0	0	0
Certain conditions originating in the perinatal period	P00-P96	134	0	0	0	0	0	17	0	--	--
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	124	0	--	--	--	0	16	0	0	--
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	308	--	6	12	--	0	34	--	--	--
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	2,491	9	43	93	13	--	269	15	10	6
Unintentional injuries	V01-X59, Y85-Y86	1,287	--	33	40	14	--	101	14	11	5
Transport accidents	V01-V99, Y85	281	0	6	13	--	0	18	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	258	0	6	12	--	0	17	7	--	--

**Table A34b continued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	0	7	--	0	--	-	-	0	93	--
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	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	0
Renal failure	N17-N19	0	7	--	0	--	--	--	0	92	--
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
Hyperplasia of prostate	N40	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
Pregnancy, childbirth and puerperium	O00-O99	0	0	0	0	0	0	0	0	5	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	5	0
Certain conditions originating in the perinatal period	P00-P96	--	--	--	0	0	--	0	0	58	0
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	0	--	--	0	--	0	0	0	42	--
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	--	10	--	--	0	--	--	0	120	--
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	13	41	10	15	12	10	--	--	926	18
Unintentional injuries	V01-X59, Y85-Y86	10	24	6	5	8	--	--	--	528	15
Transport accidents	V01-V99, Y85	--	--	--	5	--	0	0	0	114	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	--	--	--	5	--	0	0	0	102	5

**Table A34c continued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Savvier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
<b>Nephritis, nephrotic syndrome and nephrosis</b>	<b>N00-N07,N17-N19, N25-N27</b>	5	8	0	12	--	68	0	22	--	39
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01,N04	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
Renal failure	N17-N19	5	8	0	12	--	67	0	22	--	38
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0
<b>Infections of kidney</b>	<b>N10-N12, N13.6, N15.1</b>	0	0	0	0	--	--	0	0	0	--
<b>Hyperplasia of prostate</b>	<b>N40</b>	0	0	0	0	0	--	0	0	0	0
<b>Inflammatory diseases of female pelvic organs</b>	<b>N70-N76</b>	0	0	0	0	0	0	0	0	0	0
<b>Pregnancy, childbirth and puerperium</b>	<b>O00-O99</b>	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
<b>Certain conditions originating in the perinatal period</b>	<b>P00-P96</b>	--	--	0	--	--	30	--	6	0	8
<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>Q00-Q99</b>	0	--	0	--	--	33	0	--	0	11
<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>R00-R99</b>	--	6	--	9	--	30	--	18	0	32
<b>All other diseases (Residual)</b>	<b>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</b>	28	19	20	44	34	387	17	193	--	237
<b>Unintentional injuries</b>	<b>V01-X59, Y85-Y86</b>	15	6	11	32	18	172	15	76	5	114
<b>Transport accidents</b>	<b>V01-V99, Y85</b>	--	--	--	6	--	34	--	18	--	25
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	--	--	--	6	--	33	--	15	--	23

**Table A34a continued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
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	12	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	11	0	0	--	--	0	--	0	0	0
<b>Nontransport accidents</b>	<b>W00-X59, Y86</b>	<b>1,006</b>	--	27	27	10	--	83	7	10	--
Falls	W00-W19	263	0	8	7	--	--	24	--	--	-
Accidental discharge of firearms	W32-W34	--	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	W65-W74	35	0	--	--	0	0	--	--	0	0
Accidental exposure to smoke, fire, and flames	X00-X09	14	0	--	0	0	0	--	0	0	0
Accidental poisoning and exposure to noxious substances	X40-X49	538	--	8	13	6	0	33	--	7	--
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	155	--	6	6	--	0	22	--	0	0
<b>Intentional self-harm (suicide)</b>	<b>*U03, X60-X84, Y87.0</b>	<b>665</b>	--	13	24	--	0	68	11	--	--
Intentional self-harm (suicide) by discharge of firearms	X72-X74	339	--	9	7	--	0	36	5	--	--
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84	326	--	--	17	--	0	32	6	--	0
<b>Assault (homicide)</b>	<b>*U01-*U02, X85-Y09, Y87.1</b>	<b>67</b>	0	--	0	0	0	--	--	0	--
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	34	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	33	0	0	0	0	0	--	--	0	--
<b>Events of undetermined intent</b>	<b>Y10-Y34, Y87.2, Y89.9</b>	<b>63</b>	0	--	--	--	0	--	--	0	0
Discharge of firearms, undetermined intent	Y22-Y24	5	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	58	0	--	--	--	0	--	--	0	0
<b>Legal intervention</b>	<b>Y35, Y89.0</b>	<b>18</b>	0	0	0	0	0	--	0	0	0
<b>Operations of war and their sequelae</b>	<b>Y36, Y89.1</b>	<b>0</b>	0	0	0	0	0	0	0	0	0
<b>Complications of medical and surgical care</b>	<b>Y40-Y84, Y88</b>	<b>35</b>	0	0	0	0	0	--	--	--	0

**Table A34bcontinued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
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	9	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
<b>Nontransport accidents</b>	<b>W00-X59, Y86</b>	9	20	5	0	--	--	--	--	414	10
Falls	W00-W19	--	--	--	0	--	0	--	0	111	--
Accidental discharge of firearms	W32-W34	0	--	0	0	0	0	0	0	0	0
Accidental drowning and submersion	W65-W74	0	--	0	0	0	--	0	0	10	--
Accidental exposure to smoke, fire, and flames	X00-X09	0	0	0	0	0	0	0	0	6	--
Accidental poisoning and exposure to noxious substances	X40-X49	--	13	--	0	--	--	0	--	241	--
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	--	--	0	0	0	--	0	0	46	5
<b>Intentional self-harm (suicide)</b>	<b>*U03, X60-X84, Y87.0</b>	--	13	--	5	--	--	0	0	245	5
Intentional self-harm (suicide) by discharge of firearms	X72-X74	--	7	--	--	0	0	0	0	122	-
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	--	6	--	--	--	--	0	0	123	--
<b>Assault (homicide)</b>	<b>*U01-*U02, X85-Y09, Y87.1</b>	--	--	--	0	0	0	0	0	30	--
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	--	0	0	0	0	0	0	0	15	--
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	15	--
<b>Events of undetermined intent</b>	<b>Y10-Y34, Y87.2, Y89.9</b>	0	--	0	0	0	0	0	0	24	0
Discharge of firearms, undetermined intent	Y22-Y24	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	20	0
<b>Legal intervention</b>	<b>Y35, Y89.0</b>	0	0	0	0	0	0	0	0	11	--
<b>Operations of war and their sequelae</b>	<b>Y36, Y89.1</b>	0	0	0	0	0	0	0	0	0	0
<b>Complications of medical and surgical care</b>	<b>Y40-Y84, Y88</b>	0	--	0	0	0	0	0	0	15	--

**Table A34c continued. Deaths by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Savier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
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
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	0	0	0	0	--	0	0	--	0	--
<b>Nontransport accidents</b>	<b>W00-X59, Y86</b>	13	5	10	26	15	138	11	58	--	89
Falls	W00-W19	5	0	--	8	--	34	5	15	0	24
Accidental discharge of firearms	W32-W34			0	0	0	0	0	0		0
Accidental drowning and submersion	W65-W74	--	0	--	0	0	5	0	--	0	--
Accidental exposure to smoke, fire, and flames	X00-X09	0	0	0	0	0	--	0	--	0	0
Accidental poisoning and exposure to noxious substances	X40-X49	--	5	5	14	9	80	--	29	--	49
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	--	0	--	--	5	17	--	10	0	12
<b>Intentional self-harm (suicide)</b>	<b>*U03, X60-X84, Y87.0</b>	6	9	6	17	11	93	7	36	--	69
Intentional self-harm (suicide) by discharge of firearms	X72-X74	--	7	--	6	7	53	7	17	0	35
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84	--	--	--	11	--	40	0	19	--	34
<b>Assault (homicide)</b>	<b>*U01-*U02, X85-Y09, Y87.1</b>	0	0	0	--	--	6	0	--	0	10
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	0	0	0	--	--	5	0	--	0	6
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	--
<b>Events of undetermined intent</b>	<b>Y10-Y34, Y87.2, Y89.9</b>	0	--	0	--	0	11	0	--	0	7
Discharge of firearms, undetermined intent	Y22-Y24	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	11	0	--	0	6
<b>Legal intervention</b>	<b>Y35, Y89.0</b>	0	0	--	0	0	--	0	0	0	--
<b>Operations of war and their sequelae</b>	<b>Y36, Y89.1</b>	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	Y40-Y84, Y88	0	0	0	--	0	6	--	--	0	--

**Table A35. Deaths by selected causes and age: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Code	All ages	Age										75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	
Total		18,366	255	44	60	320	524	759	1,039	2,097	3,184	10,081	
Salmonella infections	A01-A02	--	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	52	--	0	0	--	--	0	--	--	9	29	
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	0	0
Whooping cough	A37	0	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	0
Meningococcal infection	A39	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	A40-A41	187	--	--	0	--	--	--	7	32	45	92	
Syphilis	A50-A53	0	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	0
Arthropod-borne viral encephalitis	A83-A84, A85.2	0	0	0	0	0	0	0	0	0	0	0	0
Measles	B05	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	B15-B19	25	0	0	0	0	0	0	--	8	9	5	--
Human immunodeficiency virus (HIV) disease	B20-B24	17	0	0	0	0	--	--	5	6	--	--	
Malaria	B50-B54	0	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	55	--	--	--	0	0	--	--	12	11	22	
<b>Malignant neoplasms</b>	<b>C00-C97</b>	<b>3,262</b>	--	--	6	6	34	89	193	588	874	1,468	
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	50	0	0	0	0	--	--	--	13	13	19	
Malignant neoplasm of esophagus	C15	84	0	0	0	0	0	0	5	19	27	33	
Malignant neoplasm of stomach	C16	53	0	0	0	0	--	--	5	13	14	17	
Malignant neoplasms of colon, rectum and anus	C18-C21	270	0	0	0	--	--	12	23	56	67	108	
Malignant neoplasms of liver and intrahepatic bile ducts	C22	153	--	0	0	0	0	0	14	33	55	47	
Malignant neoplasm of pancreas	C25	263	0	0	0	0	0	--	12	48	86	115	
Malignant neoplasm of larynx	C32	5	0	0	0	0	0	0	--	0	--	--	
Malignant neoplasms of trachea, bronchus and lung	C33-C34	448	0	0	0	0	--	--	22	96	129	199	
Malignant melanoma of skin	C43	75	0	0	0	0	--	6	--	14	17	34	
Malignant neoplasm of breast	C50	287	0	0	0	0	5	18	39	50	65	110	
Malignant neoplasm of cervix uteri	C53	27	0	0	0	0	0	--	7	11	--	--	
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	63	0	0	0	0	0	--	--	12	19	27	
Malignant neoplasm of ovary	C56	82	0	0	0	0	--	7	--	16	26	28	

**Table A35 continued. Deaths by selected causes and age: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Code	All ages	Age										75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74		
Malignant neoplasm of prostate	C61	254	0	0	0	0	0	0	--	20	61	171	
Malignant neoplasms of kidney and renal pelvis	C64-C65	100	0	0	0	0	--	--	--	16	28	48	
Malignant neoplasm of bladder	C67	89	0	0	0	0	0	--	--	8	22	55	
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	131	0	0	--	--	7	11	13	28	39	29	
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	362	0	--	--	--	--	5	14	49	93	194	
Hodgkin's disease	C81	--	0	0	0	0	0	0	0	--	0	--	
Non-Hodgkin's lymphoma	C82-C85	130	0	0	0	0	--	0	--	17	33	76	
Leukemia	C91-C95	147	0	--	--	--	--	5	10	19	33	74	
Multiple myeloma and immunoproliferative neoplasms	C88, C90	78	0	0	0	0	0	0	--	12	27	38	
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	--	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	466	--	--	--	--	--	11	10	17	86	108	229
<b>In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior</b>	<b>D00-D48</b>	110	0	0	--	--	--	--	--	11	21	70	
Anemias	<b>D50-D64</b>	29	0	0	0	0	--	0	0	--	5	20	
Diabetes mellitus	<b>E10-E14</b>	629	0	0	0	--	8	18	33	92	159	318	
<b>Nutritional deficiencies</b>	<b>E40-E64</b>	152	0	0	0	0	0	0	--	11	21	119	
Malnutrition	E40-E46	150	0	0	0	0	0	0	--	11	21	117	
Other nutritional deficiencies	E50-E64	--	0	0	0	0	0	0	0	0	0	--	
Meningitis	<b>G00, G03</b>	10	--	0	0	0	--	--	--	--	--	0	--
Parkinson's disease	<b>G20-G21</b>	286	0	0	0	0	0	0	0	0	--	48	234
Alzheimer's disease	<b>G30</b>	1,024	0	0	0	0	0	0	--	9	71	943	
<b>Major cardiovascular diseases</b>	<b>I00-I78</b>	4,942	--	--	7	5	35	96	202	422	730	3,442	
Diseases of heart	I00-I09, I11, I13, I20-I51	3,749	--	0	5	--	31	79	166	335	544	2,583	
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	35	0	0	0	0	--	0	--	6	8	19	
Hypertensive heart disease	I11	231	0	0	0	0	6	15	22	37	29	122	
Hypertensive heart and renal disease	I13	38	0	0	0	0	--	0	0	--	--	32	
Ischemic heart diseases	I20-I25	1,625	0	0	--	--	--	32	89	179	284	1,034	
Acute myocardial infarction	I21-I22	491	0	0	0	--	--	12	34	74	93	276	
Other acute ischemic heart diseases	I24	11	0	0	--	0	0	0	0	--	--	--	
Other forms of chronic ischemic heart disease	I20, I25	1,123	0	0	0	--	--	20	55	102	188	754	
Atherosclerotic cardiovascular disease, so described	I25.0	237	0	0	0	--	--	15	32	55	53	78	
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	886	0	0	0	0	0	5	23	47	135	676	

**Table A35 continued. Deaths by selected causes and age: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Code	All ages	Age										75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74		
Other heart diseases	I26-I51	1,820	--	0	--	--	19	32	54	112	219	1,376	
Acute and subacute endocarditis	I33	12	0	0	0	0	--	--	--	--	5	0	
Diseases of the pericardium and acute myocarditis	I30-I31, I40	--	0	0	0	0	0	0	0	--	0	--	
Heart failure	I50	871	0	0	0	0	--	--	9	27	80	752	
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	933	--	0	--	--	16	29	44	81	134	621	
Essential (primary) hypertension and hypertensive renal disease	I10, I12, I15	156	0	0	0	0	0	--	7	9	32	105	
Cerebrovascular diseases	I60-I69	919	0	--	--	--	--	11	25	68	127	682	
Atherosclerosis	I70	10	0	0	0	0	0	0	0	0	0	--	8
Other diseases of the circulatory system	I71-I78	108	0	0	0	0	--	--	--	10	25	64	
Aortic aneurysm and dissection	I71	60	0	0	0	0	--	--	--	6	12	33	
Other diseases of arteries, arterioles, and capillaries	I72-I78	48	0	0	0	0	0	0	0	--	13	31	
Other disorders of circulatory system	I80-I99	38	--	0	0	0	--	5	--	5	8	14	
Influenza and pneumonia	J10-J18	353	--	--	--	--	9	9	10	45	54	217	
Influenza	J10-J11	64	0	--	--	0	--	6	--	7	16	29	
Pneumonia	J12-J18	289	--	--	0	--	8	--	7	38	38	188	
	J20-J22	--	0	--	0	0	0	0	0	0	0	--	--
Other acute lower respiratory infections													
Acute bronchitis and bronchiolitis	J20-J21	--	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	880	0	--	0	--	--	5	21	119	221	509	
Bronchitis, chronic and unspecified	J40-J42	6	0	--	0	0	0	--	0	0	0	--	
Emphysema	J43	56	0	0	0	0	0	0	0	0	14	13	29
Asthma	J45-J46	30	0	0	0	--	--	--	--	5	5	11	
Other chronic lower respiratory diseases	J44, J47	788	0	0	0	--	0	--	17	100	203	465	
Pneumoconioses and chemical effects	J60-J66, J68	10	0	0	0	0	0	0	0	0	0	--	7
Pneumonitis due to solids and liquids	J69	105	0	0	0	--	0	--	--	9	18	71	
	J00-J06, J30-J39, J67, J70-J98	268	0	--	--	--	0	--	7	26	59	169	
Other diseases of respiratory system													
Peptic ulcer	K25-K28	31	0	0	0	0	--	--	--	7	7	12	
Diseases of appendix	K35-K38	5	0	0	0	0	--	0	0	0	--	--	
Hernia	K40-K46	21	0	0	0	0	0	0	--	--	5	12	
Chronic liver disease and cirrhosis	K70, K73-K74	287	0	0	0	0	16	29	51	78	70	43	
Alcoholic liver disease	K70	158	0	0	0	0	13	25	37	45	27	11	
Other chronic liver disease and cirrhosis	K73-K74	129	0	0	0	0	--	--	14	33	43	32	
Cholelithiasis and other disorders of gallbladder	K80-K82	34	0	0	0	0	0	0	--	--	8	22	

**Table A35 continued. Deaths by selected causes and age: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Code	All ages	Age										75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74		
Nephritis, nephrotic syndrome and nephrosis	N00-N07,N17-N19, N25-N27	335	--	0	0	0	6	5	15	30	48	228	
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01,N04	--	0	0	0	0	0	0	0	0	0	--	
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis	N02-N03, N05-N07,N26	--	0	0	0	0	0	0	0	0	0	--	
Renal failure	N17-N19	330	--	0	0	0	6	5	15	30	48	223	
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	5	0	0	0	0	0	0	0	0	0	--	--
Hyperplasia of prostate	N40	6	0	0	0	0	0	0	0	0	0	--	5
Inflammatory diseases of female pelvic organs	N70-N76	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and puerperium	O00-O99	9	0	0	0	0	--	--	--	0	0	0	
Pregnancy with abortive outcome	O00-O07	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	O10-O99	9	0	0	0	0	--	--	--	0	0	0	0
Certain conditions originating in the perinatal period	P00-P96	134	127	5	0	0	0	--	0	--	0	0	0
	Q00-Q99	124	68	--	6	5	8	5	5	14	5	6	
Congenital malformations, deformations and chromosomal abnormalities	R00-R99	308	23	5	0	--	9	14	15	34	58	145	
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified													
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	2,491	7	--	8	18	37	93	126	255	428	1,515	
		2,482	7	--	8	18	37	93	124	253	425	1,514	
		9	0	0	0	0	0	0	--	--	--	--	
Unintentional injuries	V01-X59, Y85-Y86	1,287	5	12	15	118	187	190	185	166	120	289	
Transport accidents	V01-V99, Y85	281	--	--	9	55	50	36	37	33	30	27	
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	258	--	--	9	54	48	34	33	29	24	23	

**Table A35 continued. Deaths by selected causes and age: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Code	All ages	Age										75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	--	
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	12	0	0	0	--	--	--	--	--	--	--	--
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	11	0	0	0	0	--	--	--	0	--	--	--
<b>Nontransport accidents</b>	<b>W00-X59, Y86</b>	<b>1,006</b>	--	9	6	63	137	154	148	133	90	262	
Falls	W00-W19	263	0	0	0	--	--	6	14	18	41	177	
Accidental discharge of firearms	W32-W34	--	0	0	0	0	0	0	0	0	0	--	
Accidental drowning and submersion	W65-W74	35	0	6	--	6	--	--	6	--	--	6	
Accidental exposure to smoke, fire, and flames	X00-X09	14	0	--	--	0	0	--	--	--	--	--	0
Accidental poisoning and exposure to noxious substances	X40-X49	538	0	0	0	48	122	130	115	94	24	5	
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	155	--	--	--	6	10	14	10	16	17	73	
<b>Intentional self-harm (suicide)</b>	<b>*U03, X60-X84, Y87.0</b>	<b>665</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>120</b>	<b>127</b>	<b>159</b>	<b>104</b>	<b>71</b>	<b>46</b>	<b>25</b>	
Intentional self-harm (suicide) by discharge of firearms	X72-X74	339	0	0	--	61	65	77	52	31	33	17	
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	326	0	0	10	59	62	82	52	40	13	8	
<b>Assault (homicide)</b>	<b>*U01-*U02, X85-Y09, Y87.1</b>	<b>67</b>	--	--	--	16	14	6	13	--	5	--	
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	34	0	0	--	10	11	--	6	--	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	33	--	--	0	6	--	--	7	--	5	--	
<b>Events of undetermined intent</b>	<b>Y10-Y34, Y87.2, Y89.9</b>	<b>63</b>	<b>0</b>	<b>--</b>	<b>0</b>	<b>--</b>	<b>9</b>	<b>10</b>	<b>14</b>	<b>18</b>	<b>--</b>	<b>--</b>	
Discharge of firearms, undetermined intent	Y22-Y24	5	0	--	0	--	--	--	0	0	0	0	
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y87.2, Y89.9	58	0	--	0	--	8	9	14	18	--	--	
<b>Legal intervention</b>	<b>Y35, Y89.0</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>--</b>	<b>0</b>	<b>--</b>	<b>0</b>	<b>0</b>	
	<b>Y36, Y89.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Operations of war and their sequelae</b>													
<b>Complications of medical and surgical care</b>	<b>Y40-Y84, Y88</b>	<b>35</b>	--	--	0	--	0	--	--	--	10	15	

Note: Numbers may not add to total due to missing data.

**Table A36. Deaths by health district and county and place where death occurred: Utah occurrences, 2018**

Health district and county	Place of death					
	Total	Hospital	Home	Enroute	Assisted living and nursing home	Other place
<b>Total</b>	19,027	5,258	9,615	17	2,840	1,297
<b>Bear River</b>	880	116	532	--	173	58
<b>Box Elder</b>	311	39	189	0	61	22
<b>Cache</b>	558	76	338	--	112	31
<b>Rich</b>	11	--	5	0	0	5
<b>Central Utah</b>	518	100	283	--	80	54
<b>Juab</b>	68	17	33	0	10	8
<b>Millard</b>	91	20	30	0	25	16
<b>Piute</b>	10	0	10	0	0	0
<b>Sanpete</b>	162	39	93	--	16	13
<b>Sevier</b>	170	22	104	0	29	15
<b>Wayne</b>	17	--	13	0	0	--
<b>Davis</b>	1,673	300	1,012	--	271	88
<b>Salt Lake</b>	7,768	2,571	3,569	--	1,089	535
<b>San Juan</b>	96	13	47	--	12	23
<b>Southeastern</b>	361	58	181	0	81	41
<b>Carbon</b>	205	44	94	0	57	10
<b>Emery</b>	65	0	44	0	10	11
<b>Grand</b>	91	14	43	0	14	20
<b>Southwest</b>	2,101	554	1,060	--	328	158
<b>Beaver</b>	63	26	18	--	13	5
<b>Garfield</b>	60	19	29	0	5	7
<b>Iron</b>	289	37	172	0	45	35
<b>Kane</b>	83	12	46	0	12	13
	1,606	460	795	0	253	98
<b>Summit</b>	110	5	83	0	--	20
<b>Tooele</b>	310	36	189	--	50	34
<b>TriCounty</b>	336	61	190	--	39	45
<b>Daggett</b>	6	0	--	0	0	--
<b>Duchesne</b>	143	31	73	--	16	22
<b>Uintah</b>	187	30	113	0	23	21
<b>Utah County</b>	2,728	792	1,455	--	330	148
<b>Wasatch</b>	135	9	83	0	22	21
<b>Weber-Morgan</b>	2,009	643	929	--	363	72
<b>Morgan</b>	46	0	37	0	5	--
<b>Weber</b>	1,963	643	892	--	358	68

Note: Numbers may not add to total due to missing data.

Table A37. Deaths from unnatural causes by health district and county: Utah residents, 2018

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	2,100	258	1,029	85	665	63	
Bear River	117	18	56	--	37	5	
Box Elder	49	6	27	-	13	--	
Cache	67	12	28	0	24	--	
Rich	--	0	--	0	0	0	
Central Utah	67	10	31	--	22	--	
Juab	12	--	5	--	--	0	
Millard	10	--	--	0	--	0	
Piute	--	0	--	0	0	0	
Sanpete	21	--	13	0	6	0	
Sevier	17	--	5	0	9	--	
Wayne	6	--	--	0	--	0	
Davis	175	17	84	--	68	--	
Salt Lake	834	101	425	41	243	24	
San Juan	24	5	10	--	5	0	
Southeastern	50	5	30	--	12	--	
	20	--	11	0	--	--	
Emery	15	--	10	0	--	0	
Grand	15	--	9	--	--	0	
Southwest	183	26	86	5	60	6	
Beaver	5	0	--	0	--	0	
Garfield	9	--	--	--	--	0	
Iron	40	-	20	--	13	--	
Kane	10	5	0	0	5	0	
Washington	119	15	61	--	36	--	
Summit	18	--	10	--	6	0	
Tooele	54	6	26	--	17	--	
TriCounty	61	9	24	5	22	--	
Daggett	--	0	--	0	0	0	
Uintah	33	--	16	--	11	0	
Duchesne	27	7	7	-	11	1	
Utah	283	33	139	7	93	11	
Wasatch	22	--	12	0	7	0	
Weber-Morgan	208	23	95	12	71	7	
Morgan	6	0	--	0	--	0	
Weber	202	23	91	12	69	7	

Note: Numbers may not add to total due to missing data.

**Table A38. Deaths from unnatural causes by age and gender: Utah residents, 2018**

Age and gender	Cause of death (10th rev.)						
	Unintentional injuries (V01-X59, Y85-Y86)						
	Motor vehicle accidents		Other accidents		Assault (homicide)		
	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		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	V90-X59, Y86	*U01-*U02, X85-Y09, Y87.1 and legal intervention	Intentional self-harm (suicide)	Events of undetermined intent *U03, Y10-Y34, Y87.2, Y89.9
Total	2,100	258		1,029	85	665	63
M	1,437	182		634	69	515	37
F	661	76		394	16	149	26
<b>Under 15</b>	53	13		19	6	13	--
M	37	7		13	5	10	--
F	16	6		6	--	--	0
<b>15-19</b>	101	22		13	11	53	--
M	75	11		11	9	42	--
F	25	11		--	--	10	0
<b>20-24</b>	163	32		51	11	67	--
M	128	24		40	9	53	--
F	35	8		11	--	14	0
<b>25-34</b>	343	48		139	20	127	9
M	255	35		100	17	98	5
F	88	13		39	--	29	--
<b>35-44</b>	369	34		156	10	159	10
M	273	24		110	9	125	5
F	96	10		46	--	34	5
<b>45-54</b>	316	33		152	13	104	14
M	213	23		91	7	83	9
F	103	10		61	6	21	5
<b>55-64</b>	260	29		137	5	71	18
M	168	22		85	5	49	7
F	92	7		52	0	22	11
<b>65-74</b>	175	24		96	5	46	--
M	126	18		62	5	37	--
F	49	6		34	0	9	0
<b>75-84</b>	159	15		117	--	24	--
M	94	12		63	--	17	0
F	65	--		54	0	7	--
<b>85 and over</b>	161	8		149	--	--	--
M	68	6		59	--	--	--
F	92	--		89	--	0	0

Note: Numbers may not add to total due to missing data.

**Table A39. Deaths from unnatural causes by race and gender: Utah residents, 2018**

Race/ethnicity and gender	Cause of death (10th rev.)						
	Unintentional injuries (V01-X59, Y85-Y86)				Assault (homicide)	Intentional self-harm (suicide)	Events of undetermined intent
	Motor vehicle accidents	Other accidents	*U01-*U02, X85-Y09,	Y87.1 and legal intervention			
Total	2,100	258	1,029	85	665	63	
M	1,437	182	634	69	515	37	
F	661	76	394	16	149	26	
Total	2,100	258	1,029	85	665	63	
M	1,437	182	634	69	515	37	
F	661	76	394	16	149	26	
White	1,942	230	962	67	624	59	
M	1,319	162	586	54	484	33	
F	621	68	375	13	139	26	
Black	28	5	10	5	8	0	
M	24	--	8	5	8	0	
F	--	--	--	0	0	0	
Native American	59	12	27	7	13	0	
M	38	9	16	6	7	0	
F	21	--	11	--	6	0	
Asian and Pacific Islander	41	--	19	--	15	--	
M	33	--	16	--	12	--	
F	8	--	--	--	--	0	
Other Non-White	26	8	8	--	5	--	
M	20	6	5	--	--	--	
F	6	--	--	0	--	0	

Note: Numbers may not add to total due to missing data.

**Table A40. Deaths from unintentional injuries by cause and month: Utah occurrences, 2018**

Cause of death (10th rev.)	Total	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	19,028	1,760	1,558	1,616	1,600	1,577	1,525	1,584	1,537	1,459	1,628	1,562	1,622
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	288	14	13	27	21	25	32	34	37	27	32	10	16
Other land 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	28	--	--	--	0	--	5	--	5	--	--	--	0
Railway V05, V15, V80.6, V81.2-V81.9	87	8	5	8	--	5	7	16	5	10	8	6	5
Water transport V90-V94	0	0	0	0	0	0	0	0	0	0	0	0	0
Air and space transport V95-V97	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls W00-W19	287	21	24	30	23	27	22	28	24	21	13	25	29
All other and unspecified W20-W31, W35-W38, W41-W64, W92-W99, X20-X32, X39, X50-X59, Y86	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharge of firearms W32-W34	--	0	0	0	0	0	0	0	0	--	0	0	0
Accidental discharge of firework and explosion of other materials W39-W40	--	--	0	--	0	0	0	0	0	0	0	0	0
Drowning and submersion W65-W74	31	--	--	--	--	--	6	6	--	--	0	--	--
Other accidental and unspecified threats to breathing W75-W77, W81-W84	12	--	--	0	--	--	--	--	0	0	0	--	0
Inhalation and ingestion of food or other objects causing W78-W80	45	6	7	--	--	--	5	--	--	--	--	--	--
Electric current W85-W87	6	0	0	0	0	0	0	0	--	0	--	--	0
Exposure to Smoke, fire and flames X00-X09	18	--	0	0	--	--	--	--	--	--	0	5	--
Contact with heat and hot X10-X19	0	0	0	0	0	0	0	0	0	0	0	0	0
Nature and environment X33-X38	0	0	0	0	0	0	0	0	0	0	0	0	0
Poisoning and exposure to noxious substances X40-X49	549	45	51	47	52	53	49	50	49	40	34	37	42
Non-unintentional injuries	17,666	1,656	1,451	1,495	1,490	1,456	1,397	1,439	1,411	1,347	1,536	1,463	1,525

Cause of death is ordered alphabetically by ICD-10 code.

Note: Numbers may not add to total due to missing data.

**Table A41. Deaths from unintentional injuries by cause, age, and gender: Utah occurrences, 2018**

Cause of death (10th rev.)	Age and gender																										
	Total			Under 15			15-19			20-24			25-34			35-44			45-54			55-64			65 and over		
	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	19,028	9,948	9,074	394	229	164	139	102	37	200	149	51	538	357	181	777	482	295	1,097	646	451	2,203	1,317	886	13,677	6,666	7,009
<b>Motor vehicle accidents</b> 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	288	202	86	18	10	8	24	14	10	36	26	10	50	39	11	39	27	12	35	22	13	30	22	8	56	42	14
<b>Other land transport</b> 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	28	22	6	0	0	0	0	0	0	--	--	0	--	--	--	--	0	--	6	6	0	7	5	--	8	6	--
<b>Railway</b> V05, V15, V80.6, V81.2-V81.9	87	51	36	0	0	0	0	0	0	--	--	0	--	--	0	7	7	0	7	5	--	7	6	--	61	28	33
<b>Water transport</b> V90-V94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Air and space transport</b> V95-V97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Falls</b> W00-W19	287	158	128	--	0	--	--	--	--	--	--	0	--	--	0	6	5	--	17	12	5	19	15	--	236	119	116
<b>All other and unspecified</b> W20-W31, W35-W38, W41-W64, W92-W99, X20-X32, X39, X50-X59, Y86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Discharge of firearms</b> W32-W34	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	0
<b>Accidental discharge of firework and explosion of</b> W39-W40	--	--	0	0	0	0	0	0	0	0	0	0	--	--	0	0	0	0	0	0	0	--	--	0	0	0	0
<b>Drowning and submersion</b> W65-W74	31	23	8	--	--	--	--	--	--	--	--	0	--	0	--	--	--	--	5	--	--	--	--	0	9	6	--
<b>Other accidental and unspecified threats to</b> W75-W77, W81-W84	12	9	--	5	--	--	--	--	--	0	--	0	0	0	0	--	--	0	0	0	0	--	0	--	0	--	
<b>Inhalation and ingestion of food or other objects</b> W78-W80	45	24	21	--	--	--	0	0	0	--	--	0	--	--	--	0	0	0	--	--	--	7	--	--	31	16	15
<b>Electric current</b> W85-W87	6	6	0	0	0	0	--	--	0	0	0	0	--	--	0	--	--	0	0	0	0	0	0	0	0	0	0
<b>Exposure to Smoke, fire and flames</b> X00-X09	18	12	6	--	--	--	0	0	0	0	0	0	--	--	0	--	--	0	--	--	--	5	5	0	5	--	--
<b>Contact with heat and hot</b> X10-X19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Nature and environment</b> X33-X38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Poisoning and exposure to noxious substances</b> X40-X49	549	346	203	0	0	0	6	6	0	41	29	12	121	88	33	134	89	45	120	65	55	95	52	43	32	17	15
<b>Not stated</b>	8	5	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--	0	--	--	0	--	--	--
<b>Non-unintentional injuries</b>	17,666	9,087	8,576	361	209	151	101	76	25	112	83	29	349	215	134	582	347	235	899	527	372	2,028	1,203	825	13,233	6,427	6,805

Cause of death is ordered alphabetically by ICD-10 code.

Note: Numbers may not add to total due to missing data.

**Table A42a. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	Total	County							
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	
Total		1,059	0	22	17	18	0	70	6	--
Salmonella infections	A01-A02	--	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	A03,A06	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	A04,A07-A09	--	0	0	0	0	0	0	--	0
Tuberculosis	A16-A19	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis	A16	0	0	0	0	0	0	0	0	0
Other tuberculosis	A17-A19	0	0	0	0	0	0	0	0	0
Whooping cough	A37	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	A38, A46	0	0	0	0	0	0	0	0	0
Meningococcal infection	A39	0	0	0	0	0	0	0	0	0
Septicemia	A40-A41	5	0	0	0	0	0	0	0	0
Syphilis	A50-A53	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	A80	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
Measles	B05	0	0	0	0	0	0	0	0	0
Viral hepatitis	B15-B19	--	0	0	0	0	0	0	0	0
Human immunodeficiency virus (HIV) disease	B20-B24	--	0	0	0	0	0	0	0	0
Malaria	B50-B54	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
<b>Malignant neoplasms</b>	<b>C00-C97</b>	<b>180</b>	<b>0</b>	<b>--</b>	<b>5</b>	<b>--</b>	<b>0</b>	<b>10</b>	<b>--</b>	<b>0</b>
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	--	0	0	0	0	0	0	0	0
Malignant neoplasm of esophagus	C15	--	0	0	0	0	0	--	0	0
Malignant neoplasm of stomach	C16	9	0	0	--	0	0	0	0	0
Malignant neoplasms of colon, rectum and anus	C18-C21	13	0	0	--	0	0	0	0	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	14	0	0	0	0	0	--	0	0
Malignant neoplasm of pancreas	C25	11	0	0	0	0	0	0	0	0
Malignant neoplasm of larynx	C32	--	0	0	0	0	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	21	0	0	--	--	0	--	0	0
Malignant melanoma of skin	C43	--	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	C50	24	0	--	0	0	0	--	0	0
Malignant neoplasm of cervix uteri	C53	--	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
Malignant neoplasm of ovary	C56	8	0	0	0	0	0	--	0	0

**Table A42b. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
<b>Total</b>		--	13	0	0	--	0	0	0	542	--
Salmonella infections	A01-A02	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
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	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
Human immunodeficiency virus (HIV) disease	B20-B24	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	0	0	0	0	0	--	0
<b>Malignant neoplasms</b>	<b>C00-C97</b>	--	--	0	0	--	0	0	0	93	--
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	0	0	0	--	0
Malignant neoplasm of stomach	C16	0	0	0	0	0	0	0	0	5	0
Malignant neoplasms of colon, rectum and anus	C18-C21	0	0	0	0	0	0	0	0	8	--
Malignant neoplasms of liver and intrahepatic bile ducts	C22	0	0	0	0	0	0	0	0	10	0
Malignant neoplasm of pancreas	C25	0	0	0	0	0	0	0	0	8	0
Malignant neoplasm of larynx	C32	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	9	0
Malignant melanoma of skin	C43	0	0	0	0	0	0	0	0	--	0
Malignant neoplasm of breast	C50	0	--	0	0	0	0	0	0	9	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	0	0
Malignant neoplasm of ovary	C56	0	0	0	0	0	0	0	0	5	0

**Table A42c. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Savvier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Total		--	--	5	32	7	126	9	43	0	129
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
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	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	0
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	0	--	0	0	0	0	0
<b>Malignant neoplasms</b>	<b>C00-C97</b>	--	--	--	5	--	26	--	9	0	13
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	0	0	0	0	0	0	0	0	0	-
Malignant neoplasm of esophagus	C15	0	0	0	0	0	--	0	0	0	0
Malignant neoplasm of stomach	C16	0	0	--	0	0	0	0	0	0	--
Malignant neoplasms of colon, rectum and anus	C18-C21	0	0	0	0	0	--	0	--	0	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	0	--	0	0	--	0	0	0	0	--
Malignant neoplasm of pancreas	C25	0	0	0	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	0	0	0	0	0	--	0	--	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	7	0	0	0	5
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	0
Malignant neoplasm of ovary	C56	0	0	0	--	0	--	0	0	0	0

Table A42a continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018

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	16	0	0	--	--	0	--	0	0	0
Malignant neoplasms of kidney and renal pelvis	C64-C65	7	0	--	0	0	0	0	0	0	0
Malignant neoplasm of bladder	C67	--	0	0	--	0	0	0	0	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	11	0	--	0	0	0	0	0	0	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	16	0	0	0	0	0	--	0	0	0
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	6	0	0	0	0	0	--	0	0	0
Leukemia	C91-C95	8	0	0	0	0	0	0	0	0	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	--	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	19	0	--	0	0	0	0	0	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	6	0	0	0	0	0	0	0	0	0
Anemias	D50-D64	--	0	0	0	--	0	0	0	0	0
Diabetes mellitus	E10-E14	63	0	--	0	--	0	--	0	0	0
Nutritional deficiencies	E40-E64	10	0	0	0	0	0	0	0	0	0
Malnutrition	E40-E46	10	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
Parkinson's disease	G20-G21	6	0	0	0	0	0	0	0	0	0
Alzheimer's disease	G30	38	0	--	--	--	0	--	0	0	0
Major cardiovascular diseases	I00-I78	194	0	6	--	--	0	12	--	--	0
Diseases of heart	I00-I09, I11, I13, I20-I51	137	0	5	--	--	0	9	--	0	0
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	--	0	0	0	0	0	--	0	0	0
Hypertensive heart disease	I11	17	0	0	0	0	0	--	0	0	0
Hypertensive heart and renal disease	I13	--	0	0	0	0	0	0	0	0	0
Ischemic heart diseases	I20-I25	66	0	--	0	--	0	--	--	0	0
Acute myocardial infarction	I21-I22	23	0	--	0	0	0	0	--	0	0
Other acute ischemic heart diseases	I24	--	0	0	0	0	0	--	0	0	0
Other forms of chronic ischemic heart disease	I20, I25	41	0	--	0	--	0	--	0	0	0
Atherosclerotic cardiovascular disease, so described	I25.0	13	0	0	0	--	0	0	0	0	0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	28	0	--	0	--	0	--	0	0	0

**Table A42b continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018**

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	7	0
Malignant neoplasms of kidney and renal pelvis	C64-C65	0	0	0	0	0	0	0	0	--	0
Malignant neoplasm of bladder	C67	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	--	--	0	0	0	0	0	0	--	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	0	0	0	0	0	0	0	0	10	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	--	0
Leukemia	C91-C95	0	0	0	0	0	0	0	0	5	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	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	--	0	0	--	0	0	0	12	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	0	0	0	0	0	0	0	0	--	0
Anemias	D50-D64	0	0	0	0	0	0	0	0	--	0
Diabetes mellitus	E10-E14	0	0	0	0	--	0	0	0	34	0
Nutritional deficiencies	E40-E64	0	--	0	0	0	0	0	0	6	0
Malnutrition	E40-E46	0	--	0	0	0	0	0	0	6	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
Parkinson's disease	G20-G21	0	0	0	0	0	0	0	0	--	0
Alzheimer's disease	G30	0	0	0	0	0	0	0	0	21	0
Major cardiovascular diseases	I00-I78	0	--	0	0	0	0	0	0	93	--
Diseases of heart	I00-I09, I11, I13, I20-I51	0	0	0	0	0	0	0	0	63	--
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	0	8	-
Hypertensive heart and renal disease	I13	0	0	0	0	0	0	0	0	0	0
Ischemic heart diseases	I20-I25	0	0	0	0	0	0	0	0	32	0
Acute myocardial infarction	I21-I22	0	0	0	0	0	0	0	0	9	0
Other acute ischemic heart diseases	I24	0	0	0	0	0	0	0	0	-	0
Other forms of chronic ischemic heart disease	I20, I25	0	0	0	0	0	0	0	0	22	0
Atherosclerotic cardiovascular disease, so described	I25.0	0	0	0	0	0	0	0	0	6	0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	0	0	0	0	0	0	0	0	16	0

Table A42c continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018

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	0
Malignant neoplasms of kidney and renal pelvis	C64-C65	0	0	0	0	0	--	0	0	0	--
Malignant neoplasm of bladder	C67	0	0	0	0	0	--	0	0	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	0	0	0	--	0	--	--	0	0	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	0	0	0	--	0	--	0	0	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	0
Leukemia	C91-C95	0	0	0	--	0	--	0	0	0	--
Multiple myeloma and immunoproliferative neoplasms	C88, C90	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	0	0	0	--	--	0	--	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	0	0	0	0	0	--	0	0	0	--
Anemias	D50-D64	0	0	0	--	0	0	0	0	0	0
Diabetes mellitus	E10-E14	--	0	0	--	--	--	--	--	0	8
Nutritional deficiencies	E40-E64	0	0	0	0	0	0	0	--	0	--
Malnutrition	E40-E46	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	0	0	--
Alzheimer's disease	G30	0	0	--	--	0	--	0	--	0	5
Major cardiovascular diseases	I00-I78	0	0	--	5	0	25	--	5	0	30
Diseases of heart	I00-I09, I11, I13, I20-I51	0	0	0	--	0	16	--	--	0	26
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	0	0	0	0	0	--	0	0	0	0
Hypertensive heart disease	I11	0	0	0	0	0	--	--	0	0	--
Hypertensive heart and renal disease	I13	0	0	0	0	0	0	0	0	0	--
Ischemic heart diseases	I20-I25	0	0	0	--	0	6	--	--	0	14
Acute myocardial infarction	I21-I22	0	0	0	--	0	--	--	--	0	6
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	0	0	5	0	0	0	8
Atherosclerotic cardiovascular disease, so described	I25.0	0	0	0	0	0	0	0	0	0	5
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	0	0	0	0	0	5	0	0	0	--

Table A42a continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Other heart diseases	I26-I51	51	0	--	--	--	0	--	0	0	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	19	0	0	0	0	0	0	0	0	0
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	32	0	--	--	--	0	--	0	0	0
Essential (primary) hypertension and hypertensive renal disease	I10, I12, I15	7	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	I60-I69	43	0	--	0	0	0	--	0	--	0
Atherosclerosis	I70	0	0	0	0	0	0	0	0	0	0
Other diseases of the circulatory system	I71-I78	7	0	0	--	0	0	--	0	0	0
Aortic aneurysm and dissection	I71	--	0	0	--	0	0	0	0	0	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	--	0	0	--	0	0	--	0	0	0
Other disorders of circulatory system	I80-I99	--	0	0	0	0	0	0	0	0	0
Influenza and pneumonia	J09-J18	13	0	0	--	0	0	--	0	0	0
Influenza	J09-J11	--	0	0	--	0	0	--	0	0	0
Pneumonia	J12-J18	10	0	0	0	0	0	--	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	23	0	0	0	--	0	--	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
Asthma	J45-J46	--	0	0	0	0	0	0	0	0	0
Other chronic lower respiratory diseases	J44, J47	19	0	0	0	--	0	--	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	--	0	0	0	0	0	0	0	0	0
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	26	0	0	0	--	0	--	0	0	0
Peptic ulcer	K25-K28	--	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	36	0	--	--	--	0	--	0	0	0
Alcoholic liver disease	K70	18	0	--	--	--	0	--	0	0	0
Other chronic liver disease and cirrhosis	K73-K74	18	0	--	--	--	0	--	0	0	0
Cholelithiasis and other disorders of gallbladder	K80-K82	0	0	0	0	0	0	0	0	0	0

Table A42b continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Other heart diseases	I26-I51	0	0	0	0	0	0	0	0	23	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	13	0
Essential (primary) hypertension and hypertensive renal disease	I10, I12, I15	0	--	0	0	0	0	0	0	--	0
Cerebrovascular diseases	I60-I69	0	--	0	0	0	0	0	0	24	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
Aortic aneurysm and dissection	I71	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
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	0	0	0	0	0	8	0
Influenza	J09-J11	0	0	0	0	0	0	0	0	--	0
Pneumonia	J12-J18	0	0	0	0	0	0	0	0	7	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	16	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
Asthma	J45-J46	0	0	0	0	0	0	0	0	--	0
Other chronic lower respiratory diseases	J44, J47	0	0	0	0	0	0	0	0	13	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	0	0
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	0	--	0	0	0	0	0	0	9	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	0	0
Chronic liver disease and cirrhosis	K70, K73-K74	0	--	0	0	0	0	0	0	20	--
Alcoholic liver disease	K70	0	--	0	0	0	0	0	0	10	--
Other chronic liver disease and cirrhosis	K73-K74	0	0	0	0	0	0	0	0	10	0
Cholelithiasis and other disorders of gallbladder	K80-K82	0	0	0	0	0	0	0	0	0	0

Table A42c continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Other heart diseases	I26-I51	0	0	0	--	0	7	--	--	0	8
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	--
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	0	0	0	--	0	--	0	--	0	5
Essential (primary) hypertension and hypertensive renal disease	I10, I12, I15	0	0	0	0	0	0	0	0	0	--
Cerebrovascular diseases	I60-I69	0	0	--	--	0	7	0	--	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
Aortic aneurysm and dissection	I71	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
Other disorders of circulatory system	I80-I99	0	0	0	0	0	--	0	0	0	0
<b>Influenza and pneumonia</b>	<b>J09-J18</b>	0	0	0	0	0	0	0	0	0	--
Influenza	J09-J11	0	0	0	0	0	0	0	0	0	0
Pneumonia	J12-J18	0	0	0	0	0	0	0	0	0	--
<b>Other acute lower respiratory infections</b>	<b>J20-J22</b>	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
<b>Chronic lower respiratory diseases</b>	<b>J40-J47</b>	0	--	0	--	0	--	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	0	0	0	--	0	0	0	0	0	0
Other chronic lower respiratory diseases	J44, J47	0	--	0	0	0	--	0	0	0	--
<b>Pneumoconioses and chemical effects</b>	<b>J60-J66, J68</b>	0	0	0	0	0	0	0	0	0	0
<b>Pneumonitis due to solids and liquids</b>	<b>J69</b>	0	0	0	0	0	--	0	0	0	--
<b>Other diseases of respiratory system</b>	<b>J00-J06, J30-J39, J67, J70-J98</b>	0	0	0	--	0	--	--	--	0	6
Peptic ulcer	K25-K28	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	--	0	0	0	0	0	--
Alcoholic liver disease	K70	0	0	0	0	0	0	0	0	0	--
Other chronic liver disease and cirrhosis	K73-K74	0	0	0	--	0	0	0	0	0	--
Cholelithiasis and other disorders of gallbladder	K80-K82	0	0	0	0	0	0	0	0	0	0

Table A42a continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Nephritis, nephrotic syndrome and nephrosis	N00-N07,N17-N19, N25-N27	19	0	--	--	--	0	0	0	0	0
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01,N04	0	0	0	0	0	0	0	0	0	0
		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										
Renal failure	N17-N19	19	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,	--	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
Pregnancy, childbirth and puerperium	O00-O99	--	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
Certain conditions originating in the perinatal period	P00-P96	30	0	0	0	0	0	--	0	--	0
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	24	0	0	--	0	0	--	0	0	0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	22	0	0	0	0	0	--	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	134	0	--	--	--	0	12	--	--	0
Unintentional injuries	V01-X59, Y85-Y86	124	0	--	0	--	0	5	--	0	0
Transport accidents	V01-V99, Y85	48	0	0	0	--	0	0	--	0	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	43	0	0	0	--	0	0	--	0	0

Table A42b continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
<b>Nephritis, nephrotic syndrome and nephrosis</b>	<b>N00-N07,N17-N19, N25-N27</b>	0	0	0	0	0	0	0	0	5	0
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	0
Renal failure	N17-N19	0	0	0	0	0	0	0	0	5	0
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0
<b>Infections of kidney</b>	<b>N10-N12, N13.6,</b>	0	0	0	0	0	0	0	0	0	0
<b>Hyperplasia of prostate</b>	<b>N40</b>	0	0	0	0	0	0	0	0	0	0
<b>Inflammatory diseases of female pelvic organs</b>	<b>N70-N76</b>	0	0	0	0	0	0	0	0	0	0
<b>Pregnancy, childbirth and puerperium</b>	<b>O00-O99</b>	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
<b>Certain conditions originating in the perinatal period</b>	<b>P00-P96</b>	0	0	0	0	0	0	0	0	15	0
<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>Q00-Q99</b>	0	0	0	0	0	0	0	0	12	0
<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>R00-R99</b>	0	--	0	0	0	0	0	0	8	0
<b>All other diseases (Residual)</b>	<b>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</b>	0	--	0	0	0	0	0	0	65	0
<b>Unintentional injuries</b>	<b>V01-X59, Y85-Y86</b>	--	0	0	0	0	0	0	0	75	0
<b>Transport accidents</b>	<b>V01-V99, Y85</b>	--	0	0	0	0	0	0	0	32	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	--	0	0	0	0	0	0	0	27	0

Table A42c continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
<b>Nephritis, nephrotic syndrome and nephrosis</b>	<b>N00-N07, N17-N19, N25-N27</b>	0	0	0	--	0	5	0	--	0	--
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	0
Renal failure	N17-N19	0	0	0	--	0	5	0	--	0	--
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0
<b>Infections of kidney</b>	<b>N10-N12, N13.6,</b>	0	0	0	0	0	--	0	0	0	0
<b>Hyperplasia of prostate</b>	<b>N40</b>	0	0	0	0	0	0	0	0	0	0
<b>Inflammatory diseases of female pelvic organs</b>	<b>N70-N76</b>	0	0	0	0	0	0	0	0	0	0
<b>Pregnancy, childbirth and puerperium</b>	<b>O00-O99</b>	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
<b>Certain conditions originating in the perinatal period</b>	<b>P00-P96</b>	0	0	0	--	0	--	0	--	0	--
<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>Q00-Q99</b>	0	0	0	--	0	6	0	--	0	--
<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>R00-R99</b>	0	0	0	0	0	--	0	--	0	5
<b>All other diseases (Residual)</b>	<b>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</b>	0	0	0	--	--	13	0	7	0	22
<b>Unintentional injuries</b>	<b>V01-X59, Y85-Y86</b>	0	0	0	--	--	17	--	--	0	8
<b>Transport accidents</b>	<b>V01-V99, Y85</b>	0	0	0	--	0	5	--	--	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	0	0	0	--	0	5	--	--	0	--

Table A42a continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
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
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
<b>Nontransport accidents</b>	<b>W00-X59, Y86</b>	<b>76</b>	<b>0</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>--</b>	<b>0</b>	<b>0</b>
Falls	W00-W19	10	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	0	0	0	0	0
Accidental exposure to smoke, fire, and flames	X00-X09	--	0	0	0	0	0	0	0	0	0
Accidental poisoning and exposure to noxious substances	X40-X49	55	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	8	0	--	0	0	0	--	--	0	0
<b>Intentional self-harm (suicide)</b>	<b>*U03, X60-X84, Y87.0</b>	<b>56</b>	<b>0</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>--</b>
Intentional self-harm (suicide) by discharge of firearms	X72-X74	21	0	--	0	0	0	--	0	0	--
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	35	0	--	0	0	0	--	0	0	0
<b>Assault (homicide)</b>	<b>*U01-*U02, X85-Y09, Y87.1</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	12	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	5	0	0	0	0	0	0	0	0	0
<b>Legal intervention</b>	<b>Y35, Y89.0</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Events of undetermined intent</b>	<b>Y10-Y34, Y87.2, Y89.9</b>	<b>7</b>	<b>0</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>
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	7	0	--	0	0	0	--	0	0	0
<b>Operations of war and their sequelae</b>	<b>Y36, Y89.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Complications of medical and surgical care</b>	<b>Y40-Y84, Y88</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: Numbers may not add to total due to missing data.

Table A42b continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
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
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
<b>Nontransport accidents</b>	<b>W00-X59, Y86</b>	0	0	0	0	0	0	0	0	43	0
Falls	W00-W19	0	0	0	0	0	0	0	0	8	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	0	0	0	0	0
Accidental exposure to smoke, fire, and flames	X00-X09	0	0	0	0	0	0	0	0	--	0
Accidental poisoning and exposure to noxious substances	X40-X49	0	0	0	0	0	0	0	0	30	0
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	0	0	0	0	0	0	0	0	--	0
<b>Intentional self-harm (suicide)</b>	<b>*U03, X60-X84, Y87.0</b>	0	--	0	0	0	0	0	0	30	--
Intentional self-harm (suicide) by discharge of firearms	X72-X74	0	--	0	0	0	0	0	0	12	--
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	0	--	0	0	0	0	0	0	18	0
<b>Assault (homicide)</b>	<b>*U01-*U02, X85-Y09, Y87.1</b>	--	0	0	0	0	0	0	0	8	0
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	--	0	0	0	0	0	0	0	5	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
<b>Legal intervention</b>	<b>Y35, Y89.0</b>	0	0	0	0	0	0	0	0	--	0
<b>Events of undetermined intent</b>	<b>Y10-Y34, Y87.2, Y89.9</b>	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	--	0
<b>Operations of war and their sequelae</b>	<b>Y36, Y89.1</b>	0	0	0	0	0	0	0	0	0	0
<b>Complications of medical and surgical care</b>	<b>Y40-Y84, Y88</b>	0	0	0	0	0	0	0	0	--	0

Note: Numbers may not add to total due to missing data.

**Table A42c continued. Deaths to decedents of Hispanic origin by selected causes and county: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Savvier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
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
<b>Nontransport accidents</b>	<b>W00-X59, Y86</b>	0	0	0	--	--	12	--	--	0	7
Falls	W00-W19	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	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	0	0	0	--	--	10	--	--	0	5
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	0	0	0	0	--	0	0	0	0	--
<b>Intentional self-harm (suicide)</b>	<b>*U03, X60-X84, Y87.0</b>	0	0	0	--	0	6	0	--	0	5
Intentional self-harm (suicide) by discharge of firearms	X72-X74	0	0	0	0	0	--	0	0	0	--
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	0	0	0	--	0	--	0	--	0	--
<b>Assault (homicide)</b>	<b>*U01-*U02, X85-Y09, Y87.1</b>	0	0	0	--	0	--	0	--	0	--
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	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	--
<b>Legal intervention</b>	<b>Y35, Y89.0</b>	0	0	0	0	0	0	0	0	0	--
<b>Events of undetermined intent</b>	<b>Y10-Y34, Y87.2, Y89.9</b>	0	0	0	0	0	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	0	0	0	0	0	0	0	--	0	--
<b>Operations of war and their sequelae</b>	<b>Y36, Y89.1</b>	0	0	0	0	0	0	0	0	0	0
<b>Complications of medical and surgical care</b>	<b>Y40-Y84, Y88</b>	0	0	0	0	0	0	0	0	0	0

Note: Numbers may not add to total due to missing data.

**Table A43. Deaths to decedents of Hispanic origin by selected causes and age: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	All ages	Age										75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	180	
Total		1,059	57	7	10	55	75	74	118	145	180	337	
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	0	0
Certain other intestinal infections	A04,A07-A09	--	0	0	0	0	--	0	--	0	0	0	--
Tuberculosis	A16-A19	0	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	0
Other tuberculosis	A17-A19	0	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	0
Scarlet fever and erysipelas	A38, A46	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	A39	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	A40-A41	5	0	0	0	0	--	0	--	0	--	--	--
Syphilis	A50-A53	0	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	0
Arthropod-borne viral encephalitis	A83-A84, A85.2	0	0	0	0	0	0	0	0	0	0	0	0
Measles	B05	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	B15-B19	--	0	0	0	0	0	0	--	0	0	0	0
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	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	--	--
<b>Malignant neoplasms</b>	<b>C00-C97</b>	180	--	--	0	--	7	8	24	33	51	53	
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	0	0	--	--	--	--
Malignant neoplasm of stomach	C16	9	0	0	0	0	--	0	--	0	--	--	--
Malignant neoplasms of colon, rectum and anus	C18-C21	13	0	0	0	0	0	--	--	5	--	--	--
Malignant neoplasms of liver and intrahepatic bile ducts	C22	14	--	0	0	0	0	0	--	--	7	--	--
Malignant neoplasm of pancreas	C25	11	0	0	0	0	0	0	--	--	5	--	--
Malignant neoplasm of larynx	C32	--	0	0	0	0	0	0	--	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	21	0	0	0	0	0	0	0	--	8	10	
Malignant melanoma of skin	C43	--	0	0	0	0	0	0	0	0	--	0	0
Malignant neoplasm of breast	C50	24	0	0	0	0	--	--	6	6	--	8	
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	0	0
Malignant neoplasm of ovary	C56	8	0	0	0	0	--	0	0	--	--	--	0

**Table A43 continued. Deaths to decedents of Hispanic origin by selected causes and age: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	All ages	Age									75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	
Malignant neoplasm of prostate	C61	15	0	0	0	0	0	0	0	--	--	12
Malignant neoplasms of kidney and renal pelvis	C64-C65	7	0	0	0	0	0	--	--	0	--	--
Malignant neoplasm of bladder	C67	--	0	0	0	0	0	0	--	--	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	11	0	0	0	0	--	--	--	--	--	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	16	0	--	0	--	0	0	--	--	5	5
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	6	0	0	0	0	0	0	0	0	--	--
Leukemia	C91-C95	8	0	--	0	--	0	0	--	--	--	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	--	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	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	19	0	0	0	--	--	--	--	5	--	--
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	6	0	0	0	0	0	--	--	--	--	--
Anemias	D50-D64	--	0	0	0	0	--	0	0	0	--	0
Diabetes mellitus	E10-E14	63	0	0	0	0	0	--	--	10	14	18
Nutritional deficiencies	E40-E64	10	0	0	0	0	0	0	0	--	--	8
Malnutrition	E40-E46	10	0	0	0	0	0	0	0	--	--	8
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	--
Parkinson's disease	G20-G21	6	0	0	0	0	0	0	0	0	0	6
Alzheimer's disease	G30	38	0	0	0	0	0	0	0	--	0	5
Major cardiovascular diseases	I00-I78	194	0	0	--	0	5	12	19	32	34	88
Diseases of heart	I00-I09, I11, I13, I20-I51	137	0	0	--	0	5	10	15	22	25	56
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	--	0	0	0	0	0	0	0	0	--	--
Hypertensive heart disease	I11	17	0	0	0	0	--	--	--	--	--	6
Hypertensive heart and renal disease	I13	--	0	0	0	0	0	0	0	0	0	--
Ischemic heart diseases	I20-I25	66	0	0	--	0	--	5	8	15	16	19
Acute myocardial infarction	I21-I22	23	0	0	0	0	0	--	--	8	--	7
Other acute ischemic heart	I24	--	0	0	--	0	0	0	0	0	--	0
Other forms of chronic ischemic heart disease	I20, I25	41	0	0	0	0	--	--	--	7	12	12
Atherosclerotic cardiovascular disease, so described	I25.0	13	0	0	0	0	--	--	--	5	--	0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	28	0	0	0	0	0	--	--	--	10	12

Table A43 continued. Deaths to decedents of Hispanic origin by selected causes and age: Utah residents, 2018

Cause of death (10th rev.)	ICD-10 Codes	All ages	Age									75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	
Other heart diseases	I26-I51	51	0	0	--	0	--	--	5	--	7	29
Acute and subacute endocarditis	I33	0	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	0
Heart failure	I50	19	0	0	0	0	0	0	--	0	--	15
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	32	0	0	--	0	--	--	--	--	5	14
Essential (primary) hypertension and hypertensive renal disease	I10, I12, I15	7	0	0	0	0	0	--	0	--	--	--
Cerebrovascular diseases	I60-I69	43	0	0	0	0	0	--	--	5	7	26
Atherosclerosis	I70	0	0	0	0	0	0	0	0	0	0	0
Other diseases of the circulatory system	I71-I78	7	0	0	0	0	0	0	0	--	--	--
Aortic aneurysm and dissection	I71	--	0	0	0	0	0	0	0	--	0	--
Other diseases of arteries, arterioles, and capillaries	I72-I78	--	0	0	0	0	0	0	0	--	--	--
Other disorders of circulatory system	I80-I99	--	0	0	0	0	0	--	0	0	0	0
Influenza and pneumonia	J09-J18	13	0	--	0	0	--	--	0	--	--	--
Influenza	J09-J11	--	0	0	0	0	0	0	0	--	--	--
Pneumonia	J12-J18	10	0	--	0	0	--	--	0	--	--	--
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	23	0	0	0	--	0	0	--	--	--	14
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	--
Asthma	J45-J46	--	0	0	0	--	0	0	--	0	0	0
Other chronic lower respiratory diseases	J44, J47	19	0	0	0	0	0	0	--	--	--	13
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	--	0	0	0	0	0	0	0	0	0	--
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	26	0	0	0	0	0	0	--	6	--	13
Peptic ulcer	K25-K28	--	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	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	K70, K73-K74	36	0	0	0	0	--	0	10	11	10	--
Alcoholic liver disease	K70	18	0	0	0	0	--	0	7	6	--	--
Other chronic liver disease and cirrhosis	K73-K74	18	0	0	0	0	0	0	--	5	7	--
Cholelithiasis and other disorders of gallbladder	K80-K82	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: Utah residents, 2018

Cause of death (10th rev.)	ICD-10 Codes	All ages	Age										75 and over
			Under	1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	19	0	0	0	0	0	--	--	--	--	--	8
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	0	0	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	0	0	0
Renal failure	N17-N19	19	0	0	0	0	--	--	--	--	--	--	8
Other disorders of kidney	N25, N27	0	0	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	0	0
Inflammatory diseases of female pelvic organs	N70-N76	0	0	0	0	0	0	0	0	0	0	0	0
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	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	30	28	--	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	24	20	0	--	0	--	0	--	--	--	0	0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	22	--	--	0	0	--	0	--	--	--	--	7
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	134	--	0	--	--	7	7	14	12	27	61	
Unintentional injuries	V01-X59, Y85-Y86	124	0	--	--	22	24	27	15	15	11	7	
Transport accidents	V01-V99, Y85	48	0	--	--	15	12	7	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	43	0	--	--	15	11	7	--	--	--	--	

**Table A43 continued. Deaths to decedents of Hispanic origin by selected causes and age: Utah residents, 2018**

Cause of death (10th rev.)	ICD-10 Codes	All ages	Age										75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	--	
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
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
<b>Nontransport accidents</b>	<b>W00-X59, Y86</b>	76	0	0	--	7	12	20	10	11	9	6	
Falls	W00-W19	10	0	0	0	0	0	--	0	--	5	--	
Accidental discharge of firearms	W32-W34	0	0	0	0	0	0	0	0	0	0	0	
Accidental drowning and submersion	W65-W74	0	0	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	
Accidental poisoning and exposure to noxious substances	X40-X49	55	0	0	0	6	11	17	10	8	--	--	
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	8	0	0	0	--	--	--	0	--	--	--	
<b>Intentional self-harm (suicide)</b>	<b>*U03, X60-X84, Y87.0</b>	56	0	0	--	20	14	10	7	--	--	--	
Intentional self-harm (suicide) by discharge of firearms	X72-X74	21	0	0	0	9	7	--	--	0	0	--	
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	35	0	0	--	11	7	8	5	--	--	0	
<b>Assault (homicide)</b>	<b>*U01-*U02, X85-Y09, Y87.1</b>	17	--	--	0	7	--	--	--	0	--	--	
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	12	0	0	0	6	--	--	--	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	5	--	--	0	--	0	0	0	0	--	--	
<b>Legal intervention</b>	<b>Y35, Y89.0</b>	--	0	0	0	0	--	--	0	0	0	0	
<b>Events of undetermined intent</b>	<b>Y10-Y34, Y87.2, Y89.9</b>	7	0	0	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	7	0	0	0	--	--	--	--	--	0	0	
<b>Operations of war and their sequelae</b>	<b>Y36, Y89.1</b>	0	0	0	0	0	0	0	0	0	0	0	
<b>Complications of medical and surgical care</b>	<b>Y40-Y84, Y88</b>	--	0	0	0	0	0	0	0	0	--	0	

Note: Numbers may not add to total due to missing data.



*2018 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 an 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<sup>1</sup>.

#### **Section 26-2-3**

(2) 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.

(3) 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 of them by this chapter and department rules.

Under Utah 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 13 local health departments preside 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, San Juan, Southeastern (Carbon, Emery, and Grand), 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 that shows the county boundaries.

There are 29 counties in the State of Utah and five are Urban, 12 are Rural and 12 are Frontier. Three Urban counties are designated as local health districts (Davis, Salt Lake, and Utah County) and then Cache, the smallest Urban county, is in the Bear River local health district, and Weber is in the Weber-Morgan local health district. There are 12 counties that are Rural (Carbon, Box Elder, Duchesne, Iron, Morgan, Sanpete, Sevier, Summit, Tooele, Uintah, Wasatch, and Washington), and the remaining 12 counties are Frontier. Frontier counties are six or fewer persons per square mile; Rural counties are more than six but less than 100 persons per square mile; and Urban counties are one hundred or more persons per square mile. The definitions for population densities for frontier, rural and urban areas are defined by this office.

### OVRS Notes

To protect individual privacy, Utah Department of Health data suppression rules have been applied to the data in this report. All non-zero counts which are less than five are suppressed.

Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.

The number of events and the populations in Frontier and Rural counties are often small and do not provide a reliable frequency or base.

### Data Notes

ICD Stands for International Classification of Diseases. It is the diagnostic classification standard for all clinical and research purposes. ICD defines the universe of disease, disorders, injuries and other related health conditions, listed in a comprehensive, hierarchical fashion. ICD codes are maintained by the World Health Organization and the U.S. National Center for Health Statistics and used to classify Causes of Death, on death certificates. The codes are updated periodically to account for advances in medical technology. The U.S. is currently using the 10<sup>th</sup> revision (ICD-10) to code causes of death.

The age-adjusted death rates use the 2000 U.S. standard population as a base.

All population estimates apply to July 1 of the selected year.

Prior to 2015 San Juan County was part of the Southeast Local Health District. In 2015 the San Juan County Local Health District was formed. Data are reported for all years using the current boundaries.

### Data Sources

Vital events registered with the state Office of Vital Records and Statistics are the primary source of data presented within this report. These vital events include live births, deaths, and fetal deaths.

Official population estimates for the state are Census July 1 vintage populations provided to the Utah Department of Health, Indicator-Based Information System for Public Health (IBIS-PH) by the National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Census Bureau. Population data years 2010-2019 were updated October 2019, and data years 2009 and earlier were updated November 2012. Population data sets can be queried at <http://ibis.health.utah.gov/query/selection/pop/PopSelection.html>.

Note that the Utah population estimates for 1980-1999 are provided by the Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB). For years 2000 and later, the population estimates are provided by the National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Census Bureau, IBIS Version 2018.

## Data Information

Utah requires that certificates of death be filed by funeral directors who obtain demographic information from an informant, usually a close family member or someone who has personal knowledge of the decedent. The cause of death is certified by the decedent's physician or the physician who attended the death. Accidental and suspicious deaths require certification by the Medical Examiner. Death registration includes an extensive validation process to assure completeness and consistency. The Office of Vital Records and Statistics (OVRS) provides training for funeral directors and local registrars to improve the timeliness and accuracy of death registration.

Cause of death literals (actual words written) are entered into the electronic death registration system (EDEN). Once the death is registered the cause of death literals are sent electronically to NCHS where ICD-10 codes are added. NCHS returns the ICD-10 codes to OVRS and they are added to the death record.

The data in the IBIS module for crude rates were updated in September 2019 based on the U.S. Census Vintage 2018 intercensal estimates.

## 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 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, Local Registrars, and Deputy Registrars

### Bear River Health Department

Local Registrar: Lloyd C. Berentzen  
Deputy Registrar: Ivonne Kruse

### Central Utah Public Health Department

Local Registrar: Susan M. Hilderbrand  
Deputy Registrar: Dixie Sorensen

### Davis County Health Department

Local Registrar: Brian Hatch  
Deputy Registrar: Wendy Smith

### Salt Lake County Health Department

Local Registrar: Gary L. Edwards  
Deputy Registrar: Bonnie Francis

### Southeastern Utah District Health Department

Local Registrar: Bradley Bradford  
Deputy Registrar: Carey Haycock

### San Juan Public Health Department

Local Registrar: Kirk Benge  
Deputy Registrar: Katrina Reid

### Southwest Utah Public Health Department

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

### Summit County Health Department

Local Registrar: Richard C. Bullough, Ph.D.  
Deputy Registrar: Jean Wilson

### Tooele County Health Department

Local Registrar: Jeff R. Coombs  
Deputy Registrar: Nikki Scow

### TriCounty Health Department

Local Registrar: Jordan D. Mathis  
Deputy Registrar: Crystal Slaugh

### Utah County Health Department

Local Registrar: Ralph Clegg  
Deputy Registrar: Andrea Shoell

### Wasatch County Health Department

Local Registrar: Randall Probst  
Deputy Registrar: Kaylee Mumford

### Weber-Morgan Health Department

Local Registrar: Brian Bennion  
Deputy Registrar: Autumn Whitten

Figure A-2

MAP OF UTAH WITH COUNTY BORDERS

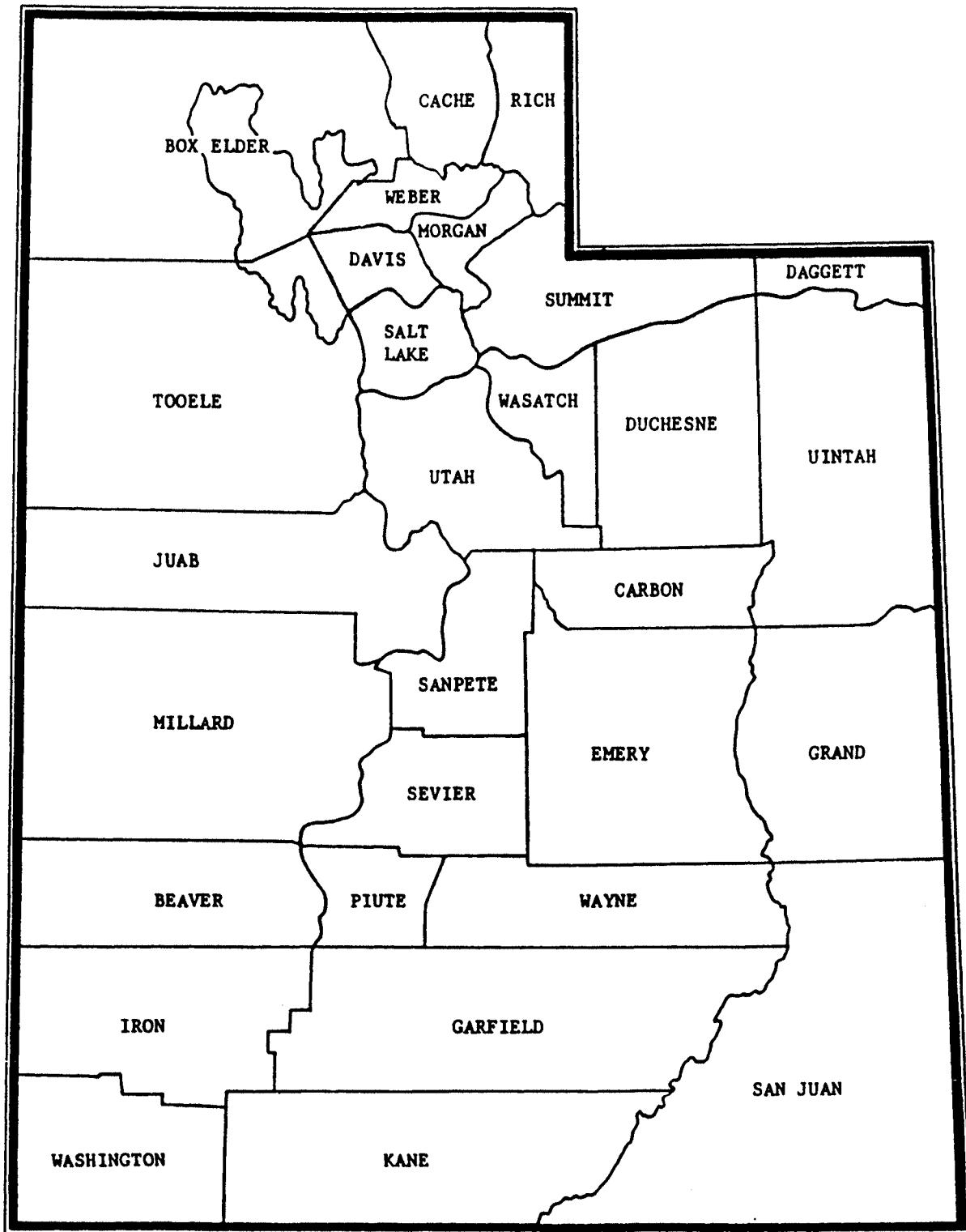


Figure A-3a

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? <input type="checkbox"/> Yes <input type="checkbox"/> 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)	
	11. CERTIFIER'S NAME: TITLE <input type="checkbox"/> Designated Representative <input type="checkbox"/> Hospital Administrator <input type="checkbox"/> Other	12. DATE CERTIFIED (MM/DD/CCYY)	13. DATE FILED BY REGISTRAR (MM/DD/CCYY)	
<b>INFORMATION FOR ADMINISTRATIVE USE</b>				
MOTHER	14. MOTHER'S MAILING ADDRESS Or Street & Number, PO Box _____	<input type="checkbox"/> SAME as Residence APT. NO. _____		
	City, Town or Location _____	State _____	ZIP CODE _____	- _____
15. MOTHER MARRIED? (At anytime within 300 days prior to this delivery?) IF NO, HAS PATERNITY ACKNOWLEDGMENT BEEN SIGNED IN THE HOSPITAL?		<input type="checkbox"/> Yes <input type="checkbox"/> No	16. SOCIAL SECURITY NUMBER REQUESTED FOR CHILD? <input type="checkbox"/> Yes <input type="checkbox"/> No	17. FACILITY ID (NPI) <input type="checkbox"/> Yes <input type="checkbox"/> No
18. MOTHER'S SOCIAL SECURITY NUMBER		19. FATHER'S SOCIAL SECURITY NUMBER		
<b>INFORMATION FOR MEDICAL AND HEALTH PURPOSES ONLY</b>				
20. MOTHER'S EDUCATION (Check the box that best describes the highest degree level of school completed at the time of delivery)		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)		
<input type="checkbox"/> 8th grade or less <input type="checkbox"/> 9th-12th grade, no diploma <input type="checkbox"/> High school graduate or GED completed <input type="checkbox"/> Some college credit but no degree <input type="checkbox"/> Associate degree (e.g., AA, AS) <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or professional degree (e.g., MD, DDS, DVM, LLB, JD)		<input type="checkbox"/> No, not Spanish/Hispanic/Latina <input type="checkbox"/> Yes, Mexican, Mexican American, Chicana <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____		
22. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be)		<input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Tongan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____		
Mother's Name				
Mother's Medical Record No.				

**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)		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)	
	<input type="checkbox"/> 8th grade or less <input type="checkbox"/> 9th-12th grade, no diploma <input type="checkbox"/> High school graduate or GED completed <input type="checkbox"/> Some college credit but no degree <input type="checkbox"/> Associate degree (e.g., AA, AS) <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or professional degree (e.g., MD, DDS, DVDM, LLB, JD)		<input type="checkbox"/> No, not Spanish/Hispanic/Latino <input type="checkbox"/> Yes, Mexican, Mexican American, Chicano <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latino (Specify) _____	
	25. FATHER'S RACE (Check one or more races to indicate what the father considers himself to be)		<input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaskan Native (Name of the enrolled or principal tribe) _____ <input checked="" type="checkbox"/> Asian Indian (Specify) _____ <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean	
			<input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Tongan <input type="checkbox"/> Other Pacific Islander <input type="checkbox"/> Other (Specify) _____	
BIRTH	26. PLACE WHERE BIRTH OCCURRED (Check one)		27. ATTENDANT'S NAME, TITLE AND NPI	
	<input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding Birthing Center <input type="checkbox"/> Home Birth: Planned to deliver at home? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Clinic/Doctor's Office <input type="checkbox"/> Other (Specify) _____		NAME: _____ NPI: _____ TITLE: <input type="checkbox"/> MD <input type="checkbox"/> Licensed Direct Entry Midwife <input type="checkbox"/> DO <input type="checkbox"/> Other Midwife <input type="checkbox"/> ND <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> CNM/CM	
MOTHER	28. MOTHER TRANSFERRED FOR MATERNAL MEDICAL OR FETAL INDICATIONS FOR DELIVERY?			
	<input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter name of facility and state Mother transferred from _____ 		Facility: _____ State: _____	
	29a. DATE OF FIRST PRENATAL CARE VISIT (MM/DD/CCYY)		29b. DATE OF LAST PRENATAL CARE VISIT (MM/DD/CCYY)	
	<input type="checkbox"/> No Prenatal Care during this pregnancy			
	30a. TOTAL NUMBER OF PRENATAL VISITS FOR THIS PREGNANCY (if NONE, enter '0')		30b. TRANSFER OF PRENATAL CARE DURING THIS PREGNANCY	
			<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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)	
	36a. NUMBER OF OTHER PREGNANCY OUTCOMES (spontaneous or induced losses or ectopic pregnancies)		36b. DATE OF LAST OTHER PREGNANCY OUTCOME (MM/CCYY)	
	<input type="checkbox"/> None			
	37. CIGARETTE SMOKING BEFORE/DURING PREGNANCY		# of cigarettes # of packs	
	Average number of packs of cigarettes smoked per day For each time period, enter the number of cigarettes or the number of packs smoked. <b>IF NONE ENTER '0'</b>		3 months before pregnancy _____ Or _____ first 3 months of pregnancy _____ Or _____ second 3 months of pregnancy _____ Or _____ third trimester of pregnancy _____ Or _____	
Mother's Name				
Mother's Medical Record No.				
	38a. MOTHER ENROLLED IN MEDICAID AT TIME OF BIRTH		38b. PRINCIPAL SOURCE OF PAYMENT FOR THIS DELIVERY	
	<input type="checkbox"/> Yes <input type="checkbox"/> No If YES, Utah Medicaid number _____		<input type="checkbox"/> Medicaid <input type="checkbox"/> CHAMPUS/TRICARE <input type="checkbox"/> Private Insurance <input type="checkbox"/> Other Government (Fed/State/Local) <input type="checkbox"/> Self Pay <input type="checkbox"/> CHIP <input type="checkbox"/> Indian Health Insurance <input type="checkbox"/> Other (Specify) _____	
	39. DATE LAST NORMAL MENSES BEGAN (MM/DD/CCYY)			
	40. MOTHER'S MEDICAL RECORD NUMBER			

**Figure A-3c**

Mother's Name  Mother's Medical Record No.	<p><b>41. INFERTILITY INFORMATION</b></p> <p>Did you take any fertility drugs or receive any medical procedures to help you get pregnant with this pregnancy? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, how long had you been trying to become pregnant before taking any fertility drugs?</p> <p><input type="checkbox"/> 0-5 Months <input type="checkbox"/> 6-11 Months <input type="checkbox"/> 1-2 Years <input type="checkbox"/> 3-4 Years <input type="checkbox"/> 5-6 Years <input type="checkbox"/> &gt; 6 Years</p> <p>Do you use any of the following fertility treatments? (Check all that apply)</p> <p><input type="checkbox"/> Fertility-enhancing drugs <input type="checkbox"/> Other medical treatment (specify) _____</p> <p><input type="checkbox"/> Artificial insemination or intrauterine insemination <input type="checkbox"/> None of the above</p> <p><input type="checkbox"/> Assisted reproductive technology</p>																																
<p><b>42. RISK FACTORS</b> (Check all that apply)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding-right: 10px;"><input type="checkbox"/> Antiphospholipid syndrome</td> <td style="width: 33%; padding-right: 10px;"><input type="checkbox"/> Gestational carrier delivery</td> <td style="width: 33%;"><input type="checkbox"/> Pre-existing diabetes, non-insulin dependent</td> </tr> <tr> <td><input type="checkbox"/> Anxiety (meds used) _____</td> <td><input type="checkbox"/> Gestational diabetes(diagnosed in this pregnancy)</td> <td><input type="checkbox"/> Pregnancy induced hypertension</td> </tr> <tr> <td><input type="checkbox"/> Asthma, mild treated with over-the-counter meds</td> <td><input type="checkbox"/> Heart disease, mild</td> <td><input type="checkbox"/> Previous infant over 4,000 grams</td> </tr> <tr> <td><input type="checkbox"/> Asthma, severe, treated with prescription meds</td> <td><input type="checkbox"/> Heart disease, severe</td> <td><input type="checkbox"/> Previous C-Sections # _____</td> </tr> <tr> <td><input type="checkbox"/> Bipolar disorder (meds used) _____</td> <td><input type="checkbox"/> HELLP syndrome</td> <td><input type="checkbox"/> Previous preterm infant</td> </tr> <tr> <td><input type="checkbox"/> Chronic hypertension</td> <td><input type="checkbox"/> Hyperthyroid</td> <td><input type="checkbox"/> Previous infant with other poor outcome</td> </tr> <tr> <td><input type="checkbox"/> Chronic renal disease</td> <td><input type="checkbox"/> Hypothyroid</td> <td><input type="checkbox"/> Schizophrenia (meds used) _____</td> </tr> <tr> <td><input type="checkbox"/> Cystitis</td> <td><input type="checkbox"/> Illicit drug use (specify drug used) _____</td> <td><input type="checkbox"/> Rheumatoid arthritis</td> </tr> <tr> <td><input type="checkbox"/> Depression (meds used) _____</td> <td><input type="checkbox"/> Lupus</td> <td><input type="checkbox"/> Sjogrens Syndrome</td> </tr> <tr> <td><input type="checkbox"/> Eclampsia</td> <td><input type="checkbox"/> Pre-existing diabetes, insulin dependent</td> <td><input type="checkbox"/> No risk factors</td> </tr> </table>				<input type="checkbox"/> Antiphospholipid syndrome	<input type="checkbox"/> Gestational carrier delivery	<input type="checkbox"/> Pre-existing diabetes, non-insulin dependent	<input type="checkbox"/> Anxiety (meds used) _____	<input type="checkbox"/> Gestational diabetes(diagnosed in this pregnancy)	<input type="checkbox"/> Pregnancy induced hypertension	<input type="checkbox"/> Asthma, mild treated with over-the-counter meds	<input type="checkbox"/> Heart disease, mild	<input type="checkbox"/> Previous infant over 4,000 grams	<input type="checkbox"/> Asthma, severe, treated with prescription meds	<input type="checkbox"/> Heart disease, severe	<input type="checkbox"/> Previous C-Sections # _____	<input type="checkbox"/> Bipolar disorder (meds used) _____	<input type="checkbox"/> HELLP syndrome	<input type="checkbox"/> Previous preterm infant	<input type="checkbox"/> Chronic hypertension	<input type="checkbox"/> Hyperthyroid	<input type="checkbox"/> Previous infant with other poor outcome	<input type="checkbox"/> Chronic renal disease	<input type="checkbox"/> Hypothyroid	<input type="checkbox"/> Schizophrenia (meds used) _____	<input type="checkbox"/> Cystitis	<input type="checkbox"/> Illicit drug use (specify drug used) _____	<input type="checkbox"/> Rheumatoid arthritis	<input type="checkbox"/> Depression (meds used) _____	<input type="checkbox"/> Lupus	<input type="checkbox"/> Sjogrens Syndrome	<input type="checkbox"/> Eclampsia	<input type="checkbox"/> Pre-existing diabetes, insulin dependent	<input type="checkbox"/> No risk factors
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<input type="checkbox"/> Eclampsia	<input type="checkbox"/> Pre-existing diabetes, insulin dependent	<input type="checkbox"/> No risk factors																															
<p><b>43. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY</b> (Check all that apply)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding-right: 10px;"><input type="checkbox"/> Bacterial Vaginosis</td> <td style="width: 25%; padding-right: 10px;"><input type="checkbox"/> Gonorrhea</td> <td style="width: 25%; padding-right: 10px;"><input type="checkbox"/> Hepatitis C</td> <td style="width: 25%;"><input type="checkbox"/> Pyelonephritis</td> <td style="width: 25%;"><input type="checkbox"/> Urinary Tract Infection (UTI)</td> </tr> <tr> <td><input type="checkbox"/> Chlamydia</td> <td><input type="checkbox"/> Group B+ Strep</td> <td><input type="checkbox"/> HIV/AIDS</td> <td><input type="checkbox"/> Rubella</td> <td><input type="checkbox"/> Unknown</td> </tr> <tr> <td><input type="checkbox"/> Cytomegalovirus</td> <td><input type="checkbox"/> Hepatitis A</td> <td><input type="checkbox"/> Human parvovirus</td> <td><input type="checkbox"/> Syphilis</td> <td><input type="checkbox"/> None</td> </tr> <tr> <td><input type="checkbox"/> General Herpes (HSV)</td> <td><input type="checkbox"/> Hepatitis B</td> <td><input type="checkbox"/> Listeria</td> <td><input type="checkbox"/> Toxoplasmosis</td> <td></td> </tr> </table>				<input type="checkbox"/> Bacterial Vaginosis	<input type="checkbox"/> Gonorrhea	<input type="checkbox"/> Hepatitis C	<input type="checkbox"/> Pyelonephritis	<input type="checkbox"/> Urinary Tract Infection (UTI)	<input type="checkbox"/> Chlamydia	<input type="checkbox"/> Group B+ Strep	<input type="checkbox"/> HIV/AIDS	<input type="checkbox"/> Rubella	<input type="checkbox"/> Unknown	<input type="checkbox"/> Cytomegalovirus	<input type="checkbox"/> Hepatitis A	<input type="checkbox"/> Human parvovirus	<input type="checkbox"/> Syphilis	<input type="checkbox"/> None	<input type="checkbox"/> General Herpes (HSV)	<input type="checkbox"/> Hepatitis B	<input type="checkbox"/> Listeria	<input type="checkbox"/> Toxoplasmosis											
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<p><b>44. OBSTETRIC PROCEDURES</b> (Check all that apply)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding-right: 10px;"><input type="checkbox"/> Cervical cerclage</td> <td style="width: 50%;"><input type="checkbox"/> Cervical ripening</td> </tr> <tr> <td><input type="checkbox"/> Unknown version</td> <td><input type="checkbox"/> Failed version</td> </tr> <tr> <td><input type="checkbox"/> Amniocentesis</td> <td><input type="checkbox"/> Chronic villus sampling</td> </tr> <tr> <td><input type="checkbox"/> Successful version</td> <td><input type="checkbox"/> None</td> </tr> <tr> <td><input type="checkbox"/> Tocolysis</td> <td></td> </tr> </table>		<input type="checkbox"/> Cervical cerclage	<input type="checkbox"/> Cervical ripening	<input type="checkbox"/> Unknown version	<input type="checkbox"/> Failed version	<input type="checkbox"/> Amniocentesis	<input type="checkbox"/> Chronic villus sampling	<input type="checkbox"/> Successful version	<input type="checkbox"/> None	<input type="checkbox"/> Tocolysis		<p><b>44. METHOD OF DELIVERY</b> Please check appropriate box in the Type of Delivery</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding-right: 10px;"><input type="checkbox"/> Fetal presentation at birth</td> <td style="width: 50%;"><input type="checkbox"/> Spontaneous vaginal</td> <td style="width: 50%;"><input type="checkbox"/> Vacuum vaginal: Unsuccessful</td> </tr> <tr> <td><input type="checkbox"/> Cephalic</td> <td><input type="checkbox"/> Forceps vaginal: Successful</td> <td><input type="checkbox"/> Cesarean</td> </tr> <tr> <td><input type="checkbox"/> Breech</td> <td><input type="checkbox"/> Forceps vaginal: Unsuccessful</td> <td><input type="checkbox"/> Unknown</td> </tr> <tr> <td><input type="checkbox"/> Other</td> <td><input type="checkbox"/> Vacuum vaginal: Successful</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Unknown</td> <td></td> <td></td> </tr> </table> <p>If cesarean, was a trial of labor attempted? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		<input type="checkbox"/> Fetal presentation at birth	<input type="checkbox"/> Spontaneous vaginal	<input type="checkbox"/> Vacuum vaginal: Unsuccessful	<input type="checkbox"/> Cephalic	<input type="checkbox"/> Forceps vaginal: Successful	<input type="checkbox"/> Cesarean	<input type="checkbox"/> Breech	<input type="checkbox"/> Forceps vaginal: Unsuccessful	<input type="checkbox"/> Unknown	<input type="checkbox"/> Other	<input type="checkbox"/> Vacuum vaginal: Successful		<input type="checkbox"/> Unknown							
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<input type="checkbox"/> Other	<input type="checkbox"/> Vacuum vaginal: Successful																																
<input type="checkbox"/> Unknown																																	
<p><b>45. CHARACTERISTICS OF LABOR AND DELIVERY</b> (Check all that apply)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding-right: 10px;"><input type="checkbox"/> Abruptio placenta</td> <td style="width: 33%; padding-right: 10px;"><input type="checkbox"/> Elective induction</td> <td style="width: 33%;"><input type="checkbox"/> Non-vertexpresentation</td> </tr> <tr> <td><input type="checkbox"/> Antibiotics received by the mother during labor</td> <td><input type="checkbox"/> Epidural or spinal anesthesia during labor</td> <td><input type="checkbox"/> Outlet forceps delivery</td> </tr> <tr> <td><input type="checkbox"/> Augmentation of labor (stimulation)</td> <td><input type="checkbox"/> Fetal intolerance of labor</td> <td><input type="checkbox"/> Placenta previa</td> </tr> <tr> <td><input type="checkbox"/> Clinical chorioamnionitis diagnosed during labor or maternal temperature &gt;38 C (110.4 F)</td> <td><input type="checkbox"/> Induction of labor</td> <td><input type="checkbox"/> Steroids (glucocorticoids) for fetal lung maturation</td> </tr> <tr> <td><input type="checkbox"/> Cord prolapse</td> <td><input type="checkbox"/> Mid forceps delivery</td> <td><input type="checkbox"/> True knot in cord</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Moderate/heavy meconium staining of amniotic fluid</td> <td><input type="checkbox"/> Unknown</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> None</td> </tr> </table>				<input type="checkbox"/> Abruptio placenta	<input type="checkbox"/> Elective induction	<input type="checkbox"/> Non-vertexpresentation	<input type="checkbox"/> Antibiotics received by the mother during labor	<input type="checkbox"/> Epidural or spinal anesthesia during labor	<input type="checkbox"/> Outlet forceps delivery	<input type="checkbox"/> Augmentation of labor (stimulation)	<input type="checkbox"/> Fetal intolerance of labor	<input type="checkbox"/> Placenta previa	<input type="checkbox"/> Clinical chorioamnionitis diagnosed during labor or maternal temperature >38 C (110.4 F)	<input type="checkbox"/> Induction of labor	<input type="checkbox"/> Steroids (glucocorticoids) for fetal lung maturation	<input type="checkbox"/> Cord prolapse	<input type="checkbox"/> Mid forceps delivery	<input type="checkbox"/> True knot in cord		<input type="checkbox"/> Moderate/heavy meconium staining of amniotic fluid	<input type="checkbox"/> Unknown			<input type="checkbox"/> None									
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	<input type="checkbox"/> Moderate/heavy meconium staining of amniotic fluid	<input type="checkbox"/> Unknown																															
		<input type="checkbox"/> None																															
<p><b>46. MATERNAL MORBIDITY</b> (Check all that apply) (Complications associated with labor and delivery)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding-right: 10px;"><input type="checkbox"/> Admission to intensive care</td> <td style="width: 50%;"><input type="checkbox"/> Unplanned hysterectomy</td> </tr> <tr> <td><input type="checkbox"/> Maternal transfusion</td> <td><input type="checkbox"/> Unplanned operating room procedure</td> </tr> <tr> <td><input type="checkbox"/> Perineal laceration - 3rd or 4th degree</td> <td><input type="checkbox"/> None of the above</td> </tr> <tr> <td><input type="checkbox"/> Ruptured uterus</td> <td></td> </tr> </table>		<input type="checkbox"/> Admission to intensive care	<input type="checkbox"/> Unplanned hysterectomy	<input type="checkbox"/> Maternal transfusion	<input type="checkbox"/> Unplanned operating room procedure	<input type="checkbox"/> Perineal laceration - 3rd or 4th degree	<input type="checkbox"/> None of the above	<input type="checkbox"/> Ruptured uterus		<p><b>47. NEWBORN MEDICAL RECORD NUMBER</b> _____</p> <p><b>48. BIRTHWEIGHT</b> _____ grams _____ lbs _____ ozs.</p> <p><b>49. OBSTETRIC ESTIMATION OF GESTATION</b> _____ (completed weeks)</p>																							
<input type="checkbox"/> Admission to intensive care	<input type="checkbox"/> Unplanned hysterectomy																																
<input type="checkbox"/> Maternal transfusion	<input type="checkbox"/> Unplanned operating room procedure																																
<input type="checkbox"/> Perineal laceration - 3rd or 4th degree	<input type="checkbox"/> None of the above																																
<input type="checkbox"/> Ruptured uterus																																	
<p><b>51. PLURALITY</b> - Single, twin, triplet, etc. (Specify) _____</p>		<p><b>52. IF NOT SINGLE</b> - Born first, second, third, etc. (Specify) _____</p>																															
<p>53. If multiple birth, how many born alive?</p>																																	
<p><b>54. ABNORMAL CONDITIONS OF THE NEWBORN</b> (Check all that apply)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding-right: 10px;"><input type="checkbox"/> Anemia</td> <td style="width: 50%;"><input type="checkbox"/> NICU admission 24 hours or less</td> </tr> <tr> <td><input type="checkbox"/> Assisted ventilation required immediately following delivery (first 30 minutes)</td> <td><input type="checkbox"/> NICU admission greater than 24 hours</td> </tr> <tr> <td><input type="checkbox"/> Assisted ventilation required for more than six hours</td> <td><input type="checkbox"/> Perinatal substance abuse</td> </tr> <tr> <td><input type="checkbox"/> Antibiotics received for suspected neonatal sepsis</td> <td><input type="checkbox"/> Respiratory distress syndrome (RDS)/hyaline membrane disease</td> </tr> <tr> <td><input type="checkbox"/> Meningitis</td> <td><input type="checkbox"/> Seizure or serious neurologic dysfunction</td> </tr> <tr> <td><input type="checkbox"/> Newborn given surfactant replacement therapy</td> <td><input type="checkbox"/> Significant birth injury (skeletal fracture(s), peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention)</td> </tr> </table>				<input type="checkbox"/> Anemia	<input type="checkbox"/> NICU admission 24 hours or less	<input type="checkbox"/> Assisted ventilation required immediately following delivery (first 30 minutes)	<input type="checkbox"/> NICU admission greater than 24 hours	<input type="checkbox"/> Assisted ventilation required for more than six hours	<input type="checkbox"/> Perinatal substance abuse	<input type="checkbox"/> Antibiotics received for suspected neonatal sepsis	<input type="checkbox"/> Respiratory distress syndrome (RDS)/hyaline membrane disease	<input type="checkbox"/> Meningitis	<input type="checkbox"/> Seizure or serious neurologic dysfunction	<input type="checkbox"/> Newborn given surfactant replacement therapy	<input type="checkbox"/> Significant birth injury (skeletal fracture(s), peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention)																		
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<p><b>55. CONGENITAL ANOMALIES OF THE NEWBORN</b> (Check all that apply)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding-right: 10px;"><input type="checkbox"/> Anencephaly</td> <td style="width: 50%;"><input type="checkbox"/> Down Syndrome</td> </tr> <tr> <td><input type="checkbox"/> Central Nervous System (Specify) _____</td> <td><input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending</td> </tr> <tr> <td><input type="checkbox"/> Chromosomal Anomaly (Specify) _____</td> <td><input type="checkbox"/> Gastrochisis Disease</td> </tr> <tr> <td><input type="checkbox"/> <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending</td> <td><input type="checkbox"/> Other Gastrointestinal (Specify) _____</td> </tr> <tr> <td><input type="checkbox"/> Cleft Lip <input type="checkbox"/> Cleft Palate</td> <td><input type="checkbox"/> Hydrocephalus</td> </tr> <tr> <td><input type="checkbox"/> Cleft Lip and Palate</td> <td><input type="checkbox"/> Hypospadias</td> </tr> <tr> <td><input type="checkbox"/> Club Foot</td> <td><input type="checkbox"/> Malformation of Genitalia (Specify) _____</td> </tr> <tr> <td><input type="checkbox"/> Congenital Diaphragmatic Hernia</td> <td><input type="checkbox"/> Limb Reduction (Specify) _____</td> </tr> <tr> <td><input type="checkbox"/> Cyanotic Congenital Heart (Specify) _____</td> <td><input type="checkbox"/> Other Limb Anomalies (Specify) _____</td> </tr> <tr> <td><input type="checkbox"/> Other Congenital Heart Disease(Specify) _____</td> <td><input type="checkbox"/> Meningomyelocele/Spina Bifida</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Microcephalus</td> </tr> </table>				<input type="checkbox"/> Anencephaly	<input type="checkbox"/> Down Syndrome	<input type="checkbox"/> Central Nervous System (Specify) _____	<input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending	<input type="checkbox"/> Chromosomal Anomaly (Specify) _____	<input type="checkbox"/> Gastrochisis Disease	<input type="checkbox"/> <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending	<input type="checkbox"/> Other Gastrointestinal (Specify) _____	<input type="checkbox"/> Cleft Lip <input type="checkbox"/> Cleft Palate	<input type="checkbox"/> Hydrocephalus	<input type="checkbox"/> Cleft Lip and Palate	<input type="checkbox"/> Hypospadias	<input type="checkbox"/> Club Foot	<input type="checkbox"/> Malformation of Genitalia (Specify) _____	<input type="checkbox"/> Congenital Diaphragmatic Hernia	<input type="checkbox"/> Limb Reduction (Specify) _____	<input type="checkbox"/> Cyanotic Congenital Heart (Specify) _____	<input type="checkbox"/> Other Limb Anomalies (Specify) _____	<input type="checkbox"/> Other Congenital Heart Disease(Specify) _____	<input type="checkbox"/> Meningomyelocele/Spina Bifida		<input type="checkbox"/> Microcephalus								
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<input type="checkbox"/> Other Congenital Heart Disease(Specify) _____	<input type="checkbox"/> Meningomyelocele/Spina Bifida																																
	<input type="checkbox"/> Microcephalus																																
<p><b>56. WAS INFANT TRANSFERRED WITHIN 24 HOURS OF DELIVERY ?</b> <input type="checkbox"/> Yes If YES, name of facility transferred to: _____ State: _____</p>		<p><b>57. INFANT DECEASED</b> <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, Date of Death (MM/DD/CCYY) _____</p>																															
<p><b>58. IS INFANT BEING BREAST FED AT DISCHARGE?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No</p>																																	

**Figure A-4**  
**STATE OF UTAH - DEPARTMENT OF HEALTH**  
**CERTIFICATE OF DEATH**

STATE FILE NUMBER

LOCAL FILE NUMBER									
DECEDENT	1. DECEDENT'S LEGAL NAME (Include AKA's, if any) ( <i>First, Middle, Last</i> )				2. SEX	3a. DATE OF DEATH ( <i>Mo., Day, Yr.</i> )	3b. TIME OF DEATH ( <i>24 hr. Clock</i> )		
	4. DATE OF BIRTH ( <i>Mo., Day, Yr.</i> )		5. AGE-Last Birthday (Years)	IF UNDER 1 YEAR	IF UNDER 24 HRS.	6. BIRTHPLACE (City & State or Foreign Country)	7. SOCIAL SECURITY NUMBER		
			Months	Days	Hours	Minutes			
	8a. PLACE OF DEATH ( <i>Check only one</i> )								
	IF DEATH OCCURRED IN A HOSPITAL:		IF DEATH OCCURRED SOMEWHERE OTHER THAN A HOSPITAL:						
	<input type="checkbox"/> 1. Inpatient <input type="checkbox"/> 2. ER/Outpatient <input type="checkbox"/> 3. DOA		<input type="checkbox"/> 5. Nursing Home/Long term care facility <input type="checkbox"/> 6. Decedent's Home <input type="checkbox"/> 7. Other ( <i>specify</i> )						
	8b. NAME OF HOSPITAL, NURSING HOME OR OTHER FACILITY ( <i>If outside a facility, give street address of location</i> )				8c. COUNTY OF DEATH	8d. CITY, TOWN OR LOCATION OF DEATH			
	9. WAS DECEDENT EVER IN THE U.S. ARMED FORCES?		10. MARITAL STATUS			11. SURVIVING SPOUSE'S NAME ( <i>if wife, give name prior to first marriage</i> )			
	<input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> 3. Unk.		<input type="checkbox"/> 1. Never Married <input type="checkbox"/> 3. Widowed <input type="checkbox"/> 5. Married, but separated <input type="checkbox"/> 2. Married <input type="checkbox"/> 4. Divorced <input type="checkbox"/> 6. Unknown						
	12a. DECEDENT'S USUAL OCCUPATION ( <i>Give kind of work done during most of working life. Do NOT enter retired.</i> )		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? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No		
PARENTS				14. FATHER'S NAME ( <i>First, Middle, Last</i> )					
				15. MOTHER'S NAME PRIOR TO FIRST MARRIAGE ( <i>First, Middle, Last</i> )					
INFORMANT									
DISPOSITION	17. METHOD OF DISPOSITION		18a. DATE OF DISPOSITION		18b. PLACE OF DISPOSITION ( <i>name of cemetery, crematory, or other place</i> )				
	<input type="checkbox"/> 1. Entombment <input type="checkbox"/> 3. Other <input type="checkbox"/> 5. Cremation <input type="checkbox"/> 2. Donation <input type="checkbox"/> 4. Burial <input type="checkbox"/> 6. Removal								
	18c. LOCATION OF DISPOSITION - <i>City or Town, State</i>		19. LICENSEE NUMBER		20. FUNERAL HOME ( <i>Name and complete address</i> )				
21. SIGNATURE OF FUNERAL SERVICE LICENSEE									
CERTIFIER	22. CERTIFIER ( <i>Check only one</i> )				22a. Was Medical Examiner Contacted? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No				
	<input type="checkbox"/> 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. <input type="checkbox"/> 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 _____			
23a. NAME, ADDRESS AND ZIP CODE FOR PERSON WHO CERTIFIED THE CAUSE OF DEATH (item 24) ( <i>Type/Print</i> )						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.	
	<b>IMMEDIATE CAUSE (Final disease or condition resulting in death)</b> a. _____ DUE TO (OR AS A CONSEQUENCE OF): b. _____ DUE TO (OR AS A CONSEQUENCE OF): <b>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> 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? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	25b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No
	26. IN YOUR OPINION, TOBACCO USE BY THE DECEDENT: <input type="checkbox"/> 1. Probably contributed to the cause of death <input type="checkbox"/> 2. Was the underlying cause of death. <input type="checkbox"/> 3. Did not contribute to the cause of death <input type="checkbox"/> 4. Is unknown in relation to the cause of death <input type="checkbox"/> 5. NON USER							27. MANNER OF DEATH <input type="checkbox"/> 1. Natural <input type="checkbox"/> 2. Accident <input type="checkbox"/> 3. Suicide <input type="checkbox"/> 4. Homicide <input type="checkbox"/> 5. Could not be Determined <input type="checkbox"/> 6. Pending Investigation	28. IF FEMALE <input type="checkbox"/> 1. Not pregnant within past year <input type="checkbox"/> 2. Pregnant at time of death <input type="checkbox"/> 3. Not pregnant, but pregnant within 42 days of death <input type="checkbox"/> 4. Not pregnant, but pregnant 43 days to 1 year before death <input type="checkbox"/> 5. Unknown if pregnant within the past year
	29a. DATE OF INJURY ( <i>Mo., Day, Yr.</i> )		29b. TIME OF INJURY ( <i>24 hr. Clock</i> )	29c. INJURY AT WORK? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	29d. PLACE OF INJURY - <i>At home, farm, street, factory, office, building, etc. (Specify)</i>	29e. If motor vehicle accident: <input type="checkbox"/> 1. Driver <input type="checkbox"/> 2. Passenger <input type="checkbox"/> 3. Pedestrian <input type="checkbox"/> 4. Other <input type="checkbox"/> 5. Unknown			
	29f. LOCATION ( <i>Street or rural route number, city or town, county and state</i> )				29g. DESCRIBE HOW INJURY OCCURRED ( <i>enter sequence of events which resulted in injury, NATURE OF INJURY should be entered in item 24</i> )				
	30. WAS DECEDENT OF HISPANIC ORIGIN? ( <i>Check the "No" box if decedent is not Spanish/Hispanic/Latino.</i> ) <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> 3. Unknown <small>(If yes, Check the box that best describes whether the decedent is Spanish/Hispanic/Latino.)</small>							31. DECEDENT'S RACE ( <i>Check one or more races to indicate what the decedent considered himself or herself to be</i> )	
	<input type="checkbox"/> 01. White <input type="checkbox"/> 02. Black or African American <input type="checkbox"/> 03. American Indian or Alaska Native ( <i>Name of the enrolled or principal tribe</i> )  <input type="checkbox"/> 04. Chinese <input type="checkbox"/> 05. Japanese <input type="checkbox"/> 06. Native Hawaiian <input type="checkbox"/> 07. Filipino <input type="checkbox"/> 08. Other Asian ( <i>Specify</i> )  <input type="checkbox"/> 10. Asian Indian <input type="checkbox"/> 11. Korean <input type="checkbox"/> 12. Samoan <input type="checkbox"/> 13. Vietnamese <input type="checkbox"/> 14. Guamanian or Chamorro <input type="checkbox"/> 15. Other Pacific Islander ( <i>Specify</i> )  <input type="checkbox"/> 00. Other ( <i>Specify</i> )							32. DECEDENT'S EDUCATION ( <i>Check the box that best describes the highest degree or level of school completed at the time of death.</i> )	
								<input type="checkbox"/> 0. None <input type="checkbox"/> 1. 8th grade or less <input type="checkbox"/> 2. 9th - 12th grade; no diploma <input type="checkbox"/> 3. High School graduate or GED completed <input type="checkbox"/> 4. Some college credit, but no degree <input type="checkbox"/> 5. Associate degree (e.g., AA, AS) <input type="checkbox"/> 6. Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> 7. Master's degree (e.g., MA, MS, MEng, Med, MSW, MBA) <input type="checkbox"/> 8. Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD) <input type="checkbox"/> 9. Unknown	
	REGISTRAR	33. REGISTRAR'S SIGNATURE						34. DATE FILED ( <i>Mo., Day, Yr.</i> )	

Figure A-5a

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

LOCAL FILE NUMBER

STATE FILE NUMBER

STATE OF UTAH – DEPARTMENT OF HEALTH  
FETAL DEATH CERTIFICATE

<b>MOTHER</b>			
1. NAME OF FETUS (First, Middle, Last)		2. SEX	3a. DATE OF DELIVERY (Mo, Day, Yr)
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
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 <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No
<b>FATHER</b> 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)
20. MOTHER LEGALLY MARRIED TO THIS CHILD'S BIOLOGICAL FATHER (at birth, conception or any time between)? <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No  21. ARE PATERNITY PAPERS ATTACHED? <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Paternity papers must be attached if parents are not legally married.		24. MOTHER'S RACE (Check one or more races to indicate what race the mother considers herself.) <input type="checkbox"/> 1. White <input type="checkbox"/> 2. Black or African American <input type="checkbox"/> 3. American Indian or Alaska Native (Name of the enrolled or principal tribe)  <input type="checkbox"/> 4. Asian Indian <input type="checkbox"/> 5. Chinese <input type="checkbox"/> 6. Filipino <input type="checkbox"/> 7. Japanese <input type="checkbox"/> 8. Korean <input type="checkbox"/> 9. Vietnamese <input type="checkbox"/> 10. Other Asian (Specify)  <input type="checkbox"/> 11. Native Hawaiian <input type="checkbox"/> 12. Guamanian or Chamorro <input type="checkbox"/> 13. Samoan <input type="checkbox"/> 14. Other Pacific Islander (Specify)  <input type="checkbox"/> 15. Other (Specify)	
22. DID MOTHER GET WIC FOOD FOR HERSELF DURING THIS PREGNANCY? <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No		25. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery.) <input type="checkbox"/> 1. 8 <sup>th</sup> grade or less <input type="checkbox"/> 2. 9 <sup>th</sup> -12 <sup>th</sup> grad, no diploma <input type="checkbox"/> 3. High School graduate or GED completed <input type="checkbox"/> 4. Some college credit, but no degree <input type="checkbox"/> 5. Associate degree (e.g., AA, AS) <input type="checkbox"/> 6. Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> 7. Master's degree (e.g., Ma, MS, MEng, MED, MSW, MBA) <input type="checkbox"/> 8. Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)	
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.) <input type="checkbox"/> 1. No, not Spanish/Hispanic/Latino <input type="checkbox"/> 2. Yes, Mexican, Mexican American, Chicano <input type="checkbox"/> 3. Yes, Puerto Rican <input type="checkbox"/> 4. Yes, Cuban <input type="checkbox"/> 5. Yes, other Spanish/Hispanic/Latino (Specify)  _____		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 <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No  If Yes: For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked. IF NONE, ENTER "0"  Average number of cigarettes or packs of cigarettes smoked per day.  # of cigarettes OR # of pk's		28. MOTHER TRANSFERRED PRIOR TO DELIVERY (if yes, enter State and name of Facility transferred from) <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No  _____	
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 _____		29. DATE OF LAST NORMAL MENSUS (Mo, Day, Year)  _____  30. DATE OF FIRST PRENATAL CARE VISIT  30a. No Prenatal Care <input type="checkbox"/> 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") _____	

CONFIDENTIAL INFORMATION

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Page 1 of 3

**Figure A-5b**

<p><b>33. PREGNANCY HISTORY</b></p> <p><input type="checkbox"/> No previous live births: Other live births now living _____ (do not include this child).</p> <p>Other live births now dead _____ (do not include this child).</p> <p>Date of last live birth _____ / _____ (mm/yyyy)</p> <p>Number of other pregnancy outcomes (spontaneous or induced losses or ectopic pregnancies).</p> <p>Number of other Outcomes _____ None <input type="checkbox"/></p> <p>Date of last other pregnancy: outcome _____ / _____ (mm/yyyy)</p>	<p><b>34. MEDICAL RISK FACTORS (Check all that apply.)</b></p> <p>Diabetes:</p> <p><input type="checkbox"/> 1. Pregnancy (diagnosis prior to this pregnancy)</p> <p><input type="checkbox"/> 2. Gestational ( diagnosis in this pregnancy)</p> <p>Hypertension:</p> <p><input type="checkbox"/> 3. Prepregnancy (chronic)</p> <p><input type="checkbox"/> 4. Gestational (PIH, preeclampsia, eclampsia)</p> <p><input type="checkbox"/> 5. Previous Preterm Birth (36 weeks or less)</p> <p><input type="checkbox"/> 6. Other previous poor pregnancy outcome (includes perinatal deaths, small-for-gestational-age/intrauterine growth restricted birth)</p> <p><input type="checkbox"/> 7. Vaginal bleeding during this pregnancy prior to the onset of labor.</p> <p><input type="checkbox"/> 8. Pregnancy resulted from infertility treatment..</p> <p><input type="checkbox"/> 9. Mother had a previous Cesarean delivery If yes, how many? _____</p> <p><input type="checkbox"/> 10. None of the above.</p>	
<p><b>35. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY</b> (Check all that apply).</p> <p><input type="checkbox"/> 1. Gonorrhea <input type="checkbox"/> 2. Syphilis <input type="checkbox"/> 3. Herpes Simplex Virus (HSV) <input type="checkbox"/> 4. Chlamydia <input type="checkbox"/> 5. Listeria <input type="checkbox"/> 6. Group B Streptococcus (GBS+) <input type="checkbox"/> 7. Cytomegalovirus <input type="checkbox"/> 8. Parvo Virus <input type="checkbox"/> 9. Toxoplasmosis <input type="checkbox"/> 10. None of the above <input type="checkbox"/> 11. Other (specify)_____</p>	<p><b>36. METHOD OF DELIVERY</b></p> <p>A. Was delivery with forceps attempted but unsuccessful? <input type="checkbox"/> 1 Yes    <input type="checkbox"/> 2 No</p> <p>B. Was delivery with vacuum extraction attempted but unsuccessful? <input type="checkbox"/> 1 Yes    <input type="checkbox"/> 2 No</p> <p>C. Fetal presentation at delivery <input type="checkbox"/> 1. Cephalic <input type="checkbox"/> 2. Breach <input type="checkbox"/> 3. Other</p> <p>D. Final route and method of delivery (Check one). <input type="checkbox"/> 1. Vaginal Spontaneous <input type="checkbox"/> 2. Vaginal/Forceps <input type="checkbox"/> 3. Vaginal/Vacuum <input type="checkbox"/> 4. Caesarean – If caesarean was a trial of labor attempted? <input type="checkbox"/> 1 Yes    <input type="checkbox"/> 2 No</p> <p>E. Hysterotomy/Hysterectomy <input type="checkbox"/> 1 Yes    <input type="checkbox"/> 2 No</p>	<p><b>37. MATERNAL MORBIDITY</b> (Check all that apply). Complications associated with labor and delivery:</p> <p><input type="checkbox"/> 1. Maternal transfusion <input type="checkbox"/> 2. Third or fourth degree perineal laceration <input type="checkbox"/> 3. Ruptured uterus <input type="checkbox"/> 4. Unplanned hysterectomy <input type="checkbox"/> 5. Admission to intensive care unit <input type="checkbox"/> 6. Unplanned operating room procedure following delivery <input type="checkbox"/> 7. None of the above</p> <p><b>38a. Birth</b> <input type="checkbox"/> Single(1)    <input type="checkbox"/> Twin(2) <input type="checkbox"/> Etc. (Specify) _____</p> <p><b>38b. If not single, Birth Order</b> _____</p> <p><b>39. Weight of Fetus</b> _____ grams AND _____ lbs. _____ oz.</p> <p><b>40. Obstetric estimate of gestation at delivery</b> (Completed weeks) _____</p>
<p><b>41. CONGENITAL ANOMALIES OF FETUS</b> (Check all that apply)</p> <p><input type="checkbox"/> 1. Anencephaly <input type="checkbox"/> 2. Meningocele / Spina Bifida <input type="checkbox"/> 3. Hydrocephalus <input type="checkbox"/> 4. Microcephalus <input type="checkbox"/> 5. Other central nervous system anomalies (Specify)_____</p> <p><input type="checkbox"/> 6. Cyanotic congenital heart disease (Specify)_____</p> <p><input type="checkbox"/> 7. Tracheo-esophageal fistula / esophageal atresia <input type="checkbox"/> 8. Omphalocele <input type="checkbox"/> 9. Gastroschisis <input type="checkbox"/> 10. Other gastrointestinal (Specify) (Specify)_____</p> <p><input type="checkbox"/> 11. Urinary system anomalies (Specify)_____</p>	<p><input type="checkbox"/> 12. Cleft lip with cleft palate <input type="checkbox"/> 13. Cleft Palate <input type="checkbox"/> 14. Limb Reduction Defects (excludes amputation and dwarfing syndromes) <input type="checkbox"/> 15. Other Limb Anomalies (Specify)_____</p> <p><input type="checkbox"/> 16. Diaphragmatic hernia <input type="checkbox"/> 17. Other musculoskeletal anomalies (Specify)_____</p> <p><input type="checkbox"/> 18. Downs Syndrome     1. Karyotype confirmed     2. Karyotype pending</p> <p><input type="checkbox"/> 19. Chromosomal anomalies     1. Karyotype confirmed (Specify)     2. Karyotype pending</p> <p><input type="checkbox"/> 20. Hypospadias <input type="checkbox"/> 21. Other Anomalies not listed in the above (Specify)_____</p> <p><input type="checkbox"/> 22. Unknown <input type="checkbox"/> 23. None of the above</p>	

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		<input type="checkbox"/> Donation <input type="checkbox"/> Removal from State (permit required for removal of remains) <input type="checkbox"/> Other (Specify) _____	
45. NAME AND ADDRESS OF INSTITUTION IN CHARGE OF DISPOSITION (Hospital, Laboratory, Funeral Home)			
46. PERSON RESPONSIBLE FOR DISPOSITION			
47. PLACE OF DISPOSITION (Name of Hospital, Cemetery)		48. DATE OF DISPOSITION (Mo, Day, Year)	DISPOSITION INFORMATION
<b>CAUSES/CONDITIONS CONTRIBUTING TO FETAL DEATH</b> <b>INITIATING (UNDERLYING) CAUSE/CONDITION</b> (CHOOSE THE ONE WHICH MOST LIKELY BEGAN THE SEQUENCE OF EVENTS RESULTING IN THE DEATH OF THE FETUS)			
<input type="checkbox"/> Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental Insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____			
<input type="checkbox"/> Other Obstetrical or Pregnancy Complications (Specify) _____ <input type="checkbox"/> Fetal Anomaly (Specify) _____ <input type="checkbox"/> Fetal Injury (Specify) _____ <input type="checkbox"/> Fetal Infection (Specify) _____ <input type="checkbox"/> Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown			
<b>OTHER SIGNIFICANT CAUSES OR CONDITIONS</b> (CHOOSE ALL OTHER CONDITIONS CONTRIBUTING TO DEATH)			CAUSES OR CONDITIONS CONTRIBUTING TO DEATH
<input type="checkbox"/> Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental Insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____			
<input type="checkbox"/> Other Obstetrical or Pregnancy Complications (Specify) _____ <input type="checkbox"/> Fetal Anomaly (Specify) _____ <input type="checkbox"/> Fetal Injury (Specify) _____ <input type="checkbox"/> Fetal Infection (Specify) _____ <input type="checkbox"/> Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown			
<b>ESTIMATED TIME OF FETAL DEATH</b> <input type="checkbox"/> INTRAPARTUM <input type="checkbox"/> ANTEPARTUM <input type="checkbox"/> UNKNOWN			
Was an autopsy to be performed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	Was a histological placental examination performed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	Were autopsy or histological placental examination results used in determining the cause of fetal death? <input type="checkbox"/> Yes <input type="checkbox"/> No	REGISTRATION INFORMATION
Fetal Karyotyping planned?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Fetal Karyotyping planned? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
Result (Specify) _____	Result (Specify) _____		
REGISTRAR'S SIGNATURE		DATE RECEIVED BY REGISTRAR (Mo, Day, Year)	

## 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 registration now exceeds 99 percent.

The registration of fetal deaths at 20 weeks or greater gestational age is required by statute. Since May 1981, the institution where the delivery occurs has the responsibility of filing a fetal death certificate when 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 significant 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 that initiated the sequence of morbid events leading directly to death.

Occasionally, deaths are registered with the cause of death information incomplete, inconsistent, or equivocal, and additional information from the Centers for Disease Control and Prevention 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 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 1999-2016 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 website 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<sup>2</sup> or the Ninth and Tenth Revisions<sup>3</sup> 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 births and deaths to the state of residence has been virtually complete on a nationwide basis since 1955. This is possible by a cooperative program among the states for exchange of information 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 classified 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 were 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 are available in Utah's Vital Statistics Annual Report: 1990.

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<sup>2</sup> 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.

<sup>3</sup> 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.

*2018 Appendix B: Life Tables*

## **Births and Deaths**



## Abridged life table for total population, residents: Utah, 2018

Age Interval	Mortality rate	Proportion dying	Of 100,000 born alive		Number of person-years lived		Average remaining years
			Age-specific mortality rate per 100,000 population	Proportion of persons alive at beginning of interval	Number living at beginning of age interval	Number dying during age	
Period of life between two ages	dying during interval		interval	interval	age	interval	
0	602.60	0.0057	100,000	571	99,586	7,747,854	77.48
1-4	24.16	0.0009	99,429	94	397,473	7,648,267	76.92
5-9	8.36	0.0004	99,335	42	496,557	7,250,794	72.99
10-14	18.07	0.0009	99,293	90	496,293	6,754,238	68.02
15-19	58.27	0.0029	99,203	289	495,370	6,257,944	63.08
20-24	90.69	0.0045	98,915	448	493,501	5,762,574	58.26
25-29	103.90	0.0052	98,467	510	491,095	5,269,072	53.51
30-34	125.44	0.0063	97,957	613	488,308	4,777,977	48.78
35-39	159.80	0.0080	97,344	775	484,869	4,289,669	44.07
40-44	211.58	0.0105	96,569	1,017	480,431	3,804,800	39.40
45-49	290.67	0.0144	95,553	1,379	474,513	3,324,369	34.79
50-54	421.85	0.0209	94,173	1,967	466,245	2,849,856	30.26
55-59	616.84	0.0304	92,206	2,804	454,413	2,383,610	25.85
60-64	878.76	0.0431	89,402	3,850	437,962	1,929,197	21.58
65-69	1340.73	0.0650	85,553	5,562	414,704	1,491,235	17.43
70-74	2072.59	0.0988	79,991	7,905	381,506	1,076,531	13.46
75-79	3572.24	0.1646	72,086	11,868	332,581	695,025	9.64
80-84	6391.12	0.2765	60,218	16,650	57,207	362,444	6.02
85+	14273.56	1.0000	43,568	43,568	305,237	305,237	7.01

Note:

Life tables are calculated using the specific year resident mortality data  
 Age-specific mid-year population estimates from GOPB; From 2016 onwards, the data is from  
 UPC(Utah Population Committee)  
 Abridged Life Tables calculated using the Reed-Merrill Method  
 Rates are per 100,000 population.

## Abridged life table for male population, residents: Utah, 2018

Age Interval	Mortality rate	Proportion dying	Of 100,000 born alive		Number of person-years lived		Average remaining years
			Age-specific mortality rate per 100,000 population	Proportion of persons alive at beginning of interval	Number living at beginning of age interval	Number dying during age interval	
Period of life between two ages							Number of years of life remaining at beginning of interval
0	711.71	0.0067	100,000	674	99,512	7,582,681	75.83
1-4	27.94	0.0011	99,326	109	397,025	7,483,169	75.34
5-9	5.20	0.0003	99,217	26	496,014	7,086,144	71.42
10-14	20.13	0.0010	99,192	100	495,792	6,590,131	66.44
15-19	85.98	0.0043	99,092	425	494,512	6,094,339	61.50
20-24	132.94	0.0066	98,667	654	491,755	5,599,827	56.75
25-29	142.19	0.0071	98,013	695	488,349	5,108,072	52.12
30-34	155.56	0.0078	97,318	754	484,763	4,619,723	47.47
35-39	201.33	0.0100	96,564	968	480,499	4,134,960	42.82
40-44	257.93	0.0128	95,596	1,226	475,052	3,654,461	38.23
45-49	343.77	0.0171	94,371	1,609	468,044	3,179,409	33.69
50-54	489.62	0.0242	92,762	2,246	458,537	2,711,365	29.23
55-59	731.02	0.0359	90,516	3,253	444,952	2,252,828	24.89
60-64	1097.84	0.0535	87,263	4,671	425,326	1,807,876	20.72
65-69	1650.56	0.0795	82,592	6,563	397,435	1,382,550	16.74
70-74	2482.02	0.1173	76,029	8,915	359,066	985,115	12.96
75-79	4040.69	0.1843	67,114	12,367	306,328	626,049	9.33
80-84	7305.68	0.3097	54,747	16,955	65,683	319,721	5.84
85+	14876.64	1.0000	37,792	37,792	254,038	254,038	6.72

Note:

Life tables are calculated using the specific year resident mortality data

Age-specific mid-year population estimates from GOPB; From 2016 onwards, the data is from  
UPC(Utah Population Committee)

Abridged Life Tables calculated using the Reed-Merrill Method

Rates are per 100,000 population.

## Abridged life table for female population, residents: Utah, 2018

Age Interval	Mortality rate	Proportion dying	Of 100,000 born alive		Number of person-years lived		Average remaining years
			Age-specific mortality rate per 100,000 population	Proportion of persons alive at beginning of interval	Number living at beginning of age interval	Number dying during age interval	
Period of life between two ages							Number of years of life remaining at beginning of interval
0	488.04	0.0046	100,000	463	99,665	7,918,490	79.18
1-4	20.19	0.0008	99,537	79	397,944	7,818,826	78.55
5-9	11.67	0.0006	99,458	58	497,129	7,420,882	74.61
10-14	15.90	0.0008	99,400	79	496,823	6,923,753	69.66
15-19	30.82	0.0015	99,321	153	496,254	6,426,931	64.71
20-24	45.99	0.0023	99,168	228	495,305	5,930,677	59.80
25-29	64.39	0.0032	98,940	318	493,954	5,435,371	54.94
30-34	93.15	0.0046	98,622	458	492,018	4,941,417	50.10
35-39	116.52	0.0058	98,164	570	489,464	4,449,399	45.33
40-44	163.56	0.0081	97,594	795	486,098	3,959,935	40.58
45-49	235.92	0.0117	96,798	1,136	481,336	3,473,838	35.89
50-54	352.58	0.0175	95,663	1,673	474,384	2,992,502	31.28
55-59	504.90	0.0250	93,990	2,345	464,365	2,518,118	26.79
60-64	666.61	0.0328	91,645	3,008	451,160	2,053,753	22.41
65-69	1,049.40	0.0512	88,636	4,540	432,641	1,602,594	18.08
70-74	1,704.18	0.0819	84,096	6,891	404,682	1,169,953	13.91
75-79	3,175.08	0.1477	77,205	11,400	359,506	765,271	9.91
80-84	5,667.39	0.2492	65,805	16,397	49,645	405,764	6.17
85+	13,874.08	1.0000	49,408	49,408	356,120	356,120	7.21

Note:

Life tables are calculated using the specific year resident mortality data

Age-specific mid-year population estimates from GOPB; From 2016 onwards, the data is from  
UPC(Utah Population Committee)

Abridged Life Tables calculated using the Reed-Merrill Method

Rates are per 100,000 population.





