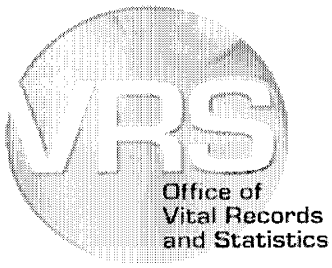
Utah's Vital Statistics

Births and Deaths
2008

Utah Department of Health
Center for Health Data



Utah's Vital Statistics

Births and Deaths 2008

November 2009

Technical Report No. 269

Mission Statement

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

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in the

Office of Vital Records and Statistics

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PREFACE

This report contains data on births and deaths received by the Office of Vital Records and Statistics, Utah Department of Health, for the year 2008. It serves to make commonly used vital records data available to health programs, health care providers, businesses, researchers, educational institutions and the Utah public. Data are presented for the state, the local health districts, and the counties.

This report contains the Reference section which is detailed birth and death data for 2008. The Reference section does not contain populations, rates, or trend data. The selected causes of deaths in Tables A39 and A47 include the October 2002 updated ICD-10 "*U" codes for terrorism deaths. The asterisk indicates a code is new since the original ICD-10 list was published. These new codes were added by the National Center for Health Statistics for data year 2001 and by the World Health Organization for data year 2003. Following the Reference section is the Technical Appendix which provides technical notes on the sources, quality and limitations of data. It also contains sample copies of the forms used for collecting the vital records data.

International Classification of Diseases, 10th Revision (ICD-10)

Deaths which occurred anywhere in the United States since 1999 were coded and tabulated using the World Health Organization (WHO) tenth revision of the International Classification of Diseases. The ninth revision of the ICD was first used to classify mortality in 1979 and remained in effect through 1998. The tenth revision of the ICD includes changes to coding rules, category names and ICD numbers and changes to the tabulation lists used to produce mortality statistics under ICD-10.

Differences Between ICD-9 and ICD-10

The ICD is changed periodically because of the need to stay abreast of medical advances in disease nomenclature and etiology. As with previous revisions of the ICD, the change to the tenth revision resulted in a much more detailed classification, about 8,000 categories compared with about 4,000 categories in the ninth revision. ICD-10 uses 4-digit alphanumeric codes compared with 4-digit numeric codes in ICD-9. The alphanumeric ICD-10 codes that make up the most common causes of mortality, begin in Table A39a of this publication.

TABLE OF CONTENTS

Page	
ix	List of Summary Tables
xiii	List of Reference Tables
xvii	List of Appendices
S-1	Summary Tables
R-1	Reference Tables
A-1	Technical Notes
B-1	Life Tables

List of Summary Tables

Page	
S-3	Table 1. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-2008
S-5	Table 2. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950 and 1960-2008
S-8	Table 3. Statistical summary, estimated midyear population, births, deaths, infant mortality, fetal deaths and abortions by local health district and county of residence: Utah, 2008
S-9	Table 4. Births by local health district and county of residence: Utah, 1980, 1990 and 1995-2008
S-10	Table 5. Census of population and intercensal estimates by local health district and county of residence: Utah, April 1, 1990 and 2000 and July 1, 1990, 1995, and 1999-2008
S-11	Table 6. Population density by land area (frontier, rural and urban) and county of residence: Utah, 2008
S-12	Table 7. Population, births and deaths by land area of residence: Utah, 2008
S-12	Table 8. Infant mortality total, neonatal and postneonatal by land area of residence: Utah, 2008
S-12	Table 9. Fetal deaths, low-weight births, births to unmarried mothers and abortions by land area of residence: Utah, 2008
S-13	Table 10. Female population, births and fertility rates, resident females 15-44 years of age: Utah and United States, 1970-2007
S-14	Table 11. Gender ratios, number of male births per 100 female births, residents: Utah and United States, 1960-2008
S-15	Table 12. Low birthweight percent (less than 2,500 grams) by race, residents: Utah and United States, 1970-2008

(List of Summary Tables continued)

Page

S-16 Table 13. Births to unmarried mothers by age of mother, residents: Utah, 1975-2008

S-17 Table 14. Birth rates to unmarried mothers per 1,000 live births by age of mother, residents: Utah, 1975-2008

S-18 Table 15. Percent distribution of births by tobacco use of mother (average number of cigarettes per day per trimester) and birthweight of infant, residents: Utah, 2008

S-19 Table 16. Percent distribution of births by alcohol use of mother (average number of drinks per week per trimester) and birthweight of infant, residents: Utah, 2008

S-20 Table 17. Leading causes of death and death rates: Utah, 2007 and 2008

S-21 Table 18. Leading causes of death, death rates and age adjusted rates (includes 2005 age adjusted rates), residents: United States and Utah, 2006

S-22 Table 19. Deaths and death rates by selected causes, residents: Utah, 2005-2008

S-23 Table 20. Expected years of life and working years of life lost by selected underlying cause of death, residents: Utah, 2008

S-24 Table 21. Infant mortality rates by age at death, residents: Utah, 1970-2008

S-25 Table 22. Deaths by local health district and county of residence: Utah, 1990, 1995-2008

S-26 Table 23. Deaths and percent of deaths by selected causes, Hispanic all races and non-Hispanic origin, residents: Utah, 2008

S-27 Table 24. Deaths and percent of deaths by age, Hispanic all races and non-Hispanic origin, residents: Utah, 2008

S-28 Table 25. Deaths and death rates from unnatural causes, residents: Utah and United States, 2006-2008

(List of Summary Tables continued)

Page

S-29 Table 26. Deaths and age adjusted death rates from unnatural causes, residents: Utah and United States, 2006-2008

S-30 Table 27. Deaths due to suicide by age, gender and year, residents: Utah, 1990-2008

S-31 Table 28. Pregnancies, pregnancy rates and populations by specific age groups, residents: Utah, 1990, 1995, 2000, 2002, 2004, 2006 and 2007

Figures

S-7 Figure 1. Estimated resident population, July 1, each year: Utah, 1960-2008

S-7 Figure 2. Rate of natural increase: Utah and United States, 1960-2008

S-7 Figure 3. Crude birth rates: Utah and United States, 1960-2008

S-7 Figure 4. Crude death rates: Utah and United States, 1960-2008

S-18 Figure 5. Percent distribution of births by tobacco use of mother and birthweight of infant, residents: Utah, 2008

S-19 Figure 6. Percent distribution of births by alcohol use of mother and birthweight of infant, residents: Utah, 2008

S-24 Figure 7. Infant mortality rates: Utah and United States, 1970-2008

List of Reference Tables

Page	
R-3	Table A1. Births by health district, county of occurrence, gender, attendant and hospital delivery: Utah, 2008
R-4	Table A2. Births by health district, county of residence of mother, gender, number born and birth order: Utah, 2008
R-5	Table A3. Births by health district, county of residence of mother and month of occurrence: Utah, 2008
R-6	Table A4. Births by health district, county of residence and age of mother: Utah, 2008
R-7	Table A5. Births by health district, county of residence and race/ethnicity of mother: Utah, 2008
R-8	Table A6. Births by health district, county of residence of mother and birthweight of infant: Utah, 2008
R-9	Table A7. Births by month prenatal care began by number of prenatal visits, residents: Utah, 2008
R-10	Table A8. Births by health district, county of residence of mother and month prenatal care began: Utah, 2008
R-11	Table A9. Births by health district, county of residence of mother and number of prenatal visits: Utah, 2008
R-12	Table A10. Births by race/ethnicity of mother, birth order of infant and age of mother, residents: Utah, 2008
R-14	Table A11. Births by race/ethnicity and age of mother and month prenatal care began, residents: Utah, 2008

(List of Reference Tables continued)

Page	
R-16	Table A12. Births by race/ethnicity and age of mother and number of prenatal visits, residents: Utah, 2008
R-18	Table A13. Births by race/ethnicity of mother, gender and birthweight of infant, residents: Utah, 2008
R-18	Table A14. Births by gestation period and birthweight of infant, residents: Utah, 2008
R-19	Table A15. Births by number of previous births, age and education of mother, residents: Utah, 2008
R-20	Table A16. Births by age and education of parents, residents: Utah, 2008
R-20	Table A17. Births to unmarried mothers by age and education of parents, residents: Utah, 2008
R-21	Table A18. Births to unmarried mothers by health district, county of residence and age of mother: Utah, 2008
R-22	Table A19. Births by marital status of mother, race/ethnicity and age of mother, residents: Utah, 2008
R-22	Table A20. Births by age of mother and birthweight of infant, residents: Utah, 2008
R-23	Table A21. Births by birthweight of infant and tobacco use of mother (trimester of first use of cigarettes), residents: Utah, 2008
R-23	Table A22. Births by birthweight of infant and alcohol use of mother (trimester of first use of alcohol), residents: Utah, 2008
R-24	Table A23. Births by five-minute apgar score and birthweight of infant, residents: Utah, 2008

(List of Reference Tables continued)

Page	
R-25	Table A24. Births to mothers of Hispanic origin by age of mother, health district and county of residence: Utah, 2008
R-26	Table A-25. Births to mothers of Hispanic origin by race and age of mother and number of prenatal visits, residents: Utah, 2008
R-28	Table A26. Births to mothers of Hispanic origin by race, age of mother and month prenatal care began, residents: Utah, 2008
R-30	Table A27. Births to mothers of Hispanic origin by marital status of mother, race and age of mother, residents: Utah, 2008
R-31	Table A28. Births and deaths by community of occurrence and residence: Utah, 2008
R-39	Table A29. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, health district and county of occurrence: Utah, 2008
R-42	Table A30. Fetal deaths by health district, county of residence and age of mother: Utah, 2008
R-43	Table A31. Fetal deaths by selected causes and gender, residents: Utah, 2007
R-46	Table A32. Deaths to infants by race/ethnicity and age of infant, health district and county of residence: Utah, 2008
R-47	Table A33. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2008
R-56	Table A34. Deaths to infants under one year of age and fetal deaths by mother's health district and county of residence: Utah, 2008

(List of Reference Tables continued)

Page

R-57 Table A35. Deaths by health district, county of residence and month: Utah, 2008

R-58 Table A36. Deaths by health district, county of residence, race/ethnicity and gender: Utah, 2008

R-59 Table A37. Deaths by age, race/ethnicity and gender, residents: Utah, 2008

R-60 Table A38a-A38c. Deaths by health district, county of residence, age and gender: Utah, 2008

R-63 Table A39a-A39c. Deaths by selected causes and county of residence: Utah, 2008

R-78 Table A40. Deaths by selected causes and age, residents: Utah, 2008

R-83 Table A41. Deaths by health district, county of occurrence and place where death occurred: Utah, 2008

R-84 Table A42. Deaths from unnatural causes by health district, county of residence: Utah, 2008

R-85 Table A43. Deaths from unnatural causes by age and gender, residents: Utah, 2008

R-86 Table A44. Deaths from unnatural causes by race/ethnicity and gender, residents: Utah, 2008

R-87 Table A45. Deaths from unintentional injuries by cause and month, occurrences: Utah, 2008

R-88 Table A46. Deaths from unintentional injuries by cause, age and gender, occurrences: Utah, 2008

(List of Reference Tables continued)

Page	
R-89	Table A47a-A47c. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008
R-104	Table A48. Deaths to decedents of Hispanic origin by selected causes and age, residence: Utah, 2008

List of Appendices

Page	Appendix A
A-5	Figure A-1. Local health districts, registrars and deputy registrars
A-6	Figure A-2. Map: Local Health districts in Utah
A-7	Figure A-3. Certificate of live birth
A-8	Figure A-4. Certificate of birth (information for medical and health use)
A-9	Figure A-5. Certificate of death
A-10	Figure A-6a - A-6b. Fetal death certificate

	Appendix B
B-3	Abridged life table for total population, residents: Utah, 2008
B-4	Abridged life table for male population, residents: Utah, 2008
B-5	Abridged life table for female population, residents: Utah, 2008

2008 Summary Tables:

Births and Deaths

Table 1. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-2008

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

Table 1 continued. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-2008

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

Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.
Utah Population Estimates Committee in 1996 changed its convention on rounded estimates so that it now publishes unrounded estimates. Accordingly, the revised estimates for 1990 and thereafter are not rounded.
Source for population data for years 1940-2008: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB); Table: Total population by county: 1940-2008; website: http://www.governor.utah.gov/dea/UPEC/All UPECData081120.xls. (UPEC data is July 1 of the calendar year.)

Table 2. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950 and 1960-2008

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

Table 2 continued. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950 and 1960-2008

	Birth		Death		Natural increase		Infant mortality		Fetal death		Marriage		Divorce and annulment	
Year	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.
2000	21.1	14.4	5.5	8.5	15.6	5.9	5.2	6.9	5.2	6.6	10.6	8.4	4.3	4.1
2001	20.8	14.1	5.5	8.5	15.3	5.6	4.8	6.9	4.8	6.5	10.9	8.2	4.2	4.0
2002	20.8	13.9	5.5	8.5	15.3	5.4	5.5	7.0	5.0	6.4	10.3	7.8	4.0	4.0
2003	20.6	14.1	5.5	8.4	15.1	5.7	5.0	6.9	4.8	6.2	10.1	7.7	4.0	3.8
2004	20.5	14.0	5.4	8.2	15.1	5.8	5.2	6.8	5.2	6.2	9.6	7.8	4.0	3.7
2005	20.2	14.0	5.2	8.3	15.0	5.7	4.5	6.9	5.0	6.2	9.5	7.6	3.9	3.6
2006	20.4	14.2	5.2	8.1	15.2	6.1	5.0	6.7	4.6	N.A.	9.5	7.3	3.8	3.7
2007	20.4	14.3	5.2	8.0	15.2	6.3	5.2	6.6	4.7	N.A.	8.9	7.3	3.5	3.6
2008	20.2	13.9	5.0	8.1	15.1	5.8	4.7	6.5	5.6	N.A.	8.7	7.1	3.6	3.5

Rates for births, deaths, marriages, and divorces are per 1,000 population.
Rates for natural increase are births minus deaths per 1,000 population.
Rates for infant mortality and ratios for spontaneous fetal deaths are per 1,000 live births.
Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.
Source for U.S. rates for 2007 and 2008: National Center for Health Statistics, Centers for Disease Control; Table A. Provisional vital statistics for the United States, 2008 ; Births, Marriages, Divorces, and Deaths: Provisional Data for 2008; National Vital Statistics Report; Volume 57, Number 19, July 29, 2009.
Source for U.S. birth rates for 1980-2006: National Center for Health Statistics, Centers for Disease Control; Table 1. Live births, birth rates, and fertility rates, by race: United States, specified years 1940-1955 and each year, 1960-2006; Births: Final Data for 2006; National Vital Statistics Report; Volume 57, Number 7, January 7, 2009.
Source for U.S. death rates and infant death rates for 1950, 1960, 1970, 1980-2006: National Center for Health Statistics, Centers for Disease Control; Table 1. Number of deaths, death rates, and age-adjusted death rates, by race and sex: United States, 1940, 1950, 1960, 1970, and 1980-2006 and Table 30. Infant, neonatal, and postneonatal mortality rates by race and sex: United States, 1940, 1950, 1960, 1970, and 1975-2006; Deaths: Final Data 2006; National Vital Statistics Report; Volume 57, Number 14, April 17, 2009.
Source for U.S. death rates for 2005: National Center for Health Statistics, Centers for Disease Control; Table A. Provisional vital statistics for the United States, 2007; Births, Marriages, Divorces, and Deaths: Provisional Data for 2007; National Vital Statistics Report; Volume 56, Number 21, July 14, 2008.
Infant death rates for data years 1950, 1960, 1970, 1975-2004: National Center for Health Statistics, Centers for Disease Control; Table 30. "Infant, neonatal, and postneonatal mortality rates by race and sex: United States, 1940, 1950, 1960, 1970, and 1975-2004;" Deaths: Final Data for 2004; National Vital Statistics Report series, Vol. 55, No. 19; August 21, 2007.
Source for U.S. fetal death rates for 1995-2005: National Center for Health Statistics, Centers for Disease Control; Table 21. Infant mortality rates, fetal mortality rates, and perinatal mortality rates, by race: United States, selected years 1950-2005; Fetal and Perinatal Mortality, United States, 2005; National Vital Statistics Report; Volume 57, Number 8, January 28, 2009.
Source for U.S. fetal death rates for data years 1991-1993: National Center for Health Statistics, Centers for Disease Control; Table 3-2. Fetal deaths, fetal mortality rates and ratios by race, United States:1942-93; Vital Statistics of the United States 1993, Vol. II - Mortality Part A, 2002.
Source for U.S. fetal deaths for data years 1985 and 1990: National Center for Health Statistics, Centers for Disease Control; Table A. "Fetal and perinatal mortality rates: United States, 1985, 1990, and 1995-2004;" Fetal and Perinatal Mortality, United States, 2004; National Vital Statistics Report series, Vol. 56, No. 3, October 11, 2007.
Source for U.S. fetal deaths (Years: 1950, 1960, 1970, and 1980, 1990, 1995, 1999, 2000-2005): Health, United States, 2005.
Sources for other data years are previous issues of Health, United States and the National Vital Statistics series and the Monthly Vital Statistics series.

Figure 1. Estimated resident population, July 1, each year: Utah 1960-2008

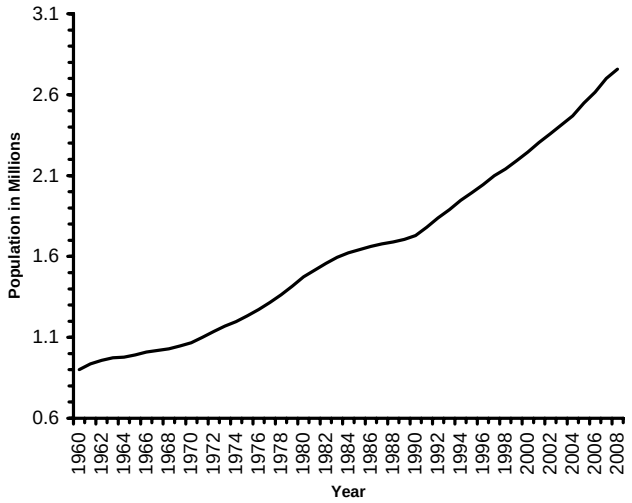


Figure 2. Rate of natural increase: Utah and United States, 1960-2008

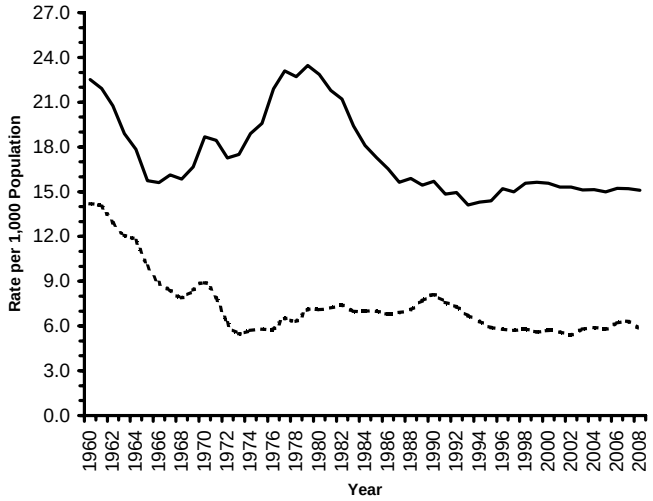


Figure 3. Crude birth rates: Utah and United States, 1960-2008

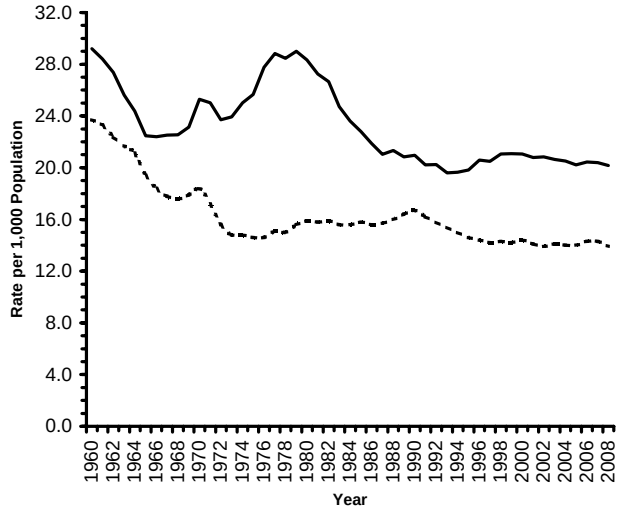
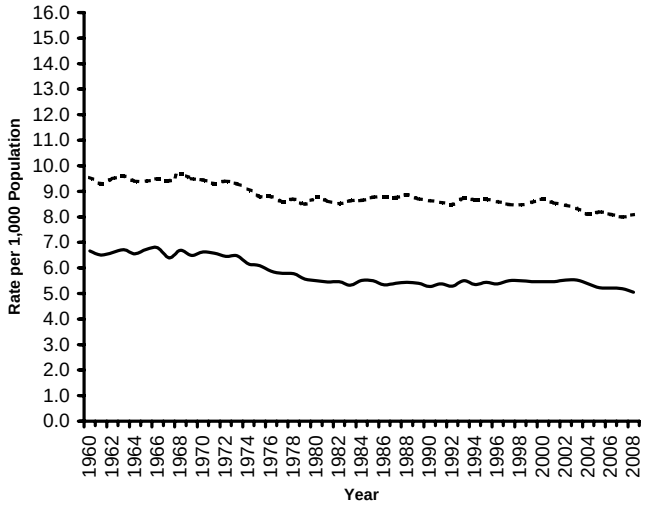


Figure 4. Crude death rates: Utah and United States, 1960-2008



Utah ____

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Table 3. Statistical summary, estimated midyear population, births, deaths, infant mortality, fetal deaths and abortions by local health district and county of residence: Utah, 2008

Health district and county	Estimated population 1 July 2008	Births		Deaths			Infant mortality		Fetal death		Abortions	
		Number	Rate	Number	Rate	Age-adjusted rate	Number	Rate	Number	Ratio	Number	Rate
Total	2,757,779	55,605	20.2	13,920	5.0	732.3	264	4.7	310	5.6	3,510	63.1
Bear River	162,831	3,513	21.6	731	4.5	665.7	12	3.4	17	4.8	105	29.9
Box Elder	48,712	960	19.7	284	5.8	718.1	6	--	3	--	29	30.2
Cache	111,841	2,513	22.5	431	3.9	631.8	5	--	14	5.6	76	30.2
Rich	2,278	40	17.6	16	7.0	596.8	1	--	0	--	0	--
Central Utah	75,252	1,281	17.0	543	7.2	818.5	8	6.2	2	--	31	24.2
Juab	10,039	229	22.8	74	7.4	951.3	0	--	1	--	2	--
Millard	13,550	205	15.1	86	6.3	706.5	1	--	0	--	2	--
Piute	1,447	22	15.2	16	11.1	804.7	0	--	0	--	1	--
Sanpete	26,960	443	16.4	163	6.0	760.6	1	--	1	--	12	27.1
Sevier	20,619	336	16.3	181	8.8	897.6	6	--	0	--	12	35.7
Wayne	2,637	46	17.4	23	8.7	821.8	0	--	0	--	2	--
Davis	301,915	6,202	20.5	1,371	4.5	801.0	27	4.4	36	5.8	240	38.7
Salt Lake	1,030,519	19,591	19.0	5,369	5.2	716.5	106	5.4	117	6.0	2,262	115.5
Southeastern	54,983	866	15.8	476	8.7	844.6	4	--	5	--	27	31.2
Carbon	19,841	324	16.3	232	11.7	1,049.3	2	--	3	--	17	52.5
Emery	10,610	192	18.1	102	9.6	972.9	2	--	0	--	4	--
Grand	9,326	125	13.4	70	7.5	659.7	0	--	0	--	5	--
San Juan	15,206	225	14.8	72	4.7	540.7	0	--	2	--	1	--
Southwest	209,281	3,974	19.0	1,284	6.1	514.3	22	5.5	13	3.3	10	2.5
Beaver	6,523	132	20.2	47	7.2	733.6	0	--	0	--	0	--
Garfield	5,044	62	12.3	41	8.1	698.5	0	--	0	--	0	--
Iron	46,341	969	20.9	269	5.8	1,011.5	7	7.2	3	--	3	--
Kane	6,663	94	14.1	57	8.6	633.9	1	--	0	--	1	--
Washington	144,710	2,717	18.8	870	6.0	437.4	14	5.2	10	3.7	6	--
Summit	39,951	506	12.7	131	3.3	1,130.1	2	--	8	15.8	91	179.8
Tooele	58,214	1,099	18.9	260	4.5	826.5	8	7.3	14	12.7	59	53.7
TriCounty	48,175	1,078	22.4	311	6.5	806.5	6	--	8	7.4	42	39.0
Daggett	964	11	11.4	3	3.1	185.6	0	--	0	--	0	--
Duchesne	16,765	422	25.2	112	6.7	971.3	2	--	4	--	8	19.0
Uintah	30,446	645	21.2	196	6.4	785.4	4	--	4	--	34	52.7
Utah County	519,632	12,506	24.1	1,888	3.6	838.9	46	3.7	56	4.5	309	24.7
Wasatch	22,845	433	19.0	100	4.4	989.8	3	--	2	--	33	76.2
Weber-Morgan	234,181	4,556	19.5	1,456	6.2	747.5	20	4.4	32	7.0	301	66.1
Morgan	9,645	145	15.0	48	5.0	687.2	0	--	1	--	2	--
Weber	224,536	4,411	19.6	1,408	6.3	750.2	20	4.5	31	7.0	299	67.8

Rates for births are per 1,000 population.

Crude rates for deaths are per 1,000 population.

Age-adjusted rates for deaths are per 100,000 population.

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

Rates are not computed for fewer than seven events.

Source for population data for years 1940-2008: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB); Table: Total population by county: 1940-2008; website: http://www.governor.utah.gov/dea/UPEC/All UPECData081120.xls. (UPEC data is July 1 of the calendar year).

Table 4. Births by local health district and county of residence: Utah, 1980, 1990 and 1995-2008

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

Table 5. Census of population and intercensal estimates by local health district and county of residence: Utah, April 1, 1990 and 2000 and July 1, 1990, 1995, and 1999-2008

Health district and county	April 1, 1990 Census	April 1, 2000 Census	Mid-Year Population 1990	1995	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	1,722,850	2,233,169	1,729,227	1,995,228	2,193,014	2,246,553	2,305,652	2,358,330	2,413,618	2,469,230	2,547,389	2,615,129	2,699,554	2,757,779
Bear River	108,393	136,097	108,797	123,195	134,265	136,712	138,600	141,322	144,277	146,905	150,930	153,779	158,675	162,831
Box Elder	36,485	42,745	36,509	39,260	42,411	42,860	43,245	43,812	44,022	44,654	45,304	45,987	47,491	48,712
Cache	70,183	91,391	70,560	82,095	89,874	91,897	93,372	95,460	98,176	100,182	103,564	105,671	109,022	111,841
Rich	1,725	1,961	1,728	1,840	1,980	1,955	1,983	2,050	2,079	2,069	2,062	2,121	2,162	2,278
Central Utah	52,294	66,192	52,383	60,034	65,250	66,506	67,721	69,069	69,731	70,295	71,120	72,236	73,994	75,252
Juab	5,817	8,238	5,831	7,236	8,021	8,310	8,570	8,643	8,713	8,826	8,974	9,315	9,654	10,039
Millard	11,333	12,405	11,333	12,266	12,236	12,461	12,486	12,760	13,068	13,127	13,171	13,230	13,414	13,550
Piute	1,277	1,435	1,267	1,331	1,433	1,436	1,404	1,409	1,358	1,366	1,368	1,373	1,385	1,447
Sanpete	16,259	22,763	16,355	19,990	22,513	22,846	23,572	24,521	24,787	25,043	25,454	25,799	26,464	26,960
Sevier	15,431	18,842	15,434	16,936	18,555	18,938	19,180	19,232	19,318	19,415	19,649	19,984	20,442	20,619
Wayne	2,177	2,509	2,163	2,275	2,492	2,515	2,509	2,504	2,487	2,518	2,504	2,535	2,635	2,637
Davis	187,941	238,994	188,471	216,053	235,358	240,204	246,744	255,099	262,038	268,916	278,278	286,547	296,029	301,915
Salt Lake	725,956	898,387	728,298	827,337	885,212	902,777	918,279	927,564	940,465	955,166	978,285	996,374	1,018,904	1,030,519
Southeastern	49,801	54,180	49,537	52,266	54,497	54,075	52,817	53,082	52,739	52,842	53,226	53,613	54,123	54,983
Carbon	20,228	20,422	20,169	19,965	20,500	20,396	19,858	19,858	19,558	19,385	19,338	19,504	19,730	19,841
Emery	10,332	10,860	10,329	10,683	11,095	10,782	10,473	10,540	10,477	10,493	10,491	10,438	10,461	10,610
Grand	6,620	8,485	6,591	7,822	8,329	8,537	8,423	8,468	8,464	8,611	8,826	9,024	9,125	9,326
San Juan	12,621	14,413	12,448	13,796	14,573	14,360	14,063	14,216	14,240	14,353	14,571	14,647	14,807	15,206
Southwest	83,263	140,919	83,800	116,297	137,660	142,006	149,308	156,714	164,080	173,230	185,779	195,817	203,499	209,281
Beaver	4,765	6,005	4,782	5,672	5,951	6,023	6,198	6,285	6,285	6,308	6,341	6,428	6,466	6,523
Garfield	3,980	4,735	3,970	4,361	4,650	4,763	4,630	4,599	4,532	4,625	4,703	4,772	4,872	5,044
Iron	20,789	33,779	20,910	27,507	32,879	34,079	35,541	36,122	37,559	38,925	41,397	43,424	44,813	46,341
Kane	5,169	6,046	5,150	5,844	6,073	6,037	6,037	5,958	5,937	6,056	6,211	6,294	6,440	6,663
Washington	48,560	90,354	48,988	72,913	88,107	91,104	96,902	103,750	109,767	117,316	127,127	134,899	140,908	144,710
Summit	15,518	29,736	15,690	23,630	28,797	30,048	31,279	32,236	34,073	35,090	36,283	36,871	38,412	39,951
Tooele	26,601	40,735	26,581	30,179	38,289	41,549	44,425	47,019	48,956	50,075	52,133	54,375	56,536	58,214
TriCounty	35,546	40,516	35,536	38,813	40,181	40,627	41,639	41,756	41,638	42,111	43,083	44,281	45,938	48,175
Daggett	690	921	706	794	884	933	944	916	921	954	963	949	969	964
Duchesne	12,645	14,371	12,600	13,501	14,293	14,397	14,646	14,856	14,698	14,933	15,237	15,585	16,163	16,765
Uintah	22,211	25,224	22,230	24,518	25,004	25,297	26,049	25,984	26,019	26,224	26,883	27,747	28,806	30,446
Utah County	263,590	368,536	265,766	310,334	358,459	371,894	390,447	405,977	423,286	437,627	456,073	475,425	501,447	519,632
Wasatch	10,089	15,215	10,134	12,576	14,560	15,433	16,278	17,476	18,515	19,177	19,999	21,053	21,951	22,845
Weber-Morgan	163,858	203,662	164,234	184,507	200,478	204,722	208,115	211,016	213,820	217,796	222,200	224,758	230,046	234,181
Morgan	5,528	7,129	5,561	6,416	6,973	7,181	7,548	7,639	7,938	8,249	8,516	8,888	9,265	9,645
Weber	158,330	196,533	158,673	178,091	193,505	197,541	200,567	203,377	205,882	209,547	213,684	215,870	220,781	224,536

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

Table 6. Population density by land area (frontier, rural and urban) and county of residence: Utah, 2008

Land area and county	Area in square miles	Estimated population July 1, 2008	Population density per sq mi
Total	84,898.83	2,757,779	32.5
Frontier	46,529.45	101,052	2.2
Garfield	5,208.20	5,044	1.0
Wayne	2,466.47	2,637	1.1
Daggett	723.06	964	1.3
Kane	4,108.42	6,663	1.6
Piute	765.76	1,447	1.9
San Juan	7,933.09	15,206	1.9
Millard	6,828.01	13,550	2.0
Rich	1,086.29	2,278	2.1
Emery	4,461.54	10,610	2.4
Beaver	2,592.28	6,523	2.5
Grand	3,694.08	9,326	2.5
Juab	3,406.28	10,039	2.9
Duchesne	3,255.97	16,765	5.1
Rural	34,127.47	580,125	17.0
Uintah	4,498.98	30,446	6.8
Box Elder	6,729.03	48,712	7.2
Tooele	7,287.12	58,214	8.0
Sevier	1,918.28	20,619	10.7
Carbon	1,484.57	19,841	13.4
Iron	3,301.84	46,341	14.0
Morgan	610.79	9,645	15.8
Sanpete	1,602.66	26,960	16.8
Wasatch	1,209.17	22,845	18.9
Summit	1,882.05	39,951	21.2
Washington	2,429.91	144,710	59.6
Cache	1,173.07	111,841	95.3
Urban	4,241.92	2,076,602	489.5
Utah County	2,140.98	519,632	242.7
Weber	659.46	224,536	340.5
Davis	633.70	301,915	476.4
Salt Lake	807.78	1,030,519	1,275.7

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

Table 7. Population, births and deaths by land area of residence: Utah, 2008

Land Areas	Estimated population July 1, 2007	Births		Deaths		
		Number	Rate	Number	Rate	Age-adjusted rate
Total	2,757,779	55,605	20.2	13,920	5.0	732.3
Frontier	101,052	1,805	17.9	719	7.1	745.2
Rural	580,125	11,090	19.1	3,165	5.5	628.4
Urban	2,076,602	42,710	20.6	10,036	4.8	741.8

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

Table 8. Infant mortality total, neonatal and postneonatal by land area of residence: Utah, 2008

Land Areas	Total		Neonatal deaths (0-27 days)		Postneonatal deaths (28-364 days)	
	Number	Rate	Number	Rate	Number	Rate
Total	264	4.7	176	3.2	88	1.6
Frontier	7	3.9	1	0.6	6	3.3
Rural	58	5.2	41	3.7	17	1.5
Urban	199	4.7	134	3.1	65	1.5

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

Table 9. Fetal deaths, low-weight births, births to unmarried mothers and abortions by land area of residence: Utah, 2008

Land Areas	Fetal deaths		Low birthweight <2,500 grams		Unmarried mothers		Induced abortions	
	Number	Ratio	Number	Rate	Number	Rate	Number	Rate
Total	310	5.6	3,784	68.1	11,324	203.7	3510	63.1
Frontier	7	3.9	132	73.1	484	268.1	26	14.4
Rural	63	5.7	733	66.1	2,062	185.9	374	33.7
Urban	240	5.6	2,919	68.3	8,778	205.5	3,110	72.8

Ratios for fetal deaths and rates for low birthweight, unmarried mothers, and induced abortions are per 1,000 live births.
Frontier counties are six or fewer persons per square mile.
Rural counties are more than six but less than 100 persons per square mile.
Urban counties are one hundred or more persons per square mile.
Definitions for population densities for frontier, rural, and urban areas are defined by the Office of Vital Records and Statistics, Utah Department of Health.

Table 10. Female population, births and fertility rates, resident females 15-44 years of age: Utah and United States, 1970-2008

	Utah				U. S.			
					Total		White	
Year	Female population ages 15-44	Live births	General fertility rate	Percent change	General fertility rate	Percent change	General fertility rate	Percent change
1970	231,158	26,969	116.7	- -	87.9	- -	84.1	- -
1971	241,087	27,552	114.3	-2.0	81.6	-7.2	77.3	-8.1
1972	250,730	26,911	107.3	-6.1	73.1	-10.4	68.9	-10.9
1973	260,323	27,978	107.5	0.1	68.8	-5.9	64.9	-5.8
1974	268,583	29,946	111.5	3.7	67.8	-1.5	64.2	-1.1
1975	278,826	31,667	113.6	1.9	66.0	-2.7	62.5	-2.6
1976	289,417	35,310	122.0	7.4	65.0	-1.5	61.5	-1.6
1977	301,159	37,956	126.0	3.3	66.8	2.8	63.2	2.8
1978	313,892	38,811	123.6	-1.9	65.5	-1.9	61.7	-2.4
1979	327,658	41,078	125.4	1.4	67.2	2.6	63.4	2.8
1980	342,817	41,786	123.0	-1.9	68.4	1.8	65.6	3.5
1981	354,104	41,286	117.4	-4.5	67.3	-1.6	64.8	-1.2
1982	364,805	41,537	115.0	-2.0	67.3	0.0	64.8	0.0
1983	373,353	39,441	106.9	-7.1	65.7	-2.4	63.4	-2.2
1984	380,038	38,286	102.2	-4.4	65.5	-0.3	63.2	-0.3
1985	385,335	37,441	98.8	-3.3	66.3	1.2	64.1	1.4
1986	390,531	36,383	95.0	-3.8	65.4	-1.4	63.1	-1.6
1987	392,732	35,285	91.5	-3.7	65.8	0.6	63.3	0.3
1988	392,274	36,040	92.9	1.6	67.3	2.3	64.5	1.9
1989	392,606	35,558	90.6	-2.2	69.2	2.8	66.4	2.9
1990	395,807	36,253	91.6	1.1	70.9	2.5	68.3	2.9
1991	411,839	36,019	87.5	-4.4	69.3	-2.3	66.7	-2.3
1992	428,353	37,198	86.8	0.1	68.4	-1.3	66.1	-0.9
1993	443,618	37,048	83.5	-3.4	67.0	-2.0	64.9	-1.8
1994	460,914	38,271	83.0	-0.1	65.9	-1.6	64.2	-1.1
1995	475,165	39,554	83.2	0.5	64.6	-2.0	63.6	-0.9
1996	488,404	42,056	86.1	3.7	64.1	-0.8	63.3	-0.5
1997	502,401	43,009	85.6	0.0	63.6	-0.8	62.8	-0.8
1998	510,715	45,128	88.4	3.7	64.3	1.1	63.6	1.3
1999	520,259	46,243	88.9	1.3	64.4	0.2	64.0	0.6
2000	528,501	47,331	89.6	-3.6	65.9	2.3	65.3	2.0
2001	540,060	47,915	88.7	-0.7	65.3	-0.9	65.0	-0.5
2002	548,463	49,140	89.6	1.1	64.8	-0.8	64.8	-0.3
2003	557,186	49,834	89.4	0.0	66.1	2.0	66.1	2.0
2004	566,195	50,653	89.5	0.2	66.3	0.3	66.1	0.0
2005	580,529	51,517	88.7	0.1	66.7	0.6	66.3	0.3
2006	591,473	53,475	90.4	0.4	68.5	2.7	59.5	-10.3
2007	606,838	55,063	90.7	3.6	69.5	1.5	60.1	1.0
2008	622,469	55,605	89.3	-1.6	N.A.	N.A.	N.A.	N.A.

General fertility rates are number of live births per 1,000 females 15-44 years of age.
General fertility rates prior to 1980 are tabulated by race of child.
Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.
Source for Utah female population 15-44 years of age for years 2000-2008: Demographic and Economic Analysis, Govenor's Office of Planning and Budget; Detailed demographic and economic projections; Table. Poulation by area, gender, and five-year age groups; 2008 baseline projections; website: http://www.governor.utah.gov/dea/projections.html (August 8, 2009).
Source for population data by age for years 1990-1999: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB), 2008 Baseline Economic and Demographic Projections (Revised on 7-23-2008).
Source for U.S. general fertility rates for data years 2006-2007: National Center for Health Statistics, Centers for Disease Control; Table 1. Total births and percentage of births with selected demographic characteristics, by race and Hispanic origin of mother: United States, final 2006 and preliminary 2007; National Vital Statistics Reports, Births: Preliminary Data for 2007, Vol 57, No 12, March 18, 2009.
Source for U.S. general fertility rates for data years 1970-2005: National Center for Health Statistics, Centers for Disease Control; Table 1. "Live births, birth rates, and fertility rates, by race: United States, specified years 1940-1955 and each year, 1960-2006"; National Vital Statistics Reports, Births: Final Data for 2006, Vol 57, No 7, January 7, 2009.

Table 11. Gender ratios, number of male births per 100 female births, residents: Utah and United States, 1960-2008

	Birth gender ratio	
Year	Utah residents	U.S. residents
1960	105.1	104.9
1961	104.9	105.0
1962	104.2	104.8
1963	102.8	105.3
1964	105.2	104.7
1965	105.7	105.1
1966	105.9	104.9
1967	105.9	105.0
1968	104.9	105.3
1969	105.1	105.3
1970	106.2	105.5
1971	105.0	105.2
1972	103.1	105.1
1973	104.6	105.2
1974	103.6	105.5
1975	104.5	105.4
1976	106.3	105.3
1977	105.6	105.3
1978	105.1	105.3
1979	105.8	105.2
1980	105.5	105.3
1981	105.4	105.2
1982	105.0	105.1
1983	106.3	105.2
1984	106.0	105.0
1985	105.3	105.2
1986	105.3	105.1
1987	104.1	105.0
1988	104.9	105.0
1989	106.7	105.0
1990	105.0	105.0
1991	106.3	104.6
1992	104.7	105.0
1993	107.2	105.0
1994	106.8	104.8
1995	104.1	104.9
1996	107.7	104.7
1997	105.4	104.8
1998	103.8	104.7
1999	107.0	104.9
2000	106.0	104.8
2001	105.9	104.6
2002	104.8	104.8
2003	104.0	104.9
2004	104.7	104.8
2005	105.6	104.9
2006	107.4	104.9
2007	106.0	N.A.
2008	105.2	N.A.

Source for U.S. sex ratio for 2006: National Center for Health Statistics, Centers for Disease Control; Table 14: "Total number of births, rates (birth, fertility, and total fertility), and percentage of births with selected demographic characteristics, by race of mother: United States, 2006"; Births: Final data for 2006, Vol. 57, No. 7, January 7, 2009; National Vital Statistics Report series.

Source for 2003-2005 U.S. sex ratios: National Center for Health Statistics, Centers for Disease Control; Births: Final data for (year); National Vital Statistics Report series.

Source for U.S. sex ratios: National Center for Health Statistics, Centers for Disease Control; Table 1: "Number of male and female births, sex ratio at birth, and number of excess males: United States, 1940-2002;" Trend Analysis of the Sex Ratio at Birth in the United States, Vol. 53, No. 20; National Vital Statistics Report series; June 14, 2005.

Table 12. Low birthweight percent (less than 2,500 grams) by race, residents: Utah and United States, 1970-2008

	Utah	Utah			United States		
Year	Total	White	Black	Other	Total	White	Black
Race of Child:							
1970	6.5	6.5	12.9	8.3	7.9	6.8	13.9
1971	6.2	6.1	9.4	8.3	7.7	6.6	13.4
1972	6.0	6.0	11.9	7.0	7.7	6.5	13.6
1973	5.5	5.5	14.7	4.8	7.6	6.4	13.3
1974	5.3	5.2	17.9	6.4	7.4	6.3	13.1
1975	5.3	5.3	13.8	5.6	7.4	6.3	13.1
1976	5.4	5.3	14.0	6.1	7.3	9.1	13.0
1977	5.2	5.2	13.3	5.6	7.1	5.9	12.8
1978	5.6	5.6	7.3	5.4	7.1	5.9	12.9
1979	5.6	5.5	11.2	5.9	6.9	5.8	12.6
1980	5.3	5.2	9.6	5.5	6.8	5.7	12.5
1981	5.4	5.4	8.7	5.8	6.8	5.7	12.7
1982	5.6	5.5	11.4	6.8	6.8	5.6	12.6
1983	5.6	5.5	10.3	6.5	6.8	5.7	12.8
1984	5.6	5.4	10.1	8.5	6.7	5.6	12.6
1985	5.7	5.6	10.4	6.0	6.8	5.7	12.6
1986	5.4	5.3	9.3	6.3	6.8	5.7	12.8
1987	5.7	5.6	10.6	7.0	6.9	5.7	13.0
1988	5.7	5.6	11.8	6.9	6.9	5.7	13.3
1989	5.7	5.6	10.8	5.4	7.0	5.6	13.6
Race of Mother:							
1990	5.7	5.7	12.8	5.6	7.0	5.6	13.3
1991	6.0	6.0	14.0	5.9	7.1	5.7	13.6
1992	5.6	5.6	9.1	6.0	7.1	5.7	13.4
1993	5.9	5.9	9.0	7.4	7.2	5.9	13.4
1994	5.9	5.9	10.1	5.2	7.3	6.1	13.3
1995	6.3	6.2	10.6	7.2	7.3	6.2	13.2
1996	6.6	6.6	11.9	7.1	7.4	6.4	13.1
1997	6.6	6.5	14.2	7.6	7.5	6.5	13.1
1998	6.8	6.7	14.6	7.6	7.6	6.6	13.2
1999	6.8	6.9	14.8	7.3	7.6	6.6	13.2
2000	6.6	6.5	12.2	5.9	7.6	6.6	13.1
2001	6.4	6.5	10.8	6.6	7.7	6.8	13.1
2002	6.4	6.3	14.7	7.7	7.8	6.9	13.4
2003	6.6	6.5	16.4	7.0	7.9	7.0	13.6
2004	6.6	6.5	11.4	8.4	8.1	7.2	13.7
2005	6.8	6.7	9.6	7.9	8.2	7.3	14.0
2006	6.9	6.8	11.3	8.4	8.3	7.3	14.0
2007	6.7	6.6	9.9	7.8	8.2	7.2	13.8
2008	6.8	6.7	13.0	8.0	N.A.	N.A.	N.A.

Births are tabulated by race of mother beginning in data year 1990. Previous years are tabulated by race of child.

Low birthweight is defined, effective January 1, 1979, as "less than 2,500 grams" (or 5 pounds 8 ounces). This definition was changed in the ninth revision of the International Classification of Disease (ICD-9), 1978.

Source for U.S. low birthweight birth rates for preliminary data year 2007: National Center for Health Statistics, Centers for Disease Control; Table 8. "Total births, total cesarean delivery rate, percentage of live births preterm and very preterm, and percentage of live births at low and very low birthweight, by race and Hispanic origin of mother: United States, final 2006 and preliminary 2007;" Births: Preliminary Data for 2007, Vol. 57, No. 12, March 18, 2009; National Vital Statistics Report series.

Source for U.S. low birthweight birth rates for data years 1989-2006: National Center for Health Statistics, Centers for Disease Control; Table 33. "Percentage of live births very preterm and preterm and percentage of live births of very low birthweight and low birthweight, by race and Hispanic origin of mother: United States, 1989-2006;" Births: Final Data for 2006, Vol. 57, No. 7, January 7, 2009; National Vital Statistics Report series.

Source for U.S. low birthweight birth rates for data years 1981-1988: National Center for Health Statistics, Centers for Disease Control; Table 32. "Percentage of live births very preterm and preterm and percentage of live births of very low birthweight and low birthweight, by race and Hispanic origin of mother: United States, 1981-2004; "Births: Final Data for 2004; National Vital Statistics Report series, Vol. 55, No. 1; September 29, 2006.

Sources for other data years are previous issues of the National Vital Statistics series and the Monthly Vital Statistics series.

Table 13. Births to unmarried mothers by age of mother, residents: Utah, 1975-2008

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

Table 14. Birth rates to unmarried mothers per 1,000 live births by age of mother, residents: Utah, 1975-2008

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

Unknowns are in the total but are not distributed.

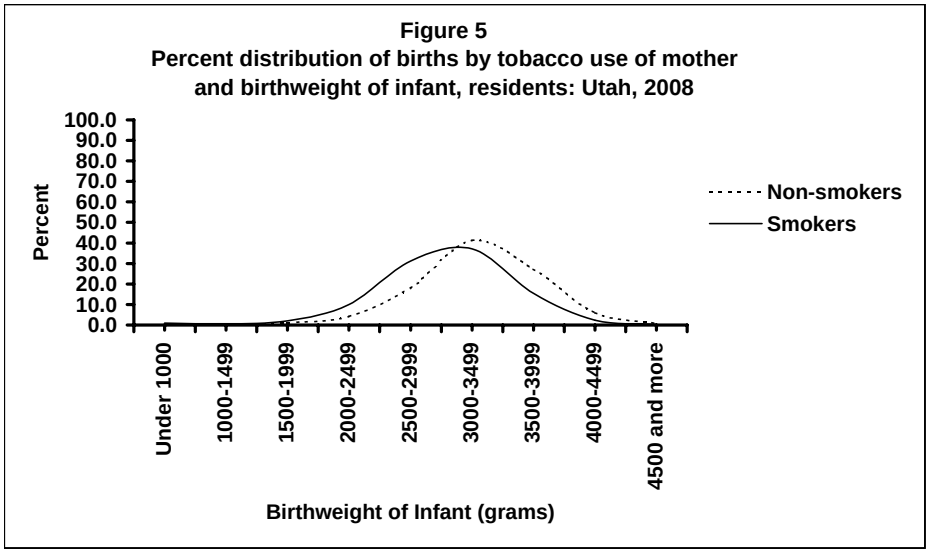

Table 15. Percent distribution of births by tobacco use of mother (average number of cigarettes per day per trimester) and birthweight of infant, residents: Utah, 2008

Tobacco use by mother	Total	Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Not stated
Total	100.0	0.5	0.5	1.3	4.5	18.9	41.1	26.6	5.9	0.7	0.0
Yes	100.0	1.0	0.7	2.0	9.9	31.1	37.2	15.5	2.4	0.3	0.0
Number of cigarettes											
None	100.0	0.5	1.0	2.5	12.6	30.3	40.9	10.1	2.0	0.0	0.0
1 to 10	100.0	1.8	0.6	1.0	6.1	26.6	40.4	19.2	3.8	0.5	0.0
11 to 20	100.0	1.0	0.9	2.3	11.7	33.4	35.1	14.0	1.3	0.3	0.0
21 or more	100.0	0.4	0.5	2.4	11.1	32.9	35.6	14.8	2.1	0.2	0.0
No	100.0	0.5	0.5	1.2	4.2	18.2	41.4	27.3	6.1	0.7	0.0
Unknown	100.0	1.6	0.5	2.6	7.0	20.8	38.7	22.1	5.8	0.6	0.3

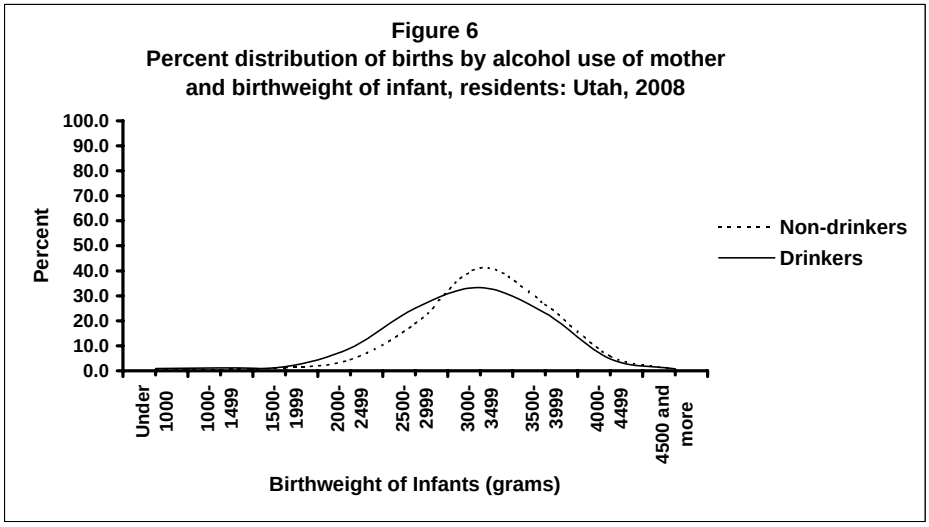

Table 16. Percent distribution of births by alcohol use of mother (average number of drinks per week per trimester) and birthweight of infant, residents: Utah, 2008

Tobacco use by mother	Total	Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Not stated
Total	100.0	0.5	0.5	1.3	4.5	18.9	41.1	26.6	5.9	0.7	0.0
Yes	100.0	1.0	1.1	1.7	9.1	25.1	33.3	23.0	4.8	0.8	0.0
Number of drinks											
One	100.0	1.5	1.5	0.8	10.7	26.7	29.8	22.1	5.3	1.5	0.0
Two	100.0	0.0	3.0	1.0	9.0	22.0	35.0	23.0	7.0	0.0	0.0
Three to four	100.0	0.0	0.0	2.2	7.2	23.9	40.6	22.5	3.6	0.0	0.0
More than four	100.0	2.3	0.0	2.3	10.3	29.9	24.1	25.3	3.4	2.3	0.0
Unknown	100.0	1.4	1.4	2.9	8.7	23.2	34.8	23.2	4.3	0.0	0.0
No	100.0	0.5	0.5	1.2	4.4	18.8	41.2	26.7	5.9	0.7	0.0
Unknown	100.0	1.6	0.7	2.7	7.4	20.4	38.7	22.3	5.4	0.6	0.3

Table 17. Leading causes of death and death rates: Utah, 2007 and 2008

Utah 2007					Utah 2008				
Rank	Cause and ICD-10 Code	Number	Rate per 100,000 mid-year population	Age adjusted rate	Rank	Cause and ICD-10 Code	Number	Rate per 100,000 mid-year population	Age adjusted rate
	Total	13,988	518.2	732.3		Total	13,920	504.8	732.3
1.	Diseases of heart (I00-I09, I11, I13, I20-I51)	2,958	109.6	164.2	1.	Diseases of heart (I00-I09, I11, I13, I20-I51)	2,823	102.4	151.7
2.	Malignant neoplasms (C00-C97)	2,547	94.3	131.6	2.	Malignant neoplasms (C00-C97)	2,478	89.9	124.0
3.	Unintentional injuries (V01-X59, Y85-Y86)	769	28.5	33.4	3.	Unintentional injuries (V01-X59, Y85-Y86)	834	30.2	35.3
4.	Cerebrovascular diseases (I60-I69)	725	26.9	40.9	4.	Cerebrovascular diseases (I60-I69)	739	26.8	40.3
5.	Chronic lower respiratory diseases (J40-J47)	615	22.8	33.3	5.	Chronic lower respiratory diseases (J40-J47)	636	23.1	33.3
6.	Diabetes mellitus (E10-E14)	544	20.1	28.8	6.	Diabetes mellitus (E10-E14)	468	17.0	23.8
7.	Alzheimers disease (G30)	389	14.4	23.0	7.	Alzheimers disease (G30)	406	14.7	23.4
8.	Intentional self-harm (suicide) (*U03, X60-X84, Y87.0)	368	13.6	14.7	8.	Intentional self-harm (suicide) (*U03, X60-X84, Y87.0)	384	13.9	14.8
9.	Influenza and pneumonia (J10-J18)	312	11.6	17.6	9.	Influenza and pneumonia (J10-J18)	341	12.4	18.6
10.	Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	219	8.1	12.2	10.	Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	212	7.7	11.2
11.	Parkinson's disease (G20-G21)	158	5.9	9.1	11.	Parkinson's disease (G20-G21)	178	6.5	10.0
12.	Chronic liver disease and cirrhosis (K70, K73-K74)	140	5.2	6.4	12.	Septicemia (A40-A41)	129	4.7	6.5
13.	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	138	5.1	4.4	13.	Chronic liver disease and cirrhosis (K70, K73-K74)	127	4.6	5.8
14.	Essential (primary) hypertension and hypertensive renal disease (I10, I12)	138	5.1	7.9	14.	Certain conditions originating in the perinatal period (P00-P96)	118	4.3	3.0
15.	Certain conditions originating in the perinatal period (P00-P96)	115	4.3	2.9	15.	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	112	4.1	3.6
	All other causes	3,853	142.7	202.0		All other causes	3,935	142.7	204.4

Source for population data for years 2007 and 2008: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB); Table: Total population by county: 1940-2008; website: http://www.governor.utah.gov/dea/UPEC/All UPECData081120.xls. (UPEC data is July 1 of the calendar year.)

Table 18. Leading causes of death, death rates, and age adjusted death rates (includes 2005 age adjusted death rates), residents: United States and Utah, 2006

	U.S. Number, Rate, and Percent of totals				U.S. Age Adjusted Rate			Utah Number, Rate, and Percent of totals				Utah Age Adjusted Rate	
Rank	Cause and ICD-10 Code	2006 Number	2006 Rate	Percent of total deaths	2006 Rate	2005 Rate	Rank	Cause and ICD-10 Code	2006 Number	2006 Rate	Percent of total deaths	2006 Rate	2005 Rate
	Total	2,426,264	810.4	100.0	776.5	798.8		Total	13,645	521.8	100.0	725.0	728.6
1.	Diseases of heart (I00-I09, I11, I13, I20-I51)	631,636	211.0	26.0	200.2	211.1	1.	Diseases of heart (I00-I09, I11, I13, I20-I51)	2,911	111.3	21.3	161.9	162.3
2.	Malignant neoplasms (C00-C97)	559,888	187.0	23.1	180.7	183.8	2.	Malignant neoplasms (C00-C97)	2,600	99.4	19.1	139.7	139.2
3.	Cerebrovascular diseases (I60-I69)	137,119	45.8	5.7	43.6	46.6	3.	Unintentional injuries (V01-X59, Y85-Y86)	679	26.0	5.0	29.7	32.7
4.	Chronic lower respiratory diseases (J40-J47)	124,583	41.6	5.1	40.5	43.2	4.	Cerebrovascular diseases (I60-I69)	665	25.4	4.8	37.5	45.0
5.	Unintentional injuries (V01-X59, Y85-Y86)	121,599	40.6	5.0	39.8	39.1	5.	Chronic lower respiratory diseases (J40-J47)	589	22.5	4.3	33.0	34.1
6.	Diabetes mellitus (E10-E14)	72,449	24.2	3.0	23.3	24.6	6.	Diabetes mellitus (E10-E14)	493	18.9	3.6	26.9	30.5
7.	Alzheimers disease (G30)	72,432	24.2	3.0	22.6	22.9	7.	Alzheimers disease (G30)	388	14.8	2.8	22.4	21.5
8.	Influenza and pneumonia (J10-J18)	56,326	18.8	2.3	17.8	20.3	8.	Intentional self-harm (suicide) (*U03, X60-X84, Y87.0)	357	13.7	2.6	15.4	14.8
9.	Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	45,344	15.1	1.9	14.5	14.3	9.	Influenza and pneumonia (J10-J18)	343	13.1	2.5	19.0	18.8
10.	Septicemia (A40-A41)	34,234	11.4	1.4	11.0	11.2	10.	Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	206	7.9	1.5	11.3	9.9
11.	Intentional self-harm (suicide) (*U03, X60-X84, Y87.0)	33,300	11.1	1.4	10.9	10.9	11.	Parkinson's disease (G20-G21)	168	6.4	1.2	9.7	11.8
12.	Chronic liver disease and cirrhosis (K70, K73-K74)	27,555	9.2	1.1	8.8	9.0	12.	Chronic liver disease and cirrhosis (K70, K73-K74)	133	5.1	1.0	6.7	6.8
13.	Essential (primary) hypertension and hypertensive renal disease (I10, I12)	23,855	8.0	1.0	7.5	8.0	13.	Certain conditions originating in the perinatal period (P00-P96)	121	4.6	0.9	3.2	2.6
14.	Parkinson's disease (G20-G21)	19,566	6.5	0.8	6.3	6.4	14.	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	117	4.5	0.9	3.7	3.7
15.	Assault (homicide)	18,573	6.2	0.8	6.2	6.1	15.	Essential (primary) hypertension and hypertensive renal disease (I10, I12)	111	4.2	0.8	6.3	5.8
	All other causes	447,805	149.6	18.5	- -	- -		All other causes	3,764	143.9	27.7	186.4	189.3

This table compares Utah final data with U.S. provisional death data.
Death rates are per 100,000 population.
The Utah mid-year population projection total for 2006 is 2,615,129.
The Utah mid-year population projection total for 2005 is 2,547,389.
The Utah population for age adjusted rates is based on the mid-year total population and is grouped by age and recalculated.
Source for U.S. death numbers for 2006: National Center for Health Statistics, Centers for Disease Control; Table 10. "Number of deaths from 113 selected causes and Enterocolitis due to Clostridium difficile, by age: United States, 2006"; Deaths: Final Data for 2006 , Vol. 57, No. 14, April 17, 2009; National Vital Statistics Report series.

Source for U.S. death rates, and age adjusted rates: National Center for Health Statistics, Centers for Disease Control; Table 9. "Death rates by age and age-adjusted death rates for the 15 leading causes of death in 2006: United States, 1999-2006"; Deaths: Final Data for 2006 , Vol. 57, No. 14, April 17, 2009; National Vital Statistics Report series.
Source for U.S. death numbers, rates, and age adjusted rates FOR 2005: National Center for Health Statistics, Centers for Disease Control; Table B. "Deaths and death rates for 2006 and age-adjusted death rates and percent changes in age-adjusted rates from 2005 to 2006 for the 15 leading causes of death: United States, final 2005 and preliminary 2006"; "Deaths: Preliminary Data for 2006, Vol. 56, No. 16, June 11, 2008; National Vital Statistics Report series.

Table 19. Deaths and death rates by selected causes, residents: Utah, 2005-2008

Cause of Death 10th Rev. International Classification of Diseases	2005		2006		2007		2008	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total	13,230	523.1	13,645	521.8	13,988	518.2	13,920	504.8
Septicemia A40-A41	87	3.4	109	4.2	111	4.1	129	4.7
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	47	1.8	44	1.7	25	0.9	43	1.6
Human immunodeficiency virus (HIV) disease B20-B24	14	0.5	27	1.0	21	0.8	20	0.7
Malignant neoplasms C00-C97	2,512	98.6	2,600	99.4	2,547	94.3	2,478	89.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior D00-D48	89	3.5	87	3.3	76	2.8	88	3.2
Diabetes mellitus, E10-E14	539	21.2	493	18.9	544	20.2	468	17.0
Parkinson's disease, G20-G21	198	7.8	168	6.4	158	5.9	178	6.5
Alzheimer's disease, G30	364	14.3	388	14.8	389	14.4	406	14.7
Diseases of heart I00-I09,I11,I13,I20-I51	2,845	111.7	2,911	111.3	2,958	109.6	2,823	102.4
Cerebrovascular diseases I60-I69	781	30.7	665	25.4	725	26.9	739	26.8
Atherosclerosis I70	55	2.2	55	2.1	42	1.6	35	1.3
Other diseases of the circulatory system I71-I78	110	4.3	127	4.9	120	4.4	98	3.6
Aortic aneurysm and dissection, I71	72	2.8	78	3.0	67	2.5	53	1.9
Other diseases of arteries, arterioles and capillaries, I72-I78	38	1.5	49	1.9	53	2.0	45	1.6
Essential (primary) hypertension and hypertensive renal disease I10, I12	100	3.9	111	4.2	138	5.1	108	3.9
Influenza and pneumonia J10-J18	330	13.0	343	13.1	312	11.6	341	12.4
Chronic lower respiratory diseases J40-J47	592	23.2	589	22.5	615	22.8	636	23.1
Pneumonitis due to solids and liquids J69	80	3.1	94	3.6	90	3.3	87	3.2
Chronic liver disease and cirrhosis K70, K73-K74	129	5.1	133	5.1	140	5.2	127	4.6
Nephritis, nephrotic syndrome, and nephrosis N00-N07,N17-N19, N25-N27	173	6.8	206	7.9	219	8.1	212	7.7
Certain conditions originating in the perinatal period P00-P96	95	3.7	121	4.6	115	4.3	118	4.3
Congenital malformations, deformations and chromosomal abnormalities Q00-Q99	114	4.5	117	4.5	138	5.1	112	4.1
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified R00-R99	661	25.9	751	28.7	751	27.8	886	32.1
Transport accidents V01-V99, Y85	326	12.8	339	13.0	312	11.6	313	11.3
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	307	12.1	315	12.0	294	10.9	284	10.3
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	8	0.3	7	0.3	4	0.1	6	0.2
Water, air and space, and other and unspecified transport accidents and their sequelae V90-V99, Y85	11	0.4	17	0.7	14	0.5	23	0.8
Nontransport accidents W00-X59, Y86	389	15.3	340	13.0	457	16.9	521	18.9
Intentional self-harm (suicide) *U03, X60-X84, Y87.0	344	13.5	357	13.7	368	13.6	384	13.9
Assault (homicide) *U01-*U02, X85-Y09, Y87.1	62	2.4	46	1.8	64	2.4	46	1.7
All other causes	2,289	89.9	2,425	92.7	2,241	83.0	2524	91.5

Rates for deaths are per 100,000 population.

Table 20. Expected years of life lost and working years of life lost by selected underlying cause of death, residents: Utah, 2008

Cause of Death International Classification of Disease (Tenth Revision)	Expected years of life lost						Working years of life lost					
	Total		Male		Female		Total		Male		Female	
	Years	Percent	Years	Percent	Years	Percent	Years	Percent	Years	Percent	Years	Percent
TOTAL	239,234	100.0	135,622	100.0	103612	100.0	81,741	100.0	52,418	100.0	29,323	100.0
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	44,271	18.5	25,053	18.5	19,218	18.5	7,883	9.6	5,489	10.5	2,394	8.2
MALIGNANT NEOPLASMS (C00-C97)	40,716	17.0	20,941	15.4	19,775	19.1	9,278	11.4	4,725	9.0	4,553	15.5
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	8,189	3.4	5,847	4.3	2,342	2.3	5,162	6.3	3,692	7.0	1,470	5.0
NON-MOTOR VEHICLE ACCIDENTS (W00-X59, Y86)	17,799	7.4	12,093	8.9	5,706	5.5	9,907	12.1	7,136	13.6	2,771	9.4
PNEUMONIA & INFLUENZA (J10-J18)	3,966	1.7	1,985	1.5	1,981	1.9	854	1.0	532	1.0	322	1.1
CONDITIONS ORIGINATING IN THE PERINATAL PERIOD & SIDS (P00-P96, R95)	10,041	4.2	5,908	4.4	4,133	4.0	6,433	7.9	3,842	7.3	2,591	8.8
SUICIDE (X60-X84, Y87.0)	14,569	6.1	11,894	8.8	2,675	2.6	8,800	10.8	7,284	13.9	1,516	5.2
DIABETES MELLITUS (E10-E14)	7,010	2.9	3,765	2.8	3,245	3.1	1,483	1.8	831	1.6	652	2.2
CONGENITAL ANOMALIES (Q00-Q99)	6,987	2.9	3,741	2.8	3,246	3.1	4,281	5.2	2,373	4.5	1,908	6.5
CHRONIC LIVER DISEASE & CIRRHOSIS (K70, K73-K74)	3,087	1.3	2,080	1.5	1,007	1.0	1,094	1.3	789	1.5	305	1.0
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	7,851	3.3	4,198	3.1	3,653	3.5	835	1.0	430	0.8	405	1.4
ALL OTHER CAUSES	74,747	31.2	38,117	28.1	36,630	35.4	25,731	31.5	15,295	29.2	10,436	35.6

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

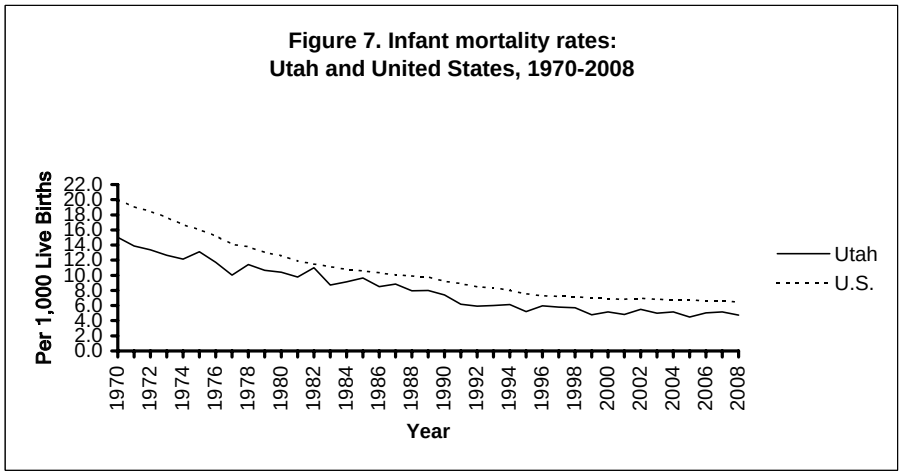

Table 21: Infant mortality rates by age at death, residents: Utah, 1970-2008

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

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

Table 22. Deaths by local health district and county of residence: Utah, 1990 and 1995-2008

Health district and county	Year														
	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	9,125	10,854	10,974	11,545	11,784	11,981	12,339	12,607	13,042	13,341	13,270	13,325	13,645	13,988	13,920
Bear River	561	627	596	683	646	696	737	699	745	755	728	715	708	761	731
Box Elder	208	250	236	272	258	267	279	297	303	293	295	298	281	314	284
Cache	340	371	351	394	382	410	447	394	425	450	417	409	410	434	431
Rich	13	6	9	17	6	19	11	8	17	12	16	8	17	13	16
Central Utah	424	473	489	495	513	503	508	523	511	587	577	526	560	564	543
Juab	43	51	51	59	66	56	56	52	50	68	75	71	55	68	74
Millard	89	91	102	99	99	108	90	114	117	119	110	104	102	99	86
Piute	12	12	14	17	24	9	15	15	21	18	19	11	17	19	16
Sanpete	125	143	153	158	130	147	164	165	174	175	180	166	166	159	163
Sevier	137	145	149	141	169	160	164	157	137	183	173	156	198	195	181
Wayne	18	31	20	21	25	23	19	20	12	24	20	18	22	24	23
Davis	667	828	858	912	1,044	1,022	1,094	1,100	1,212	1,204	1,206	1,267	1,284	1,368	1,371
Salt Lake	3,847	4,583	4,736	4,802	4,817	4,962	5,019	5,144	5,220	5,312	5,285	5,252	5,291	5,437	5,369
Southeastern	347	392	324	404	384	393	379	428	407	479	409	383	414	456	476
Carbon	158	203	164	205	197	183	185	200	186	238	202	174	189	213	232
Emery	65	72	54	80	56	78	61	76	79	80	72	83	73	89	102
Grand	54	53	53	62	63	61	58	71	74	66	58	62	77	67	70
San Juan	70	64	53	57	68	71	75	81	68	95	77	64	75	87	72
Southwest	605	776	824	877	983	992	1,000	985	1,094	1,113	1,148	1,212	1,329	1,263	1,284
Beaver	47	48	45	63	50	57	62	45	59	65	61	78	51	62	47
Garfield	32	31	32	32	52	42	49	43	45	41	33	38	35	38	41
Iron	107	149	144	168	184	170	147	163	199	199	193	216	255	262	269
Kane	42	43	58	42	60	53	70	54	54	42	62	48	71	80	57
Washington	377	505	545	572	637	670	672	680	737	766	799	832	917	821	870
Summit	58	71	82	59	92	94	84	100	89	97	102	105	108	130	131
Tooele	147	184	164	199	198	215	230	202	235	255	259	252	265	263	260
TriCounty	193	245	251	270	232	248	271	291	308	316	315	283	309	319	311
Daggett	4	3	3	6	6	2	0	7	3	6	1	4	4	8	3
Duchesne	65	95	101	100	90	79	101	114	118	113	126	108	115	115	112
Uintah	124	147	147	164	136	167	170	170	187	197	188	171	190	196	196
Utah County	1,104	1,367	1,369	1,422	1,516	1,459	1,546	1,610	1,710	1,736	1,696	1,731	1,836	1,853	1,888
Wasatch	63	87	77	80	75	77	79	87	114	87	86	110	92	87	100
Weber-Morgan	1,109	1,221	1,204	1,342	1,284	1,320	1,392	1,438	1,397	1,400	1,459	1,489	1,449	1,487	1,456
Morgan	34	32	31	34	24	29	26	24	34	40	41	29	29	47	48
Weber	1,075	1,189	1,173	1,308	1,260	1,291	1,366	1,414	1,363	1,360	1,418	1,460	1,420	1,440	1,408

Table 23. Deaths and percent of deaths by selected causes, Hispanic all races and Non-Hispanic origin, residents: Utah, 2008

Cause of Death 10th Rev. International Classification of Diseases	Total		Hispanic origin		Non-Hispanic origin	
	Number	Percent	Number	Percent	Number	Percent
Total	13,920	100.0	652	100.0	13,268	100.0
Septicemia A40-A41	129	0.9	5	0.8	124	0.9
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	43	0.3	6	0.9	37	0.3
Human immunodeficiency virus (HIV) disease B20-B24	20	0.1	4	0.6	16	0.1
Malignant neoplasms C00-C97	2,478	17.8	101	15.5	2,377	17.9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior D00-D48	88	0.6	1	0.2	87	0.7
Diabetes mellitus E10-E14	468	3.4	24	3.7	444	3.3
Parkinson's disease G20-G21	178	1.3	2	0.3	176	1.3
Alzheimer's disease G30	406	2.9	5	0.8	401	3.0
Diseases of heart I00-I09, I11, I13, I20-I51	2,823	20.3	86	13.2	2,737	20.6
Cerebrovascular diseases I60-I69	739	5.3	27	4.1	712	5.4
Atherosclerosis I70	35	0.3	0	0.0	35	0.3
Other diseases of the circulatory system I71-I78	98	0.7	6	0.9	92	0.7
Aortic aneurysm and dissection I71	53	0.4	3	0.5	50	0.4
Other diseases of arteries, arterioles and capillaries I72-I78	45	0.3	3	0.5	42	0.3
Essential (primary) hypertension and hypertensive renal disease I10, I12	108	0.8	1	0.2	107	0.8
Influenza and pneumonia J10-J18	341	2.4	20	3.1	321	2.4
Chronic lower respiratory diseases J40-J47	636	4.6	19	2.9	617	4.7
Pneumonitis due to solids and liquids J69	87	0.6	2	0.3	85	0.6
Chronic liver disease and cirrhosis K70, K73-K74	127	0.9	19	2.9	108	0.8
Nephritis, nephrotic syndrome, and nephrosis N00-N07, N17-N19, N25-N27	212	1.5	16	2.5	196	1.5
Congenital malformations, deformations and chromosomal abnormalities Q00-Q99	112	0.8	20	3.1	92	0.7
Certain conditions originating in the perinatal period P00-P96	118	0.8	24	3.7	94	0.7
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified R00-R99	886	6.4	33	5.1	853	6.4
Transport accidents V01-V99, Y85	313	2.2	46	7.1	267	2.0
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	284	2.0	44	6.7	240	1.8
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	6	0.0	1	0.2	5	0.0
Water, air and space, and other and unspecified transport accidents and their sequelae V90-V99, Y85	23	0.2	1	0.2	22	0.2
Nontransport accidents W00-X59, Y86	521	3.7	29	4.4	492	3.7
Intentional self-harm (suicide) *U03, X60-X84, Y87.0	384	2.8	30	4.6	354	2.7
Assault (homicide) *U01-*U02, X85-Y09, Y87.1	46	0.3	12	1.8	34	0.3
All other causes	2524	18.1	114	17.5	2,410	18.2

Rates are not calculated for numbers less than 7.
The 2008 total mid-year population is 2,757,779.

Table 24. Deaths and percent of deaths by age, Hispanic all races and Non-Hispanic origin, residents: Utah, 2008

	Total		Hispanic		Non-Hispanic	
Age at death	Number	Percent	Number	Percent	Number	Percent
Total all ages	13,920	100.0	652	100.0	13,268	100.0
Under 1	264	1.9	54	8.3	210	1.6
1-4	57	0.4	8	1.2	49	0.4
5-14	77	0.6	14	2.1	63	0.5
15-24	277	2.0	33	5.1	244	1.8
25-34	423	3.0	44	6.7	379	2.9
35-44	488	3.5	48	7.4	440	3.3
45-54	1,072	7.7	81	12.4	991	7.5
55-64	1,463	10.5	70	10.7	1,393	10.5
65-74	1,994	14.3	92	14.1	1,902	14.3
75 and over	7,805	56.1	208	31.9	7,597	57.3

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

Type of violence	Utah Number 2006	Utah Number 2007	Utah Number 2008	Utah Rate 2006	Utah Rate 2007	Utah Rate 2008	Utah Age Adjusted Rate 2008	U.S. Rate 2006	U.S. Rate 2007	U.S. Rate 2008
Unnatural causes *U01-*U03, V01-Y89	1,430	1,574	1,533	54.7	58.3	55.6	62.6	N.A.	N.A.	N.A.
Unintentional Injuries V01-X59, Y85-Y86	679	769	834	26.0	28.5	30.2	35.3	40.6	N.A.	N.A.
Transport accidents V01-V99, Y85	339	312	313	13.0	11.6	11.3	11.9	16.2	N.A.	N.A.
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	315	294	284	12.0	10.9	10.3	10.8	15.1	N.A.	N.A.
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	7	4	6	0.3	0.1	0.2	0.2	0.4	N.A.	N.A.
Water, air and space and other and unspecified transport accidents and their sequelae V90-V94, V95-V97, V98-V99, Y85	17	14	23	0.7	0.5	0.8	0.9	0.6	N.A.	N.A.
All other unintentional injuries W00-W99, X00-X59, Y86	340	457	521	13.0	16.9	18.9	23.4	24.4	N.A.	N.A.
Suicide (intentional injuries) *U03, X60-X84, Y87.0	357	368	384	13.7	13.6	13.9	14.8	11.1	N.A.	N.A.
Homicide (assault) *U01-*U02, X85-Y09, Y87.1	46	64	46	1.8	2.4	1.7	1.7	6.2	N.A.	N.A.
All other unnatural causes Y10-Y34, Y87.2, Y89.9, Y35, Y89.0, Y40-Y84, Y88	348	373	269	13.3	13.8	9.8	10.8	N.A.	N.A.	N.A.

Rates for deaths are per 100,000 population.
Source for U.S. death rates: National Center for Health Statistics, Centers for Disease Control; Table 11. "Death rates for 113 selected causes and Enterocolitis due to Clostridium difficile, by age: United States, 2006"; "Deaths: Final Data for 2006, Vol. 57, No. 14; April 17, 2009; National Vital Statistics Report series.

Table 26. Deaths and age-adjusted death rates from unnatural causes, residents: Utah and United States, 2006-2008

Type of violence	Utah						U.S.		
	Number			Age-adjusted rate			U.S. age-adjusted rate		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Unnatural causes *U01-*U03, V01-Y89	1430	1,574	1,533	61.4	65.3	62.6	N.A.	N.A.	N.A.
Unintentional Injuries V01-X59, Y85-Y86	679	769	834	29.7	33.4	35.3	39.8	N.A.	N.A.
Transport accidents V01-V99, Y85	339	312	313	13.9	12.1	11.9	16.0	N.A.	N.A.
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	315	294	284	12.9	11.4	10.8	15.0	N.A.	N.A.
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	7	4	6	0.3	0.2	0.2	0.4	N.A.	N.A.
Water, air and space and other and unspecified transport accidents and their sequelae V90-V94, V95-V97, V98-V99, Y85	17	14	23	0.7	0.5	0.9	0.6	N.A.	N.A.
All other unintentional injuries W00-W99, X00-X59, Y86	340	457	521	15.6	21.3	23.4	23.8	N.A.	N.A.
Suicide (intentional injuries) *U03, X60-X84, Y87.0	357	368	384	15.4	14.7	14.8	10.9	N.A.	N.A.
Homicide (assault) *U01-*U02, X85-Y09, Y87.1	46	64	46	1.8	2.2	1.7	6.2	N.A.	N.A.
All other unnatural causes Y10-Y34, Y87.2, Y89.9, Y35, Y89.0, Y40-Y84, Y88	348	373	269	14.4	14.9	10.8	N.A.	N.A.	N.A.

Rates for deaths are per 100,000 population.
Source for U.S. age-adjusted death rates: National Center for Health Statistics, Centers for Disease Control; Table 16. "Age-adjusted death rates for 113 selected causes and Enterocolitis due to Clostridium difficile, by race and sex: United States, 2006"; "Deaths: Final Data for 2006, Vol. 57, No. 14; April 17, 2009; National Vital Statistics Report series.

Table 27. Deaths due to suicide by age, gender and year, residents: Utah, 1990-2008

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

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

Table 28. Pregnancies, pregnancy rates and populations by specific age groups, residents: Utah, 1990, 1995 and 2000-2008

Pregnancies, live births, fetal deaths, abortions, and pregnancy rates, and female population projections	Population projections for females ages 15 to 44	All Ages	Ages			
			Under 15	15 to 19		
				Total	15-17	18-19
1990 Pregnancies		40,580	73	4,664	1,495	3,169
Births		36,253	41	3,677	1,145	2,532
Fetal Deaths		168	1	17	6	11
Abortions		4,159	31	970	344	626
1990 Pregnancy rate		102.5	0.8	60.7	33.7	97.5
1990 Population projections	395,807		89,072	76,809	44,299	32,510
1995 Pregnancies		43,071	70	4,842	1,697	3,145
Births		39,554	57	4,219	1,488	2,731
Fetal Deaths		225	0	19	6	13
Abortions		3,292	13	604	203	401
1995 Pregnancy rate		90.6	0.8	50.0	29.5	80.2
1995 Population projections	475,165		92,055	96,751	57,555	39,196
2000 Pregnancies		50,857	75	4,743	1,473	3,270
Births		47,331	38	4,145	1,271	2,874
Fetal Deaths		247	0	22	9	13
Abortions		3,279	37	576	193	383
2000 Pregnancy rate		96.2	0.8	43.9	24.7	67.5
2000 Population projections	528,501		93,835	108,103	59,646	48,457
2002 Pregnancies		52,686	45	4,117	1,156	2,961
Births		49,140	33	3,579	998	2,581
Fetal Deaths		246	0	34	11	23
Abortions		3,300	12	504	147	357
2002 Pregnancy rate		96.1	0.5	38.8	20.0	61.3
2002 Population projections	548,463		95,253	105,998	57,730	48,268
2004 Pregnancies		54,297	39	3,737	1,010	2,727
Births		50,653	29	3,207	854	2,353
Fetal Deaths		265	0	23	8	15
Abortions		3,379	10	507	148	359
2004 Pregnancy rate		95.9	0.4	35.6	17.5	57.7
2004 Population projections	566,195		95,993	104,849	57,623	47,226
2006 Pregnancies		56,999	40	4,027	1,153	2,874
Births		53,475	26	3,493	981	2,512
Fetal Deaths		245	2	22	9	13
Abortions		3,279	12	512	163	349
2006 Pregnancy rate		96.4	0.4	37.6	19.2	60.9
2006 Population projections	591,473		98,826	107,209	60,026	47,183
2007 Pregnancies		58,836	42	4,356	1,295	3,061
Births		55,063	26	3,769	1,133	2,636
Fetal Deaths		257	0	14	6	8
Abortions		3,516	16	573	156	417
2007 Pregnancy rate		97.0	0.4	40.0	21.2	63.8
2007 Population projections	606,838		101,514	109,021	61,060	47,961
2008 Pregnancies		59,425	44	4,334	1,298	3,036
Births		55,605	32	3,745	1,122	2,623
Fetal Deaths		310	0	31	9	22
Abortions		3,510	12	558	167	391
2008 Pregnancy rate		95.5	0.4	39.1	21.0	61.8
2008 Population projections	622,469		104,841	110,841	61,727	49,114

Rates for pregnancies include live births, fetal deaths, and abortions and are per 1,000 female age-group population.
Rates for pregnancies for the age group under 15 are based on the population age group 10-14.
Pregnancies in this report are defined as the total of births, fetal deaths of 20 weeks or more gestation, and induced abortions. Spontaneous terminations at less than 20 weeks gestation are excluded, as they are not reportable vital events.
Population and vital records data are updated in summary tables each year and may not agree with prior reports in this series.
Source for Utah female population 15-44 years of age for years 2000-2008: Demographic and Economic Analysis, Govenor's Office of Planning and Budget; Detailed demographic and economic projections; Table. Poulation by area, gender, and five-year age groups; website: http://www.governor.utah.gov/dea/projections.html (August 8, 2009).
Source for population data by age for years 1990-1999: Utah Population Estimates Committee (UPEC) and the Governor's Office of Planning and Budget (GOPB), 2008 Baseline Economic and Demographic Projections (Revised on 7-23-2008).

2008 Reference Tables:

Births and Deaths

Table A1. Births by health district, county of occurrence, gender, attendant and hospital delivery: Utah, 2008

Health district and county	Total	Gender		Attended by			Hospital delivery
		Male	Female	Physician	Midwife	Certified nurse midwife	
Total	56,788	29,134	27,654	51,121	738	4,832	55,524
Bear River	3,305	1,633	1,672	3,172	31	97	3,270
Box Elder	505	249	256	432	8	64	496
Cache	2,800	1,384	1,416	2,740	23	33	2,774
Rich	0	0	0	0	0	0	0
Central Utah	989	491	498	857	32	97	954
Juab	198	102	96	178	20	0	178
Millard	165	72	93	158	6	0	158
Piute	0	0	0	0	0	0	0
Sanpete	362	184	178	357	4	0	357
Sevier	263	133	130	164	1	97	261
Wayne	1	0	1	0	1	0	0
Davis	2,894	1,460	1,434	2,452	49	389	2,841
Salt Lake	23,775	12,327	11,448	21,633	218	1,882	23,422
Southeastern	671	372	299	659	12	0	658
Carbon	404	228	176	403	1	0	403
Emery	7	4	3	0	7	0	0
Grand	100	52	48	98	2	0	98
San Juan	160	88	72	158	2	0	157
Southwest	4,420	2,262	2,158	3,785	114	514	3,967
Beaver	90	53	37	88	1	0	88
Garfield	31	19	12	23	0	8	31
Iron	1,036	537	499	824	37	174	998
Kane	87	40	47	84	3	0	84
Washington	3,176	1,613	1,563	2,766	73	332	2,766
Summit	5	3	2	1	4	0	0
Tooele	495	240	255	366	6	121	487
TriCounty	1,028	528	500	1,017	8	0	1,017
Daggett	0	0	0	0	0	0	0
Duchesne	587	301	286	583	3	0	583
Uintah	441	227	214	434	5	0	434
Utah County	12,074	6,186	5,888	10,952	234	865	11,814
Wasatch	273	135	138	267	5	0	267
Weber-Morgan	6,859	3,497	3,362	5,960	25	867	6,827
Morgan	0	0	0	0	0	0	0
Weber	6,859	3,497	3,362	5,960	25	867	6,827

Table A2. Births by health district, county of residence of mother, gender, number born and birth order: Utah, 2008

Health district and county	Total	Gender		Single and multiple		Birth order						
		Male	Female	Single	Multiple	First	Second	Third	Fourth	Fifth	Sixth and higher	Not stated
Total	55,605	28,509	27,096	53,882	1,723	18,470	15,637	11,086	6,135	2,483	1,711	83
Bear River	3,513	1,730	1,783	3,407	106	1,220	972	682	381	164	91	3
Box Elder	960	476	484	932	28	307	242	209	120	51	28	3
Cache	2,513	1,231	1,282	2,435	78	901	715	466	256	112	63	0
Rich	40	23	17	40	0	12	15	7	5	1	0	0
Central Utah	1,281	645	636	1,255	26	341	358	276	171	81	53	1
Juab	229	113	116	217	12	61	55	47	28	24	14	0
Millard	205	96	109	199	6	49	67	38	29	13	9	0
Piute	22	10	12	22	0	7	2	8	4	0	1	0
Sanpete	443	237	206	441	2	121	117	97	62	27	18	1
Sevier	336	169	167	331	5	93	106	70	45	13	9	0
Wayne	46	20	26	45	1	10	11	16	3	4	2	0
Davis	6,202	3,199	3,003	5,992	210	1,891	1,786	1,358	715	268	177	7
Salt Lake	19,591	10,087	9,504	18,945	646	6,857	5,727	3,720	1,933	731	570	53
Southeastern	866	469	397	848	18	282	237	172	96	46	31	2
Carbon	324	166	158	318	6	113	106	55	33	14	3	0
Emery	192	118	74	186	6	56	46	40	29	7	14	0
Grand	125	65	60	121	4	48	31	31	8	4	3	0
San Juan	225	120	105	223	2	65	54	46	26	21	11	2
Southwest	3,974	2,062	1,912	3,860	114	1,190	1,047	802	478	241	215	1
Beaver	132	77	55	122	10	39	44	24	16	7	2	0
Garfield	62	27	35	60	2	14	18	15	6	5	4	0
Iron	969	518	451	947	22	337	271	175	105	47	34	0
Kane	94	45	49	94	0	27	27	18	7	5	10	0
Washington	2,717	1,395	1,322	2,637	80	773	687	570	344	177	165	1
Summit	506	262	244	486	20	196	164	90	38	9	9	0
Tooele	1,099	570	529	1,067	32	325	317	227	139	60	29	2
TriCounty	1,078	540	538	1,046	32	337	306	224	140	36	30	5
Daggett	11	4	7	11	0	4	2	2	1	2	0	0
Duchesne	422	213	209	412	10	120	117	89	63	20	10	3
Uintah	645	323	322	623	22	213	187	133	76	14	20	2
Utah County	12,506	6,397	6,109	12,109	397	4,089	3,279	2,524	1,535	675	402	2
Wasatch	433	211	222	419	14	120	128	101	51	23	10	0
Weber-Morgan	4,556	2,337	2,219	4,448	108	1,622	1,316	910	458	149	94	7
Morgan	145	74	71	143	2	30	29	38	27	15	6	0
Weber	4,411	2,263	2,148	4,305	106	1,592	1,287	872	431	134	88	7

Table A3. Births by health district, county of residence of mother and month of occurrence: Utah, 2008

Health district and county	Total	Month of occurrence											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	55,605	4,405	4,388	4,692	4,616	4,956	4,981	5,126	4,872	4,751	4,458	3,990	4,370
Bear River	3,513	263	287	305	308	286	313	317	285	312	287	245	305
Box Elder	960	79	64	86	79	80	83	84	90	93	71	65	86
Cache	2,513	184	217	214	224	201	228	229	192	216	212	177	219
Rich	40	0	6	5	5	5	2	4	3	3	4	3	0
Central Utah	1,281	97	112	96	108	116	121	112	100	133	99	81	106
Juab	229	24	26	18	23	15	24	20	15	26	14	14	10
Millard	205	8	19	17	18	16	24	20	19	11	17	16	20
Piute	22	3	3	0	3	4	2	0	1	2	2	0	2
Sanpete	443	34	42	33	38	44	35	34	30	51	36	28	38
Sevier	336	24	19	25	24	32	34	33	29	37	27	20	32
Wayne	46	4	3	3	2	5	2	5	6	6	3	3	4
Davis	6,202	468	474	516	545	548	548	595	557	508	537	425	481
Salt Lake	19,591	1,552	1,574	1,630	1,588	1,769	1,792	1,803	1,760	1,666	1,551	1,420	1,486
Southeastern	866	72	70	65	67	63	88	72	87	84	70	53	75
Carbon	324	20	26	27	22	15	30	23	34	39	32	24	32
Emery	192	19	19	10	14	22	18	17	17	20	9	9	18
Grand	125	8	9	4	13	12	11	10	14	7	14	8	15
San Juan	225	25	16	24	18	14	29	22	22	18	15	12	10
Southwest	3,974	323	315	337	358	347	338	342	345	350	317	293	309
Beaver	132	6	15	12	18	14	10	8	8	12	7	9	13
Garfield	62	5	1	6	9	6	4	4	6	6	5	3	7
Iron	969	72	78	94	86	92	90	66	86	89	69	66	81
Kane	94	5	11	7	10	2	7	12	10	11	1	7	11
Washington	2,717	235	210	218	235	233	227	252	235	232	235	208	197
Summit	506	29	31	45	45	41	45	46	47	41	41	46	49
Tooele	1,099	84	100	96	100	112	97	93	76	94	89	73	85
TriCounty	1,078	81	76	89	86	101	105	107	77	97	84	77	98
Daggett	11	0	3	0	1	1	1	1	1	2	0	0	1
Duchesne	422	28	32	39	35	43	42	39	34	34	32	36	28
Uintah	645	53	41	50	50	57	62	67	42	61	52	41	69
Utah County	12,506	1,035	952	1,085	988	1,158	1,116	1,194	1,084	1,054	955	903	982
Wasatch	433	33	35	29	39	34	36	53	39	41	28	35	31
Weber-Morgan	4,556	368	362	399	384	381	382	392	415	371	400	339	363
Morgan	145	13	11	13	11	19	11	12	11	9	15	6	14
Weber	4,411	355	351	386	373	362	371	380	404	362	385	333	349

Table A4. Births by health district, county of residence and age of mother: Utah, 2008

Health district and county	Total	Age: Under 15	15 to 19: Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
Total	55,605	32	3,745	1,122	2,623	14,568	19,624	12,421	4,368	789	56	2
Bear River	3,513	2	213	57	156	1,039	1,245	738	244	30	2	0
Box Elder	960	2	93	28	65	259	339	198	62	7	0	0
Cache	2,513	0	117	27	90	770	894	526	181	23	2	0
Rich	40	0	3	2	1	10	12	14	1	0	0	0
Central Utah	1,281	2	118	35	83	403	392	246	96	24	0	0
Juab	229	0	22	10	12	59	72	43	25	8	0	0
Millard	205	2	15	3	12	67	69	35	12	5	0	0
Piute	22	0	2	1	1	8	7	4	1	0	0	0
Sanpete	443	0	38	10	28	148	129	84	35	9	0	0
Sevier	336	0	37	11	26	115	99	67	16	2	0	0
Wayne	46	0	4	0	4	6	16	13	7	0	0	0
Davis	6,202	1	330	84	246	1,368	2,377	1,562	473	89	2	0
Salt Lake	19,591	15	1,487	497	990	4,668	6,677	4,620	1,772	326	24	2
Southeastern	866	1	92	26	66	287	281	131	59	13	2	0
Carbon	324	0	34	10	24	111	117	47	12	3	0	0
Emery	192	1	21	6	15	54	73	28	10	4	1	0
Grand	125	0	14	3	11	38	32	19	19	3	0	0
San Juan	225	0	23	7	16	84	59	37	18	3	1	0
Southwest	3,974	2	265	62	203	1,201	1,380	790	279	51	6	0
Beaver	132	0	11	2	9	44	46	25	6	0	0	0
Garfield	62	0	7	1	6	16	16	16	6	1	0	0
Iron	969	1	77	20	57	328	344	155	55	7	2	0
Kane	94	0	12	0	12	18	44	14	5	1	0	0
Washington	2,717	1	158	39	119	795	930	580	207	42	4	0
Summit	506	0	33	14	19	91	119	127	109	24	3	0
Tooele	1,099	0	97	22	75	260	402	255	71	14	0	0
TriCounty	1,078	2	126	29	97	388	346	158	46	12	0	0
Daggett	11	0	0	0	0	5	3	2	1	0	0	0
Duchesne	422	1	55	9	46	135	145	64	18	4	0	0
Uintah	645	1	71	20	51	248	198	92	27	8	0	0
Utah County	12,506	5	504	165	339	3,412	4,710	2,808	902	153	12	0
Wasatch	433	0	27	9	18	89	135	132	41	8	1	0
Weber-Morgan	4,556	2	453	122	331	1,362	1,560	854	276	45	4	0
Morgan	145	0	5	1	4	22	44	53	17	4	0	0
Weber	4,411	2	448	121	327	1,340	1,516	801	259	41	4	0

Table A5. Births by health district, county of residence and race/ethnicity of mother: Utah, 2008

Health district and county	Total	Race/ethnicity of mother: White	Hispanic all races	Black	Native American	Asian and Pacific Islander	Other races	Not stated
Total	55,605	42,603	9,493	535	683	1,848	12	431
Bear River	3,513	2954	454	16	22	63	0	4
Box Elder	960	827	111	3	4	11	0	4
Cache	2,513	2088	343	13	17	52	0	0
Rich	40	39	0	0	1	0	0	0
Central Utah	1,281	1105	152	2	9	12	0	1
Juab	229	218	8	0	0	3	0	0
Millard	205	154	43	1	2	5	0	0
Piute	22	18	4	0	0	0	0	0
Sanpete	443	371	65	0	3	3	0	1
Sevier	336	299	31	1	4	1	0	0
Wayne	46	45	1	0	0	0	0	0
Davis	6,202	5326	592	61	32	149	1	41
Salt Lake	19,591	12974	4,748	352	164	1,062	5	286
Southeastern	866	630	87	3	143	2	0	1
Carbon	324	280	42	0	2	0	0	0
Emery	192	169	21	0	0	2	0	0
Grand	125	99	14	2	10	0	0	0
San Juan	225	82	10	1	131	0	0	1
Southwest	3,974	3256	550	11	88	64	2	3
Beaver	132	105	23	0	3	1	0	0
Garfield	62	56	3	0	2	0	0	1
Iron	969	837	88	4	29	10	0	1
Kane	94	91	3	0	0	0	0	0
Washington	2,717	2167	433	7	54	53	2	1
Summit	506	332	153	1	1	11	0	8
Tooele	1,099	923	128	4	9	19	0	16
TriCounty	1,078	897	75	3	96	5	0	2
Daggett	11	11	0	0	0	0	0	0
Duchesne	422	363	31	2	23	3	0	0
Uintah	645	523	44	1	73	2	0	2
Utah County	12,506	10493	1,481	39	74	374	3	42
Wasatch	433	339	80	0	2	5	1	6
Weber-Morgan	4,556	3374	993	43	43	82	0	21
Morgan	145	141	3	1	0	0	0	0
Weber	4,411	3233	990	42	43	82	0	21

Hispanic births are not distributed by race.

Table A6. Births by health district, county of residence of mother and birthweight of infant: Utah, 2008

Health district and county	Total	Birthweight in grams: Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Un-known
Total	55,605	281	296	700	2,507	10,500	22,860	14,777	3,288	387	9
Bear River	3,513	16	14	45	132	657	1,494	923	213	19	0
Box Elder	960	5	2	7	34	193	415	248	53	3	0
Cache	2,513	11	12	38	96	452	1,064	666	158	16	0
Rich	40	0	0	0	2	12	15	9	2	0	0
Central Utah	1,281	4	6	9	82	290	508	319	55	8	0
Juab	229	0	2	3	17	51	80	60	15	1	0
Millard	205	0	0	3	13	46	88	45	8	2	0
Piute	22	0	0	0	0	5	10	4	2	1	0
Sanpete	443	0	3	0	24	98	173	123	20	2	0
Sevier	336	4	1	2	24	83	133	80	8	1	0
Wayne	46	0	0	1	4	7	24	7	2	1	0
Davis	6,202	27	37	84	285	1,178	2,658	1,555	343	33	2
Salt Lake	19,591	120	128	268	958	3,714	7,915	5,177	1,158	149	4
Southeastern	866	4	4	10	44	202	358	199	40	4	1
Carbon	324	4	2	4	21	90	128	61	13	1	0
Emery	192	0	1	1	12	43	81	44	8	2	0
Grand	125	0	0	1	3	20	55	36	9	1	0
San Juan	225	0	1	4	8	49	94	58	10	0	1
Southwest	3,974	13	18	44	164	754	1,665	1,059	232	25	0
Beaver	132	0	1	2	6	29	57	32	5	0	0
Garfield	62	0	0	0	6	15	25	13	3	0	0
Iron	969	7	4	11	34	178	412	255	61	7	0
Kane	94	0	0	0	6	22	39	22	3	2	0
Washington	2,717	6	13	31	112	510	1,132	737	160	16	0
Summit	506	2	2	6	33	124	208	113	15	3	0
Tooele	1,099	4	2	13	55	215	455	277	69	9	0
TriCounty	1,078	11	3	15	66	243	450	239	48	3	0
Daggett	11	0	0	0	2	3	6	0	0	0	0
Duchesne	422	2	2	5	24	86	175	110	17	1	0
Uintah	645	9	1	10	40	154	269	129	31	2	0
Utah County	12,506	48	57	127	446	2,058	5,071	3,718	868	111	2
Wasatch	433	2	2	10	22	86	165	109	30	7	0
Weber-Morgan	4,556	30	23	69	220	979	1,913	1,089	217	16	0
Morgan	145	0	1	4	3	18	69	43	7	0	0
Weber	4,411	30	22	65	217	961	1,844	1,046	210	16	0

Table A7. Births by month prenatal care began by number of prenatal visits, residents: Utah, 2008

Month care began	Total	Number of prenatal visits							
		None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
Total	55,605	283	2,246	10,450	37,197	3,500	511	108	1,310
None	284	283	0	0	0	0	0	0	1
1	866	0	23	94	548	136	50	13	2
2	24,078	0	189	2,434	18,441	2,390	323	55	246
3	19,053	0	273	3,315	14,228	850	108	27	252
4	4,796	0	229	1,686	2,724	89	15	5	48
5	2,671	0	302	1,417	905	20	9	0	18
6	1,240	0	242	766	216	3	0	3	10
7	860	0	315	469	59	1	3	3	10
8	690	0	442	219	21	1	0	2	5
9	238	0	200	16	14	6	1	0	1
Not stated	829	0	31	34	41	4	2	0	717

Table A8. Births by health district, county of residence of mother and month prenatal care began: Utah, 2008

Health district and county	Total	Month prenatal care began										
		None	1	2	3	4	5	6	7	8	9	Not stated
Total	55,605	284	866	24,078	19,053	4,796	2,671	1,240	860	690	238	829
Bear River	3,513	10	37	1,244	1,690	239	122	63	42	42	9	15
Box Elder	960	2	17	522	275	60	37	17	10	9	4	7
Cache	2,513	8	17	713	1,395	173	84	46	32	33	5	7
Rich	40	0	3	9	20	6	1	0	0	0	0	1
Central Utah	1,281	2	31	573	394	109	79	40	27	14	4	8
Juab	229	0	3	106	69	24	14	6	3	2	0	2
Millard	205	1	0	83	75	20	11	10	4	1	0	0
Piute	22	0	0	8	7	4	1	1	1	0	0	0
Sanpete	443	1	15	187	141	31	27	17	9	9	4	2
Sevier	336	0	12	172	84	25	22	6	10	2	0	3
Wayne	46	0	1	17	18	5	4	0	0	0	0	1
Davis	6,202	23	137	3,386	1,772	379	189	89	64	48	18	97
Salt Lake	19,591	154	253	7,864	6,824	1,658	1,082	490	330	314	110	512
Southeastern	866	11	20	260	269	111	81	36	22	25	6	25
Carbon	324	2	0	97	122	43	28	14	8	7	2	1
Emery	192	3	0	43	78	25	18	9	4	10	2	0
Grand	125	1	4	49	31	12	12	4	7	4	0	1
San Juan	225	5	16	71	38	31	23	9	3	4	2	23
Southwest	3,974	8	64	1,472	1,309	634	218	108	74	46	23	18
Beaver	132	0	2	56	43	19	8	1	1	1	0	1
Garfield	62	0	0	18	25	9	7	2	0	0	1	0
Iron	969	2	14	388	399	83	31	19	15	12	4	2
Kane	94	0	2	47	30	10	2	3	0	0	0	0
Washington	2,717	6	46	963	812	513	170	83	58	33	18	15
Summit	506	3	7	202	155	65	32	11	15	3	4	9
Tooele	1,099	3	9	389	418	111	57	23	20	11	7	51
TriCounty	1,078	3	38	523	313	87	45	25	18	13	7	6
Daggett	11	0	0	3	6	1	1	0	0	0	0	0
Duchesne	422	1	8	234	116	21	21	9	4	6	2	0
Uintah	645	2	30	286	191	65	23	16	14	7	5	6
Utah County	12,506	41	129	5,523	4,685	1,035	506	228	165	104	36	54
Wasatch	433	2	5	167	152	38	37	11	7	8	1	5
Weber-Morgan	4,556	24	136	2,475	1,072	330	223	116	76	62	13	29
Morgan	145	1	2	74	50	7	6	2	2	0	0	1
Weber	4,411	23	134	2,401	1,022	323	217	114	74	62	13	28

Table A9. Births by health district, county of residence of mother and number of prenatal visits: Utah, 2008

Health district and county	Total	Number of prenatal visits							
		None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
Total	55,605	283	2,246	10,450	37,197	3,500	511	108	1,310
Bear River	3,513	10	101	569	2,533	258	28	2	12
Box Elder	960	2	26	170	684	64	7	0	7
Cache	2,513	8	75	385	1,824	194	21	2	4
Rich	40	0	0	14	25	0	0	0	1
Central Utah	1,281	2	65	299	813	85	9	0	8
Juab	229	0	8	50	156	13	0	0	2
Millard	205	1	10	56	123	15	0	0	0
Piute	22	0	2	5	13	2	0	0	0
Sanpete	443	1	29	122	259	26	5	0	1
Sevier	336	0	14	53	236	26	4	0	3
Wayne	46	0	2	13	26	3	0	0	2
Davis	6,202	23	149	926	4,429	460	56	28	131
Salt Lake	19,591	154	986	3,745	12,446	1,063	189	48	960
Southeastern	866	11	90	224	508	24	4	0	5
Carbon	324	2	22	78	215	6	0	0	1
Emery	192	3	18	49	119	2	0	0	1
Grand	125	1	19	37	62	5	1	0	0
San Juan	225	5	31	60	112	11	3	0	3
Southwest	3,974	8	170	855	2,556	295	60	9	21
Beaver	132	0	9	29	73	17	3	1	0
Garfield	62	0	2	14	36	8	1	1	0
Iron	969	2	31	139	712	69	10	3	3
Kane	94	0	1	37	54	2	0	0	0
Washington	2,717	6	127	636	1,681	199	46	4	18
Summit	506	3	22	96	337	27	7	0	14
Tooele	1,099	3	52	275	689	37	9	1	33
TriCounty	1,078	3	60	231	654	99	22	3	6
Daggett	11	0	1	2	6	1	1	0	0
Duchesne	422	1	19	96	247	42	14	1	2
Uintah	645	2	40	133	401	56	7	2	4
Utah County	12,506	40	330	2,187	8,953	817	88	9	82
Wasatch	433	2	22	106	259	32	5	0	7
Weber-Morgan	4,556	24	199	937	3,020	303	34	8	31
Morgan	145	1	1	30	104	5	0	3	1
Weber	4,411	23	198	907	2,916	298	34	5	30

Table A10. Births by race/ethnicity of mother, birth order of infant and age of mother, residents: Utah, 2008

Race/ethnicity of mother and birth order of infant	Total	Age of mother: Under 15	15 to 19: Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
Total	55,605	32	3,745	1,122	2,623	14,568	19,624	12,421	4,368	789	56	2
First	18,470	31	3,063	1,022	2,041	7,778	5,403	1,609	495	84	7	0
Second	15,637	1	599	92	507	4,816	6,546	2,703	829	137	6	0
Third	11,086	0	70	7	63	1,480	4,912	3,571	888	154	10	1
Fourth	6,135	0	6	0	6	370	1,985	2,750	904	114	6	0
Fifth	2,483	0	2	0	2	68	520	1,183	617	88	5	0
Sixth or more	1,711	0	0	0	0	27	230	592	629	211	22	0
Not stated	83	0	5	1	4	29	28	13	6	1	0	1
White	42,603	10	2,029	465	1,564	10,892	15,926	9,929	3,215	559	43	0
First	14,199	10	1,727	442	1,285	6,266	4,506	1,259	362	64	5	0
Second	11,950	0	268	22	246	3,479	5,414	2,090	598	97	4	0
Third	8,485	0	29	1	28	882	3,986	2,856	629	94	9	0
Fourth	4,753	0	3	0	3	206	1,547	2,276	646	71	4	0
Fifth	1,911	0	1	0	1	34	343	994	477	59	3	0
Sixth or more	1,286	0	0	0	0	15	124	453	502	174	18	0
Not stated	19	0	1	0	1	10	6	1	1	0	0	0
Hispanic all races	9,493	20	1,424	572	852	2,758	2,590	1,746	787	161	6	1
First	3,049	19	1,107	503	604	1,094	560	195	62	12	0	0
Second	2,731	1	273	62	211	1,045	827	419	140	26	0	0
Third	2,022	0	37	6	31	466	708	555	206	48	1	1
Fourth	1,019	0	3	0	3	111	296	364	207	36	2	0
Fifth	399	0	0	0	0	24	127	129	98	19	2	0
Sixth or more	231	0	0	0	0	4	57	79	71	19	1	0
Not stated	42	0	4	1	3	14	15	5	3	1	0	0
Black	535	1	59	20	39	159	171	99	39	6	1	0
First	172	1	45	19	26	62	44	15	5	0	0	0
Second	149	0	14	1	13	51	44	30	9	1	0	0
Third	85	0	0	0	0	26	35	20	4	0	0	0
Fourth	54	0	0	0	0	12	23	14	4	1	0	0
Fifth	25	0	0	0	0	2	14	5	2	2	0	0
Sixth or more	46	0	0	0	0	5	10	13	15	2	1	0
Not stated	4	0	0	0	0	1	1	2	0	0	0	0
Native American	683	1	95	30	65	236	183	118	40	9	1	0
First	193	1	73	26	47	85	21	9	4	0	0	0
Second	172	0	18	4	14	86	45	19	4	0	0	0
Third	150	0	3	0	3	46	59	35	6	1	0	0
Fourth	91	0	0	0	0	12	42	26	10	1	0	0
Fifth	37	0	1	0	1	5	8	16	5	2	0	0
Sixth or more	37	0	0	0	0	1	7	12	11	5	1	0
Not stated	3	0	0	0	0	1	1	1	0	0	0	0

Table A10 continued. Births by race/ethnicity of mother, birth order of infant and age of mother, residents: Utah, 2008

Race/ethnicity of mother and birth order of infant	Total	Age of mother: Under 15	15 to 19: Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over
Asian and Pacific Islander	1,848	0	95	22	73	430	596	442	235	47	3
First	709	0	77	19	58	225	229	116	55	6	1
Second	509	0	17	3	14	127	165	123	63	13	1
Third	277	0	1	0	1	48	97	85	37	9	0
Fourth	165	0	0	0	0	24	53	53	30	5	0
Fifth	87	0	0	0	0	2	24	32	25	4	0
Sixth or more	96	0	0	0	0	2	27	32	24	10	1
Not stated	5	0	0	0	0	2	1	1	1	0	0
Other races	12	0	2	1	1	4	5	1	0	0	0
First	4	0	1	1	0	2	1	0	0	0	0
Second	4	0	1	0	1	1	2	0	0	0	0
Third	2	0	0	0	0	1	1	0	0	0	0
Fourth	2	0	0	0	0	0	1	1	0	0	0
Fifth	0	0	0	0	0	0	0	0	0	0	0
Sixth or more	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0
Not stated	431	0	41	12	29	89	153	86	52	7	2
First	144	0	33	12	21	44	42	15	7	2	1
Second	122	0	8	0	8	27	49	22	15	0	1
Third	65	0	0	0	0	11	26	20	6	2	0
Fourth	51	0	0	0	0	5	23	16	7	0	0
Fifth	24	0	0	0	0	1	4	7	10	2	0
Sixth or more	15	0	0	0	0	0	5	3	6	1	0
Not stated	10	0	0	0	0	1	4	3	1	0	0

Hispanic births are not distributed by race.

Table A11. Births by race/ethnicity and age of mother and month prenatal care began, residents: Utah, 2008

		Month prenatal care began										
age of mother	Total	None	1	2	3	4	5	6	7	8	9	Not stated
Total	55,605	284	866	24,078	19,053	4,796	2,671	1,240	860	690	238	829
Under 15	32	1	1	9	5	4	2	6	1	3	0	0
Total 15-19	3,745	37	78	1,155	1,108	488	342	199	132	97	32	77
15-17	1,122	20	21	307	299	141	127	79	52	34	11	31
18-19	2,623	17	57	848	809	347	215	120	80	63	21	46
20-24	14,568	90	227	6,082	4,747	1,384	825	398	278	221	75	241
25-29	19,624	98	287	9,088	6,834	1,498	723	323	245	193	74	261
30-34	12,421	35	197	5,551	4,543	932	503	206	138	123	37	156
35-39	4,368	21	64	1,875	1,504	416	222	84	52	39	16	75
40-44	789	2	9	300	291	69	51	20	13	14	4	16
45 and over	56	0	3	17	21	5	3	4	1	0	0	2
Not stated	2	0	0	1	0	0	0	0	0	0	0	1
White	42,603	109	610	20,050	15,164	3,166	1,487	612	460	336	108	501
Under 15	10	1	1	4	1	1	0	1	0	1	0	0
Total 15-19	2,029	13	39	754	622	243	147	69	49	44	13	36
15-17	465	8	9	162	123	56	44	25	16	10	3	9
18-19	1,564	5	30	592	499	187	103	44	33	34	10	27
20-24	10,892	34	169	4,997	3,720	894	451	196	152	103	31	145
25-29	15,926	37	207	7,845	5,695	1,068	445	177	141	103	39	169
30-34	9,929	14	139	4,697	3,748	661	298	115	80	60	18	99
35-39	3,215	10	47	1,514	1,144	252	110	44	26	18	6	44
40-44	559	0	7	225	214	44	34	8	11	7	1	8
45 and over	43	0	1	14	20	3	2	2	1	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Hispanic all races	9,493	104	168	2,940	2,914	1,274	875	452	275	220	81	190
Under 15	20	0	0	5	4	3	1	5	1	1	0	0
Total 15-19	1,424	16	33	337	423	207	159	99	64	39	16	31
15-17	572	10	11	128	157	71	74	47	31	19	5	19
18-19	852	6	22	209	266	136	85	52	33	20	11	12
20-24	2,758	32	34	824	815	383	273	154	93	75	23	52
25-29	2,590	35	52	881	790	321	210	98	64	59	25	55
30-34	1,746	15	39	595	576	215	143	62	33	28	12	28
35-39	787	5	9	249	246	126	77	25	18	11	4	17
40-44	161	1	1	47	59	18	11	8	2	7	1	6
45 and over	6	0	0	1	1	1	1	1	0	0	0	1
Not stated	1	0	0	1	0	0	0	0	0	0	0	0
Black	535	15	11	173	141	43	53	26	17	24	16	16
Under 15	1	0	0	0	0	0	1	0	0	0	0	0
Total 15-19	59	0	2	15	12	10	7	7	1	3	2	0
15-17	20	0	0	4	4	1	3	3	1	2	2	0
18-19	39	0	2	11	8	9	4	4	0	1	0	0
20-24	159	7	4	60	33	10	17	6	5	10	4	3
25-29	171	4	1	57	56	10	12	8	7	6	4	6
30-34	99	2	3	33	25	6	10	2	3	5	4	6
35-39	39	2	1	5	15	4	6	3	1	0	1	1
40-44	6	0	0	3	0	2	0	0	0	0	1	0
45 and over	1	0	0	0	0	1	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Native American	683	13	27	183	169	78	65	45	29	23	12	39
Under 15	1	0	0	0	0	0	0	0	0	1	0	0
Total 15-19	95	3	3	21	19	13	10	10	7	4	1	4
15-17	30	0	1	6	6	7	1	2	3	1	1	2
18-19	65	3	2	15	13	6	9	8	4	3	0	2
20-24	236	3	13	64	48	34	22	6	14	7	6	19
25-29	183	5	6	51	63	18	13	13	3	4	2	5
30-34	118	1	3	39	25	9	13	9	5	5	1	8
35-39	40	1	1	6	13	3	6	3	0	2	2	3
40-44	9	0	1	2	1	1	1	3	0	0	0	0
45 and over	1	0	0	0	0	0	0	1	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0

Table A11 continued. Births by race/ethnicity and age of mother and month prenatal care began, residents: Utah, 2008

Race/ethnicity and age of mother	Total	Month prenatal care began										
		None	1	2	3	4	5	6	7	8	9	Not stated
Asian and Pacific Islander	1,848	27	46	584	535	190	161	94	62	74	18	57
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15-19	95	4	1	15	20	8	17	13	9	5	0	3
15-17	22	2	0	3	6	3	4	2	1	0	0	1
18-19	73	2	1	12	14	5	13	11	8	5	0	2
20-24	430	10	6	109	100	53	56	31	12	24	11	18
25-29	596	10	19	201	190	65	32	24	23	15	3	14
30-34	442	1	12	156	138	37	33	17	14	22	1	11
35-39	235	2	6	83	71	23	19	8	4	8	2	9
40-44	47	0	0	19	16	4	4	1	0	0	1	2
45 and over	3	0	2	1	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Other races	12	0	0	3	4	1	0	2	1	0	0	1
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15-19	2	0	0	1	0	0	0	0	0	0	0	1
15-17	1	0	0	1	0	0	0	0	0	0	0	0
18-19	1	0	0	0	0	0	0	0	0	0	0	1
20-24	4	0	0	1	1	1	0	1	0	0	0	0
25-29	5	0	0	1	2	0	0	1	1	0	0	0
30-34	1	0	0	0	1	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	431	16	4	145	126	44	30	9	16	13	3	25
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15-19	41	1	0	12	12	7	2	1	2	2	0	2
15-17	12	0	0	3	3	3	1	0	0	2	0	0
18-19	29	1	0	9	9	4	1	1	2	0	0	2
20-24	89	4	1	27	30	9	6	4	2	2	0	4
25-29	153	7	2	52	38	16	11	2	6	6	1	12
30-34	86	2	1	31	30	4	6	1	3	3	1	4
35-39	52	1	0	18	15	8	4	1	3	0	1	1
40-44	7	1	0	4	1	0	1	0	0	0	0	0
45 and over	2	0	0	1	0	0	0	0	0	0	0	1
Not stated	1	0	0	0	0	0	0	0	0	0	0	1

Hispanic births are not distributed by race.

Table A12. Births by race/ethnicity and age of mother and number of prenatal visits, residents: Utah, 2008

Race/ethnicity and age of mother	Total	Number of prenatal visits							
		None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
Total	55,605	283	2,246	10,450	37,197	3,500	511	108	1,310
Under 15	32	1	6	11	13	1	0	0	0
Total 15-19	3,745	37	327	1,012	2,043	202	23	7	94
15-17	1,122	20	97	344	572	47	6	1	35
18-19	2,623	17	230	668	1,471	155	17	6	59
20-24	14,568	90	702	2,945	9,422	961	111	18	319
25-29	19,624	97	627	3,242	13,717	1,266	182	39	454
30-34	12,421	35	367	2,181	8,639	745	137	22	295
35-39	4,368	21	176	856	2,853	272	45	20	125
40-44	789	2	40	187	477	49	12	2	20
45 and over	56	0	1	16	32	4	1	0	2
Not stated	2	0	0	0	1	0	0	0	1
White	42,603	108	1,047	6,764	30,305	2,929	431	86	933
Under 15	10	1	0	3	6	0	0	0	0
Total 15-19	2,029	13	126	431	1,257	138	14	4	46
15-17	465	8	28	120	269	25	1	1	13
18-19	1,564	5	98	311	988	113	13	3	33
20-24	10,892	34	313	1,851	7,551	816	93	15	219
25-29	15,926	36	304	2,298	11,672	1,083	161	27	345
30-34	9,929	14	198	1,504	7,216	639	114	19	225
35-39	3,215	10	76	555	2,221	211	37	20	85
40-44	559	0	29	110	354	41	11	1	13
45 and over	43	0	1	12	28	1	1	0	0
Not stated	0	0	0	0	0	0	0	0	0
Hispanic all races	9,493	104	771	2,768	5,106	432	61	20	231
Under 15	20	0	5	7	7	1	0	0	0
Total 15-19	1,424	16	146	478	682	56	9	2	35
15-17	572	10	51	199	267	20	5	0	20
18-19	852	6	95	279	415	36	4	2	15
20-24	2,758	32	257	837	1,442	115	13	3	59
25-29	2,590	35	199	683	1,442	139	13	11	68
30-34	1,746	15	96	489	1,008	77	20	3	38
35-39	787	5	59	219	434	40	5	0	25
40-44	161	1	9	53	87	4	1	1	5
45 and over	6	0	0	2	3	0	0	0	1
Not stated	1	0	0	0	1	0	0	0	0
Black	535	15	83	133	251	23	3	1	26
Under 15	1	0	0	1	0	0	0	0	0
Total 15-19	59	0	13	22	19	2	0	1	2
15-17	20	0	8	6	6	0	0	0	0
18-19	39	0	5	16	13	2	0	1	2
20-24	159	7	29	32	75	9	1	0	6
25-29	171	4	17	40	91	8	1	0	10
30-34	99	2	13	28	47	3	1	0	5
35-39	39	2	10	7	17	0	0	0	3
40-44	6	0	1	2	2	1	0	0	0
45 and over	1	0	0	1	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Native American	683	13	97	201	325	26	3	0	18
Under 15	1	0	1	0	0	0	0	0	0
Total 15-19	95	3	17	34	35	3	0	0	3
15-17	30	0	5	10	14	0	0	0	1
18-19	65	3	12	24	21	3	0	0	2
20-24	236	3	32	65	118	9	2	0	7
25-29	183	5	30	42	95	7	1	0	3
30-34	118	1	12	39	57	4	0	0	5
35-39	40	1	5	15	16	3	0	0	0
40-44	9	0	0	5	4	0	0	0	0
45 and over	1	0	0	1	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0

Table A12 continued. Births by race/ethnicity and age of mother and number of prenatal visits, residents: Utah, 2008

Race/ethnicity and age of mother	Total	Number of prenatal visits							
		None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
Asian and Pacific Islander	1,848	27	212	483	975	69	9	0	73
Under 15	0	0	0	0	0	0	0	0	0
Total 15-19	95	4	23	36	25	2	0	0	5
15-17	22	2	4	5	8	2	0	0	1
18-19	73	2	19	31	17	0	0	0	4
20-24	430	10	63	138	189	9	0	0	21
25-29	596	10	65	139	336	25	5	0	16
30-34	442	1	39	106	261	17	1	0	17
35-39	235	2	21	47	138	12	3	0	12
40-44	47	0	1	17	25	2	0	0	2
45 and over	3	0	0	0	1	2	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Other races									
Under 15	12	0	2	2	6	0	0	0	2
Total 15-19	0	0	0	0	0	0	0	0	0
15-17	2		0	0	0	1	0	0	0
18-19	1	0	0	0	1	0	0	0	0
20-24	1	0	0	0	0	0	0	0	1
25-29	4	0	0	1	2	0	0	0	1
30-34	5	0	2	1	2	0	0	0	0
35-39	1	0	0	0	1	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
Not stated	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Not stated	431	16	34	99	229	21	4	1	27
Under 15	0	0	0	0	0	0	0	0	0
Total 15-19	41		1	2	11	24	1	0	0
15-17	12	0	1	4	7	0	0	0	0
18-19	29	1	1	7	17	1	0	0	2
20-24	89	4	8	21	45	3	2	0	6
25-29	153	7	10	39	79	4	1	1	12
30-34	86	2	9	15	49	5	1	0	5
35-39	52	1	5	13	27	6	0	0	0
40-44	7	1	0	0	5	1	0	0	0
45 and over	2	0	0	0	0	1	0	0	1
Not stated	1	0	0	0	0	0	0	0	1

Hispanic births are not distributed by race.

Table A13. Births by race/ethnicity of mother, gender and birthweight of infant, residents: Utah, 2008

Race/ethnicity of mother and gender of infant	Total	Birthweight in grams: Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Un-known
Total	55,605	281	296	700	2,507	10,500	22,860	14,777	3,288	387	9
Male	28,509	139	168	352	1,149	4,661	11,083	8,528	2,163	260	6
Female	27,096	142	128	348	1,358	5,839	11,777	6,249	1,125	127	3
White	42,603	193	214	528	1,855	7,747	17,423	11,671	2,675	293	4
Male	21,851	94	125	264	836	3,384	8,426	6,760	1,752	207	3
Female	20,752	99	89	264	1,019	4,363	8,997	4,911	923	86	1
Hispanic all races	9,493	66	58	114	468	1,952	4,036	2,317	412	69	1
Male	4,822	35	31	58	223	898	1,972	1,291	271	42	1
Female	4,671	31	27	56	245	1,054	2,064	1,026	141	27	0
Black	535	7	4	9	50	157	191	98	18	1	0
Male	281	4	1	2	23	82	94	60	15	0	0
Female	254	3	3	7	27	75	97	38	3	1	0
Native American	683	2	4	11	24	131	282	181	41	6	1
Male	346	1	2	5	13	56	131	107	28	3	0
Female	337	1	2	6	11	75	151	74	13	3	1
Asian and Pacific Islander	1,848	13	15	29	91	416	745	406	115	17	1
Male	983	5	8	18	46	199	373	251	74	8	1
Female	865	8	7	11	45	217	372	155	41	9	0
Other races	12	0	0	0	1	0	7	4	0	0	0
Male	7	0	0	0	1	0	3	3	0	0	0
Female	5	0	0	0	0	0	4	1	0	0	0
Not stated	431	0	1	9	18	97	176	100	27	1	2
Male	219	0	1	5	7	42	84	56	23	0	1
Female	212	0	0	4	11	55	92	44	4	1	1

Hispanic births are not distributed by race.

Table A14. Births by gestation period and birthweight of infant, residents: Utah, 2008

Gestation period in weeks	Total	Birthweight in grams: Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Un-known
Total	55,605	281	296	700	2,507	10,500	22,860	14,777	3,288	387	9
Under 20	26	24	0	0	0	0	0	0	0	0.00	2
20-27	257	207	46	1	1	0	0	0	0	0.00	2
28-35	2,683	50	247	576	959	682	145	17	5	2.00	0
36	2,435	0	1	65	543	1,148	551	108	15	4.00	0
37	5,253	0	2	37	509	2,053	1,980	568	86	18.00	0
38	11,853	0	0	17	284	2,867	5,616	2,579	435	55.00	0
39	21,058	0	0	4	165	2,773	9,874	6,734	1,376	130.00	2
40	9,543	0	0	0	37	831	3,845	3,715	989	124.00	2
41	2,392	0	0	0	9	141	826	1,008	358	50.00	0
42	98	0	0	0	0	5	22	46	21	4.00	0
43	4	0	0	0	0	0	1	1	2	0.00	0
Not Stated	3	0	0	0	0	0	0	1	1	0.00	1

Table A15. Births by number of previous births, age and education of mother, residents: Utah, 2008

Previous births and age of mother	Total	Education of mother: Less than high school	High school graduate	One or more years college	Not stated
Total	55,605	7,608	16,710	30,088	1,199
Under 20	3,777	2,032	1,495	150	100
20-29	34,192	3,953	11,581	17,971	687
30 and over	17,634	1,622	3,634	11,967	411
Not stated	2	1	0	0	1
No previous births	18,470	2,566	5,807	9,710	387
Under 20	3,094	1,618	1,267	135	74
20-29	13,181	849	4,197	7,886	249
30 and over	2,195	99	343	1,689	64
Not stated	0	0	0	0	0
One previous birth	15,637	1,945	4,949	8,400	343
Under 20	600	360	203	14	23
20-29	11,362	1,323	4,005	5,809	225
30 and over	3,675	262	741	2,577	95
Not stated	0	0	0	0	0
Two previous births	11,086	1,498	3,206	6,167	215
Under 20	70	43	23	1	3
20-29	6,392	991	2,194	3,080	127
30 and over	4,623	463	989	3,086	85
Not stated	1	1	0	0	0
Three previous births	6,135	880	1,610	3,514	131
Under 20	6	5	1	0	0
20-29	2,355	482	844	969	60
30 and over	3,774	393	765	2,545	71
Not stated	0	0	0	0	0
Four and over previous births	4,195	685	1,118	2,284	108
Under 20	2	2	0	0	0
20-29	846	283	327	216	20
30 and over	3,347	400	791	2,068	88
Not stated	0	0	0	0	0
Not stated	82	34	20	13	15
Under 20	5	4	1	0	0
20-29	56	25	14	11	6
30 and over	20	5	5	2	8
Not stated	1	0	0	0	1

Table A16. Births by age and education of parents, residents: Utah, 2008

			Education of parents							
	Total		Less than high school		High school graduate		One or more years of college		Not stated	
Age of parents	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother
Total	55,605	55,605	5,658	7,608	13,699	16,710	30,097	30,088	6,151	1,199
Under 15	2	32	2	31	0	0	0	0	0	1
15	14	143	12	137	0	0	0	0	2	6
16	51	335	47	316	1	4	0	0	3	15
17	114	644	85	507	20	114	0	2	9	21
18	326	1,066	156	520	149	501	3	19	18	26
19	583	1,557	233	521	289	876	36	129	25	31
20-24	7,970	14,568	1,408	2,264	3,442	5,992	2,825	6,028	295	284
25-29	18,171	19,624	1,615	1,689	4,920	5,589	11,093	11,943	543	403
30-34	14,518	12,421	1,168	1,059	3,081	2,639	9,828	8,476	441	247
35-39	6,411	4,368	583	473	1,183	817	4,397	2,950	248	128
40-44	2,121	789	228	84	421	167	1,359	504	113	34
45 and over	891	56	114	6	183	11	546	37	48	2
Not stated	4,433	2	7	1	10	0	10	0	4,406	1

Table A17. Births to unmarried mothers by age and education of parents, residents: Utah 2008

			Education of parents							
	Total		Less than high school		High school graduate		One or more years of college		Not stated	
Age of parents	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother
Total	11,324	11,324	2,487	4,333	3,042	4,873	975	1,710	4,820	408
Under 15	2	32	2	31	0	0	0	0	0	1
15	14	137	12	131	0	0	0	0	2	6
16	43	299	39	285	1	4	0	0	3	10
17	96	540	73	421	15	99	0	2	8	18
18	232	821	117	417	99	368	2	14	14	22
19	379	1,002	175	356	171	555	13	69	20	22
20-24	2,368	4,171	786	1,336	1,196	2,125	222	574	164	136
25-29	2,017	2,570	655	797	856	1,091	307	570	199	112
30-34	1,139	1,164	382	380	415	437	222	305	120	42
35-39	495	474	157	150	157	153	118	144	63	27
40-44	212	106	57	27	84	37	44	31	27	11
45 and over	146	6	32	1	48	4	47	1	19	0
Not stated	4,181	2	0	1	0	0	0	0	4,181	1

Table A18. Births to unmarried mothers by health district, county of residence and age of mother: Utah, 2008

Health district and county	Total	Age of mother: Under 15	15 to 19: Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
Total	11,324	32	2,799	976	1,823	4,171	2,570	1,164	474	106	6	2
Bear River	477	2	140	43	97	179	92	49	13	2	0	0
Box Elder	171	2	66	24	42	58	30	10	5	0	0	0
Cache	299	0	71	17	54	118	61	39	8	2	0	0
Rich	7	0	3	2	1	3	1	0	0	0	0	0
Central Utah	259	2	71	28	43	101	58	16	9	2	0	0
Juab	40	0	12	8	4	12	8	3	3	2	0	0
Millard	42	2	7	2	5	22	10	1	0	0	0	0
Piute	5	0	2	1	1	2	1	0	0	0	0	0
Sanpete	88	0	25	9	16	35	17	7	4	0	0	0
Sevier	78	0	23	8	15	30	18	5	2	0	0	0
Wayne	6	0	2	0	2	0	4	0	0	0	0	0
Davis	929	1	255	72	183	320	221	93	29	9	1	0
Salt Lake	5,260	15	1,176	446	730	1,909	1,260	579	263	53	3	2
Southeastern	306	1	73	22	51	121	63	34	12	2	0	0
Carbon	97	0	25	7	18	38	23	7	4	0	0	0
Emery	44	1	13	5	8	16	7	6	0	1	0	0
Grand	53	0	13	3	10	20	12	4	3	1	0	0
San Juan	112	0	22	7	15	47	21	17	5	0	0	0
Southwest	755	2	182	50	132	285	172	72	34	7	1	0
Beaver	34	0	8	2	6	17	4	2	3	0	0	0
Garfield	15	0	5	1	4	4	3	3	0	0	0	0
Iron	182	1	52	17	35	62	47	8	9	2	1	0
Kane	18	0	8	0	8	3	7	0	0	0	0	0
Washington	506	1	109	30	79	199	111	59	22	5	0	0
Summit	132	0	28	13	15	39	36	12	10	7	0	0
Tooele	229	0	73	21	52	88	36	23	8	1	0	0
TriCounty	295	2	85	26	59	121	52	27	5	3	0	0
Daggett	2	0	0	0	0	2	0	0	0	0	0	0
Duchesne	106	1	36	9	27	37	21	11	0	0	0	0
Uintah	187	1	49	17	32	82	31	16	5	3	0	0
Utah County	1,276	5	329	136	193	476	284	123	47	11	1	0
Wasatch	87	0	19	9	10	33	19	12	4	0	0	0
Weber-Morgan	1,319	2	368	110	258	499	277	124	40	9	0	0
Morgan	6	0	2	1	1	4	0	0	0	0	0	0
Weber	1,313	2	366	109	257	495	277	124	40	9	0	0

Table A19. Births by marital status of mother, race/ethnicity and age of mother, residents: Utah, 2008

Marital status and race/ethnicity of mother	Total	Age of mother: Under 15	15 to 19 Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
Total	55,605	32	3,745	1,122	2,623	14,568	19,624	12,421	4,368	789	56	2
White	42,603	10	2,029	465	1,564	10,892	15,926	9,929	3,215	559	43	0
Hispanic	9,493	20	1,424	572	852	2,758	2,590	1,746	787	161	6	1
Black	535	1	59	20	39	159	171	99	39	6	1	0
Native American	683	1	95	30	65	236	183	118	40	9	1	0
Asian and Pacific Islander	1,848	0	95	22	73	430	596	442	235	47	3	0
Other races	12	0	2	1	1	4	5	1	0	0	0	0
Not stated	431	0	41	12	29	89	153	86	52	7	2	1
Mother married	44,281	0	946	146	800	10,397	17,054	11,257	3,894	683	50	0
White	36,838	0	601	69	532	8,637	14,630	9,405	3,019	508	38	0
Hispanic	5,153	0	287	70	217	1,315	1,619	1,252	561	114	5	0
Black	277	0	9	0	9	63	103	69	29	3	1	0
Native American	237	0	10	1	9	54	85	59	21	7	1	0
Asian and Pacific Islander	1,492	0	31	4	27	286	503	400	223	46	3	0
Other races	7	0	0	0	0	2	4	1	0	0	0	0
Not stated	277	0	8	2	6	40	110	71	41	5	2	0
Mother unmarried	11,324	32	2,799	976	1,823	4,171	2,570	1,164	474	106	6	2
White	5,765	10	1,428	396	1,032	2,255	1,296	524	196	51	5	0
Hispanic	4,340	20	1,137	502	635	1,443	971	494	226	47	1	1
Black	258	1	50	20	30	96	68	30	10	3	0	0
Native American	446	1	85	29	56	182	98	59	19	2	0	0
Asian and Pacific Islander	356	0	64	18	46	144	93	42	12	1	0	0
Other races	5	0	2	1	1	2	1	0	0	0	0	0
Not stated	154	0	33	10	23	49	43	15	11	2	0	1

Hispanic births are not distributed by race.

Table A20. Births by age of mother and birthweight of infant, residents: Utah, 2008

Age of mother	Total	Birthweight in grams: Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Unknown
Total	55,605	281	296	700	2,507	10,500	22,860	14,777	3,288	387	9
Under 15	32	1	0	1	1	9	15	5	0	0	0
Total 15-19	3,745	34	35	50	224	892	1,566	820	111	11	2
15-17	1,122	8	8	10	76	286	478	223	30	3	0
18-19	2,623	26	27	40	148	606	1,088	597	81	8	2
20-24	14,568	73	60	160	695	3,022	6,117	3,668	700	72	1
25-29	19,624	78	111	252	847	3,604	8,211	5,196	1,196	126	3
30-34	12,421	51	40	137	475	2,093	5,044	3,603	873	103	2
35-39	4,368	41	40	74	204	726	1,607	1,276	340	60	0
40-44	789	3	8	22	57	147	283	194	63	12	0
45 and over	56	0	2	4	4	7	17	14	5	3	0
Not stated	2	0	0	0	0	0	0	1	0	0	1

Table A21. Births by birthweight of infant and tobacco use of mother (trimester of first use of cigarettes), residents: Utah, 2008

Birthweight in grams	Total	Tobacco use of mother						
		Yes	Trimester of first use of cigarettes				No	Un-known
			1st	2nd	3rd	Un-known		
Total	55,605	2,975	2,686	45	39	205	51,987	643
Under 1000	281	29	28	0	0	1	242	10
1000-1499	296	20	18	0	0	2	273	3
1500-1999	700	59	54	0	0	5	624	17
2000-2499	2,507	296	266	2	3	25	2,166	45
2500-2999	10,500	926	839	13	11	63	9,440	134
3000-3499	22,860	1,106	987	22	16	81	21,505	249
3500-3999	14,777	461	423	8	8	22	14,174	142
4000-4499	3,288	70	63	0	1	6	3,181	37
4500 and over	387	8	8	0	0	0	375	4
Unknown	9	0	0	0	0	0	7	2

Table A22. Births by birthweight of infant and alcohol use of mother (trimester of first use of alcohol), residents: Utah 2008

Birthweight in grams	Total	Alcohol use of mother						
		Yes	Trimester of first use of alcohol				No	Un-known
			1st	2nd	3rd	Un-known		
Total	55,605	525	358	62	33	72	54,375	705
Under 1000	281	5	4	0	0	1	265	11
1000-1499	296	6	4	1	0	1	285	5
1500-1999	700	9	6	0	1	2	672	19
2000-2499	2,507	48	31	6	5	6	2,407	52
2500-2999	10,500	132	96	9	10	17	10,224	144
3000-3499	22,860	175	117	24	10	24	22,412	273
3500-3999	14,777	121	82	17	5	17	14,499	157
4000-4499	3,288	25	15	5	1	4	3,225	38
4500 and over	387	4	3	0	1	0	379	4
Unknown	9	0	0	0	0	0	7	2

Table A23. Births by five-minute apgar score and birthweight of infant, residents: Utah, 2008

Five minute apgar score	Total	Birthweight in grams									
		Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Un-known
Total	55,605	281	296	700	2,507	10,500	22,860	14,777	3,288	387	9
0	31	19	2	2	3	0	4	0	0	0	1
1	63	42	6	2	2	3	6	2	0	0	0
2	48	22	2	3	3	6	3	8	0	0	1
3	72	14	3	6	8	12	14	11	2	1	1
4	87	10	3	8	5	16	24	15	4	2	0
5	177	14	15	11	23	27	39	33	12	3	0
6	351	22	12	28	40	81	94	57	15	2	0
7	974	39	32	52	122	190	301	178	55	5	0
8	5,350	56	95	176	441	1,119	1,841	1,248	328	46	0
9	46,138	34	115	401	1,817	8,657	19,552	12,544	2,710	306	2
10	2,183	2	4	7	33	368	943	646	159	21	0
Not stated	131	7	7	4	10	21	39	35	3	1	4

Table A24. Births to mothers of Hispanic origin by age of mother, health district and county of residence: Utah, 2008

Health district and county	Total	Age of mother: Under 15	15 to 19: Total	15 to 19: 15-17	15 to 19: 18-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
Total	9,493	20	1,424	572	852	2,758	2,590	1,746	787	161	6	1
Bear River	454	1	74	24	50	149	120	69	38	3	0	0
Box Elder	111	1	22	8	14	38	29	10	10	1	0	0
Cache	343	0	52	16	36	111	91	59	28	2	0	0
Rich	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	152	2	22	7	15	53	38	16	17	4	0	0
Juab	8	0	2	2	0	2	1	0	2	1	0	0
Millard	43	2	5	0	5	11	14	6	4	1	0	0
Piute	4	0	1	1	0	1	2	0	0	0	0	0
Sanpete	65	0	8	3	5	24	16	7	9	1	0	0
Sevier	31	0	6	1	5	14	5	3	2	1	0	0
Wayne	1	0	0	0	0	1	0	0	0	0	0	0
Davis	592	1	80	30	50	148	174	127	47	15	0	0
Salt Lake	4,748	9	695	294	401	1,356	1,291	905	397	90	4	1
Southeastern	87	1	17	5	12	31	17	10	9	2	0	0
Carbon	42	0	7	3	4	14	14	3	3	1	0	0
Emery	21	1	8	2	6	6	0	4	1	1	0	0
Grand	14	0	2	0	2	8	1	1	2	0	0	0
San Juan	10	0	0	0	0	3	2	2	3	0	0	0
Southwest	550	0	68	24	44	189	153	95	42	3	0	0
Beaver	23	0	3	0	3	8	4	6	2	0	0	0
Garfield	3	0	1	0	1	0	2	0	0	0	0	0
Iron	88	0	15	7	8	25	34	4	10	0	0	0
Kane	3	0	1	0	1	1	1	0	0	0	0	0
Washington	433	0	48	17	31	155	112	85	30	3	0	0
Summit	153	0	25	12	13	42	50	20	14	2	0	0
Tooele	128	0	20	6	14	37	35	22	12	2	0	0
TriCounty	75	1	19	5	14	22	22	7	2	2	0	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	31	0	10	1	9	8	9	2	1	1	0	0
Uintah	44	1	9	4	5	14	13	5	1	1	0	0
Utah County	1,481	3	179	77	102	408	437	293	133	28	0	0
Wasatch	80	0	11	5	6	20	17	24	6	1	1	0
Weber-Morgan	993	2	214	83	131	303	236	158	70	9	1	0
Morgan	3	0	0	0	0	0	1	0	1	1	0	0
Weber	990	2	214	83	131	303	235	158	69	8	1	0

Table A25. Births to mothers of Hispanic origin by race and age of mother and number of prenatal visits, residents: Utah, 2008

Race and age of mother	Total	Number of prenatal visits							
		None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
Total	9,493	104	771	2,768	5,106	432	61	20	231
Under 15	20	0	5	7	7	1	0	0	0
Total 15 to 19	1,424	16	146	478	682	56	9	2	35
15-17	572	10	51	199	267	20	5	0	20
18-19	852	6	95	279	415	36	4	2	15
20-24	2,758	32	257	837	1,442	115	13	3	59
25-29	2,590	35	199	683	1,442	139	13	11	68
30-34	1,746	15	96	489	1,008	77	20	3	38
35-39	787	5	59	219	434	40	5	0	25
40-44	161	1	9	53	87	4	1	1	5
45 and over	6	0	0	2	3	0	0	0	1
Not stated	1	0	0	0	1	0	0	0	0
White	8,970	100	724	2,616	4,819	414	60	19	218
Under 15	19	0	5	7	6	1	0	0	0
Total 15 to 19	1,363	16	140	464	644	53	9	2	35
15-17	551	10	49	194	254	19	5	0	20
18-19	812	6	91	270	390	34	4	2	15
20-24	2,599	30	242	789	1,357	112	13	3	53
25-29	2,434	33	187	635	1,360	131	13	11	64
30-34	1,656	15	88	466	954	76	19	2	36
35-39	743	5	55	203	413	37	5	0	25
40-44	149	1	7	50	81	4	1	1	4
45 and over	6	0	0	2	3	0	0	0	1
Not stated	1	0	0	0	1	0	0	0	0
Black	35	0	2	10	19	2	0	1	1
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	6	0	1	1	2	2	0	0	0
15-17	3	0	1	0	1	1	0	0	0
18-19	3	0	0	1	1	1	0	0	0
20-24	5	0	0	1	3	0	0	0	1
25-29	12	0	0	6	6	0	0	0	0
30-34	7	0	1	1	4	0	0	1	0
35-39	4	0	0	1	3	0	0	0	0
40-44	1	0	0	0	1	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Native American	52	2	7	15	27	0	0	0	1
Under 15	1	0	0	0	1	0	0	0	0
Total 15 to 19	12	0	2	4	6	0	0	0	0
15-17	5	0	1	2	2	0	0	0	0
18-19	7	0	1	2	4	0	0	0	0
20-24	18	1	3	4	10	0	0	0	0
25-29	12	1	1	4	6	0	0	0	0
30-34	4	0	0	1	3	0	0	0	0
35-39	4	0	1	2	1	0	0	0	0
40-44	1	0	0	0	0	0	0	0	1
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0

Table A25. Births to mothers of Hispanic origin by race and age of mother and number of prenatal visits, residents: Utah, 2008

Race and age of mother	Total	Number of prenatal visits							
		None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
Asian and Pacific Islander	33	0	3	8	21	0	1	0	0
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	5	0	1	1	3	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0
18-19	5	0	1	1	3	0	0	0	0
20-24	12	0	1	3	8	0	0	0	0
25-29	7	0	0	1	6	0	0	0	0
30-34	6	0	1	1	3	0	1	0	0
35-39	3	0	0	2	1	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
Not stated	0	0	0	0	0	0	0	0	0
Other race	251	0	24	71	137	13	0	0	6
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	24	0	2	4	17	1	0	0	0
15-17	7	0	0	1	6	0	0	0	0
18-19	17	0	2	3	11	1	0	0	0
20-24	71	0	9	22	35	2	0	0	3
25-29	71	0	6	19	37	7	0	0	2
30-34	52	0	3	16	31	1	0	0	1
35-39	26	0	3	8	13	2	0	0	0
40-44	7	0	1	2	4	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Not stated	152	2	11	48	83	3	0	0	5
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	14	0	0	4	10	0	0	0	0
15-17	6	0	0	2	4	0	0	0	0
18-19	8	0	0	2	6	0	0	0	0
20-24	53	1	2	18	29	1	0	0	2
25-29	54	1	5	18	27	1	0	0	2
30-34	21	0	3	4	13	0	0	0	1
35-39	7	0	0	3	3	1	0	0	0
40-44	3	0	1	1	1	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0

Table A26. Births to mothers of Hispanic origin by race and age of mother and month prenatal care began, residents: Utah, 2008

Race and age of mother	Total	Month prenatal care began										
		None	1	2	3	4	5	6	7	8	9	Not stated
Total	9,493	104	168	2,940	2,914	1,274	875	452	275	220	81	190
Under 15	20	0	0	5	4	3	1	5	1	1	0	0
Total 15 to 19	1,424	16	33	337	423	207	159	99	64	39	16	31
15-17	572	10	11	128	157	71	74	47	31	19	5	19
18-19	852	6	22	209	266	136	85	52	33	20	11	12
20-24	2,758	32	34	824	815	383	273	154	93	75	23	52
25-29	2,590	35	52	881	790	321	210	98	64	59	25	55
30-34	1,746	15	39	595	576	215	143	62	33	28	12	28
35-39	787	5	9	249	246	126	77	25	18	11	4	17
40-44	161	1	1	47	59	18	11	8	2	7	1	6
45 and over	6	0	0	1	1	1	1	1	0	0	0	1
Not stated	1	0	0	1	0	0	0	0	0	0	0	0
White	8,970	100	162	2,784	2,750	1,200	834	421	252	211	73	183
Under 15	19	0	0	5	4	2	1	5	1	1	0	0
Total 15 to 19	1,363	16	31	319	399	199	158	95	61	39	15	31
15-17	551	10	10	119	150	69	74	47	30	19	4	19
18-19	812	6	21	200	249	130	84	48	31	20	11	12
20-24	2,599	30	32	785	765	353	259	146	88	72	20	49
25-29	2,434	33	51	825	750	302	198	86	55	57	24	53
30-34	1,656	15	39	567	548	208	131	57	29	26	9	27
35-39	743	5	8	235	229	119	76	25	16	10	4	16
40-44	149	1	1	46	54	16	10	6	2	6	1	6
45 and over	6	0	0	1	1	1	1	1	0	0	0	1
Not stated	1	0	0	1	0	0	0	0	0	0	0	0
Black	35	0	3	10	11	5	1	1	3	0	0	1
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	6	0	1	2	2	0	0	0	1	0	0	0
15-17	3	0	1	0	1	0	0	0	1	0	0	0
18-19	3	0	0	2	1	0	0	0	0	0	0	0
20-24	5	0	0	1	2	1	0	0	0	0	0	1
25-29	12	0	1	4	2	3	1	1	0	0	0	0
30-34	7	0	0	1	4	0	0	0	2	0	0	0
35-39	4	0	1	2	1	0	0	0	0	0	0	0
40-44	1	0	0	0	0	1	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Native American	52	2	1	22	11	5	5	3	1	1	1	0
Under 15	1	0	0	0	0	1	0	0	0	0	0	0
Total 15 to 19	12	0	1	4	2	2	0	2	0	0	1	0
15-17	5	0	0	3	1	0	0	0	0	0	1	0
18-19	7	0	1	1	1	2	0	2	0	0	0	0
20-24	18	1	0	7	4	2	2	1	1	0	0	0
25-29	12	1	0	8	1	0	2	0	0	0	0	0
30-34	4	0	0	2	1	0	1	0	0	0	0	0
35-39	4	0	0	1	2	0	0	0	0	1	0	0
40-44	1	0	0	0	1	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0

Table A26 continued. Births to mothers of Hispanic origin by race and age of mother and month prenatal care began, residents: Utah, 2008

Race and age of mother	Total	Month prenatal care began										
		None	1	2	3	4	5	6	7	8	9	Not stated
Asian and Pacific Islander	33	0	0	17	9	2	2	1	1	0	1	0
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	5	0	0	1	3	0	0	0	1	0	0	0
15-17	0	0	0	0	0	0	0	0	0	0	0	0
18-19	5	0	0	1	3	0	0	0	1	0	0	0
20-24	12	0	0	6	2	1	1	1	0	0	1	0
25-29	7	0	0	6	0	1	0	0	0	0	0	0
30-34	6	0	0	3	2	0	1	0	0	0	0	0
35-39	3	0	0	1	2	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Other races	251	0	1	70	80	39	22	19	10	3	4	3
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	24	0	0	5	12	3	1	2	1	0	0	0
15-17	7	0	0	2	4	1	0	0	0	0	0	0
18-19	17	0	0	3	8	2	1	2	1	0	0	0
20-24	71	0	1	16	19	17	5	4	3	2	2	2
25-29	71	0	0	25	20	9	4	8	4	0	1	0
30-34	52	0	0	14	18	3	10	4	1	1	1	0
35-39	26	0	0	9	8	6	1	0	1	0	0	1
40-44	7	0	0	1	3	1	1	1	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	152	2	1	37	53	23	11	7	8	5	2	3
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	14	0	0	6	5	3	0	0	0	0	0	0
15-17	6	0	0	4	1	1	0	0	0	0	0	0
18-19	8	0	0	2	4	2	0	0	0	0	0	0
20-24	53	1	1	9	23	9	6	2	1	1	0	0
25-29	54	1	0	13	17	6	5	3	5	2	0	2
30-34	21	0	0	8	3	4	0	1	1	1	2	1
35-39	7	0	0	1	4	1	0	0	1	0	0	0
40-44	3	0	0	0	1	0	0	1	0	1	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0

Table A27. Births to mothers of Hispanic origin by marital status of mother, race and age of mother, residents: Utah, 2008

Marital status and race of mother	Total	Age of mother: Under 15	15 to 19: Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
Total	9,493	20	1,424	572	852	2,758	2,590	1,746	787	161	6	1
White	8,970	19	1,363	551	812	2,599	2,434	1,656	743	149	6	1
Black	35	0	6	3	3	5	12	7	4	1	0	0
Native American	52	1	12	5	7	18	12	4	4	1	0	0
Asian and Pacific Islander	33	0	5	0	5	12	7	6	3	0	0	0
Other race	251	0	24	7	17	71	71	52	26	7	0	0
Not stated	152	0	14	6	8	53	54	21	7	3	0	0
Mother married	5,153	0	287	70	217	1,315	1,619	1,252	561	114	5	0
White	4,881	0	276	69	207	1,244	1,528	1,191	530	107	5	0
Black	23	0	1	0	1	3	10	6	2	1	0	0
Native American	19	0	2	1	1	2	6	4	4	1	0	0
Asian and Pacific Islander	22	0	2	0	2	7	6	5	2	0	0	0
Other race	133	0	3	0	3	37	41	31	17	4	0	0
Not stated	75	0	3	0	3	22	28	15	6	1	0	0
Mother unmarried	4,340	20	1,137	502	635	1,443	971	494	226	47	1	1
White	4,089	19	1,087	482	605	1,355	906	465	213	42	1	1
Black	12	0	5	3	2	2	2	1	2	0	0	0
Native American	33	1	10	4	6	16	6	0	0	0	0	0
Asian and Pacific Islander	11	0	3	0	3	5	1	1	1	0	0	0
Other race	118	0	21	7	14	34	30	21	9	3	0	0
Not stated	77	0	11	6	5	31	26	6	1	2	0	0

Table A28. Births and deaths by community of occurrence and residence: Utah, 2008

Health district, county and city	Birth occurrence	Birth residence	Death occurrence	Death residence
State	56,788	55,605	14,440	13,920
Bear River	3,305	3,513	667	731
Box Elder	505	960	248	284
Bear River	0	16	7	11
Beaver Dam	0	0	0	0
Brigham City	374	345	136	119
Collinston	0	3	0	0
Corinne	0	24	6	8
Deweyville	0	10	0	0
Elwood	1	11	1	2
Fielding	0	14	1	1
Garland	0	70	5	13
Honeyville	0	11	2	4
Howell	0	5	1	2
Mantua	0	9	1	1
Perry	1	87	9	17
Plymouth	0	11	0	1
Portage	0	3	0	3
Riverside	0	7	1	1
Snowville	0	3	1	0
South Willard	0	0	0	0
Thatcher	1	11	0	0
Tremonton	128	242	48	44
Willard	0	70	10	17
Box Elder balance	0	8	19	40
Cache	2,800	2,513	409	431
Amalga	1	7	0	0
Benson	0	12	1	2
Clarkston	1	11	2	4
College Ward	0	7	0	0
Cornish	0	9	1	2
Cove	0	6	1	2
Hyde Park	2	42	4	6
Hyrum	0	142	11	36
Lewiston	0	28	4	7
Logan	2,790	1,327	297	191
Mendon	0	22	2	3
Millville	0	43	2	6
Newton	0	18	3	3
Nibley	0	123	7	15
North Logan	1	166	16	28
Paradise	1	19	1	1
Providence	1	144	18	27
Richmond	0	48	3	11
River Heights	0	32	5	10
Smithfield	2	187	17	41
Trenton	1	13	0	5
Wellsville	0	97	4	16
Young Ward	0	3	0	0
Cache balance	0	7	10	15
Rich	0	40	10	16
Garden City	0	11	4	3
Laketown	0	9	0	3
Randolph	0	17	1	3
Woodruff	0	3	0	1
Rich balance	0	0	5	6

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 2008

Health district, county and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Central Utah	989	1,281	474	543
Juab	198	229	79	74
Eureka	0	9	4	10
Levan	0	26	8	7
Mona	1	48	1	5
Nephi	179	124	60	48
Rocky Ridge	17	19	0	0
Santaquin (pt.)	0	0	0	0
Trout Creek	1	1	0	0
Juab balance	0	2	6	4
Millard	165	205	87	86
Abraham	0	0	0	0
Delta	112	100	47	23
Deseret	0	1	0	0
Fillmore	50	49	23	13
Flowell	0	0	0	0
Hinckley	0	15	3	10
Holden	0	11	2	4
Kanosh	0	2	1	6
Leamington	0	2	1	3
Lynndyl	0	0	0	2
Meadow	0	6	0	1
Oak City	2	10	0	3
Scipio	1	6	0	4
Millard balance	0	3	10	17
Piute	0	22	8	16
Circleville	0	11	2	7
Greenwich	0	0	0	0
Junction	0	1	0	0
Kingston	0	3	0	0
Marysvale	0	7	3	8
Piute balance	0	0	3	1
Sanpete	362	443	138	163
Axtell	0	2	0	0
Centerfield	0	23	5	4
Chester	0	14	0	0
Ephraim	1	93	11	21
Fairview	0	44	5	9
Fayette	0	10	1	4
Fountain Green	0	18	7	12
Gunnison	205	43	29	15
Manti	1	64	11	24
Mayfield	0	5	19	7
Moroni	0	29	4	14
Mount Pleasant	153	69	24	19
Spring City	1	18	4	12
Sterling	0	2	2	3
Wales	0	7	2	2
Sanpete balance	1	2	14	17
Sevier	263	336	152	181
Annabella	0	13	1	3
Aurora	0	17	3	12
Austin	0	1	0	0
Central Valley	0	7	0	0
Elsinore	0	17	4	12
Glenwood	0	5	8	5
Joseph	0	7	2	4
Koosharem	0	4	1	3
Monroe	0	33	5	18
Redmond	0	11	4	8
Richfield	262	153	94	69

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 2008

Health district, county and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Salina	1	57	11	23
Sevier	0	2	0	0
Sigurd	0	7	0	2
Venice	0	2	0	0
Sevier balance	0	0	19	22
Wayne	1	46	10	23
Bicknell	0	10	2	4
Fremont	0	4	0	0
Hanksville	0	4	1	1
Loa	1	14	2	4
Lyman	0	2	2	3
Teasdale	0	5	0	0
Torrey	0	6	1	6
Wayne balance	0	1	2	5
Davis	2,894	6,202	1,183	1,371
Bountiful	415	767	525	391
Centerville	3	224	27	60
Clearfield	2	674	116	120
Clinton	4	460	32	68
Farmington	5	372	42	73
Fruit Heights	0	52	12	33
Hill Field (AFB)	0	133	0	0
Hooper (Davis)	1	4	0	0
Kaysville	9	504	43	97
Layton	2,439	1,337	255	269
North Salt Lake	3	390	27	54
South Weber	0	100	9	19
Sunset	2	117	12	27
Syracuse	6	568	26	53
Val Verda	0	0	0	0
West Bountiful	0	90	14	26
West Point	1	174	18	39
Woods Cross	4	234	19	34
Davis balance	0	2	6	8
Salt Lake	23,775	19,591	6,108	5,369
Alta	0	0	1	0
Bennion	0	0	12	19
Bingham Canyon	0	0	0	0
Bluffdale	18	151	14	20
Canyon Rim	0	0	29	66
Copperton	0	16	1	0
Cottonwood Heights	1	220	65	138
Cottonwood West	0	0	78	168
Draper (pt.)	3	599	112	108
East Millcreek	0	0	180	170
Granite	0	0	6	7
Herriman	16	580	18	39
Holladay	84	161	90	125
Kearns	7	717	81	177
Little Cottonwood Creek	0	0	6	10
Magna	6	604	58	133
Midvale	6	681	76	158
Millcreek	3,741	6	997	368
Mount Olympus	0	0	18	65
Murray	6,527	725	753	249
Riverton	18	748	73	121

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 2008

Health district, county and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Salt Lake City	7,132	5,888	1,839	1,301
Sandy	2,167	1,481	482	437
South Jordan	12	810	79	156
South Salt Lake	0	69	103	93
Taylorsville	9	981	202	276
Union	0	0	10	20
West Jordan	3,195	2,428	311	358
West Valley City	833	2,717	376	516
White City	0	1	8	29
Salt Lake Co balance	0	8	30	42
Southeastern	671	866	449	476
Carbon	404	324	214	232
Dragerton	0	0	0	0
East Carbon	0	24	9	23
Helper	0	52	16	39
Hiawatha	0	0	0	0
Kenilworth	0	0	0	0
Price	404	213	159	111
Scofield	0	1	0	0
Spring Glen	0	3	0	0
Sunnyside	0	6	5	5
Wellington	0	23	7	15
Carbon balance	0	2	18	39
Emery	7	192	81	102
Castle Dale	1	37	8	17
Clawson	0	1	1	2
Cleveland	0	13	2	3
Elmo	0	15	8	11
Emery	1	6	1	5
Ferron	0	25	26	17
Green River	0	19	9	13
Huntington	5	61	8	21
Orangeville	0	15	7	11
Emery balance	0	0	11	2
Grand	100	125	75	70
CastleValley	0	1	0	0
Moab	100	123	47	46
Grand balance	0	1	28	24
San Juan	160	225	79	72
Blanding	61	81	24	19
La Sal	1	11	0	0
Mexican Hat	0	9	0	0
Montezuma Creek	1	27	0	0
Monticello	97	27	22	11
Monument Valley	0	14	0	0
Navajo Mountain	0		0	0
White Mesa	0	3	0	1
San Juan balance	0	53	33	41
Southwest	4,420	3,974	1,342	1,284
Beaver	90	132	45	47
Beaver City	89	71	28	20
Milford	1	41	9	12
Minersville	0	17	2	7
Beaver balance	0	3	6	8

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 2008

Health district, county and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Garfield	31	62	43	41
Antimony	0	1	0	1
Boulder	0	3	0	1
Bryce	0	5	0	0
Cannonville	0	1	0	0
Escalante	0	11	2	7
Hatch	0	5	1	0
Henrieville	0	1	0	2
Lake Powell	0	0	0	0
Panguitch	31	24	28	18
Tropic	0	10	0	4
Garfield balance	0	1	12	8
Iron	1,036	969	243	269
Beryl	0	11	0	0
Brianhead	0	0	0	2
Cedar City	1,028	787	188	180
Enoch	6	116	13	26
Kannarraville	1	6	1	6
NewCastle	0	7	0	0
Paragonah	0	3	2	4
Parowan	1	35	25	27
Summit	0	3	0	0
Iron balance	0	1	14	24
Kane	87	94	61	57
Alton	0	0	0	1
Big Water	1	2	1	1
Glendale	0	12	1	2
Kanab	84	62	45	39
Orderville	1	6	3	5
Kane balance	1	12	11	9
Washington	3,176	2,717	950	870
Apple Valley	3	9	0	0
Central	1	12	0	0
Dammeron Valley	0	5	0	0
Diamond Valley	2	5	0	0
Enterprise	0	46	3	6
Gunlock	0	2	0	0
Harrisburg	0	0	0	0
Hildale	335	158	0	5
Hurricane	7	251	57	78
Ivins	2	96	23	38
Laverkin	3	77	21	34
Leeds	2	15	2	6
New Harmony	0	6	5	4
Rockville	0		2	3
Saint George	2,806	1,485	748	531
Santa Clara	3	87	7	21
Springdale	1	10	3	5
Toquerville	1	19	4	7
Veyo	0	8	0	0
Virgin	0	10	3	5
Washington City	9	403	43	76
Washington balance	1	13	29	51
Summit	5	506	102	131
Coalville	0	52	7	14
Deer Mountain	0	4	0	0
Deer Valley	0	0	0	0
Francis	0	15	4	6
Henefer	0	14	5	6
Hoytsville	0	1	0	0
Kamas	0	79	13	14

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 2008

Health district, county and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Oakley	0	20	14	12
Park City (pt.)	5	292	20	34
Peoa	0	6	0	0
Wanship	0	12	0	0
Woodland	0	2	2	6
Summit balance	0	9	37	39
Tooele	495	1,099	212	260
Dugway	0	15	2	2
Erda	0	16	2	6
Grantsville	2	138	19	48
Lake Point	0	17	0	0
Ophir	0	0	0	0
Rush Valley	0	5	4	4
Stansbury Park	2	185	5	9
Stockton	0	16	4	12
Terra	0	1	0	0
Tooele City	489	649	141	159
Vernon	1	1	0	0
Wendover	0	46	7	7
Tooele balance	1	10	28	13
TriCounty	1,028	1,078	262	311
Daggett	0	11	4	3
Dutch John	0	7	0	0
Manila	0	4	1	2
Daggett balance	0	0	3	1
Duchesne	587	422	104	112
Altamont	0	13	0	1
Altonah	0	6	0	0
Bluebell	0	14	0	0
Duchesne City	0	56	3	10
Fruitland	1	4	0	0
Mountain Home	0	6	0	0
Myton	0	20	3	6
Neola	2	32	2	2
Roosevelt	583	244	69	35
Tabiona	0	11	1	3
Talmage	0	6	0	0
Duchesne balance	1	10	26	55
Uintah	441	645	154	196
Ballard	0	14	2	7
Fort Duchesne	0	44	4	8
Gusher	0	5	0	0
Jensen	0	7	0	0
Lapoint	0	17	0	0
Naples	0	3	2	2
Randlett	0	11	2	3
Roosevelt	1	2	0	0
Tridell	0	7	0	0
Vernal	439	503	96	79
Whiterocks	0	30	1	5
Uintah balance	1	2	47	92

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 2008

Health district, county and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Utah	12,074	12,506	1,956	1,888
Alpine	1	123	24	32
American Fork	3,168	576	203	151
Benjamin	1	6	1	2
Birdseye	0	0	0	0
Cedar Fort	1	4	2	4
Cedar Hills	2	180	26	32
Cedar Valley	2	13	0	0
Draper (pt.)	0	2	0	0
Eagle Mountain	39	683	9	23
Elberta	0	9	0	1
Elk Ridge	2	36	2	9
Fairfield	0	2	0	0
Genola	1	21	5	7
Goshen	1	17	6	11
Highland	5	244	15	36
Lake Shore	0	4	0	0
Lehi	25	1,426	66	103
Lindon	2	169	12	30
Mapleton	3	111	18	31
Orem	3,092	2,156	382	381
Palmyra	0	1	151	0
Payson	883	485	0	96
Pleasant Grove	8	832	71	116
Provo	4,792	2,805	717	409
Salem	1	92	19	35
Santaquin (pt.)	7	222	20	29
Saratoga Springs	15	535	9	24
Spanish Fork	12	924	82	161
Springlake	0	1	0	0
Springville	11	806	81	119
Vineyard	0	1	0	0
Woodland Hills	0	14	0	3
Utah Co balance	0	6	35	43
Wasatch	273	433	80	100
Charleston	0	0	1	1
Deer Mountain	0	0	0	0
Heber	271	368	60	62
Midway	1	57	8	19
Park City (pt.)	0	0	0	0
Wallsburg	1	7	1	3
Wasatch balance	0	1	10	15
Weber-Morgan	6,859	4,556	1,605	1,456
Morgan	0	145	22	48
Croydon	0	7	0	0
Enterprise (Morgan)	0	0	0	0
Milton	0	0	0	0
Morgan City	0	108	11	23
Mountain Green	0	28	0	0
Peterson	0	1	0	0
Morgan balance	0	1	11	25

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 2008

Health district, county and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Weber	6,859	4,411	1,583	1,408
Eden	0	24	0	0
Farr West	0	103	12	29
Harrisville	0	102	8	18
Hooper	0	103	1	5
Huntsville	0	12	8	12
Liberty	0	11	0	0
Marriott-Slaterville	0	18	1	2
North Ogden	3	262	38	77
North Weber	0	0	0	0
Ogden	4,350	2,245	822	622
Plain City	0	107	10	23
Pleasant View	1	86	11	21
Riverdale	2	145	31	55
Roy	6	716	139	197
South Ogden	1	187	115	118
Taylor	0	11	0	0
Uintah	0	20	1	4
Warren	0	3	0	0
Washington Terrace	2,495	97	299	99
West Haven	1	155	30	35
West Weber	0	3	0	0
Weber balance	0	1	57	91

Table A29. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, health district and county of occurrence: Utah, 2008

Health district, county, and institution of occurrence	Total birth	Under 1500 grams	1500 to under 2500 grams	Fetal death	Infant deaths	Nervous system G00-G98	Respir-atory system J00-J98	Congen-ital anom-alies Q00-Q99	Peri-natal condi-tions P00-P96	Respir-atory distress syndrome P22	Sudden death R95	All other causes
Total	56,788	612	3,332	322	292	8	6	76	3	126	18	55
Bear River	3,305	11	141	14	4	0	0	1	0	3	0	0
Box Elder	505	0	8	1	0	0	0	0	0	0	0	0
Bear River Valley Hospital	125	0	1	0	0	0	0	0	0	0	0	0
Brigham City Community Hospital	371	0	7	1	0	0	0	0	0	0	0	0
Home	8	0	0	0	0	0	0	0	0	0	0	0
Other locations	1	0	0	0	0	0	0	0	0	0	0	0
Cache	2,800	11	133	13	4	0	0	1	0	3	0	0
Cache Valley Specialty Hospital	0	0	0	0	0	0	0	0	0	0	0	0
Logan Regional Hospital	2,774	10	132	13	4	0	0	1	0	3	0	0
Home	26	1	1	0	0	0	0	0	0	0	0	0
Rich	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	989	0	56	3	5	0	1	0	0	0	4	0
Juab	198	0	16	0	0	0	0	0	0	0	0	0
Central Valley Medical Center	178	0	16	0	0	0	0	0	0	0	0	0
Home	20	0	0	0	0	0	0	0	0	0	0	0
Other location	0	0	0	0								
Millard	165	0	8	0	1	0	0	0	0	0	1	0
Delta Community Medical Center	110	0	6	0	0	0	0	0	0	0	0	0
Fillmore Community Medical Center	48	0	2	0	0	0	0	0	0	0	0	0
Home	6	0	0	0	0	0	0	0	0	0	0	0
Other location	1	0	0	0	1	0	0	0	0	0	1	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	362	0	15	1	1	0	0	0	0	0	1	0
Gunnison Valley Hospital	205	0	12	0	0	0	0	0	0	0	0	0
Sanpete Valley Hospital	152	0	3	1	0	0	0	0	0	0	0	0
Home	5	0	0	0	0	0	0	0	0	0	0	0
Other location					1	0	0	0	0	0	1	0
Sevier	263	0	17	2	3	0	1	0	0	0	2	0
Sevier Valley Hospital	261	0	17	2	2	0	1	0	0	0	1	0
Home	1	0	0	0	1	0	0	0	0	0	1	0
Other location	1	0	0	0	0	0	0	0	0	0	0	0
Wayne	1	0	0	0	0	0	0	0	0	0	0	0
Home	1	0	0	0	0	0	0	0	0	0	0	0
Davis	2,894	15	163	12	8	0	1	0	0	4	0	3
Lakeview Hospital	410	0	29	2	2	0	1	0	0	0	0	1
Davis Hospital and Medical Center	2,431	14	134	10	4	0	0	0	0	4	0	0
Home	53	1	0	0	2	0	0	0	0	0	0	2
Salt Lake	23,775	341	1,581	158	196	5	3	64	2	76	8	38
				13								
Alta View Hospital	2,142	8	76	6	4	0	0	0	0	3	0	1
Birth and Family Place	81	0	1	0	0	0	0	0	0	0	0	0
Cottonwood Hospital Medical Center	0	0	0	0	0	0	0	0	0	0	0	0
Great Expectations Birth Care	4	0	0	0	0	0	0	0	0	0	0	0
Intermountain Medical Center	6,516	117	445	32	24	0	0	5	0	17	0	2
Jordan Valley Hospital	3,174	10	138	13	5	0	0	0	0	4	1	0
LDS Hospital	2,702	5	118	17	2	0	0	2	0	0	0	0

Table A29 continued. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, health district and county of occurrence: Utah, 2008

Health district, county, and institution of occurrence	Total birth	Under 1500 grams	1500 to under 2500 grams	Fetal death	Infant deaths	Nervous system G00-G98	Respir-atory system J00-J98	Congen-ital anom-alies Q00-Q99	Peri-natal condi-tions P00-P96	Respir-atory distress syndrome P22	Sudden death R95	All other causes
Pioneer Valley Hospital	803	3	60	6	3	0	0	2	0	1	0	0
Primary Childrens Medical Center	0	0	0	0	91	4	3	30	0	21	3	30
St. Mark's Hospital	3,740	46	286	24	8	0	0	0	0	8	0	0
Salt Lake Regional Medical Center	942	1	44	5	0	0	0	0	0	0	0	0
University of Utah Hospital	3,403	149	408	42	49	0	0	23	2	22	0	2
Home	264	2	4	0	9	1	0	2	0	0	3	3
Other location	4	0	1	0	1	0	0	0	0	0	1	0
Southeastern	671	5	26	4	3	0	0	0	0	1	0	2
Carbon	404	4	20	3	2	0	0	0	0	1	0	1
Castleview Hospital	403	4	20	3	2	0	0	0	0	1	0	1
Home	1	0	0	0	0	0	0	0	0	0	0	0
Emery	7	0	0	0	1	0	0	0	0	0	0	1
Home	7	0	0	0	0	0	0	0	0	0	0	0
Other location	0	0	0	0	1	0	0	0	0	0	0	1
Grand	100	0	4	0	0	0	0	0	0	0	0	0
Allen Memorial Hospital	98	0	4	0	0	0	0	0	0	0	0	0
Home	2	0	0	0	0	0	0	0	0	0	0	0
San Juan	160	1	2	1	0	0	0	0	0	0	0	0
Blanding Medical Center	60	0	1	1	0	0	0	0	0	0	0	0
San Juan Hospital	97	0	1	0	0	0	0	0	0	0	0	0
Home	2	0	0	0	0	0	0	0	0	0	0	0
Other Locations	1	1	0	0	0	0	0	0	0	0	0	0
Southwest	4,420	35	229	15	17	2	0	3	0	10	0	2
Beaver	90	0	4	0	0	0	0	0	0	0	0	0
Beaver Valley Hospital	88	0	4	0	0	0	0	0	0	0	0	0
Milford Valley Memorial Hospital	0	0	0	0	0	0	0	0	0	0	0	0
Home	2	0	0	0	0	0	0	0	0	0	0	0
Garfield	31	1	2	0	1	0	0	0	0	1	0	0
Garfield Memorial Hospital	31	1	2	0	1	0	0	0	0	1	0	0
Iron	1,036	5	36	1	5	0	0	1	0	3	0	1
Valley View Medical Center	998	5	36	1	5	0	0	1	0	3	0	1
Home	38	0	0	0	0	0	0	0	0	0	0	0
Kane	87	0	3	0	1	1	0	0	0	0	0	0
Kane County Hospital	84	0	3	0	0	0	0	0	0	0	0	0
Home	3	0	0	0	1	1	0	0	0	0	0	0
Washington	3,176	29	184	14	10	1	0	2	0	6	0	1
Dixie Regional Medical Center	2,766	29	175	13	8	0	0	2	0	6	0	0
Hildale Maternity Home	330	0	8	1	0	0	0	0	0	0	0	0
Home	80	0	1	0	2	1	0	0	0	0	0	1
Summit	5	0	0	0	0	0	0	0	0	0	0	0
Home	4	0	0	0	0	0	0	0	0	0	0	0
Other location	1	0	0	0	0	0	0	0	0	0	0	0

Table A29 continued. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, health district and county of occurrence: Utah, 2008

Health district, county, and institution of occurrence	Total birth	Under 1500 grams	1500 to under 2500 grams	Fetal death	Infant deaths	Nervous system G00-G98	Respir-atory system J00-J98	Congen-ital anom-alies Q00-Q99	Peri-natal condi-tions P00-P96	Respir-atory distress syndrome P22	Sudden death R95	All other causes
Tooele	495	1	20	9	2	0	0	1	0	0	0	1
Tooele Valley Regional Medical Center	0	0	0	9	1	0	0	0	0	0	0	1
Mountain West Medical Center	487	1	20	0	0	0	0	0	0	0	0	0
Home	6	0	0	0	1	0	0	1	0	0	0	0
Other location	2	0	0	0	0	0	0	0	0	0	0	0
TriCounty	1,028	4	64	7	2	0	0	0	0	1	1	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	587	3	37	5	1	0	0	0	0	0	1	0
Uintah Basin Medical Center	583	3	37	5	1	0	0	0	0	0	1	0
Home	4	0	0	0	0	0	0	0	0	0	0	0
Uintah	441	1	27	2	1	0	0	0	0	1	0	0
Ashley Regional Medical Center	434	1	25	2	1	0	0	0	0	1	0	0
Home	7	0	2	0	0	0	0	0	0	0	0	0
Utah County	12,074	105	572	52	32	0	0	5	0	16	5	6
American Fork Hospital	3,159	6	133	20	7	0	0	1	0	3	1	2
BellaNatal Birthing Suites	28	0	0	0	0	0	0	0	0	0	0	0
Mountain View Hospital	875	0	34	6	1	0	0	0	0	0	1	0
Orem Community Hospital	1,430	0	37	3	0	0	0	0	0	0	0	0
Timpanogos Regional Hospital	1,599	5	64	3	2	0	0	0	0	1	0	1
Utah Valley Regional Medical Center	4,751	94	300	19	17	0	0	3	0	12	0	2
Home	230	0	4	1	3	0	0	0	0	0	2	1
Other location	2	0	0	0	2	0	0	1	0	0	1	0
Wasatch	273	0	15	3	1	0	0	0	0	0	0	1
Heber Valley Medical Center	267	0	15	3	0	0	0	0	0	0	0	0
Home	6	0	0	0	0	0	0	0	0	0	0	0
Other location	0	0	0	0	1	0	0	0	0	0	0	1
Weber-Morgan	6,859	95	465	45	22	1	1	2	1	15	0	2
Morgan	0	0	0	0	0	0	0	0	0	0	0	0
Home	0	0	0	0	0	0	0	0	0	0	0	0
Weber	6,859	95	465	45	22	1	1	2	1	15	0	2
Ogden Regional Medical Ctr	2,494	32	165	12	10	0	1	1	0	8	0	0
McKay-Dee Hospital	4,333	63	300	32	11	0	0	1	1	7	0	2
Home	30	0	0	0	1	1	0	0	0	0	0	0
Other location	2	0	0	0	0	0	0	0	0	0	0	0

Table A30. Fetal deaths by health district, county of residence and age of mother: Utah, 2008

Health district and county	Total	Age of woman: Under 15	15 to 19: Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over
Total	310	0	31	9	22	65	96	72	34	12	0
Bear River	17	0	3	1	2	3	4	4	2	1	0
Box Elder	3	0	0	0	0	0	0	2	1	0	0
Cache	14	0	3	1	2	3	4	2	1	1	0
Rich	0	0	0	0	0	0	0	0	0	0	0
Central Utah	2	0	1	1	0	0	0	0	1	0	0
Juab	1	0	1	1	0	0	0	0	0	0	0
Millard	0	0	0	0	0	0	0	0	0	0	0
Piute	0	0	0	0	0	0	0	0	0	0	0
Sanpete	1	0	0	0	0	0	0	0	1	0	0
Sevier	0	0	0	0	0	0	0	0	0	0	0
Wayne	0	0	0	0	0	0	0	0	0	0	0
Davis	36	0	0	0	0	9	14	6	5	2	0
Salt Lake	117	0	10	3	7	22	37	33	10	5	0
Southeastern	5	0	1	0	1	2	2	0	0	0	0
Carbon	3	0	1	0	1	0	2	0	0	0	0
Emery	0	0	0	0	0	0	0	0	0	0	0
Grand	0	0	0	0	0	0	0	0	0	0	0
San Juan	2	0	0	0	0	2	0	0	0	0	0
Southwest	13	0	3	0	3	3	3	1	2	1	0
Beaver	0	0	0	0	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0	0
Iron	3	0	0	0	0	1	1	0	1	0	0
Kane	0	0	0	0	0	0	0	0	0	0	0
Washington	10	0	3	0	3	2	2	1	1	1	0
Summit	8	0	1	0	1	1	1	4	1	0	0
Tooele	14	0	1	0	1	3	3	4	2	1	0
TriCounty	8	0	1	0	1	3	2	1	1	0	0
Daggett	0	0	0	0	0	0	0	0	0	0	0
Duchesne	4	0	1	0	1	1	1	1	0	0	0
Uintah	4	0	0	0	0	2	1	0	1	0	0
Utah County	56	0	4	1	3	16	19	11	6	0	0
Wasatch	2	0	1	0	1	0	1	0	0	0	0
Weber-Morgan	32	0	5	3	2	3	10	8	4	2	0
Morgan	1	0	0	0	0	0	1	0	0	0	0
Weber	31	0	5	3	2	3	9	8	4	2	0

Table A31. Fetal deaths by selected cause and gender, residents: Utah, 2008

	Cause of death (10th rev.)	ICD-10 code	Total	Gender: Male	Female	Un-known
	Total		**310**	**176**	**131**	**3**
	Certain infectious and parasitic diseases	**A00-B99**	**0**	**0**	**0**	**0**
1	Congenital syphilis	A50	0	0	0	0
2	Human immunodeficiency virus (HIV) disease	B20-B24	0	0	0	0
3	Other viral diseases	A80-B19, B25-B34	0	0	0	0
4	Other and unspecified infectious and parasitic diseases	A00-A49, A51-A79, B35-B99	0	0	0	0
5	**Malignant neoplasms**	**C00-C97**	**1**	**1**	**0**	**0**
6	**In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior**	**D00-D48**	**0**	**0**	**0**	**0**
7	**Anemias**	**D50-D64**	**0**	**0**	**0**	**0**
	Endocrine, nutritional and metabolic diseases	**E00-E88**	**0**	**0**	**0**	**0**
8	Short stature, not elsewhere classified	E34.3	0	0	0	0
9	Cystic fibrosis	E84	0	0	0	0
10	Other endocrine, nutritional and metabolic diseases	E00-E32, E34.0-	0	0	0	0
11	**Meningitis**	**G00, G03**	**0**	**0**	**0**	**0**
12	**Other diseases of nervous system and sense organs**	**G04-H93**	**0**	**0**	**0**	**0**
13	**Umbilical hernia**	**K42**	**0**	**0**	**0**	**0**
14	**Other hernia**	**K40-K41, K43-K46**	**0**	**0**	**0**	**0**
15	**Other and unspecified diseases of digestive system**	**K00-K38, K50-K92**	**0**	**0**	**0**	**0**
16	**All other diseases, excluding perinatal conditions, congenital anomalies, and symptoms, signs and ill defined conditions**	**D65-D89, I00-J98, L00-N98**	**0**	**0**	**0**	**0**
	Certain conditions originating in the perinatal period	**P00-P96**	**273**	**153**	**118**	**2**
	Fetus affected by maternal conditions that may be unrelated to present pregnancy	**P00**	**18**	**10**	**8**	**0**
17	Fetus affected by maternal hypertensive disorders	P00.0	13	5	8	0
18	Fetus affected by maternal renal and urinary tract diseases	P00.1	0	0	0	0
19	Fetus affected by maternal infectious and parasitic diseases	P00.2	0	0	0	0
20	Fetus affected by other maternal circulatory and respiratory diseases	P00.3	1	1	0	0
21	Fetus affected by maternal nutritional disorders	P00.4	0	0	0	0
22	Fetus affected by maternal injury	P00.5	1	1	0	0
23	Fetus affected by surgical procedure on mother	P00.6	0	0	0	0
24	Fetus affected by other medical procedures and maternal conditions	P00.7-P00.8	2	2	0	0
25	Fetus affected by unspecified maternal condition	P00.9	1	1	0	0
	Fetus affected by maternal complications of pregnancy	**P01**	**38**	**22**	**16**	**0**
26	Fetus affected by incompetent cervix	P01.0	12	9	3	0
27	Fetus affected by premature rupture of membranes	P01.1	16	7	9	0
28	Fetus affected by oligohydramnios	P01.2	5	2	3	0
29	Fetus affected by polyhydramnios	P01.3	0	0	0	0
30	Fetus affected by ectopic pregnancy	P01.4	0	0	0	0
31	Fetus affected by multiple pregnancy	P01.5	4	3	1	0
32	Fetus affected by maternal death	P01.6	0	0	0	0
33	Fetal affected by malpresentation before labor	P01.7	0	0	0	0
34	Fetus affected by other and unspecified maternal complications of pregnancy	P01.8-P01.9	1	1	0	0
	Fetus affected by complications of placenta, cord and membranes	**P02**	**97**	**53**	**43**	**1**
35	Fetus affected by placenta previa	P02.0	1	1	0	0
36	Fetus affected by other forms of placental separation and hemorrhage	P02.1	32	17	14	1
37	Fetus affected by other and unspecified morphological and functional abnormalities of placenta	P02.2	7	1	6	0
38	Fetus affected by placental transfusion syndromes	P02.3	5	2	3	0
39	Fetus affected by prolapsed cord	P02.4	7	4	3	0
40	Fetus affected by other compression of umbilical cord	P02.5	37	24	13	0
41	Fetus affected by other and unspecified conditions of umbilical cord	P02.6	5	2	3	0
42	Fetus affected by chorioamnionitis	P02.7	2	2	0	0
43	Fetus affected by other and unspecified abnormalities of membranes	P02.8-P02.9	1	0	1	0

Table A31 continued. Fetal deaths by selected cause and gender, residents: Utah, 2008

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

Table A31 continued. Fetal deaths by selected cause and gender, residents: Utah, 2008

	Cause of death (10th rev.)	ICD-10 code	Total	Gender: Male	Female	Un-known
86	**Digestive system disorders of fetus**	**P76-P78**	**0**	**0**	**0**	**0**
	Other conditions originating in the perinatal period	**P29, P80-P96**	**104**	**56**	**47**	**1**
87	Hydrops fetalis not due to hemolytic disease	P83.2	6	4	2	0
88	Fetal death of unspecified cause	P95	92	49	42	1
89	Withdrawal symptoms from maternal use of drugs of addiction	P96.1	0	0	0	0
90	Termination of pregnancy	P96.4	0	0	0	0
91	Complications of intrauterine procedures, not elsewhere classified	P96.5	0	0	0	0
92	All other specified conditions originating in the perinatal period	P29, P83.0-P83.1, P83.3-P83.9, P91, P94 ,P96.0, P96.3, P96.8	3	1	2	0
93	Condition originating in the perinatal period, unspecified	P96.9	3	2	1	0
	Congenital malformations, deformations and chromosomal	**Q00-Q99**	**36**	**22**	**13**	**1**
	Congenital malformations of nervous system	**Q00-Q07**	**5**	**2**	**3**	**0**
94	Anencephaly and similar malformations	Q00	5	2	3	0
95	Encephalocele	Q01	0	0	0	0
96	Microcephaly	Q02	0	0	0	0
97	Congenital hydrocephalus	Q03	0	0	0	0
98	Reduction deformities of brain	Q04.0-Q04.3	0	0	0	0
99	Other congenital malformations of brain	Q04.4-Q04.9	0	0	0	0
100	Spina bifida	Q05	0	0	0	0
101	Other congenital malformations of spinal cord and nervous system	Q06-Q07	0	0	0	0
102	**Congenital malformations of eye, ear, face and neck**	**Q10-Q18**	**0**	**0**	**0**	**0**
103	**Congenital malformations of heart**	**Q20-Q24**	**9**	**6**	**3**	**0**
104	**Congenital malformations of circulatory system**	**Q25-Q28**	**0**	**0**	**0**	**0**
105	**Congenital malformations of lung**	**Q33**	**0**	**0**	**0**	**0**
106	**Other congenital malformations of respiratory system**	**Q30-Q32, Q34**	**0**	**0**	**0**	**0**
107	**Congenital malformations of digestive system**	**Q35-Q45**	**1**	**0**	**0**	**1**
108	**Congenital malformations of genital organs**	**Q50-Q56**	**0**	**0**	**0**	**0**
	Congenital malformations of urinary system	**Q60-Q64**	**0**	**0**	**0**	**0**
109	Renal agenesis and other reduction defects of kidney	Q60	0	0	0	0
110	Cystic kidney disease	Q61	0	0	0	0
111	Other congenital malformations of urinary system	Q62-Q64	0	0	0	0
112	**Congenital malformations and deformations of musculoskeletal system, limbs and integument**	**Q65-Q85**	**3**	**2**	**1**	**0**
	Other congenital malformations	**Q86-Q89**	**6**	**3**	**3**	**0**
113	Conjoined twins	Q89.4	0	0	0	0
114	Multiple congenital malformations, not elsewhere classified	Q89.7	1	1	0	0
115	All other congenital malformations	Q86-Q87, Q89.0-Q89.3, Q89.8-Q89.9	5	2	3	0
	Chromosomal abnormalities, not elsewhere classified	**Q90-Q99**	**12**	**9**	**3**	**0**
116	Down's syndrome	Q90	3	2	1	0
117	Edward's syndrome	Q91.0-Q91.3	7	6	1	0
118	Patau's syndrome	Q91.4-Q91.7	0	0	0	0
119	Other chromosomal abnormalities, not elsewhere classified	Q92-Q99	2	1	1	0
120	**Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified**	**R83-R94**	**0**	**0**	**0**	**0**
	External causes of mortality	***U01, V01-Y84**	**0**	**0**	**0**	**0**
121	Accidents (unintentional injuries)	V01-X59	0	0	0	0
122	Assault (homicide)	*U01, X85-Y09	0	0	0	0
123	Complications of medical and surgical care	Y40-Y84	0	0	0	0
124	Other external causes	Y10-Y36	0	0	0	0

Table A32. Deaths to infants by race/ethnicity and age of infant, health district and county of residence: Utah, 2008

Health district and county	Total			White			Hispanic all races			Black			Native American			Asian and Pacific Islander			Race not stated		
	Total	Neo-natal	Post neo-natal	Total	Neo-natal	Post neo-natal	Total	Neo-natal	Post neo-natal	Total	Neo-natal	Post neo-natal	Total	Neo-natal	Post neo-natal	Total	Neo-natal	Post neo-natal	Total	Neo-natal	Post neo-natal
Total	264	176	88	183	119	64	54	39	15	2	2	0	0	0	0	11	6	5	14	10	4
Bear River	12	11	1	11	10	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Box Elder	6	5	1	6	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cache	5	5	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Rich	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	8	3	5	6	3	3	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Juab	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Millard	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	6	3	3	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis	27	17	10	23	13	10	3	3	0	0	0	0	0	0	0	0	0	0	1	1	0
Salt Lake	106	76	30	61	44	17	29	20	9	2	2	0	0	0	0	7	4	3	7	6	1
Southeastern	4	2	2	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carbon	2	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emery	2	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Juan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	22	14	8	20	12	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Beaver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron	7	7	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kane	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	14	7	7	12	5	7	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Summit	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tooele	8	5	3	7	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TriCounty	6	4	2	5	4	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	2	0	2	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Uintah	4	4	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah County	46	26	20	28	14	14	12	9	3	0	0	0	0	0	0	4	2	2	2	1	1
Wasatch	3	2	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber-Morgan	20	15	5	13	10	3	5	4	1	0	0	0	0	0	0	0	0	0	2	1	1
Morgan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber	20	15	5	13	10	3	5	4	1	0	0	0	0	0	0	0	0	0	2	1	1

Hispanic deaths are not distributed by race.

Table A33. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2008

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total	White	Non-white	Age: 28 days to one year	Age: Total under 28 days	Age: 7-27 days	Age: 1-6 days	Age: Under 1 day
	Total		**T**	**264**	**223**	**41**	**88**	**176**	**33**	**30**	**113**
			M	**158**	**128**	**30**	**52**	**106**	**21**	**14**	**71**
			F	**106**	**95**	**11**	**36**	**70**	**12**	**16**	**42**
	Certain infectious and parasitic diseases	**A00-B99**	**T**	**5**	**4**	**1**	**5**	**0**	**0**	**0**	**0**
			M	**1**	**1**	**0**	**1**	**0**	**0**	**0**	**0**
			F	**4**	**3**	**1**	**4**	**0**	**0**	**0**	**0**
1	Certain intestinal infectious diseases	A00-A08	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
2	Diarrhea and gastroenteritis of infectious origin	A09	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
3	Tuberculosis	A16-A19	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
4	Tetanus	A33, A35	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
5	Diphtheria	A36	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
6	Whooping cough	A37	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
7	Meningococcal infection	A39	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
8	Septicemia	A40-A41	T	3	3	0	3	0	0	0	0
			M	1	1	0	1	0	0	0	0
			F	2	2	0	2	0	0	0	0
9	Congenital syphilis	A50	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
10	Gonococcal infection	A54	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
	Viral diseases	A80-B34	T	1	1	0	1	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	1	1	0	1	0	0	0	0
11	Acute poliomyelitis	A80	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
12	Varicella (chickenpox)	B01	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
13	Measles	B05	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
14	Human immunodeficiency virus (HIV) disease	B20-B24	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
15	Mumps	B26	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
16	Other and unspecified viral diseases	A81-B00, B02-B04,B06-B19,B25,B27-B34	T	1	1	0	1	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	1	1	0	1	0	0	0	0
17	Candidiasis	B37	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2008

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total	Race: White	Race: Non-White	Age: 28 days to one year	Age: Total under 28 days	Age: 7-27 days	Age: 1-6 days	Age: Under 1 day
18	Malaria	B50-B54	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
19	Pneumocystosis	B59	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
20	All other and unspecified infectious and parasitic diseases	A20-A32, A38, A42-A49, A51-A53, A55-A79, B35-B36, B38-B49, B55-B58, B60-B99	T	1	0	1	1	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	1	0	1	1	0	0	0	0
	Neoplasms	**C00-D48**	**T**	**2**	**2**	**0**	**1**	**1**	**1**	**0**	**0**
			M	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
			F	**2**	**2**	**0**	**1**	**1**	**1**	**0**	**0**
	Malignant Neoplasms	C00-C97	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
21	Hodgkin's disease and non-Hodgkin's lymphomas	C81-C85	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
22	Leukemia	C91-C95	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
23	Other and unspecified malignant neoplasms	C00-C80, C88, C90, C96-C97	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
24	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	T	2	2	0	1	1	1	0	0
			M	0	0	0	0	0	0	0	0
			F	2	2	0	1	1	1	0	0
	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	**D50-D89**	**T**	**2**	**2**	**0**	**1**	**1**	**1**	**0**	**0**
			M	**1**	**1**	**0**	**0**	**1**	**1**	**0**	**0**
			F	**1**	**1**	**0**	**1**	**0**	**0**	**0**	**0**
25	Anemias	D50-D64	T	1	1	0	1	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	1	1	0	1	0	0	0	0
26	Hemorrhagic conditions and other diseases of blood and blood-forming organs	D65-D76	T	1	1	0	0	1	1	0	0
			M	1	1	0	0	1	1	0	0
			F	0	0	0	0	0	0	0	0
27	Certain disorders involving the immune mechanism	D80-D89	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
	Endocrine, nutritional, and metabolic diseases	**E00-E88**	**T**	**3**	**2**	**1**	**3**	**0**	**0**	**0**	**0**
			M	**2**	**1**	**1**	**2**	**0**	**0**	**0**	**0**
			F	**1**	**1**	**0**	**1**	**0**	**0**	**0**	**0**
28	Short stature, not elsewhere classified	E34.3	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
29	Nutritional deficiencies	E40-E64	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
30	Cystic fibrosis	E84	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
31	Volume depletion, disorders of fluid, electrolyte and acid-base balance	E86-E87	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
32	All other endocrine, nutritional and metabolic diseases	E00-E32, E34.0-E34.2, E34.4-E34.9, E65-E83, E85, E88	T	3	2	1	3	0	0	0	0
			M	2	1	1	2	0	0	0	0
			F	1	1	0	1	0	0	0	0
	Diseases of the nervous system	**G00-G98**	**T**	**7**	**5**	**2**	**5**	**2**	**1**	**0**	**1**
			M	**5**	**3**	**2**	**4**	**1**	**1**	**0**	**0**
			F	**2**	**2**	**0**	**1**	**1**	**0**	**0**	**1**

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2008

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total	Race: White	Race: Non-White	Age: 28 days to one year	Age: Total under 28 days	Age: 7-27 days	Age: 1-6 days	Age: Under 1 day
33	Meningitis	G00,G03	T	2	2	0	2	0	0	0	0
			M	1	1	0	1	0	0	0	0
			F	1	1	0	1	0	0	0	0
34	Infantile spinal muscular atrophy, type I (Werdnig-Hoffman)	G12.0	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
35	Infantile cerebral palsy	G80	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
36	Anoxic brain damage, not elsewhere classified	G93.1	T	1	0	1	1	0	0	0	0
			M	1	0	1	1	0	0	0	0
			F	0	0	0	0	0	0	0	0
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	4	3	1	2	2	1	0	1
			M	3	2	1	2	1	1	0	0
			F	1	1	0	0	1	0	0	1
38	**Diseases of the ear and mastoid process**	**H60-H93**	**T**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
			M	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
			F	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Diseases of the circulatory system	**I00-I99**	**T**	**13**	**10**	**3**	**8**	**5**	**1**	**2**	**2**
			M	**9**	**6**	**3**	**7**	**2**	**1**	**1**	**0**
			F	**4**	**4**	**0**	**1**	**3**	**0**	**1**	**2**
39	Pulmonary heart disease and diseases of pulmonary circulation	I26-I28	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
40	Pericarditis, endocarditis and myocarditis	I30,I33,I40	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
41	Cardiomyopathy	I42	T	3	2	1	2	1	0	1	0
			M	2	1	1	2	0	0	0	0
			F	1	1	0	0	1	0	1	0
42	Cardiac arrest	I46	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
43	Cerebrovascular diseases	I60-I69	T	7	6	1	4	3	1	0	2
			M	4	3	1	3	1	1	0	0
			F	3	3	0	1	2	0	0	2
44	All other diseases of circulatory system	I00-I25, I31, I34-I38, I44-I45, I47-I51, I70-I99	T	3	2	1	2	1	0	1	0
			M	3	2	1	2	1	0	1	0
			F	0	0	0	0	0	0	0	0
	Diseases of the respiratory system	**J00-J98**	**T**	**5**	**5**	**0**	**5**	**0**	**0**	**0**	**0**
			M	**4**	**4**	**0**	**4**	**0**	**0**	**0**	**0**
			F	**1**	**1**	**0**	**1**	**0**	**0**	**0**	**0**
45	Acute upper respiratory infections	J00-J06	T	1	1	0	1	0	0	0	0
			M	1	1	0	1	0	0	0	0
			F	0	0	0	0	0	0	0	0
	Influenza and pneumonia	J10-J18	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
46	Influenza	J10-J11	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
47	Pneumonia	J12-J18	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
48	Acute bronchitis and acute bronchiolitis	J20-J21	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
49	Bronchitis, chronic and unspecified	J40-J42	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2008

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total	Race: White	Race: Non-White	Age: 28 days to one year	Age: Total under 28 days	Age: 7-27 days	Age: 1-6 days	Age: Under 1 day
50	Asthma	J45-J46	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
51	Pneumonitis due to solids and liquids	J69	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
52	Other and unspecified diseases of respiratory system	J22, J30-J39, J43-J44, J47-J68, J70-J98	T	4	4	0	4	0	0	0	0
			M	3	3	0	3	0	0	0	0
			F	1	1	0	1	0	0	0	0
	Diseases of the digestive system	**K00-K92**	**T**	**5**	**4**	**1**	**4**	**1**	**0**	**1**	**0**
			M	**1**	**0**	**1**	**0**	**1**	**0**	**1**	**0**
			F	**4**	**4**	**0**	**4**	**0**	**0**	**0**	**0**
53	Gastritis, duodenitis, and noninfective enteritis and colitis	K29,K50-K55	T	3	3	0	3	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	3	3	0	3	0	0	0	0
54	Hernia of abdominal cavity and intestinal obstruction without hernia	K40-K46, K56	T	1	0	1	0	1	0	1	0
			M	1	0	1	0	1	0	1	0
			F	0	0	0	0	0	0	0	0
55	All other and unspecified diseases of digestive system	K00-K28, K30-K38, K57-K92	T	1	1	0	1	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	1	1	0	1	0	0	0	0
	Diseases of the genitourinary system	**N00-N98**	**T**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
			M	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
			F	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
56	Renal failure and other disorders of kidney	N17-N19,N25,N27	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
57	Other and unspecified diseases of genitourinary system	N00-N15,N20-N23,N26,N28-N95	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
	Certain conditions originating in the perinatal period	**P00-P96**	**T**	**115**	**98**	**17**	**2**	**113**	**21**	**16**	**76**
			M	**69**	**58**	**11**	**1**	**68**	**12**	**7**	**49**
			F	**46**	**40**	**6**	**1**	**45**	**9**	**9**	**27**
	Newborn affected by maternal factors and by complications of pregnancy, labor and delivery	P00-P04	T	43	38	5	0	43	1	6	36
			M	29	25	4	0	29	0	3	26
			F	14	13	1	0	14	1	3	10
58	Newborn affected by maternal hypertensive disorders	P00.0	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
59	Newborn affected by other maternal conditions which may be unrelated to present pregnancy	P00.1-P00.9	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
	Newborn affected by maternal complications of pregnancy	P01	T	24	22	2	0	24	0	3	21
			M	14	13	1	0	14	0	2	12
			F	10	9	1	0	10	0	1	9
60	Newborn affected by incompetent cervix	P01.0	T	8	8	0	0	8	0	1	7
			M	6	6	0	0	6	0	1	5
			F	2	2	0	0	2	0	0	2
61	Newborn affected by premature rupture of membranes	P01.1	T	9	7	2	0	9	0	1	8
			M	4	3	1	0	4	0	1	3
			F	5	4	1	0	5	0	0	5
62	Newborn affected by multiple pregnancy	P01.5	T	3	3	0	0	3	0	0	3
			M	1	1	0	0	1	0	0	1
			F	2	2	0	0	2	0	0	2
63	Newborn affected by other maternal complications of pregnancy	P01.2-P01.4, P01.6-P01.9	T	4	4	0	0	4	0	1	3
			M	3	3	0	0	3	0	0	3
			F	1	1	0	0	1	0	1	0
	Newborn affected by complications of placenta, cord and membranes	P02	T	16	13	3	0	16	1	3	12
			M	12	9	3	0	12	0	1	11
			F	4	4	0	0	4	1	2	1
64	Newborn affected by complications involving placenta	P02.0-P02.3	T	10	8	2	0	10	1	2	7
			M	7	5	2	0	7	0	1	6
			F	3	3	0	0	3	1	1	1

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2008

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total	Race: White	Race: Non-White	Age: 28 days to one year	Age: Total under 28 days	Age: 7-27 days	Age: 1-6 days	Age: Under 1 day
65	Newborn affected by complications involving cord	P02.4-P02.6	T	2	2	0	0	2	0	1	1
			M	1	1	0	0	1	0	0	1
			F	1	1	0	0	1	0	1	0
66	Newborn affected by chorioamnionitis	P02.7	T	4	3	1	0	4	0	0	4
			M	4	3	1	0	4	0	0	4
			F	0	0	0	0	0	0	0	0
67	Newborn affected by other and unspecified abnormalities of membranes	P02.8-P02.9	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
68	Newborn affected by other complications of labor and delivery	P03	T	3	3	0	0	3	0	0	3
			M	3	3	0	0	3	0	0	3
			F	0	0	0	0	0	0	0	0
69	Newborn affected by noxious influences transmitted via placenta or breast milk	P04	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
	Disorders related to length of gestation and fetal malnutrition	P05-P08	T	28	22	6	0	28	1	2	25
			M	14	11	3	0	14	1	1	12
			F	14	11	3	0	14	0	1	13
70	Slow fetal growth and fetal malnutrition	P05	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
	Disorders related to short gestation and low birth weight, not elsewhere classified	P07	T	28	22	6	0	28	1	2	25
			M	14	11	3	0	14	1	1	12
			F	14	11	3	0	14	0	1	13
71	Extremely low birth weight or extreme immaturity	P07.0-P07.2	T	18	14	4	0	18	1	2	15
			M	10	8	2	0	10	1	1	8
			F	8	6	2	0	8	0	1	7
72	Other low birth weight or preterm	P07.1-P07.3	T	10	8	2	0	10	0	0	10
			M	4	3	1	0	4	0	0	4
			F	6	5	1	0	6	0	0	6
73	Disorders related to long gestation and high birth weight	P08	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
74	Birth Trauma	P10-P15	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
	Intrauterine hypoxia and birth asphyxia	P20-P21	T	3	2	1	0	3	0	0	3
			M	3	2	1	0	3	0	0	3
			F	0	0	0	0	0	0	0	0
75	Intrauterine hypoxia	P20	T	1	1	0	0	1	0	0	1
			M	1	1	0	0	1	0	0	1
			F	0	0	0	0	0	0	0	0
76	Birth asphyxia	P21	T	2	1	1	0	2	0	0	2
			M	2	1	1	0	2	0	0	2
			F	0	0	0	0	0	0	0	0
77	Respiratory distress of newborn	P22	T	1	1	0	0	1	1	0	0
			M	1	1	0	0	1	1	0	0
			F	0	0	0	0	0	0	0	0
	Other respiratory conditions originating in the perinantal period	P23-P28	T	4	3	1	1	3	0	1	2
			M	4	3	1	1	3	0	1	2
			F	0	0	0	0	0	0	0	0
78	Congenital pneumonia	P23	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
79	Neonatal aspiration syndromes	P24	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
80	Interstitial emphysema and related conditions originating in the perinatal period	P25	T	1	1	0	0	1	0	0	1
			M	1	1	0	0	1	0	0	1
			F	0	0	0	0	0	0	0	0

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2008

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

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2008

	Cause of death (10th rev.)	ICD-10 Code	Sex	Total	Race: White	Race: Non-White	Age: 28 days to one year	Age: Total under 28 days	Age: 7-27 days	Age: 1-6 days	Age: Under 1 day
	Congenital malformations, deformations and chromosomal abnormalities	**Q00-Q99**	**T**	**68**	**58**	**10**	**16**	**52**	**7**	**11**	**34**
			M	**40**	**33**	**7**	**7**	**33**	**6**	**5**	**22**
			F	**28**	**25**	**3**	**9**	**19**	**1**	**6**	**12**
96	Anencephaly and similar malformations	Q00	T	4	4	0	0	4	0	1	3
			M	1	1	0	0	1	0	0	1
			F	3	3	0	0	3	0	1	2
97	Congenital hydrocephalus	Q03	T	1	0	1	0	1	0	0	1
			M	1	0	1	0	1	0	0	1
			F	0	0	0	0	0	0	0	0
98	Spina bifida	Q05	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
99	Other congenital malformations of nervous system	Q01-Q02, Q04, Q06-Q07	T	7	5	2	3	4	0	0	4
			M	3	1	2	2	1	0	0	1
			F	4	4	0	1	3	0	0	3
100	Congenital malformations of heart	Q20-Q24	T	17	13	4	9	8	4	2	2
			M	9	8	1	4	5	4	1	0
			F	8	5	3	5	3	0	1	2
101	Other congenital malformations of circulatory system	Q25-Q28	T	3	3	0	1	2	1	1	0
			M	1	1	0	0	1	1	0	0
			F	2	2	0	1	1	0	1	0
102	Congenital malformations of respiratory system	Q30-Q34	T	6	4	2	0	6	0	2	4
			M	5	3	2	0	5	0	2	3
			F	1	1	0	0	1	0	0	1
103	Congenital malformations of digestive system	Q35-Q45	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
104	Congenital malformations of genitourinary system	Q50-Q64	T	7	7	0	0	7	1	1	5
			M	5	5	0	0	5	0	1	4
			F	2	2	0	0	2	1	0	1
105	Congenital malformations and deformations of musculoskeletal system, limbs and integument	Q65-Q85	T	7	6	1	1	6	0	1	5
			M	5	4	1	0	5	0	0	5
			F	2	2	0	1	1	0	1	0
106	Downs syndrome	Q90	T	0	0	0	0	0	0	0	0
			M	0	0	0	0	0	0	0	0
			F	0	0	0	0	0	0	0	0
107	Edwards syndrome	Q91.0-Q91.3	T	5	5	0	0	5	0	1	4
			M	3	3	0	0	3	0	0	3
			F	2	2	0	0	2	0	1	1
108	Pataus syndrome	Q91.4-Q91.7	T	4	4	0	0	4	0	2	2
			M	2	2	0	0	2	0	1	1
			F	2	2	0	0	2	0	1	1
109	Other congenital malformations and deformations	Q10-Q18, Q86-Q89	T	5	5	0	1	4	1	0	3
			M	4	4	0	1	3	1	0	2
			F	1	1	0	0	1	0	0	1
110	Other chromosomal abnormalities, not elsewhere classified	Q92-Q99	T	2	2	0	1	1	0	0	1
			M	1	1	0	0	1	0	0	1
			F	1	1	0	1	0	0	0	0
	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	**R00-R99**	**T**	**31**	**25**	**6**	**30**	**1**	**1**	**0**	**0**
			M	**19**	**14**	**5**	**19**	**0**	**0**	**0**	**0**
			F	**12**	**11**	**1**	**11**	**1**	**1**	**0**	**0**
111	Sudden infant death syndrome	R95	T	17	15	2	17	0	0	0	0
			M	11	9	2	11	0	0	0	0
			F	6	6	0	6	0	0	0	0
112	Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55-R94, R96-R99	T	14	10	4	13	1	1	0	0
			M	8	5	3	8	0	0	0	0
			F	6	5	1	5	1	1	0	0
113	**All other diseases (residual)**	**F01-F99, H00-H57, L00-M99**	**T**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
			M	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
			F	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2008

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

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 2008

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

Table A34. Deaths to infants under one year of age and fetal deaths by mother's health district and county of residence: Utah, 2008

Health district and county	Total under 1 year	Age: Infant mortality: 28 days to 1 year	Neonatal mortality: 7-27 days	Neonatal mortality: 1-6 days	Perinatal mortality: 1-24 hours	Perinatal mortality: Under 1 hour	Fetal deaths
Total	264	88	33	30	69	44	310
Bear River	12	1	1	4	2	4	17
Box Elder	6	1	1	2	0	2	3
Cache	5	0	0	1	2	2	14
Rich	1	0	0	1	0	0	0
Central Utah	8	5	2	1	0	0	2
Juab	0	0	0	0	0	0	1
Millard	1	1	0	0	0	0	0
Piute	0	0	0	0	0	0	0
Sanpete	1	1	0	0	0	0	1
Sevier	6	3	2	1	0	0	0
Wayne	0	0	0	0	0	0	0
Davis	27	10	1	4	8	4	36
Salt Lake	106	30	17	11	32	16	117
Southeastern	4	2	0	0	2	0	5
Carbon	2	0	0	0	2	0	3
Emery	2	2	0	0	0	0	0
Grand	0	0	0	0	0	0	0
San Juan	0	0	0	0	0	0	2
Southwest	22	8	2	2	9	1	13
Beaver	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0
Iron	7	0	0	1	5	1	3
Kane	1	1	0	0	0	0	0
Washington	14	7	2	1	4	0	10
Summit	2	1	0	1	0	0	8
Tooele	8	3	2	1	1	1	14
TriCounty	6	2	1	1	2	0	8
Daggett	0	0	0	0	0	0	0
Duchesne	2	2	0	0	0	0	4
Uintah	4	0	1	1	2	0	4
Utah County	46	20	4	4	8	10	56
Wasatch	3	1	0	0	1	1	2
Weber-Morgan	20	5	3	1	4	7	32
Morgan	0	0	0	0	0	0	1
Weber	20	5	3	1	4	7	31

Table A35. Deaths by health district, county of residence and month: Utah, 2008

Health district and county	Total	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	13,920	1,266	1,256	1,255	1,169	1,099	1,065	1,099	1,104	1,124	1,185	1,110	1,188
Bear River	731	60	59	64	64	62	54	52	60	56	77	59	64
Box Elder	284	28	26	18	27	30	23	21	17	18	27	24	25
Cache	431	30	33	45	36	31	29	29	41	37	50	31	39
Rich	16	2	0	1	1	1	2	2	2	1	0	4	0
Central Utah	543	37	54	47	43	35	51	62	34	42	54	35	49
Juab	74	6	4	6	4	6	7	8	6	9	9	1	8
Millard	86	9	10	4	10	3	11	11	4	6	7	6	5
Piute	16	0	3	0	1	2	2	1	0	3	2	1	1
Sanpete	163	10	17	9	14	14	14	18	11	10	18	15	13
Sevier	181	12	19	26	10	8	16	21	11	12	17	9	20
Wayne	23	0	1	2	4	2	1	3	2	2	1	3	2
Davis	1,371	122	122	134	118	99	107	118	101	103	104	122	121
Salt Lake	5,369	501	481	500	464	448	405	412	423	421	456	409	449
Southeastern	476	45	35	32	37	30	34	40	45	57	43	37	41
Carbon	232	17	21	13	22	14	19	16	17	28	20	18	27
Emery	102	14	6	9	7	5	4	14	8	12	12	7	4
Grand	70	9	4	4	3	8	5	8	8	7	5	5	4
San Juan	72	5	4	6	5	3	6	2	12	10	6	7	6
Southwest	1,284	136	114	114	104	109	77	110	116	97	107	89	111
Beaver	47	7	4	3	2	3	1	6	6	4	2	2	7
Garfield	41	4	1	3	1	2	0	5	6	3	6	7	3
Iron	269	29	27	27	21	20	21	18	33	18	14	16	25
Kane	57	7	5	2	8	3	3	5	6	5	2	4	7
Washington	870	89	77	79	72	81	52	76	65	67	83	60	69
Summit	131	16	13	12	9	8	9	7	7	8	14	10	18
Tooele	260	29	24	25	21	17	25	19	24	18	22	18	18
TriCounty	311	29	41	30	22	23	19	21	19	33	20	27	27
Daggett	3	1	0	0	0	1	0	0	0	0	0	1	0
Duchesne	112	11	17	8	8	5	5	7	7	9	11	13	11
Uintah	196	17	24	22	14	17	14	14	12	24	9	13	16
Utah County	1,888	163	160	170	174	151	156	151	143	161	144	152	163
Wasatch	100	6	5	5	6	14	4	7	11	10	6	16	10
Weber-Morgan	1,456	122	148	122	107	103	124	100	121	118	138	136	117
Morgan	48	6	3	5	3	1	4	4	3	4	7	5	3
Weber	1,408	116	145	117	104	102	120	96	118	114	131	131	114

Table A36. Deaths by health district, county of residence, race/ethnicity and gender: Utah, 2008

Health district and county	Total			Race and gender																				
				White			Hispanic all races			Black			Native American			Asian and Pacific Islander			Other non-white			Race not stated		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	13,920	7,052	6,868	12,641	6,327	6,314	652	370	282	97	60	37	124	72	52	213	118	95	175	97	78	18	8	10
Bear River	731	365	366	696	346	350	18	10	8	1	1	0	1	1	0	7	3	4	8	4	4	0	0	0
Box Elder	284	139	145	266	128	138	10	7	3	1	1	0	1	1	0	3	1	2	3	1	2	0	0	0
Cache	431	215	216	414	207	207	8	3	5	0	0	0	0	0	0	4	2	2	5	3	2	0	0	0
Rich	16	11	5	16	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	543	285	258	520	274	246	10	4	6	1	1	0	4	2	2	0	0	0	8	4	4	0	0	0
Juab	74	37	37	72	35	37	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0
Millard	86	35	51	85	34	51	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Piute	16	13	3	16	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	163	89	74	152	84	68	6	3	3	1	1	0	2	1	1	0	0	0	2	0	2	0	0	0
Sevier	181	100	81	172	97	75	4	1	3	0	0	0	1	0	1	0	0	0	4	2	2	0	0	0
Wayne	23	11	12	23	11	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis	1,371	710	661	1,268	654	614	42	27	15	9	7	2	4	2	2	17	9	8	26	8	18	5	3	2
Salt Lake	5,369	2,709	2,660	4,761	2,352	2,409	345	196	149	46	30	16	24	15	9	138	78	60	49	35	14	6	3	3
Southeastern	476	242	234	408	205	203	25	12	13	0	0	0	35	21	14	2	2	0	6	2	4	0	0	0
Carbon	232	115	117	204	100	104	21	10	11	0	0	0	1	1	0	2	2	0	4	2	2	0	0	0
Emery	102	44	58	97	42	55	2	2	0	0	0	0	1	0	1	0	0	0	2	0	2	0	0	0
Grand	70	44	26	67	43	24	2	0	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
San Juan	72	39	33	40	20	20	0	0	0	0	0	0	32	19	13	0	0	0	0	0	0	0	0	0
Southwest	1,284	661	623	1,212	625	587	29	12	17	5	2	3	11	8	3	8	3	5	18	11	7	1	0	1
Beaver	47	25	22	45	24	21	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0
Garfield	41	24	17	40	23	17	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Iron	269	139	130	254	127	127	5	4	1	0	0	0	5	5	0	2	0	2	3	3	0	0	0	0
Kane	57	24	33	50	22	28	4	1	3	1	1	0	0	0	0	0	0	0	2	0	2	0	0	0
Washington	870	449	421	823	429	394	20	7	13	4	1	3	5	2	3	5	3	2	12	7	5	1	0	1
Summit	131	62	69	122	58	64	4	3	1	0	0	0	1	0	1	2	1	1	1	0	1	1	0	1
Tooele	260	161	99	230	144	86	18	9	9	1	0	1	3	3	0	2	1	1	6	4	2	0	0	0
TriCounty	311	163	148	272	141	131	7	5	2	0	0	0	29	15	14	1	1	0	2	1	1	0	0	0
Daggett	3	3	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	112	61	51	100	56	44	4	3	1	0	0	0	7	2	5	0	0	0	1	0	1	0	0	0
Uintah	196	99	97	169	82	87	3	2	1	0	0	0	22	13	9	1	1	0	1	1	0	0	0	0
Utah County	1,888	944	944	1,768	884	884	64	33	31	4	2	2	5	1	4	22	13	9	23	10	13	2	1	1
Wasatch	100	50	50	98	48	50	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Weber-Morgan	1,456	700	756	1,286	596	690	89	58	31	30	17	13	7	4	3	13	6	7	28	18	10	3	1	2
Morgan	48	21	27	47	21	26	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Weber	1,408	679	729	1,239	575	664	89	58	31	30	17	13	6	4	2	13	6	7	28	18	10	3	1	2

Hispanic deaths are not distributed by race.

Table A37. Deaths by age, race/ethnicity and gender, residents: Utah, 2008

				Race and gender																				
	Total			White			Hispanic all races			Black			Native American			Asian and Pacific Islander			Other non-white			Race not stated		
Age	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	13,920	7,052	6,868	12,641	6,327	6,314	652	370	282	97	60	37	124	72	52	213	118	95	175	97	78	18	8	10
Under 1 year	264	158	106	183	106	77	54	31	23	2	2	0	0	0	0	11	8	3	14	11	3	0	0	0
Under 1 month	176	106	70	119	70	49	39	22	17	2	2	0	0	0	0	6	4	2	10	8	2	0	0	0
Under 1 week	143	85	58	99	56	43	30	18	12	1	1	0	0	0	0	4	2	2	9	8	1	0	0	0
Under 1 day	113	71	42	77	47	30	26	15	11	1	1	0	0	0	0	3	2	1	6	6	0	0	0	0
Under 1 hour	44	27	17	29	15	14	11	8	3	0	0	0	0	0	0	1	1	0	3	3	0	0	0	0
1 to 4	57	36	21	43	28	15	8	3	5	1	1	0	0	0	0	2	2	0	3	2	1	0	0	0
5 to 9	39	18	21	25	13	12	8	1	7	1	0	1	1	1	0	2	1	1	2	2	0	0	0	0
10 to 14	38	23	15	27	16	11	6	4	2	0	0	0	1	0	1	2	2	0	1	0	1	1	1	0
15 to 19	105	79	26	83	62	21	12	9	3	3	2	1	6	5	1	1	1	0	0	0	0	0	0	0
20 to 24	172	127	45	135	98	37	21	16	5	1	1	0	4	4	0	6	3	3	5	5	0	0	0	0
25 to 29	217	151	66	175	124	51	20	15	5	2	2	0	9	6	3	9	3	6	2	1	1	0	0	0
30 to 34	206	137	69	169	114	55	24	16	8	0	0	0	8	5	3	3	0	3	2	2	0	0	0	0
35 to 39	226	143	83	186	115	71	21	15	6	2	2	0	8	5	3	6	5	1	3	1	2	0	0	0
40 to 44	262	166	96	210	130	80	27	18	9	8	8	0	4	2	2	7	6	1	5	2	3	1	0	1
45 to 49	456	281	175	407	251	156	31	19	12	3	3	0	3	2	1	5	3	2	6	3	3	1	0	1
50 to 54	616	377	239	534	322	212	50	34	16	8	6	2	11	5	6	6	5	1	4	4	0	3	1	2
55 to 59	647	400	247	558	343	215	32	23	9	12	7	5	11	8	3	14	8	6	18	10	8	2	1	1
60 to 64	816	478	338	729	426	303	38	25	13	11	4	7	8	6	2	16	11	5	12	6	6	2	0	2
65 to 69	884	506	378	793	450	343	44	23	21	6	5	1	12	6	6	14	10	4	15	12	3	0	0	0
70 to 74	1,110	616	494	1,010	556	454	48	27	21	8	5	3	8	7	1	15	9	6	16	8	8	5	4	1
75 to 79	1,524	759	765	1,413	709	704	52	26	26	5	2	3	7	4	3	27	12	15	18	5	13	2	1	1
80 to 84	1,991	949	1,042	1,874	891	983	62	35	27	9	3	6	8	2	6	20	10	10	17	8	9	1	0	1
85 to 89	2,205	924	1,281	2,088	878	1,210	53	17	36	7	3	4	10	4	6	29	14	15	18	8	10	0	0	0
90 to 94	1,466	541	925	1,414	521	893	20	9	11	4	2	2	3	0	3	16	5	11	9	4	5	0	0	0
95 to 99	542	161	381	513	156	357	18	2	16	2	0	2	2	0	2	2	0	2	5	3	2	0	0	0
100 and over	77	22	55	72	18	54	3	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0

Hispanic deaths are not distributed by race.

Table A38a. Deaths by health district, county of residence, age and gender: Utah, 2008

Health district and county	Total			Age and gender																	
				Under 1			1-4			5-9			10-14			15-19			20-24		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	13,920	7,052	6,868	264	158	106	57	36	21	39	18	21	38	23	15	105	79	26	172	127	45
Bear River	731	365	366	12	10	2	4	2	2	1	0	1	2	1	1	4	3	1	9	5	4
Box Elder	284	139	145	6	4	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Cache	431	215	216	5	5	0	4	2	2	1	0	1	2	1	1	4	3	1	7	3	4
Rich	16	11	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Central Utah	543	285	258	8	5	3	2	1	1	0	0	0	1	0	1	2	0	2	8	7	1
Juab	74	37	37	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	3	0
Millard	86	35	51	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Piute	16	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	163	89	74	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1	2	1	1
Sevier	181	100	81	6	4	2	1	1	0	0	0	0	0	0	0	0	0	0	3	3	0
Wayne	23	11	12	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Davis	1,371	710	661	27	15	12	5	4	1	7	4	3	4	3	1	10	7	3	16	14	2
Salt Lake	5,369	2,709	2,660	106	61	45	14	8	6	16	6	10	10	4	6	44	35	9	56	41	15
Southeastern	476	242	234	4	2	2	4	2	2	1	1	0	1	1	0	5	5	0	4	3	1
Carbon	232	115	117	2	2	0	2	1	1	0	0	0	1	1	0	0	0	0	1	0	1
Emery	102	44	58	2	0	2	1	1	0	0	0	0	0	0	0	1	1	0	1	1	0
Grand	70	44	26	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
San Juan	72	39	33	0	0	0	1	0	1	1	1	0	0	0	0	3	3	0	2	2	0
Southwest	1,284	661	623	22	15	7	4	3	1	4	3	1	6	3	3	6	6	0	18	13	5
Beaver	47	25	22	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Garfield	41	24	17	0	0	0	0	0	0	0	0	0	2	0	2	1	1	0	0	0	0
Iron	269	139	130	7	5	2	0	0	0	0	0	0	2	2	0	2	2	0	4	3	1
Kane	57	24	33	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	870	449	421	14	10	4	4	3	1	3	2	1	2	1	1	3	3	0	14	10	4
Summit	131	62	69	2	0	2	1	0	1	0	0	0	0	0	0	3	1	2	0	0	0
Tooele	260	161	99	8	6	2	3	3	0	0	0	0	1	1	0	1	1	0	7	5	2
TriCounty	311	163	148	6	5	1	2	0	2	1	0	1	1	1	0	4	3	1	10	7	3
Daggett	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	112	61	51	2	2	0	1	0	1	1	0	1	0	0	0	1	0	1	6	5	1
Uintah	196	99	97	4	3	1	1	0	1	0	0	0	1	1	0	3	3	0	4	2	2
Utah County	1,888	944	944	46	25	21	12	9	3	7	3	4	9	7	2	17	13	4	31	23	8
Wasatch	100	50	50	3	2	1	1	1	0	0	0	0	0	0	0	2	1	1	1	1	0
Weber-Morgan	1,456	700	756	20	12	8	5	3	2	2	1	1	3	2	1	7	4	3	12	8	4
Morgan	48	21	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber	1,408	679	729	20	12	8	5	3	2	2	1	1	3	2	1	7	4	3	12	8	4

Table A38b. Deaths by health district, county of residence, age and gender: Utah, 2008

Health district and county	Age and gender																				
	25-29			30-34			35-39			40-44			45-49			50-54			55-59		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	217	151	66	206	137	69	226	143	83	262	166	96	456	281	175	616	377	239	647	400	247
Bear River	15	11	4	3	3	0	7	3	4	7	5	2	25	18	7	29	21	8	28	15	13
Box Elder	5	3	2	0	0	0	2	1	1	2	1	1	9	6	3	14	11	3	14	9	5
Cache	10	8	2	3	3	0	5	2	3	5	4	1	16	12	4	14	10	4	14	6	8
Rich	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Central Utah	6	3	3	7	6	1	7	7	0	15	10	5	9	3	6	26	18	8	20	14	6
Juab	0	0	0	2	2	0	2	2	0	4	2	2	3	0	3	3	2	1	3	0	3
Millard	2	1	1	0	0	0	0	0	0	1	0	1	1	1	0	6	4	2	1	1	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0
Sanpete	3	2	1	3	2	1	4	4	0	5	5	0	1	0	1	9	4	5	6	5	1
Sevier	1	0	1	1	1	0	1	1	0	5	3	2	2	1	1	7	7	0	7	5	2
Wayne	0	0	0	1	1	0	0	0	0	0	0	0	2	1	1	1	1	0	0	0	0
Davis	25	17	8	23	15	8	29	21	8	34	20	14	43	25	18	63	38	25	60	37	23
Salt Lake	99	68	31	84	52	32	97	61	36	110	70	40	198	131	67	258	147	111	274	171	103
Southeastern	5	4	1	9	6	3	6	5	1	5	3	2	14	11	3	22	16	6	23	15	8
Carbon	1	1	0	3	3	0	3	3	0	3	3	0	7	5	2	8	8	0	10	5	5
Emery	2	1	1	3	1	2	1	0	1	0	0	0	4	3	1	5	1	4	5	3	2
Grand	1	1	0	2	1	1	0	0	0	0	0	0	2	2	0	6	4	2	7	6	1
San Juan	1	1	0	1	1	0	2	2	0	2	0	2	1	1	0	3	3	0	1	1	0
Southwest	13	6	7	13	8	5	17	7	10	17	10	7	20	9	11	52	34	18	44	32	12
Beaver	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	3	2	1	2	2	0
Garfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	1
Iron	5	3	2	5	1	4	5	4	1	5	3	2	6	4	2	19	14	5	11	8	3
Kane	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	5	4	1
Washington	8	3	5	7	6	1	12	3	9	11	7	4	13	5	8	30	18	12	21	14	7
Summit	4	4	0	2	1	1	1	0	1	3	2	1	3	2	1	7	5	2	11	6	5
Tooele	3	3	0	3	2	1	3	3	0	5	3	2	13	9	4	13	8	5	12	11	1
TriCounty	5	3	2	11	6	5	6	5	1	3	1	2	16	9	7	8	5	3	19	12	7
Daggett	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Duchesne	1	1	0	2	2	0	1	1	0	2	0	2	8	6	2	2	1	1	5	1	4
Uintah	4	2	2	9	4	5	5	4	1	1	1	0	8	3	5	6	4	2	13	10	3
Utah County	29	22	7	32	23	9	33	22	11	33	22	11	52	32	20	65	43	22	74	34	40
Wasatch	3	3	0	1	1	0	2	1	1	1	1	0	3	3	0	2	2	0	7	4	3
Weber-Morgan	10	7	3	18	14	4	18	8	10	29	19	10	60	29	31	71	40	31	75	49	26
Morgan	0	0	0	0	0	0	2	1	1	1	1	0	4	1	3	0	0	0	1	1	0
Weber	10	7	3	18	14	4	16	7	9	28	18	10	56	28	28	71	40	31	74	48	26

Table A38c. Deaths by health district, county of residence, age and gender: Utah, 2008

Health district and county	60-64			65-69			70-74			75-79			80-84			85 and over		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	816	478	338	884	506	378	1,110	616	494	1,524	759	765	1,991	949	1,042	4,290	1,648	2,642
Bear River	32	18	14	44	29	15	52	28	24	79	40	39	116	54	62	262	99	163
Box Elder	14	7	7	22	14	8	29	19	10	39	19	20	50	20	30	77	24	53
Cache	18	11	7	21	14	7	23	9	14	38	19	19	60	30	30	181	73	108
Rich	0	0	0	1	1	0	0	0	0	2	2	0	6	4	2	4	2	2
Central Utah	30	20	10	34	17	17	55	36	19	59	32	27	81	45	36	173	61	112
Juab	5	3	2	3	2	1	7	5	2	8	5	3	9	3	6	21	8	13
Millard	2	2	0	6	1	5	6	2	4	15	6	9	15	7	8	30	9	21
Piute	0	0	0	1	1	0	1	1	0	3	2	1	4	2	2	4	4	0
Sanpete	12	9	3	15	8	7	17	11	6	13	8	5	22	14	8	48	16	32
Sevier	10	5	5	8	4	4	21	14	7	19	11	8	26	17	9	63	23	40
Wayne	1	1	0	1	1	0	3	3	0	1	0	1	5	2	3	7	1	6
Davis	75	49	26	91	46	45	105	58	47	150	72	78	202	109	93	402	156	246
Salt Lake	329	191	138	339	194	145	406	219	187	574	289	285	736	335	401	1,619	626	993
Southeastern	29	15	14	30	15	15	44	28	16	52	25	27	63	26	37	155	59	96
Carbon	15	7	8	14	4	10	26	15	11	28	13	15	26	12	14	82	32	50
Emery	4	1	3	4	4	0	7	4	3	12	6	6	11	4	7	39	13	26
Grand	7	5	2	6	3	3	5	4	1	6	4	2	12	5	7	15	8	7
San Juan	3	2	1	6	4	2	6	5	1	6	2	4	14	5	9	19	6	13
Southwest	78	47	31	69	39	30	98	60	38	165	83	82	200	111	89	438	172	266
Beaver	3	3	0	3	1	2	6	5	1	2	0	2	9	4	5	16	6	10
Garfield	2	2	0	2	1	1	2	2	0	7	5	2	4	1	3	16	8	8
Iron	25	16	9	16	9	7	15	8	7	30	16	14	30	11	19	82	30	52
Kane	6	4	2	2	1	1	5	3	2	9	4	5	8	3	5	20	5	15
Washington	42	22	20	46	27	19	70	42	28	117	58	59	149	92	57	304	123	181
Summit	5	4	1	5	4	1	11	7	4	14	7	7	19	5	14	40	14	26
Tooele	23	14	9	24	12	12	20	13	7	34	20	14	29	16	13	58	31	27
TriCounty	20	12	8	30	16	14	29	17	12	29	15	14	35	18	17	76	28	48
Daggett	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0
Duchesne	10	7	3	11	4	7	9	6	3	10	6	4	12	8	4	28	11	17
Uintah	10	5	5	19	12	7	20	11	9	18	8	10	22	9	13	48	17	31
Utah County	101	55	46	113	70	43	156	83	73	201	100	101	258	126	132	619	232	387
Wasatch	9	4	5	7	6	1	9	2	7	8	3	5	11	2	9	30	13	17
Weber-Morgan	85	49	36	98	58	40	125	65	60	159	73	86	241	102	139	418	157	261
Morgan	4	1	3	7	5	2	6	3	3	6	3	3	5	1	4	12	4	8
Weber	81	48	33	91	53	38	119	62	57	153	70	83	236	101	135	406	153	253

Table A39a. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Total		**13,920**	**47**	**284**	**431**	**232**	**3**	**1,371**	**112**	**102**	**41**
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**	**11**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
Tuberculosis	**A16-A19**	**1**	**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	1	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**	**129**	**0**	**3**	**3**	**1**	**0**	**11**	**1**	**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**	**37**	**1**	**0**	**0**	**1**	**0**	**4**	**1**	**0**	**0**
Human immunodeficiency virus (HIV) disease	**B20-B24**	**20**	**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**	**43**	**0**	**2**	**1**	**0**	**0**	**4**	**1**	**0**	**0**
Malignant neoplasms	**C00-C97**	**2,478**	**8**	**54**	**65**	**42**	**1**	**233**	**26**	**13**	**5**
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	23	0	1	1	0	0	2	1	0	0
Malignant neoplasm of esophagus	C15	53	0	2	1	1	0	5	1	0	0
Malignant neoplasm of stomach	C16	39	0	0	0	0	0	3	0	1	0
Malignant neoplasms of colon, rectum and anus	C18-C21	225	1	4	5	2	0	23	4	1	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	69	0	1	3	4	0	6	0	0	1
Malignant neoplasm of pancreas	C25	167	0	4	7	2	0	14	1	1	0
Malignant neoplasm of larynx	C32	8	1	0	0	0	0	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	370	0	11	5	4	0	21	8	1	0
Malignant melanoma of skin	C43	58	0	1	2	1	0	0	1	0	0
Malignant neoplasm of breast	C50	221	1	7	5	4	0	30	2	0	0
Malignant neoplasm of cervix uteri	C53	11	0	0	0	0	0	1	1	1	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	36	0	2	1	0	0	3	0	0	0
Malignant neoplasm of ovary	C56	99	0	2	5	1	0	4	1	1	0

Table A39b. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Total		**70**	**269**	**74**	**57**	**86**	**48**	**16**	**16**	**5,369**	**72**
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**	**4**	**0**
Tuberculosis	**A16-A19**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**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	1	0
Whooping cough	**A37**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Scarlet fever and erysipelas	**A38, A46**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Meningococcal infection	**A39**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Septicemia	**A40-A41**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**46**	**3**
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**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**20**	**0**
Human immunodeficiency virus (HIV) disease	**B20-B24**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**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**	**16**	**1**
Malignant neoplasms	**C00-C97**	**15**	**39**	**5**	**12**	**18**	**14**	**3**	**3**	**907**	**11**
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	0	0	0	0	0	0	0	0	10	0
Malignant neoplasm of esophagus	C15	1	2	0	1	0	0	0	0	16	0
Malignant neoplasm of stomach	C16	0	1	0	0	0	0	0	0	17	0
Malignant neoplasms of colon, rectum and anus	C18-C21	3	5	1	0	2	0	0	0	73	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	0	0	0	1	0	1	0	0	26	0
Malignant neoplasm of pancreas	C25	2	2	0	0	2	0	0	1	57	0
Malignant neoplasm of larynx	C32	0	0	0	0	0	0	0	0	4	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	2	7	1	3	2	1	2	0	149	0
Malignant melanoma of skin	C43	1	1	0	0	0	2	0	0	23	0
Malignant neoplasm of breast	C50	1	1	1	3	1	2	1	1	85	0
Malignant neoplasm of cervix uteri	C53	0	0	0	0	0	0	0	0	6	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	0	1	0	1	0	0	0	0	17	0
Malignant neoplasm of ovary	C56	0	1	0	0	1	1	0	0	41	0

Table A39c. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Total		**163**	**181**	**131**	**260**	**196**	**1,888**	**100**	**870**	**23**	**1,408**
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**	**1**	**0**	**0**	**1**	**1**	**0**	**2**	**0**	**1**
Tuberculosis	A16-A19	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Respiratory tuberculosis	A16	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	A17-A19	0	0	0	0	0	0	0	0	0	0
Whooping cough	A37	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Scarlet fever and erysipelas	A38, A46	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Meningococcal infection	A39	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Septicemia	A40-A41	**1**	**2**	**2**	**3**	**1**	**23**	**0**	**10**	**0**	**17**
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**	**1**	**0**	**6**	**0**	**0**	**0**	**2**
Human immunodeficiency virus (HIV) disease	B20-B24	**0**	**0**	**0**	**0**	**1**	**3**	**0**	**3**	**0**	**2**
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**	**2**	**0**	**1**	**10**	**0**	**3**	**1**	**1**
Malignant neoplasms	C00-C97	**35**	**36**	**21**	**55**	**41**	**345**	**16**	**185**	**3**	**267**
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	2	0	0	1	0	2	0	0	0	3
Malignant neoplasm of esophagus	C15	1	2	0	2	2	6	0	5	0	5
Malignant neoplasm of stomach	C16	2	0	0	1	0	7	0	2	0	5
Malignant neoplasms of colon, rectum and anus	C18-C21	5	3	6	5	5	30	2	12	0	33
Malignant neoplasms of liver and intrahepatic bile ducts	C22	0	0	0	2	0	9	2	7	0	6
Malignant neoplasm of pancreas	C25	4	0	4	6	3	22	0	14	0	21
Malignant neoplasm of larynx	C32	0	0	0	0	0	3	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	3	7	4	12	6	33	4	37	0	47
Malignant melanoma of skin	C43	0	3	0	1	1	9	1	7	0	4
Malignant neoplasm of breast	C50	2	1	1	6	6	32	1	8	0	19
Malignant neoplasm of cervix uteri	C53	0	0	0	0	1	1	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	0	0	1	2	0	3	0	3	0	2
Malignant neoplasm of ovary	C56	2	0	0	2	3	22	1	5	0	6

Table A39a continued. Deaths by selected causes and county of residence: Utah, 2008

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	199	0	3	8	3	1	25	0	1	1
Malignant neoplasms of kidney and renal pelvis	C64-C65	63	0	0	3	2	0	10	0	0	2
Malignant neoplasm of bladder	C67	72	0	3	1	2	0	7	0	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	101	0	1	3	1	0	12	0	1	1
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	344	2	7	6	7	0	33	3	2	0
Hodgkin's disease	C81	6	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	111	1	1	2	2	0	12	1	1	0
Leukemia	C91-C95	152	0	1	3	3	0	16	0	0	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	74	1	4	1	2	0	5	2	1	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	1	0	1	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	320	3	5	9	8	0	34	3	3	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	**D00-D48**	**88**	**1**	**1**	**5**	**0**	**0**	**10**	**0**	**1**	**0**
Anemias	**D50-D64**	**23**	**0**	**0**	**1**	**2**	**0**	**2**	**0**	**0**	**0**
Diabetes mellitus	**E10-E14**	**468**	**1**	**7**	**21**	**11**	**0**	**54**	**4**	**2**	**3**
Nutritional deficiencies	**E40-E64**	**17**	**0**	**0**	**4**	**1**	**0**	**0**	**0**	**1**	**0**
Malnutrition	E40-E46	16	0	0	4	1	0	0	0	1	0
Other nutritional deficiencies	E50-E64	1	0	0	0	0	0	0	0	0	0
Meningitis	**G00, G03**	**6**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**
Parkinson's disease	**G20-G21**	**178**	**0**	**3**	**8**	**2**	**0**	**26**	**1**	**0**	**1**
Alzheimer's disease	**G30**	**406**	**1**	**12**	**25**	**13**	**0**	**34**	**2**	**2**	**1**
Major cardiovascular diseases	**I00-I78**	**3,803**	**18**	**94**	**116**	**76**	**0**	**351**	**29**	**21**	**12**
Diseases of heart	I00-I09,I11,I13,I20-I51	2,823	13	66	91	59	0	266	23	14	7
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	22	0	1	1	1	0	5	0	0	0
Hypertensive heart disease	I11	98	0	2	6	4	0	6	0	0	0
Hypertensive heart and renal disease	I13	4	0	0	0	0	0	0	0	0	0
Ischemic heart diseases	I20-I25	1,416	4	45	38	37	0	149	11	5	4
Acute myocardial infarction	I21-I22	508	4	26	10	14	0	51	1	1	0
Other acute ischemic heart diseases	I24	17	0	0	0	0	0	1	1	0	0
Other forms of chronic ischemic heart disease	I20, I25	891	0	19	28	23	0	97	9	4	4
Atherosclerotic cardiovascular disease, so described	I25.0	80	0	0	1	10	0	13	0	2	0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	811	0	19	27	13	0	84	9	2	4
Other heart diseases	I26-I51	1,283	9	18	46	17	0	106	12	9	3
Acute and subacute endocarditis	I33	4	0	0	1	0	0	1	0	0	0
Diseases of the pericardium and acute myocarditis	I30-I31, I40	14	0	1	1	0	0	7	0	0	0
Heart failure	I50	572	5	9	14	12	0	38	7	6	1
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	693	4	8	30	5	0	60	5	3	2

Table A39b continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Malignant neoplasm of prostate	C61	1	4	0	0	1	2	0	0	58	3
Malignant neoplasms of kidney and renal pelvis	C64-C65	0	1	0	0	0	0	0	0	23	2
Malignant neoplasm of bladder	C67	0	3	0	1	1	0	0	0	29	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	1	0	0	0	3	0	0	0	33	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	2	5	1	1	1	3	0	0	124	3
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	3	0
Non-Hodgkin's lymphoma	C82-C85	1	1	0	0	1	0	0	0	37	1
Leukemia	C91-C95	1	3	1	1	0	1	0	0	62	2
Multiple myeloma and immunoproliferative neoplasms	C88, C90	0	1	0	0	0	2	0	0	22	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	1	5	1	1	4	2	0	1	116	3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	**D00-D48**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**30**	**1**
Anemias	**D50-D64**	**1**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**8**	**0**
Diabetes mellitus	**E10-E14**	**3**	**1**	**4**	**1**	**2**	**3**	**0**	**1**	**189**	**6**
Nutritional deficiencies	**E40-E64**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**5**	**0**
Malnutrition	E40-E46	0	0	0	0	0	1	0	0	5	0
Other nutritional deficiencies	E50-E64	0	0	0	0	0	0	0	0	0	0
Meningitis	**G00, G03**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**0**
Parkinson's disease	**G20-G21**	**0**	**5**	**2**	**2**	**0**	**1**	**0**	**0**	**64**	**0**
Alzheimer's disease	**G30**	**2**	**17**	**2**	**0**	**4**	**1**	**1**	**0**	**112**	**0**
Major cardiovascular diseases	**I00-I78**	**23**	**79**	**33**	**15**	**31**	**13**	**5**	**6**	**1,382**	**17**
Diseases of heart	I00-I09,I11,I13,I20-I51	13	63	28	8	22	12	4	6	1,014	13
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	0	0	0	1	1	0	0	0	4	0
Hypertensive heart disease	I11	3	1	3	0	0	0	0	0	31	0
Hypertensive heart and renal disease	I13	0	0	1	0	0	0	0	0	3	0
Ischemic heart diseases	I20-I25	8	30	17	4	11	5	3	4	461	7
Acute myocardial infarction	I21-I22	2	15	5	3	3	1	3	1	172	4
Other acute ischemic heart diseases	I24	0	0	0	0	0	0	0	0	7	0
Other forms of chronic ischemic heart disease	I20, I25	6	15	12	1	8	4	0	3	282	3
Atherosclerotic cardiovascular disease, so described	I25.0	0	0	0	0	2	1	0	0	12	0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	6	15	12	1	6	3	0	3	270	3
Other heart diseases	I26-I51	2	32	7	3	10	7	1	2	515	6
Acute and subacute endocarditis	I33	0	0	0	0	0	0	0	0	2	0
Diseases of the pericardium and acute myocarditis	I30-I31, I40	0	0	1	0	0	0	0	0	3	0
Heart failure	I50	0	15	5	1	4	4	0	2	231	5
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	2	17	1	2	6	3	1	0	279	1

Table A39c continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Malignant neoplasm of prostate	C61	3	4	0	1	3	29	0	24	0	24
Malignant neoplasms of kidney and renal pelvis	C64-C65	1	0	0	0	0	3	0	6	0	10
Malignant neoplasm of bladder	C67	1	0	1	2	0	11	0	3	0	7
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	1	2	1	0	1	21	2	6	0	11
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	4	8	0	5	5	57	1	26	1	37
Hodgkin's disease	C81	0	0	0	0	0	0	0	1	0	2
Non-Hodgkin's lymphoma	C82-C85	2	2	0	2	3	19	1	13	0	8
Leukemia	C91-C95	2	2	0	1	1	28	0	9	1	14
Multiple myeloma and immunoproliferative neoplasms	C88, C90	0	4	0	2	1	10	0	3	0	13
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97	4	6	3	7	5	45	2	20	2	27
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	**D00-D48**	**0**	**1**	**2**	**1**	**1**	**16**	**2**	**8**	**0**	**7**
Anemias	**D50-D64**	**0**	**2**	**0**	**2**	**0**	**3**	**0**	**0**	**0**	**0**
Diabetes mellitus	**E10-E14**	**7**	**4**	**0**	**10**	**3**	**65**	**4**	**21**	**1**	**40**
Nutritional deficiencies	**E40-E64**	**0**	**0**	**0**	**0**	**0**	**3**	**1**	**1**	**0**	**0**
Malnutrition	E40-E46	0	0	0	0	0	3	0	1	0	0
Other nutritional deficiencies	E50-E64	0	0	0	0	0	0	1	0	0	0
Meningitis	**G00, G03**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**2**
Parkinson's disease	**G20-G21**	**2**	**5**	**0**	**4**	**0**	**27**	**1**	**11**	**0**	**13**
Alzheimer's disease	**G30**	**7**	**14**	**6**	**9**	**12**	**61**	**4**	**35**	**0**	**29**
Major cardiovascular diseases	**I00-I78**	**49**	**51**	**41**	**66**	**51**	**540**	**31**	**232**	**7**	**414**
Diseases of heart	I00-I09,I11,I13,I20-I51	33	38	29	48	37	393	27	187	7	302
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	1	0	0	0	1	4	0	2	0	0
Hypertensive heart disease	I11	3	3	1	1	0	20	0	1	0	13
Hypertensive heart and renal disease	I13	0	0	0	0	0	0	0	0	0	0
Ischemic heart diseases	I20-I25	14	21	20	28	25	181	12	104	4	164
Acute myocardial infarction	I21-I22	7	5	4	8	18	48	3	49	1	49
Other acute ischemic heart diseases	I24	0	0	0	0	0	2	0	2	0	4
Other forms of chronic ischemic heart disease	I20, I25	7	16	16	20	7	131	9	53	3	111
Atherosclerotic cardiovascular disease, so described	I25.0	0	2	0	0	0	16	0	1	0	20
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	7	14	16	20	7	115	9	52	3	91
Other heart diseases	I26-I51	15	14	8	19	11	188	15	80	3	125
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	1
Heart failure	I50	7	9	6	11	3	80	9	22	0	66
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	8	5	2	8	8	108	6	58	3	58

Table A39a continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Essential (primary) hypertension and hypertensive renal disease	I10, I12	108	0	3	2	1	0	8	2	0	1
Cerebrovascular diseases	I60-I69	739	5	22	20	8	0	65	4	5	4
Atherosclerosis	I70	35	0	0	1	7	0	6	0	2	0
Other diseases of the circulatory system	I71-I78	98	0	3	2	1	0	6	0	0	0
Aortic aneurysm and dissection	I71	53	0	2	1	1	0	4	0	0	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	45	0	1	1	0	0	2	0	0	0
Other disorders of circulatory system	**I80-I99**	**23**	**0**	**0**	**0**	**0**	**0**	**6**	**0**	**0**	**0**
Influenza and pneumonia	**J10-J18**	**341**	**0**	**8**	**4**	**7**	**1**	**35**	**1**	**3**	**2**
Influenza	J10-J11	21	0	1	0	1	0	1	0	1	0
Pneumonia	J12-J18	320	0	7	4	6	1	34	1	2	2
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**	**636**	**1**	**12**	**8**	**13**	**0**	**71**	**9**	**9**	**1**
Bronchitis, chronic and unspecified	J40-J42	2	0	0	0	0	0	0	0	0	0
Emphysema	J43	58	0	0	0	0	0	9	1	1	0
Asthma	J45-J46	31	0	0	2	1	0	6	1	0	0
Other chronic lower respiratory diseases	J44, J47	545	1	12	6	12	0	56	7	8	1
Pneumoconioses and chemical effects	**J60-J66, J68**	**5**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
Pneumonitis due to solids and liquids	**J69**	**87**	**0**	**1**	**4**	**0**	**0**	**7**	**1**	**0**	**1**
Other diseases of respiratory system	**J00-J06,J30-J39, J67, J70-J98**	**166**	**0**	**3**	**4**	**3**	**0**	**13**	**3**	**2**	**0**
Peptic ulcer	**K25-K28**	**17**	**0**	**0**	**1**	**1**	**0**	**1**	**0**	**0**	**0**
Diseases of appendix	**K35-K38**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hernia	**K40-K46**	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Chronic liver disease and cirrhosis	**K70, K73-K74**	**127**	**0**	**1**	**6**	**3**	**0**	**13**	**2**	**1**	**0**
Alcoholic liver disease	K70	67	0	0	3	2	0	8	2	0	0
Other chronic liver disease and cirrhosis	K73-K74	60	0	1	3	1	0	5	0	1	0
Cholelithiasis and other disorders of gallbladder	**K80-K82**	**17**	**0**	**0**	**1**	**0**	**0**	**4**	**0**	**0**	**0**
Nephritis, nephrotic syndrome and nephrosis	**N00-N07,N17-N19, N25-N27**	**212**	**0**	**14**	**8**	**3**	**0**	**16**	**2**	**2**	**3**
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01,N04	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07,N26	8	0	0	1	0	0	0	0	0	0
Renal failure	N17-N19	203	0	14	7	3	0	16	2	2	3
Other disorders of kidney	N25, N27	1	0	0	0	0	0	0	0	0	0
Infections of kidney	**N10-N12, N13.6, N15.1**	**5**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**
Hyperplasia of prostate	**N40**	**3**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
Inflammatory diseases of female pelvic organs	**N70-N76**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table A39b continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Essential (primary) hypertension and hypertensive renal disease	I10, I12	0	1	0	1	1	1	0	0	39	0
Cerebrovascular diseases	I60-I69	6	12	5	6	6	0	1	0	282	4
Atherosclerosis	I70	0	3	0	0	1	0	0	0	2	0
Other diseases of the circulatory system	I71-I78	4	0	0	0	1	0	0	0	45	0
Aortic aneurysm and dissection	I71	1	0	0	0	0	0	0	0	26	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	3	0	0	0	1	0	0	0	19	0
Other disorders of circulatory system	**I80-I99**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**0**
Influenza and pneumonia	**J10-J18**	**4**	**8**	**2**	**2**	**2**	**1**	**0**	**0**	**124**	**2**
Influenza	J10-J11	0	1	0	0	0	1	0	0	8	1
Pneumonia	J12-J18	4	7	2	2	2	0	0	0	116	1
Other acute lower respiratory infections	**J20-J22**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Acute bronchitis and bronchiolitis	J20-J21	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	J22	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	**J40-J47**	**1**	**9**	**2**	**2**	**5**	**1**	**1**	**0**	**263**	**1**
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	2	0
Emphysema	J43	0	2	0	0	0	0	0	0	15	0
Asthma	J45-J46	0	0	0	0	0	0	0	0	11	0
Other chronic lower respiratory diseases	J44, J47	1	7	2	2	5	1	1	0	235	1
Pneumoconioses and chemical effects	**J60-J66, J68**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Pneumonitis due to solids and liquids	**J69**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**37**	**3**
Other diseases of respiratory system	**J00-J06,J30-J39, J67, J70-J98**	**3**	**2**	**1**	**1**	**0**	**0**	**1**	**0**	**62**	**1**
Peptic ulcer	**K25-K28**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**0**
Diseases of appendix	**K35-K38**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hernia	**K40-K46**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**8**	**0**
Chronic liver disease and cirrhosis	**K70, K73-K74**	**1**	**1**	**3**	**0**	**1**	**0**	**0**	**0**	**51**	**0**
Alcoholic liver disease	K70	0	1	0	0	0	0	0	0	26	0
Other chronic liver disease and cirrhosis	K73-K74	1	0	3	0	1	0	0	0	25	0
Cholelithiasis and other disorders of gallbladder	**K80-K82**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**1**
Nephritis, nephrotic syndrome and nephrosis	**N00-N07,N17-N19, N25-N27**	**0**	**6**	**2**	**0**	**2**	**0**	**1**	**2**	**71**	**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	2	0
Renal failure	N17-N19	0	6	2	0	2	0	1	2	68	0
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	1	0
Infections of kidney	**N10-N12, N13.6, N15.1**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hyperplasia of prostate	**N40**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**
Inflammatory diseases of female pelvic organs	**N70-N76**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table A39c continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Essential (primary) hypertension and hypertensive renal disease	I10, I12	3	1	0	6	0	21	0	2	0	15
Cerebrovascular diseases	I60-I69	10	12	10	10	12	112	3	33	0	82
Atherosclerosis	I70	3	0	0	0	0	4	1	1	0	4
Other diseases of the circulatory system	I71-I78	0	0	2	2	2	10	0	9	0	11
Aortic aneurysm and dissection	I71	0	0	1	1	0	5	0	6	0	5
Other diseases of arteries, arterioles, and capillaries	I72-I78	0	0	1	1	2	5	0	3	0	6
Other disorders of circulatory system	**I80-I99**	**1**	**0**	**0**	**1**	**0**	**2**	**0**	**1**	**0**	**1**
Influenza and pneumonia	**J10-J18**	**4**	**8**	**5**	**4**	**9**	**49**	**1**	**17**	**1**	**37**
Influenza	J10-J11	0	1	0	0	0	2	0	0	0	3
Pneumonia	J12-J18	4	7	5	4	9	47	1	17	1	34
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**	**5**	**9**	**8**	**18**	**6**	**53**	**8**	**38**	**2**	**80**
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	0	0
Emphysema	J43	1	0	3	4	0	10	0	6	0	6
Asthma	J45-J46	0	1	0	1	1	3	0	2	0	2
Other chronic lower respiratory diseases	J44, J47	4	8	5	13	5	40	8	30	2	72
Pneumoconioses and chemical effects	**J60-J66, J68**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**1**
Pneumonitis due to solids and liquids	**J69**	**0**	**2**	**1**	**2**	**0**	**13**	**1**	**5**	**0**	**7**
Other diseases of respiratory system	**J00-J06,J30-J39, J67, J70-J98**	**2**	**2**	**2**	**3**	**3**	**22**	**1**	**19**	**0**	**13**
Peptic ulcer	**K25-K28**	**1**	**0**	**0**	**0**	**0**	**4**	**0**	**1**	**0**	**3**
Diseases of appendix	**K35-K38**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Hernia	**K40-K46**	**0**	**0**	**0**	**1**	**0**	**5**	**0**	**0**	**0**	**0**
Chronic liver disease and cirrhosis	**K70, K73-K74**	**0**	**1**	**1**	**3**	**6**	**10**	**0**	**3**	**0**	**20**
Alcoholic liver disease	K70	0	1	1	2	1	8	0	2	0	10
Other chronic liver disease and cirrhosis	K73-K74	0	0	0	1	5	2	0	1	0	10
Cholelithiasis and other disorders of gallbladder	**K80-K82**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**2**
Nephritis, nephrotic syndrome and nephrosis	**N00-N07,N17-N19, N25-N27**	**2**	**3**	**1**	**1**	**5**	**32**	**2**	**19**	**1**	**14**
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	1	0	3	0	1
Renal failure	N17-N19	2	3	1	1	5	31	2	16	1	13
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**	**2**	**0**	**0**	**0**	**0**
Hyperplasia of prostate	**N40**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Inflammatory diseases of female pelvic organs	**N70-N76**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table A39a continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Pregnancy, childbirth and puerperium	**O00-O99**	**6**	**0**	**0**	**0**	**0**	**0**	**1**	**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	6	0	0	0	0	0	1	0	0	0
Certain conditions originating in the perinatal period	**P00-P96**	**118**	**0**	**4**	**3**	**2**	**0**	**10**	**0**	**0**	**0**
Congenital malformations, deformations and chromosomal abnormalities	**Q00-Q99**	**112**	**0**	**2**	**4**	**0**	**0**	**13**	**0**	**0**	**0**
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	**R00-R99**	**886**	**9**	**6**	**23**	**8**	**0**	**105**	**3**	**17**	**2**
All other diseases (Residual)	**D65-E07,E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98**	**1,901**	**3**	**34**	**73**	**15**	**0**	**186**	**11**	**13**	**3**
Unintentional injuries	**V01-X59, Y85-Y86**	**834**	**2**	**14**	**26**	**16**	**1**	**78**	**10**	**9**	**5**
Transport accidents	V01-V99, Y85	313	2	3	11	4	0	28	6	2	3
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	284	2	3	11	3	0	27	6	2	3
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	6	0	0	0	0	0	1	0	0	0
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	23	0	0	0	1	0	0	0	0	0
Nontransport accidents	W00-X59, Y86	521	0	11	15	12	1	50	4	7	2
Falls	W00-W19	143	0	5	5	2	0	12	0	1	0
Accidental discharge of firearms	W32-W34	6	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	W65-W74	19	0	0	2	0	0	2	0	0	0
Accidental exposure to smoke, fire, and flames	X00-X09	6	0	0	0	0	0	0	0	0	0
Accidental poisoning and exposure to noxious substances	X40-X49	203	0	4	3	1	0	22	2	3	1
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	144	0	2	5	9	1	14	2	3	1

Table A39b continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Pregnancy, childbirth and puerperium	**O00-O99**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Pregnancy with abortive outcome	O00-O07	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	O10-O99	0	0	0	0	0	0	0	0	1	0
Certain conditions originating in the perinatal period	**P00-P96**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**52**	**0**
Congenital malformations, deformations and chromosomal abnormalities	**Q00-Q99**	**0**	**3**	**1**	**0**	**0**	**0**	**0**	**2**	**42**	**0**
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	**R00-R99**	**0**	**17**	**0**	**6**	**3**	**1**	**1**	**0**	**409**	**1**
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**	**7**	**30**	**4**	**8**	**10**	**10**	**0**	**1**	**816**	**9**
Unintentional injuries	**V01-X59, Y85-Y86**	**3**	**29**	**8**	**3**	**5**	**1**	**3**	**1**	**300**	**13**
Transport accidents	V01-V99, Y85	1	12	1	0	2	1	1	1	98	11
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	3	1	0	2	1	1	0	91	8
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	1	2	0
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	1	9	0	0	0	0	0	0	5	3
Nontransport accidents	W00-X59, Y86	2	17	7	3	3	0	2	0	202	2
Falls	W00-W19	1	5	0	1	1	0	2	0	58	0
Accidental discharge of firearms	W32-W34	0	0	0	0	0	0	0	0	3	0
Accidental drowning and submersion	W65-W74	0	0	0	0	0	0	0	0	6	1
Accidental exposure to smoke, fire, and flames	X00-X09	0	1	0	0	0	0	0	0	0	1
Accidental poisoning and exposure to noxious substances	X40-X49	0	5	4	1	0	0	0	0	88	0
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	1	6	3	1	2	0	0	0	47	0

Table A39c continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Pregnancy, childbirth and puerperium	**O00-O99**	**0**	**0**	**0**	**0**	**1**	**2**	**0**	**1**	**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	1	2	0	1	0	0
Certain conditions originating in the perinatal period	**P00-P96**	**0**	**2**	**0**	**4**	**3**	**18**	**1**	**3**	**0**	**11**
Congenital malformations, deformations and chromosomal abnormalities	**Q00-Q99**	**0**	**1**	**2**	**3**	**1**	**16**	**1**	**7**	**1**	**13**
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	**R00-R99**	**7**	**9**	**7**	**10**	**2**	**74**	**3**	**61**	**0**	**102**
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**	**16**	**17**	**14**	**27**	**23**	**274**	**8**	**102**	**4**	**183**
Unintentional injuries	**V01-X59, Y85-Y86**	**12**	**3**	**10**	**19**	**17**	**120**	**10**	**51**	**1**	**64**
Transport accidents	V01-V99, Y85	6	0	7	7	8	48	5	25	1	19
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	0	5	7	8	47	4	24	1	18
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	1	0	0	0	1	0	0	0
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	0	0	1	0	0	1	0	1	0	1
Nontransport accidents	W00-X59, Y86	6	3	3	12	9	72	5	26	0	45
Falls	W00-W19	1	3	1	4	1	18	2	9	0	11
Accidental discharge of firearms	W32-W34	0	0	0	0	0	0	1	1	0	1
Accidental drowning and submersion	W65-W74	0	0	0	0	2	4	0	1	0	1
Accidental exposure to smoke, fire, and flames	X00-X09	0	0	0	0	1	1	0	0	0	2
Accidental poisoning and exposure to noxious substances	X40-X49	1	0	0	6	3	27	1	8	0	23
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	4	0	2	2	2	22	1	7	0	7

Table A39a continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Intentional self-harm (suicide)	***U03, X60-X84, Y87.0**	**384**	**2**	**6**	**6**	**9**	**0**	**40**	**5**	**2**	**0**
Intentional self-harm (suicide) by discharge of firearms	X72-X74	194	1	3	3	7	0	14	5	2	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	190	1	3	3	2	0	26	0	0	0
Assault (homicide)	***U01-*U02, X85-Y09, Y87.1**	**46**	**0**	**0**	**1**	**0**	**0**	**4**	**0**	**0**	**0**
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	24	0	0	0	0	0	1	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	22	0	0	1	0	0	3	0	0	0
Legal intervention	**Y35, Y89.0**	**7**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**
Events of undetermined intent	**Y10-Y34, Y87.2, Y89.9**	**225**	**0**	**2**	**6**	**2**	**0**	**28**	**0**	**3**	**1**
Discharge of firearms, undetermined intent	Y22-Y24	4	0	0	0	0	0	0	0	1	1
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y87.2, Y89.9	221	0	2	6	2	0	28	0	2	0
Operations of war and their sequelae	**Y36, Y89.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Complications of medical and surgical care	**Y40-Y84, Y88**	**37**	**0**	**1**	**1**	**0**	**0**	**7**	**0**	**1**	**1**

Table A39b continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Intentional self-harm (suicide)	***U03, X60-X84, Y87.0**	**2**	**8**	**1**	**2**	**1**	**0**	**0**	**0**	**169**	**1**
Intentional self-harm (suicide) by discharge of firearms	X72-X74	2	6	1	1	1	0	0	0	72	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	0	2	0	1	0	0	0	0	97	1
Assault (homicide)	***U01-*U02, X85-Y09, Y87.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**28**	**0**
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	0	0	0	0	0	0	0	0	18	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	10	0
Legal intervention	**Y35, Y89.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**0**
Events of undetermined intent	**Y10-Y34, Y87.2, Y89.9**	**1**	**5**	**0**	**1**	**1**	**1**	**0**	**0**	**101**	**0**
Discharge of firearms, undetermined intent	Y22-Y24	0	0	0	0	0	0	0	0	2	0
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y87.2, Y89.9	1	5	0	1	1	1	0	0	99	0
Operations of war and their sequelae	**Y36, Y89.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Complications of medical and surgical care	**Y40-Y84, Y88**	**1**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**11**	**0**

Table A39c continued. Deaths by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Intentional self-harm (suicide)	***U03, X60-X84, Y87.0**	**5**	**6**	**5**	**6**	**7**	**46**	**3**	**17**	**0**	**35**
Intentional self-harm (suicide) by discharge of firearms	X72-X74	2	6	3	4	4	27	2	9	0	19
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	3	0	2	2	3	19	1	8	0	16
Assault (homicide)	***U01-*U02, X85-Y09, Y87.1**	**2**	**0**	**0**	**1**	**0**	**5**	**0**	**2**	**0**	**3**
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	1	0	0	0	0	1	0	1	0	2
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	1	0	0	1	0	4	0	1	0	1
Legal intervention	**Y35, Y89.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Events of undetermined intent	**Y10-Y34, Y87.2, Y89.9**	**4**	**1**	**1**	**5**	**1**	**27**	**1**	**9**	**1**	**23**
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	4	1	1	5	1	27	1	9	1	23
Operations of war and their sequelae	**Y36, Y89.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Complications of medical and surgical care	**Y40-Y84, Y88**	**1**	**1**	**0**	**1**	**0**	**5**	**1**	**2**	**0**	**1**

Table A40. Deaths by selected causes and age, residents: Utah, 2008

Cause of death (10th rev.)	ICD-10 Code	All ages	Age: Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Un-known
Total		**13,920**	**264**	**57**	**77**	**277**	**423**	**488**	**1,072**	**1,463**	**1,994**	**7,805**	**0**
Salmonella infections	**A01-A02**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Shigellosis and amebiasis	**A03,A06**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Certain other intestinal infections	**A04,A07-A09**	**11**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**9**	**0**
Tuberculosis	**A16-A19**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
Respiratory tuberculosis	A16	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	A17-A19	1	0	0	0	0	0	0	0	1	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**	**129**	**3**	**0**	**1**	**2**	**1**	**1**	**11**	**21**	**21**	**68**	**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**	**37**	**0**	**0**	**0**	**0**	**1**	**1**	**10**	**17**	**5**	**3**	**0**
Human immunodeficiency virus (HIV) disease	**B20-B24**	**20**	**0**	**0**	**0**	**0**	**1**	**7**	**5**	**5**	**2**	**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**	**43**	**2**	**1**	**1**	**1**	**4**	**3**	**3**	**5**	**7**	**16**	**0**
Malignant neoplasms	**C00-C97**	**2,478**	**0**	**3**	**12**	**9**	**30**	**65**	**228**	**429**	**610**	**1,092**	**0**
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	23	0	0	0	0	2	0	4	3	8	6	0
Malignant neoplasm of esophagus	C15	53	0	0	0	0	0	3	6	10	18	16	0
Malignant neoplasm of stomach	C16	39	0	0	0	0	2	1	2	9	8	17	0
Malignant neoplasms of colon, rectum and anus	C18-C21	225	0	0	0	0	4	6	24	38	50	103	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	69	0	0	1	0	0	1	14	15	16	22	0
Malignant neoplasm of pancreas	C25	167	0	0	0	0	0	0	16	34	42	75	0
Malignant neoplasm of larynx	C32	8	0	0	0	0	0	0	1	1	4	2	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	370	0	0	0	0	3	5	30	72	111	149	0
Malignant melanoma of skin	C43	58	0	0	0	0	2	2	12	9	13	20	0
Malignant neoplasm of breast	C50	221	0	0	0	0	3	12	34	38	50	84	0
Malignant neoplasm of cervix uteri	C53	11	0	0	0	0	2	2	3	2	1	1	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	36	0	0	0	0	1	1	1	7	8	18	0
Malignant neoplasm of ovary	C56	99	0	0	0	0	1	2	7	26	28	35	0

Table A40 continued. Deaths by selected causes and age, residents: Utah, 2008

Cause of death (10th rev.)	ICD-10 Code	All ages	Age: Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Un-known
Malignant neoplasm of prostate	C61	199	0	0	0	0	0	0	3	12	45	139	0
Malignant neoplasms of kidney and renal pelvis	C64-C65	63	0	0	1	0	0	0	6	11	18	27	0
Malignant neoplasm of bladder	C67	72	0	0	0	0	1	0	2	8	17	44	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	101	0	0	5	4	3	7	19	23	22	18	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	344	0	1	4	3	2	10	18	47	82	177	0
Hodgkin's disease	C81	6	0	0	0	1	0	1	1	0	1	2	0
Non-Hodgkin's lymphoma	C82-C85	111	0	0	1	1	0	0	7	16	32	54	0
Leukemia	C91-C95	152	0	1	3	1	2	9	7	20	29	80	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	74	0	0	0	0	0	0	3	11	20	40	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	1	0	0	0	0	0	0	0	0	0	1	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	320	0	2	1	2	4	13	26	64	69	139	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	**D00-D48**	**88**	**2**	**1**	**0**	**1**	**4**	**1**	**5**	**9**	**12**	**53**	**0**
Anemias	**D50-D64**	**23**	**1**	**0**	**0**	**0**	**1**	**0**	**1**	**1**	**3**	**16**	**0**
Diabetes mellitus	**E10-E14**	**468**	**0**	**0**	**0**	**4**	**7**	**8**	**36**	**72**	**108**	**233**	**0**
Nutritional deficiencies	**E40-E64**	**17**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**5**	**0**	**10**	**0**
Malnutrition	E40-E46	16	0	0	0	0	0	1	1	5	0	9	0
Other nutritional deficiencies	E50-E64	1	0	0	0	0	0	0	0	0	0	1	0
Meningitis	**G00, G03**	**6**	**2**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**2**	**0**	**0**
Parkinson's disease	**G20-G21**	**178**	**0**	**0**	**0**	**1**	**0**	**1**	**2**	**3**	**27**	**144**	**0**
Alzheimer's disease	**G30**	**406**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**17**	**385**	**0**
Major cardiovascular diseases	**I00-I78**	**3,803**	**12**	**1**	**5**	**7**	**28**	**71**	**190**	**329**	**496**	**2,664**	**0**
Diseases of heart	I00-I09,I11,I13,I20-I51	2,823	3	1	5	6	21	56	162	254	374	1,941	0
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	22	0	0	0	1	0	0	0	3	5	13	0
Hypertensive heart disease	I11	98	0	0	0	0	1	3	11	6	7	70	0
Hypertensive heart and renal disease	I13	4	0	0	0	0	0	0	0	0	0	4	0
Ischemic heart diseases	I20-I25	1,416	0	0	0	0	8	33	95	160	218	902	0
Acute myocardial infarction	I21-I22	508	0	0	0	0	3	11	28	68	93	305	0
Other acute ischemic heart diseases	I24	17	0	0	0	0	0	0	1	0	2	14	0
Other forms of chronic ischemic heart disease	I20, I25	891	0	0	0	0	5	22	66	92	123	583	0
Atherosclerotic cardiovascular disease, so described	I25.0	80	0	0	0	0	0	2	2	6	12	58	0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	811	0	0	0	0	5	20	64	86	111	525	0
Other heart diseases	I26-I51	1,283	3	1	5	5	12	20	56	85	144	952	0
Acute and subacute endocarditis	I33	4	0	0	0	0	0	2	1	0	1	0	0
Diseases of the pericardium and acute myocarditis	I30-I31, I40	14	0	0	2	2	2	2	3	1	1	1	0
Heart failure	I50	572	0	0	0	0	1	1	7	15	46	502	0
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	693	3	1	3	3	9	15	45	69	96	449	0

Table A40 continued. Deaths by selected causes and age, residents: Utah, 2008

Cause of death (10th rev.)	ICD-10 Code	All ages	Age: Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Un-known
Essential (primary) hypertension and hypertensive renal disease	I10, I12	108	0	0	0	0	1	2	1	13	14	77	0
Cerebrovascular diseases	I60-I69	739	7	0	0	0	6	11	20	53	84	558	0
Atherosclerosis	I70	35	0	0	0	0	0	0	1	1	2	31	0
Other diseases of the circulatory system	I71-I78	98	2	0	0	1	0	2	6	8	22	57	0
Aortic aneurysm and dissection	I71	53	0	0	0	1	0	2	4	4	16	26	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	45	2	0	0	0	0	0	2	4	6	31	0
Other disorders of circulatory system	**I80-I99**	**23**	**1**	**0**	**0**	**1**	**0**	**1**	**2**	**4**	**5**	**9**	**0**
Influenza and pneumonia	**J10-J18**	**341**	**0**	**2**	**0**	**0**	**5**	**7**	**19**	**20**	**39**	**249**	**0**
Influenza	J10-J11	21	0	1	0	0	0	2	2	2	3	11	0
Pneumonia	J12-J18	320	0	1	0	0	5	5	17	18	36	238	0
Other acute lower respiratory infections	**J20-J22**	**0**	**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	0
Unspecified acute lower respiratory infection	J22	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	**J40-J47**	**636**	**0**	**0**	**0**	**0**	**1**	**2**	**28**	**82**	**161**	**362**	**0**
Bronchitis, chronic and unspecified	J40-J42	2	0	0	0	0	0	1	0	0	0	1	0
Emphysema	J43	58	0	0	0	0	0	0	2	11	20	25	0
Asthma	J45-J46	31	0	0	0	0	1	1	5	6	7	11	0
Other chronic lower respiratory diseases	J44, J47	545	0	0	0	0	0	0	21	65	134	325	0
Pneumoconioses and chemical effects	**J60-J66, J68**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**3**	**0**
Pneumonitis due to solids and liquids	**J69**	**87**	**0**	**0**	**0**	**0**	**1**	**2**	**3**	**6**	**11**	**64**	**0**
Other diseases of respiratory system	**J00-J06,J30-J39, J67, J70-J98**	**166**	**5**	**3**	**0**	**2**	**0**	**3**	**6**	**18**	**25**	**104**	**0**
Peptic ulcer	**K25-K28**	**17**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**3**	**12**	**0**
Diseases of appendix	**K35-K38**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
Hernia	**K40-K46**	**16**	**1**	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**4**	**8**	**0**
Chronic liver disease and cirrhosis	**K70, K73-K74**	**127**	**0**	**0**	**0**	**0**	**2**	**17**	**29**	**36**	**20**	**23**	**0**
Alcoholic liver disease	K70	67	0	0	0	0	1	10	23	22	7	4	0
Other chronic liver disease and cirrhosis	K73-K74	60	0	0	0	0	1	7	6	14	13	19	0
Cholelithiasis and other disorders of gallbladder	**K80-K82**	**17**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**3**	**11**	**0**
Nephritis, nephrotic syndrome and nephrosis	**N00-N07,N17-N19, N25-N27**	**212**	**0**	**1**	**0**	**1**	**1**	**3**	**7**	**24**	**47**	**128**	**0**
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	8	0	0	0	0	0	0	1	0	2	5	0
Renal failure	N17-N19	203	0	1	0	1	1	3	6	23	45	123	0
Other disorders of kidney	N25, N27	1	0	0	0	0	0	0	0	1	0	0	0
Infections of kidney	**N10-N12, N13.6, N15.1**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**3**	**0**
Hyperplasia of prostate	**N40**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**0**
Inflammatory diseases of female pelvic organs	**N70-N76**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table A40 continued. Deaths by selected causes and age, residents: Utah, 2008

Cause of death (10th rev.)	ICD-10 Code	All ages	Age: Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Un-known
Pregnancy, childbirth and puerperium	**O00-O99**	**6**	**0**	**0**	**0**	**3**	**3**	**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	6	0	0	0	3	3	0	0	0	0	0	0
Certain conditions originating in the perinatal period	**P00-P96**	**118**	**115**	**1**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Congenital malformations, deformations and chromosomal abnormalities	**Q00-Q99**	**112**	**68**	**4**	**5**	**3**	**1**	**4**	**10**	**6**	**6**	**5**	**0**
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	**R00-R99**	**886**	**31**	**2**	**5**	**9**	**17**	**12**	**29**	**30**	**50**	**701**	**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**	**1,901**	**13**	**10**	**12**	**19**	**46**	**65**	**136**	**188**	**214**	**1,198**	**0**
Unintentional injuries	**V01-X59, Y85-Y86**	**834**	**3**	**22**	**30**	**107**	**128**	**91**	**133**	**67**	**58**	**195**	**0**
Transport accidents	V01-V99, Y85	313	0	10	24	63	59	35	52	24	21	25	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	284	0	10	23	59	52	31	48	19	18	24	0
Other land transport accidents	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9	6	0	0	1	2	0	0	0	1	1	1	0
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	23	0	0	0	2	7	4	4	4	2	0	0
Nontransport accidents	W00-X59, Y86	521	3	12	6	44	69	56	81	43	37	170	0
Falls	W00-W19	143	0	1	2	4	3	6	10	12	19	86	0
Accidental discharge of firearms	W32-W34	6	0	0	0	2	1	2	0	1	0	0	0
Accidental drowning and submersion	W65-W74	19	0	4	0	6	1	2	1	2	1	2	0
Accidental exposure to smoke, fire, and flames	X00-X09	6	0	0	0	1	0	0	0	2	3	0	0
Accidental poisoning and exposure to noxious substances	X40-X49	203	0	0	1	28	56	41	56	14	4	3	0
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	144	3	7	3	3	8	5	14	12	10	79	0

Table A40 continued. Deaths by selected causes and age, residents: Utah, 2008

Cause of death (10th rev.)	ICD-10 Code	All ages	Age: Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Un-known
Intentional self-harm (suicide)	***U03, X60-X84, Y87.0**	**384**	**0**	**0**	**2**	**76**	**71**	**64**	**90**	**49**	**20**	**12**	**0**
Intentional self-harm (suicide) by discharge of firearms	X72-X74	194	0	0	1	38	36	22	46	26	16	9	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	190	0	0	1	38	35	42	44	23	4	3	0
Assault (homicide)	***U01-*U02, X85-Y09, Y87.1**	**46**	**4**	**4**	**3**	**6**	**8**	**9**	**7**	**3**	**0**	**2**	**0**
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	24	0	1	2	4	5	8	3	0	0	1	0
Assault (homicide) by other and unspecified means and their sequelae	*U01.0-*U01.3, *U01.5-*U01.9, *U02, X85-X92, X96-Y09, Y87.1	22	4	3	1	2	3	1	4	3	0	1	0
Legal intervention	**Y35, Y89.0**	**7**	**0**	**0**	**0**	**0**	**1**	**4**	**2**	**0**	**0**	**0**	**0**
Events of undetermined intent	**Y10-Y34, Y87.2, Y89.9**	**225**	**1**	**2**	**1**	**22**	**61**	**43**	**71**	**18**	**5**	**1**	**0**
Discharge of firearms, undetermined intent	Y22-Y24	4	0	0	1	1	1	0	0	0	0	1	0
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y87.2, Y89.9	221	1	2	0	21	60	43	71	18	5	0	0
Operations of war and their sequelae	**Y36, Y89.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Complications of medical and surgical care	**Y40-Y84, Y88**	**37**	**0**	**0**	**0**	**1**	**0**	**1**	**5**	**3**	**8**	**19**	**0**

Table A41. Deaths by health district, county of occurrence and place where death occurred: Utah, 2008

Health district and county	Total	Place of death: Hospital	Home	Hospice	Enroute	Nursing home	Clinic or office	Other place	Assisted living
Total	14,440	4,555	5,047	302	78	2,623	8	993	834
Bear River	667	142	242	0	6	189	1	31	56
Box Elder	248	39	108	0	4	73	1	9	14
Cache	409	103	128	0	2	116	0	18	42
Rich	10	0	6	0	0	0	0	4	0
Central Utah	474	107	181	0	5	83	0	67	31
Juab	79	20	24	0	3	17	0	7	8
Millard	87	20	15	0	0	19	0	25	8
Piute	8	0	6	0	0	0	0	2	0
Sanpete	138	36	63	0	2	18	0	13	6
Sevier	152	31	66	0	0	29	0	17	9
Wayne	10	0	7	0	0	0	0	3	0
Davis	1,183	273	489	0	5	188	0	98	130
Salt Lake	6,108	2,202	1,966	302	17	1,038	3	349	231
Southeastern	449	113	169	0	2	70	3	75	17
Carbon	214	69	85	0	1	34	0	11	14
Emery	81	0	41	0	0	20	3	14	3
Grand	75	27	23	0	0	1	0	24	0
San Juan	79	17	20	0	1	15	0	26	0
Southwest	1,342	344	465	0	18	351	0	88	76
Beaver	45	15	16	0	1	11	0	2	0
Garfield	43	12	10	0	2	11	0	8	0
Iron	243	39	97	0	2	78	0	17	10
Kane	61	12	24	0	6	9	0	7	3
Washington	950	266	318	0	7	242	0	54	63
Summit	102	0	61	0	0	0	0	31	10
Tooele	212	36	107	0	1	16	0	39	13
TriCounty	262	58	101	0	5	64	0	29	5
Daggett	4	0	2	0	0	0	0	2	0
Duchesne	104	31	36	0	2	20	0	12	3
Uintah	154	27	63	0	3	44	0	15	2
Utah County	1,956	684	690	0	9	272	1	125	175
Wasatch	80	9	38	0	2	20	0	6	5
Weber-Morgan	1,605	587	538	0	8	332	0	55	85
Morgan	22	0	19	0	0	0	0	3	0
Weber	1,583	587	519	0	8	332	0	52	85

Table A42. Deaths from unnatural causes by health district, county of residence: Utah, 2008

Health district and county	Total	Cause of death (10th rev.)				
		Unintentional injuries (V01-X59, Y85-Y86)				
		Motor vehicle accidents V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2	Other accidents V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99, Y85, W00-X59, Y86	Assault (homicide) *U01-*U02, X85-Y09, Y87.1 and legal intervention Y35, Y89.0	Intentional self-harm (suicide) *U03, X60-X84, Y87.0	Events of undetermined intent Y10-Y34, Y87.2, Y89.9
Total	1,496	284	550	53	384	225
Bear River	63	14	27	2	12	8
Box Elder	22	3	11	0	6	2
Cache	40	11	15	2	6	6
Rich	1	0	1	0	0	0
Central Utah	54	11	21	2	13	7
Juab	9	1	7	0	1	0
Millard	7	2	3	0	1	1
Piute	3	1	2	0	0	0
Sanpete	23	6	6	2	5	4
Sevier	10	0	3	0	6	1
Wayne	2	1	0	0	0	1
Davis	151	27	51	5	40	28
Salt Lake	603	91	209	33	169	101
Southeastern	61	13	28	0	14	6
Carbon	27	3	13	0	9	2
Emery	14	2	7	0	2	3
Grand	6	0	3	0	2	1
San Juan	14	8	5	0	1	0
Southwest	137	32	58	2	29	16
Beaver	4	2	0	0	2	0
Garfield	6	3	2	0	0	1
Iron	42	3	26	0	8	5
Kane	6	0	3	0	2	1
Washington	79	24	27	2	17	9
Summit	16	5	5	0	5	1
Tooele	31	7	12	1	6	5
TriCounty	41	14	14	0	12	1
Daggett	1	0	1	0	0	0
Duchesne	15	6	4	0	5	0
Uintah	25	8	9	0	7	1
Utah County	198	47	73	5	46	27
Wasatch	14	4	6	0	3	1
Weber-Morgan	127	19	46	3	35	24
Morgan	2	1	0	0	0	1
Weber	125	18	46	3	35	23

Table A43. Deaths from unnatural causes by age and gender, residents: Utah, 2008

Age and gender	Total	Cause of death (10th rev.)				
		Unintentional injuries (V01-X59, Y85-Y86)				
		Motor vehicle accidents V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2	Other accidents V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99, Y85, W00-X59, Y86	Assault (homicide) *U01-*U02, X85-Y09, Y87.1 and legal intervention Y35, Y89.0	Intentional self-harm (suicide) *U03, X60-X84, Y87.0	Events of undetermined intent Y10-Y34, Y87.2, Y89.9
Total	1,496	284	550	53	384	225
Male	1,015	197	345	34	311	128
Female	481	87	205	19	73	97
Under 15	72	33	22	11	2	4
Male	46	20	16	6	2	2
Female	26	13	6	5	0	2
15-19	75	24	19	2	25	5
Male	56	15	14	2	20	5
Female	19	9	5	0	5	0
20-24	136	35	29	4	51	17
Male	107	24	20	3	46	14
Female	29	11	9	1	5	3
25-34	269	52	76	9	71	61
Male	208	43	63	4	59	39
Female	61	9	13	5	12	22
35-44	211	31	60	13	64	43
Male	142	18	44	10	47	23
Female	69	13	16	3	17	20
45-54	303	48	85	9	90	71
Male	214	41	54	6	75	38
Female	89	7	31	3	15	33
55-64	137	19	48	3	49	18
Male	86	11	32	1	37	5
Female	51	8	16	2	12	13
65-74	83	18	40	0	20	5
Male	55	12	25	0	17	1
Female	28	6	15	0	3	4
75-84	107	20	74	2	10	1
Male	56	11	35	2	7	1
Female	51	9	39	0	3	0
85 and over	103	4	97	0	2	0
Male	45	2	42	0	1	0
Female	58	2	55	0	1	0

Table A44. Deaths from unnatural causes by race/ethnicity and gender, residents: Utah, 2008

Race/ethnicity and gender	Total	Cause of death (10th rev.)				
		Unintentional injuries (V01-X59, Y85-Y86)				
		Motor vehicle accidents V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2	Other accidents V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99, Y85, W00-X59, Y86	Assault (homicide) *U01-*U02, X85-Y09, Y87.1 and legal intervention Y35, Y89.0	Intentional self-harm (suicide) *U03, X60-X84, Y87.0	Events of undetermined intent Y10-Y34, Y87.2, Y89.9
Total	1,496	284	550	53	384	225
Male	1,015	197	345	34	311	128
Female	481	87	205	19	73	97
White	1,299	217	501	34	336	211
Male	873	154	313	22	267	117
Female	426	63	188	12	69	94
Black	13	4	1	4	3	1
Male	11	3	1	4	2	1
Female	2	1	0	0	1	0
Hispanic all races	129	44	31	13	30	11
Male	90	26	21	7	27	9
Female	39	18	10	6	3	2
Native American	27	11	9	0	7	0
Male	20	7	6	0	7	0
Female	7	4	3	0	0	0
Asian and Pacific Islander	18	6	2	2	7	1
Male	15	5	2	1	7	0
Female	3	1	0	1	0	1
Other non-white	0	0	0	0	0	0
Male	0	0	0	0	0	0
Female	0	0	0	0	0	0
Not stated	10	2	6	0	1	1
Male	6	2	2	0	1	1
Female	4	0	4	0	0	0

Hispanic deaths are not distributed by race.

Table A45. Deaths from unintentional injuries by cause and month, occurrences: Utah, 2008

Cause of death (10th rev.)	Total	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	911	71	56	61	65	74	92	91	100	82	82	63	74
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,	324	24	12	17	13	38	36	37	37	29	32	26	23
Other transport accidents V01, V06, V09.1, V09.3, V09.9, V10-V11, V16-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.7-V80.9, V87.9, V88.9, V89.1,V89.3, V89.9, V98-V99,Y85	9	0	0	0	3	0	1	1	1	1	1	1	0
Railway V05, V15, V80.6, V81.2-V81.9	2	0	1	1	0	0	0	0	0	0	0	0	0
Water transport V90-V94	3	0	0	0	0	0	0	1	1	0	1	0	0
Air and space transport V95-V97	22	0	0	0	0	2	0	3	13	0	3	1	0
Falls W00-W19	155	14	10	15	9	12	18	16	9	16	9	11	16
All other and unspecified W20-W31, W35-W38, W41-W64, W92-W99, X20-X32, X39, X50-X59, Y86	97	8	12	8	12	6	7	7	6	5	8	6	12
Discharge of firearms W32-W34	6	0	0	1	1	0	0	2	0	0	1	1	0
Discharge of firework and explosion of other materials W39-W40	2	0	0	0	0	0	1	0	0	0	0	0	1
Drowning and submersion W65-W74	18	1	1	0	0	3	8	2	1	1	0	1	0
Other accidental and unspecified threats to breathing W75-W77, W81-W84	7	3	0	0	0	0	0	0	2	1	1	0	0
Inhalation and ingestion of food or other objects causing obstruction W78-W80	41	4	1	2	5	1	4	3	7	3	3	4	4
Electric current W85-W87	2	1	0	0	0	0	0	0	1	0	0	0	0
Smoke, fire and flames X00-X09	10	1	3	2	1	0	0	0	1	0	1	1	0
Contact with heat and hot substances X10-X19	0	0	0	0	0	0	0	0	0	0	0	0	0
Nature and environment X33-X38	7	0	0	0	0	0	0	0	0	3	0	0	4
Poisoning X40-X49	206	15	16	15	21	12	17	19	21	23	22	11	14

Table A46. Deaths from unintentional injuries by cause, age and gender, occurrences: Utah, 2008

				Age and gender																							
	Total			Under 15			15-19			20-24			25-34			35-44			45-54			55-64			65 and over		
Cause of death (10th rev.)	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	911	602	309	63	40	23	51	37	14	73	52	21	134	111	23	102	71	31	141	99	42	77	52	25	270	140	130
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	324	229	95	36	22	14	30	21	9	39	28	11	56	46	10	39	24	15	53	43	10	22	14	8	49	31	18
Other transport accidents V01, V06, V09.1, V09.3, V09.9, V10-V11, V16-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.7-V80.9, V87.9, V88.9, V89.1, V89.3, V89.9, V98-V99, Y85	9	6	3	1	0	1	0	0	0	1	1	0	1	0	1	2	2	0	0	0	0	2	1	1	2	2	0
Railway V05, V15, V80.6, V81.2-V81.9	2	2	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Water transport V90-V94	3	2	1	0	0	0	1	1	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Air and space transport V95-V97	22	18	4	0	0	0	0	0	0	1	1	0	6	4	2	3	3	0	6	4	2	4	4	0	2	2	0
Falls W00-W19	155	89	66	4	4	0	3	1	2	1	1	0	4	4	0	6	3	3	11	10	1	14	11	3	112	55	57
All other and unspecified W20-W31, W35-W38, W41-W64, W92-W99, X20-X32, X39, X50-X59, Y86	97	47	50	4	3	1	0	0	0	0	0	0	0	0	0	2	2	0	10	6	4	13	8	5	68	28	40
Discharge of firearms W32-W34	6	6	0	1	1	0	2	2	0	0	0	0	1	1	0	1	1	0	0	0	0	1	1	0	0	0	0
Discharge of firework and explosion of other materials W39-W40	2	2	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Drowning and submersion W65-W74	18	15	3	5	2	3	4	4	0	3	3	0	1	1	0	2	2	0	1	1	0	1	1	0	1	1	0
Other accidental and unspecified threats to breathing W75-W77, W81-W84	7	7	0	3	3	0	0	0	0	0	0	0	1	1	0	0	0	0	2	2	0	0	0	0	1	1	0
Inhalation and ingestion of food or other objects causing obstuction W78-W80	41	27	14	5	3	2	1	1	0	0	0	0	1	1	0	4	3	1	4	2	2	2	1	1	24	16	8
Electric current W85-W87	2	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Smoke, fire and flames X00-X09	10	3	7	2	0	2	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	2	1	1	4	1	3
Contact with heat and hot substances 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
Nature and environment X33-X38	7	5	2	1	1	0	1	1	0	2	2	0	1	0	1	0	0	0	0	0	0	2	1	1	0	0	0
Poisoning X40-X49	206	142	64	1	1	0	7	5	2	23	14	9	58	49	9	42	30	12	54	31	23	14	9	5	7	3	4

Table A47a. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Total		**652**	**0**	**10**	**8**	**21**	**0**	**42**	**4**	**2**	**0**
Salmonella infections	**A01-A02**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Shigellosis and amebiasis	**A03,A06**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Certain other intestinal infections	**A04,A07-A09**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Tuberculosis	**A16-A19**	**1**	**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	1	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**	**5**	**0**	**0**	**1**	**0**	**0**	**1**	**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**	**8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Human immunodeficiency virus (HIV) disease	**B20-B24**	**4**	**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**	**6**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**
Malignant neoplasms	**C00-C97**	**101**	**0**	**1**	**2**	**2**	**0**	**10**	**0**	**1**	**0**
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	2	0	1	0	0	0	0	0	0	0
Malignant neoplasm of esophagus	C15	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of stomach	C16	9	0	0	0	0	0	2	0	0	0
Malignant neoplasms of colon, rectum and anus	C18-C21	14	0	0	1	0	0	0	0	0	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	5	0	0	0	1	0	0	0	0	0
Malignant neoplasm of pancreas	C25	9	0	0	0	0	0	0	0	1	0
Malignant neoplasm of larynx	C32	1	0	0	0	0	0	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	10	0	0	0	0	0	2	0	0	0
Malignant melanoma of skin	C43	1	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	C50	6	0	0	0	0	0	0	0	0	0
Malignant neoplasm of cervix uteri	C53	1	0	0	0	0	0	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	2	0	0	0	0	0	0	0	0	0
Malignant neoplasm of ovary	C56	2	0	0	0	0	0	0	0	0	0

Table A47b. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Total		**2**	**5**	**0**	**4**	**0**	**0**	**0**	**0**	**345**	**0**
Salmonella infections	**A01-A02**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Shigellosis and amebiasis	**A03,A06**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Certain other intestinal infections	**A04,A07-A09**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Tuberculosis	**A16-A19**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Respiratory tuberculosis	A16										
Other tuberculosis	A17-A19	0	0	0	0	0	0	0	0	1	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**	**1**	**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**	**5**	**0**
Human immunodeficiency virus (HIV) disease	**B20-B24**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**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**	**3**	**0**
Malignant neoplasms	**C00-C97**	**0**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**52**	**0**
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	0	0	0	0	0	0	0	0	1	0
Malignant neoplasm of esophagus	C15	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of stomach	C16	0	0	0	0	0	0	0	0	3	0
Malignant neoplasms of colon, rectum and	C18-C21	0	0	0	0	0	0	0	0	9	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	0	0	0	0	0	0	0	0	3	0
Malignant neoplasm of pancreas	C25	0	0	0	0	0	0	0	0	5	0
Malignant neoplasm of larynx	C32	0	0	0	0	0	0	0	0	1	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	0	0	0	0	0	0	0	0	5	0
Malignant melanoma of skin	C43	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	C50	0	0	0	1	0	0	0	0	5	0
Malignant neoplasm of cervix uteri	C53	0	0	0	0	0	0	0	0	1	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	0	0	0	0	0	0	0	0	1	0
Malignant neoplasm of ovary	C56	0	0	0	0	0	0	0	0	2	0

Table A47c. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Total		**6**	**4**	**4**	**18**	**3**	**64**	**1**	**20**	**0**	**89**
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**	**1**	**0**	**0**	**0**	**0**
Tuberculosis	**A16-A19**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Respiratory tuberculosis	A16										
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**	**1**	**0**	**0**	**0**	**0**	**0**	**1**
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**	**1**	**0**	**1**	**0**	**0**	**0**	**1**
Human immunodeficiency virus (HIV) disease	**B20-B24**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Malaria	**B50-B54**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Other and unspecified infectious and parasitic diseases and their sequelae	**A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**
Malignant neoplasms	**C00-C97**	**0**	**0**	**1**	**1**	**0**	**11**	**0**	**5**	**0**	**13**
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	0
Malignant neoplasm of stomach	C16	0	0	0	0	0	2	0	0	0	2
Malignant neoplasms of colon, rectum and anus	C18-C21	0	0	0	0	0	0	0	1	0	3
Malignant neoplasms of liver and intrahepatic bile ducts	C22	0	0	0	0	0	0	0	1	0	0
Malignant neoplasm of pancreas	C25	0	0	0	0	0	2	0	0	0	1
Malignant neoplasm of larynx	C32	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	0	0	0	0	0	1	0	0	0	2
Malignant melanoma of skin	C43	0	0	0	0	0	1	0	0	0	0
Malignant neoplasm of breast	C50	0	0	0	0	0	0	0	0	0	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	1	0	0	0	0	0	0	0
Malignant neoplasm of ovary	C56	0	0	0	0	0	0	0	0	0	0

Table A47a continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

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	9	0	0	0	0	0	1	0	0	0
Malignant neoplasms of kidney and renal pelvis	C64-C65	4	0	0	1	0	0	0	0	0	0
Malignant neoplasm of bladder	C67	1	0	0	0	0	0	0	0	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	5	0	0	0	0	0	1	0	0	0
Malignant neoplasms of lymphoid,	C81-C96	15	0	0	0	1	0	3	0	0	0
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	4	0	0	0	1	0	0	0	0	0
Leukemia	C91-C95	8	0	0	0	0	0	3	0	0	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	3	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	5	0	0	0	0	0	1	0	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	**D00-D48**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Anemias	**D50-D64**	**2**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
Diabetes mellitus	**E10-E14**	**24**	**0**	**0**	**0**	**2**	**0**	**2**	**0**	**0**	**0**
Nutritional deficiencies	**E40-E64**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**
Malnutrition	E40-E46	1	0	0	0	1	0	0	0	0	0
Other nutritional deficiencies	E50-E64	0	0	0	0	0	0	0	0	0	0
Meningitis	**G00, G03**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Parkinson's disease	**G20-G21**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Alzheimer's disease	**G30**	**5**	**0**	**0**	**0**	**2**	**0**	**1**	**0**	**0**	**0**
Major cardiovascular diseases	**I00-I78**	**120**	**0**	**6**	**1**	**7**	**0**	**6**	**0**	**0**	**0**
Diseases of heart	I00-I09,I11,I13,I20-I51	86	0	2	0	7	0	6	0	0	0
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	I11	4	0	0	0	2	0	0	0	0	0
Hypertensive heart and renal disease	I13	0	0	0	0	0	0	0	0	0	0
Ischemic heart diseases	I20-I25	46	0	1	0	2	0	4	0	0	0
Acute myocardial infarction	I21-I22	14	0	0	0	1	0	1	0	0	0
Other acute ischemic heart diseases	I24	1	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	I20, I25	31	0	1	0	1	0	3	0	0	0
Atherosclerotic cardiovascular disease, so described	I25.0	1	0	0	0	0	0	0	0	0	0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	30	0	1	0	1	0	3	0	0	0
Other heart diseases	I26-I51	36	0	1	0	3	0	2	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	2	0	0	0	0	0	1	0	0	0
Heart failure	I50	14	0	0	0	1	0	1	0	0	0
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	20	0	1	0	2	0	0	0	0	0

Table A47b continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

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	1	0	0	0	0	0	0	4	0
Malignant neoplasms of kidney and renal pelvis	C64-C65	0	0	0	0	0	0	0	0	2	0
Malignant neoplasm of bladder	C67	0	0	0	0	0	0	0	0	1	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	0	0	0	0	0	0	0	0	2	0
Malignant neoplasms of lymphoid,	C81-C96	0	0	0	0	0	0	0	0	5	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	2	0
Leukemia	C91-C95	0	0	0	0	0	0	0	0	1	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	0	0	0	0	0	0	0	0	2	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	0	2	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	**D00-D48**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Anemias	**D50-D64**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Diabetes mellitus	**E10-E14**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**9**	**0**
Nutritional deficiencies	**E40-E64**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Malnutrition	E40-E46	0	0	0	0	0	0	0	0	0	0
Other nutritional deficiencies	E50-E64	0	0	0	0	0	0	0	0	0	0
Meningitis	**G00, G03**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Parkinson's disease	**G20-G21**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Alzheimer's disease	**G30**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Major cardiovascular diseases	**I00-I78**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**62**	**0**
Diseases of heart	I00-I09,I11,I13,I20-I51	0	0	0	0	0	0	0	0	45	0
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	2	0
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	25	0
Acute myocardial infarction	I21-I22	0	0	0	0	0	0	0	0	8	0
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	0	0	0	17	0
Atherosclerotic cardiovascular disease, so described	I25.0	0	0	0	0	0	0	0	0	1	0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	0	0	0	0	0	0	0	0	16	0
Other heart diseases	I26-I51	0	0	0	0	0	0	0	0	18	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	1	0
Heart failure	I50	0	0	0	0	0	0	0	0	6	0
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	0	0	0	0	0	0	0	0	11	0

Table A47c continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Malignant neoplasm of prostate	C61	0	0	0	0	0	1	0	0	0	2
Malignant neoplasms of kidney and renal pelvis	C64-C65	0	0	0	0	0	0	0	0	0	1
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	2	0	0	0	0
Malignant neoplasms of lymphoid,	C81-C96	0	0	0	1	0	0	0	3	0	2
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	1	0	0
Leukemia	C91-C95	0	0	0	0	0	0	0	2	0	2
Multiple myeloma and immunoproliferative neoplasms	C88, C90	0	0	0	1	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	2	0	0	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	**D00-D48**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Anemias	**D50-D64**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Diabetes mellitus	**E10-E14**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**2**	**0**	**6**
Nutritional deficiencies	**E40-E64**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Malnutrition	E40-E46	0	0	0	0	0	0	0	0	0	0
Other nutritional deficiencies	E50-E64	0	0	0	0	0	0	0	0	0	0
Meningitis	**G00, G03**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Parkinson's disease	**G20-G21**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Alzheimer's disease	**G30**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Major cardiovascular diseases	**I00-I78**	**2**	**2**	**0**	**7**	**0**	**7**	**0**	**4**	**0**	**16**
Diseases of heart	I00-I09,I11,I13,I20-I51	2	0	0	6	0	4	0	3	0	11
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	0	0
Hypertensive heart and renal disease	I13	0	0	0	0	0	0	0	0	0	0
Ischemic heart diseases	I20-I25	1	0	0	3	0	1	0	2	0	7
Acute myocardial infarction	I21-I22	0	0	0	0	0	1	0	1	0	2
Other acute ischemic heart diseases	I24	0	0	0	0	0	0	0	0	0	1
Other forms of chronic ischemic heart disease	I20, I25	1	0	0	3	0	0	0	1	0	4
Atherosclerotic cardiovascular disease, so described	I25.0	0	0	0	0	0	0	0	0	0	0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	1	0	0	3	0	0	0	1	0	4
Other heart diseases	I26-I51	1	0	0	3	0	3	0	1	0	4
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	1	0	0	2	0	1	0	0	0	2
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	0	0	0	1	0	2	0	1	0	2

Table A47a continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Essential (primary) hypertension and hypertensive renal disease	I10, I12	1	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	I60-I69	27	0	2	1	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	6	0	2	0	0	0	0	0	0	0
Aortic aneurysm and dissection	I71	3	0	1	0	0	0	0	0	0	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	3	0	1	0	0	0	0	0	0	0
Other disorders of circulatory system	**I80-I99**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Influenza and pneumonia	**J10-J18**	**20**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**0**
Influenza	J10-J11	0	0	0	0	0	0	0	0	0	0
Pneumonia	J12-J18	20	0	0	0	1	0	1	0	0	0
Other acute lower respiratory infections	**J20-J22**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Acute bronchitis and bronchiolitis	J20-J21	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	J22	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	**J40-J47**	**19**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	0	0
Emphysema	J43	2	0	0	0	0	0	0	0	0	0
Asthma	J45-J46	0	0	0	0	0	0	0	0	0	0
Other chronic lower respiratory diseases	J44, J47	17	0	0	0	1	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**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Other diseases of respiratory system	**J00-J06,J30-J39, J67, J70-J98**	**10**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**
Peptic ulcer	**K25-K28**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Diseases of appendix	**K35-K38**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hernia	**K40-K46**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Chronic liver disease and cirrhosis	**K70, K73-K74**	**19**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**
Alcoholic liver disease	K70	10	0	0	0	0	0	3	0	0	0
Other chronic liver disease and cirrhosis	K73-K74	9	0	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**
Nephritis, nephrotic syndrome and nephrosis	**N00-N07,N17-N19, N25-N27**	**16**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**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	2	0	0	0	0	0	0	0	0	0
Renal failure	N17-N19	14	0	1	0	0	0	1	0	0	0
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0
Infections of kidney	**N10-N12, N13.6, N15.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hyperplasia of prostate	**N40**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Inflammatory diseases of female pelvic organs	**N70-N76**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table A47b continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Essential (primary) hypertension and hypertensive renal disease	I10, I12	0	0	0	0	0	0	0	0	1	0
Cerebrovascular diseases	I60-I69	0	0	0	0	0	0	0	0	13	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	3	0
Aortic aneurysm and dissection	I71	0	0	0	0	0	0	0	0	1	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	0	0	0	0	0	0	0	0	2	0
Other disorders of circulatory system	**I80-I99**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**
Influenza and pneumonia	**J10-J18**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**10**	**0**
Influenza	J10-J11	0	0	0	0	0	0	0	0	0	0
Pneumonia	J12-J18	1	0	0	1	0	0	0	0	10	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**	**13**	**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	1	0
Asthma	J45-J46	0	0	0	0	0	0	0	0	0	0
Other chronic lower respiratory diseases	J44, J47	0	0	0	0	0	0	0	0	12	0
Pneumoconioses and chemical effects	**J60-J66, J68**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pneumonitis due to solids and liquids	**J69**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Other diseases of respiratory system	**J00-J06,J30-J39, J67, J70-J98**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**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**	**0**	**9**	**0**
Alcoholic liver disease	K70	0	0	0	0	0	0	0	0	4	0
Other chronic liver disease and cirrhosis	K73-K74	0	0	0	0	0	0	0	0	5	0
Cholelithiasis and other disorders of gallbladder	**K80-K82**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Nephritis, nephrotic syndrome and nephrosis	**N00-N07,N17-N19, N25-N27**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**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	6	0
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0
Infections of kidney	**N10-N12, N13.6, N15.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hyperplasia of prostate	**N40**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Inflammatory diseases of female pelvic organs	**N70-N76**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table A47c continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Sanpete	Sevier	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Essential (primary) hypertension and hypertensive renal disease	I10, I12	0	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	I60-I69	0	2	0	1	0	3	0	0	0	5
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	1	0	0
Aortic aneurysm and dissection	I71	0	0	0	0	0	0	0	1	0	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	0	0	0	0	0	0	0	0	0	0
Other disorders of circulatory system	**I80-I99**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Influenza and pneumonia	**J10-J18**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**1**	**0**	**3**
Influenza	J10-J11	0	0	0	0	0	0	0	0	0	0
Pneumonia	J12-J18	0	0	0	0	0	2	0	1	0	3
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**	**2**	**0**	**0**	**0**	**3**
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	0	0
Emphysema	J43	0	0	0	0	0	1	0	0	0	0
Asthma	J45-J46	0	0	0	0	0	0	0	0	0	0
Other chronic lower respiratory diseases	J44, J47	0	0	0	0	0	1	0	0	0	3
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**	**1**	**0**	**0**	**0**	**0**
Other diseases of respiratory system	**J00-J06,J30-J39, J67, J70-J98**	**1**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**0**	**2**
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**	**1**	**0**	**0**	**0**	**0**
Chronic liver disease and cirrhosis	**K70, K73-K74**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**5**
Alcoholic liver disease	K70	0	0	0	0	0	1	0	0	0	2
Other chronic liver disease and cirrhosis	K73-K74	0	0	0	0	1	0	0	0	0	3
Cholelithiasis and other disorders of gallbladder	**K80-K82**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Nephritis, nephrotic syndrome and nephrosis	**N00-N07,N17-N19, N25-N27**	**0**	**0**	**0**	**0**	**1**	**3**	**0**	**1**	**0**	**3**
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01,N04	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07,N26	0	0	0	0	0	0	0	1	0	1
Renal failure	N17-N19	0	0	0	0	1	3	0	0	0	2
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0
Infections of kidney	**N10-N12, N13.6, N15.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hyperplasia of prostate	**N40**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Inflammatory diseases of female pelvic organs	**N70-N76**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table A47a continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Pregnancy, childbirth and puerperium	**O00-O99**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pregnancy with abortive outcome	O00-O07	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	O10-O99	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period	**P00-P96**	**24**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**
Congenital malformations, deformations and chromosomal abnormalities	**Q00-Q99**	**20**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	**R00-R99**	**33**	**0**	**0**	**1**	**0**	**0**	**1**	**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**	**74**	**0**	**1**	**1**	**0**	**0**	**4**	**1**	**0**	**0**
Unintentional injuries	**V01-X59, Y85-Y86**	**75**	**0**	**1**	**1**	**2**	**0**	**5**	**2**	**0**	**0**
Transport accidents	V01-V99, Y85	46	0	0	0	2	0	3	2	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	44	0	0	0	2	0	3	2	0	0
Other land transport accidents	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9	1	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	1	0	0	0	0	0	0	0	0	0
Nontransport accidents	W00-X59, Y86	29	0	1	1	0	0	2	0	0	0
Falls	W00-W19	4	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	3	0	0	1	0	0	1	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	19	0	1	0	0	0	1	0	0	0
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	3	0	0	0	0	0	0	0	0	0

Table A47b continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Pregnancy, childbirth and puerperium	**O00-O99**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pregnancy with abortive outcome	O00-O07	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	O10-O99	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period	**P00-P96**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**13**	**0**
Congenital malformations, deformations and chromosomal abnormalities	**Q00-Q99**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**0**
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	**R00-R99**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**19**	**0**
All other diseases (Residual)	**D65-E07,E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**47**	**0**
Unintentional injuries	**V01-X59, Y85-Y86**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**38**	**0**
Transport accidents	V01-V99, Y85	0	0	0	0	0	0	0	0	22	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	0	20	0
Other land transport accidents	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9	0	0	0	0	0	0	0	0	1	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	1	0
Nontransport accidents	W00-X59, Y86	0	2	0	0	0	0	0	0	16	0
Falls	W00-W19	0	0	0	0	0	0	0	0	3	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	1	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	1	0	0	0	0	0	0	11	0
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	0	1	0	0	0	0	0	0	1	0

Table A47c continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

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

Table A47a continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	Total	County								
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis	Duchesne	Emery	Garfield
Intentional self-harm (suicide)	***U03, X60-X84, Y87.0**	**30**	**0**	**0**	**0**	**1**	**0**	**3**	**0**	**1**	**0**
Intentional self-harm (suicide) by discharge of firearms	X72-X74	13	0	0	0	1	0	0	0	1	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	17	0	0	0	0	0	3	0	0	0
Assault (homicide)	***U01-*U02, X85-Y09, Y87.1**	**12**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	6	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	6	0	0	0	0	0	1	0	0	0
Legal intervention	**Y35, Y89.0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Events of undetermined intent	**Y10-Y34, Y87.2, Y89.9**	**11**	**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	11	0	0	0	0	0	0	0	0	0
Operations of war and their sequelae	**Y36, Y89.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Complications of medical and surgical care	**Y40-Y84, Y88**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table A47b continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Intentional self-harm (suicide)	***U03, X60-X84, Y87.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**13**	**0**
Intentional self-harm (suicide) by discharge of firearms	X72-X74	0	0	0	0	0	0	0	0	5	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	0	0	8	0
Assault (homicide)	***U01-*U02, X85-Y09, Y87.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10**	**0**
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	0	0	0	0	0	0	0	0	6	0
Assault (homicide) by other and unspecified means and their sequelae	*U01.0-*U01.3, *U01.5-*U01.9, *U02, X85-X92, X96-Y09, Y87.1	0	0	0	0	0	0	0	0	4	0
Legal intervention	**Y35, Y89.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Events of undetermined intent	**Y10-Y34, Y87.2, Y89.9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**0**
Discharge of firearms, undetermined intent	Y22-Y24	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y87.2, Y89.9	0	0	0	0	0	0	0	0	7	0
Operations of war and their sequelae	**Y36, Y89.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Complications of medical and surgical care	**Y40-Y84, Y88**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**

Table A47c continued. Deaths to decedents of Hispanic origin by selected causes and county of residence: Utah, 2008

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

Table A48. Deaths to decedents of Hispanic origin by selected causes and age, residents: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	All ages	Age: Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Un-known
Total		**652**	**54**	**8**	**14**	**33**	**44**	**48**	**81**	**70**	**92**	**208**	**0**
Salmonella infections	**A01-A02**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Shigellosis and amebiasis	**A03, A06**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Certain other intestinal infections	**A04, A07-A09**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Tuberculosis	**A16-A19**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
Respiratory tuberculosis	A16	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	A17-A19	1	0	0	0	0	0	0	0	1	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**	**1**	**0**	**0**	**1**	**1**	**1**	**1**	**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**	**8**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**2**	**1**	**1**	**0**
Human immunodeficiency virus (HIV) disease	**B20-B24**	**4**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**1**	**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**	**6**	**0**	**0**	**0**	**1**	**1**	**1**	**1**	**0**	**1**	**1**	**0**
Malignant neoplasms	**C00-C97**	**101**	**0**	**0**	**2**	**0**	**4**	**4**	**15**	**20**	**17**	**39**	**0**
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	2	0	0	0	0	0	0	1	0	1	0	0
Malignant neoplasm of esophagus	C15	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of stomach	C16	9	0	0	0	0	1	0	0	2	2	4	0
Malignant neoplasms of colon, rectum and anus	C18-C21	14	0	0	0	0	1	0	3	0	4	6	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	5	0	0	1	0	0	0	0	1	0	3	0
Malignant neoplasm of pancreas	C25	9	0	0	0	0	0	0	4	0	2	3	0
Malignant neoplasm of larynx	C32	1	0	0	0	0	0	0	0	0	1	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	10	0	0	0	0	0	0	1	3	1	5	0
Malignant melanoma of skin	C43	1	0	0	0	0	0	0	0	0	0	1	0
Malignant neoplasm of breast	C50	6	0	0	0	0	0	1	1	1	1	2	0
Malignant neoplasm of cervix uteri	C53	1	0	0	0	0	1	0	0	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	2	0	0	0	0	0	0	1	0	0	1	0
Malignant neoplasm of ovary	C56	2	0	0	0	0	0	0	0	2	0	0	0

Table A48 continued. Deaths to decedents of Hispanic origin by selected causes and age, residents: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	All ages	Age: Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Un-known
Malignant neoplasm of prostate	C61	9	0	0	0	0	0	0	1	1	2	5	0
Malignant neoplasms of kidney and renal pelvis	C64-C65	4	0	0	0	0	0	0	0	1	2	1	0
Malignant neoplasm of bladder	C67	1	0	0	0	0	0	0	0	0	0	1	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	5	0	0	1	0	0	0	1	1	0	2	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	15	0	0	0	0	1	2	1	5	1	5	0
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	4	0	0	0	0	0	0	0	1	0	3	0
Leukemia	C91-C95	8	0	0	0	0	1	2	1	2	1	1	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	3	0	0	0	0	0	0	0	2	0	1	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	0	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	5	0	0	0	0	0	1	1	3	0	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	**D00-D48**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Anemias	**D50-D64**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**
Diabetes mellitus	**E10-E14**	**24**	**0**	**0**	**0**	**0**	**2**	**0**	**3**	**4**	**9**	**6**	**0**
Nutritional deficiencies	**E40-E64**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Malnutrition	E40-E46	1	0	0	0	0	0	0	0	0	0	1	0
Other nutritional deficiencies	E50-E64	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis	**G00, G03**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Parkinson's disease	**G20-G21**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**
Alzheimer's disease	**G30**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**0**
Major cardiovascular diseases	**I00-I78**	**120**	**1**	**0**	**1**	**0**	**3**	**2**	**13**	**12**	**24**	**64**	**0**
Diseases of heart	I00-I09,I11,I13,I20-I51	86	1	0	1	0	2	2	10	8	19	43	0
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	I11	4	0	0	0	0	0	0	0	0	1	3	0
Hypertensive heart and renal disease	I13	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart diseases	I20-I25	46	0	0	0	0	2	1	7	5	12	19	0
Acute myocardial infarction	I21-I22	14	0	0	0	0	0	1	2	2	2	7	0
Other acute ischemic heart diseases	I24	1	0	0	0	0	0	0	0	0	1	0	0
Other forms of chronic ischemic heart disease	I20, I25	31	0	0	0	0	2	0	5	3	9	12	0
Atherosclerotic cardiovascular disease, so described	I25.0	1	0	0	0	0	0	0	0	0	1	0	0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	30	0	0	0	0	2	0	5	3	8	12	0
Other heart diseases	I26-I51	36	1	0	1	0	0	1	3	3	6	21	0
Acute and subacute endocarditis	I33	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of the pericardium and acute myocarditis	I30-I31, I40	2	0	0	1	0	0	1	0	0	0	0	0
Heart failure	I50	14	0	0	0	0	0	0	0	0	2	12	0
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	20	1	0	0	0	0	0	3	3	4	9	0

Table A48 continued. Deaths to decedents of Hispanic origin by selected causes and age, residents: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	All ages	Age: Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Un-known
Essential (primary) hypertension and hypertensive renal disease	I10, I12	1	0	0	0	0	0	0	0	0	1	0	0
Cerebrovascular diseases	I60-I69	27	0	0	0	0	1	0	1	3	4	18	0
Atherosclerosis	I70	0	0	0	0	0	0	0	0	0	0	0	0
Other diseases of the circulatory system	I71-I78	6	0	0	0	0	0	0	2	1	0	3	0
Aortic aneurysm and dissection	I71	3	0	0	0	0	0	0	1	1	0	1	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	3	0	0	0	0	0	0	1	0	0	2	0
Other disorders of circulatory system	**I80-I99**	**2**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**0**
Influenza and pneumonia	**J10-J18**	**20**	**0**	**0**	**0**	**0**	**1**	**2**	**2**	**0**	**3**	**12**	**0**
Influenza	J10-J11	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonia	J12-J18	20	0	0	0	0	1	2	2	0	3	12	0
Other acute lower respiratory infections	**J20-J22**	**0**	**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	0
Unspecified acute lower respiratory infection	J22	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	**J40-J47**	**19**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**4**	**3**	**11**	**0**
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	J43	2	0	0	0	0	0	0	0	0	1	1	0
Asthma	J45-J46	0	0	0	0	0	0	0	0	0	0	0	0
Other chronic lower respiratory diseases	J44, J47	17	0	0	0	0	0	0	1	4	2	10	0
Pneumoconioses and chemical effects	**J60-J66, J68**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pneumonitis due to solids and liquids	**J69**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**
Other diseases of respiratory system	**J00-J06,J30-J39, J67, J70-J98**	**10**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**3**	**0**	**6**	**0**
Peptic ulcer	**K25-K28**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Diseases of appendix	**K35-K38**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Hernia	**K40-K46**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Chronic liver disease and cirrhosis	**K70, K73-K74**	**19**	**0**	**0**	**0**	**0**	**1**	**3**	**5**	**5**	**3**	**2**	**0**
Alcoholic liver disease	K70	10	0	0	0	0	1	2	4	2	0	1	0
Other chronic liver disease and cirrhosis	K73-K74	9	0	0	0	0	0	1	1	3	3	1	0
Cholelithiasis and other disorders of gallbladder	**K80-K82**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Nephritis, nephrotic syndrome and nephrosis	**N00-N07,N17-N19, N25-N27**	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**1**	**8**	**4**	**0**
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	2	0	0	0	0	0	0	1	0	1	0	0
Renal failure	N17-N19	14	0	0	0	0	0	0	2	1	7	4	0
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**	**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**

Table A48 continued. Deaths to decedents of Hispanic origin by selected causes and age, residents: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	All ages	Age: Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Un-known
Pregnancy, childbirth and puerperium	**O00-O99**	**0**	**0**	**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	0	0
Certain conditions originating in the perinatal period	**P00-P96**	**24**	**24**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Congenital malformations, deformations and chromosomal abnormalities	**Q00-Q99**	**20**	**17**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	**R00-R99**	**33**	**5**	**1**	**0**	**1**	**0**	**1**	**0**	**1**	**5**	**19**	**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**	**74**	**2**	**2**	**1**	**3**	**2**	**6**	**13**	**11**	**9**	**25**	**0**
Unintentional injuries	**V01-X59, Y85-Y86**	**75**	**0**	**3**	**7**	**14**	**17**	**13**	**10**	**1**	**6**	**4**	**0**
Transport accidents	**V01-V99, Y85**	**46**	**0**	**2**	**7**	**11**	**7**	**9**	**4**	**1**	**4**	**1**	**0**
Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0 - V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2	44	0	2	6	11	7	8	4	1	4	1	0
Other land transport accidents	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9	1	0	0	1	0	0	0	0	0	0	0	0
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	1	0	0	0	0	0	1	0	0	0	0	0
Nontransport accidents	**W00-X59, Y86**	**29**	**0**	**1**	**0**	**3**	**10**	**4**	**6**	**0**	**2**	**3**	**0**
Falls	W00-W19	4	0	0	0	0	1	0	1	0	1	1	0
Accidental discharge of firearms	W32-W34	0	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	W65-W74	3	0	1	0	2	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	0	0
Accidental poisoning and exposure to noxious substances	X40-X49	19	0	0	0	1	9	3	5	0	1	0	0
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	3	0	0	0	0	0	1	0	0	0	2	0

Table A48 continued. Deaths to decedents of Hispanic origin by selected causes and age, residents: Utah, 2008

Cause of death (10th rev.)	ICD-10 Codes	All ages	Age: Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	Un-known
Intentional self-harm (suicide)	***U03, X60-X84, Y87.0**	**30**	**0**	**0**	**1**	**11**	**8**	**6**	**3**	**0**	**1**	**0**	**0**
Intentional self-harm (suicide) by discharge of firearms	X72-X74	13	0	0	1	7	1	2	1	0	1	0	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae	*U03, X60-X71, X75-X84, Y87.0	17	0	0	0	4	7	4	2	0	0	0	0
Assault (homicide)	***U01-*U02, X85-Y09, Y87.1**	**12**	**1**	**2**	**1**	**2**	**2**	**2**	**1**	**1**	**0**	**0**	**0**
Assault (homicide) by discharge of firearms	*U01.4, X93-X95	6	0	1	1	1	1	2	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	6	1	1	0	1	1	0	1	1	0	0	0
Legal intervention	**Y35, Y89.0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Events of undetermined intent	**Y10-Y34, Y87.2, Y89.9**	**11**	**1**	**0**	**0**	**0**	**3**	**3**	**3**	**1**	**0**	**0**	**0**
Discharge of firearms, undetermined intent	Y22-Y24	0	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	11	1	0	0	0	3	3	3	1	0	0	0
Operations of war and their sequelae	**Y36, Y89.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Complications of medical and surgical care	**Y40-Y84, Y88**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**

2008 Appendix A: Technical Notes

Births and Deaths

APPENDIX A: TECHNICAL NOTES

Vital Statistics Registration in Utah

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

Section 26-2-3

(1) The department shall:

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

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

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

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

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

(2) The department may:

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

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

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

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

Source of Data

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

Forms for Certificates

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

Quality and Limitations of Data

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

Local Health Districts, Registrars and Deputy Registrars

Bear River District
655 East 1300 North
Logan, Utah 84341

Registrar: Lloyd C. Berentzen
Deputy Registrar: Nancy Harris

Central Utah District
70 Westview Drive
Richfield, Utah 84701

Registrar: Bruce Costa
Deputy Registrar: Dixie Sorensen

Davis County
50 East State Street
Farmington, Utah 84025-0618

Registrar: Lewis R. Garrett
Deputy Registrar: Karla Smith

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

Registrar: Gary L. Edwards
Deputy Registrar: Ellen Freeman

Southeast Utah District
28 South 100 East
Price, Utah 84501

Registrar: David Cunningham
Deputy Registrar: Jeanne Thompson

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

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

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

Registrar: Steve Jenkins
Deputy Registrar: Sally Piercy

Tooele County
151 North Main
Tooele, Utah 84074

Registrar: Myron Bateman
Deputy Registrar: Nikki Scow

TriCounty
133 East 500 South
Vernal, Utah 84078

Registrar: Joseph B. Shaffer
Deputy Registrar: Crystal Slaugh

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

Registrar: Joseph K. Miner
Deputy Registrar: Andrea Shoell

Wasatch County
55 South 500 East
Heber City, Utah 84032

Registrar: Phil D. Wright
Deputy Registrar: Janet Norton

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

Registrar: Gary House
Deputy Registrar: Kimberly Caliari

Figure A-2

MAP OF UTAH WITH COUNTY BORDERS

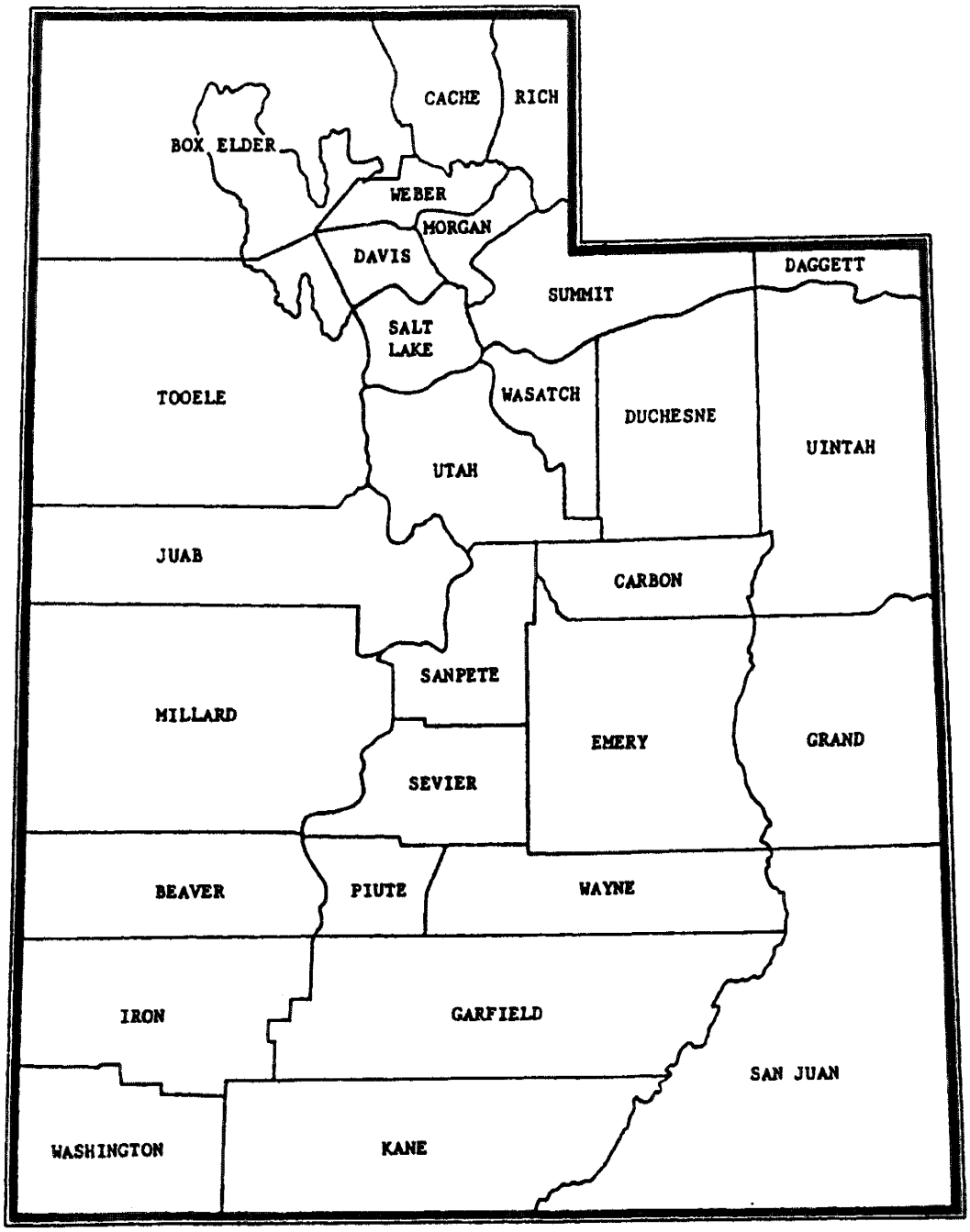

Figure A-3

STATE OF UTAH - DEPARTMENT OF HEALTH

CERTIFICATE OF LIVE BIRTH

LOCAL FILE NUMBER

STATE BIRTH NUMBER

CHILD

Access to the information on this form is limited by the Utah Vital Statistics Act and Rule

1. CHILD'S NAME — FIRST — MIDDLE — LAST

2. SEX

3a. DATE OF BIRTH (Month, Day, Year)

3b. TIME OF BIRTH (24 Hour Clock)

4a. PLACE OF BIRTH: ☐ Hospital ☐ Freestanding Birthing Center ☐ Clinic/Doctor's Office ☐ Residence Planned ☐ Residence Unplanned ☐ Other

4b. PLACE OF BIRTH - HOSPITAL NAME (if not in hospital, give street and number)

4c. CITY, TOWN, OR LOCATION OF BIRTH

4d. COUNTY OF BIRTH

HOSPITAL CERTIFIER

5a. I CERTIFY THAT THIS CHILD WAS BORN ALIVE AT THE PLACE AND TIME AND ON THE DATE STATED ABOVE.

Signature

5b. DATE SIGNED (Month, Day, Year)

5c. CERTIFIER'S NAME & TITLE

☐ Hospital Administrator ☐ Designated Representative ☐ Other

MEDICAL ATTENDANT

6a. I CERTIFY THAT THIS CHILD WAS BORN ALIVE AT THE PLACE AND TIME AND ON THE DATE STATED ABOVE.

Signature

6b. DATE SIGNED (Month, Day, Year)

6c. ATTENDANT'S NAME AND TITLE (MD, DO, CERTIFIED NURSE MIDWIFE, OTHER MIDWIFE, OTHER)

6d. MAILING ADDRESS OF ATTENDANT (street, or RFD No., City or Town, State, Zip)

MOTHER

7a. MOTHER'S NAME — FIRST — MIDDLE — LAST

7b. MAIDEN LAST NAME

8. DATE OF BIRTH (Month, Day, Year)

9. STATE OF BIRTH (if not in USA, name country)

10a. RESIDENCE - STREET AND NUMBER OF RESIDENCE

10b. CITY, TOWN, OR LOCATION

10c. INSIDE CITY LIMITS? ☐ YES ☐ NO

10d. COUNTY

10e. STATE

11a. MOTHER'S MAILING ADDRESS (if same as above, enter zip code only)

11b. CITY OR TOWN

11c. STATE

11d. ZIP CODE

FATHER

12. FATHER'S NAME — FIRST — MIDDLE — LAST

13. DATE OF BIRTH (Month, Day, Year)

14. STATE OF BIRTH (if not USA, name country)

SIGNATURE

15a. I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. (Signature of Parent or other informant)

15b. PARENTS REQUEST SOCIAL SECURITY ISSUANCE ☐ YES ☐ NO

15c. IMMUNIZATION REGISTRY: I wish to enroll my child in the Immunization Registry ☐ YES ☐ NO

REGISTRAR

16a. REGISTRAR'S SIGNATURE

16b. DATE RECEIVED

UDH/BVR2A, Rev. 10/97

Figure A-4

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY (UCA 26-2 AND 26-25)

COMPLETION INSTRUCTIONS

It is the responsibility of the attendant to complete all of the following items.

17a. MOTHER'S NAME (First, Middle, Last)

17b. SOCIAL SECURITY NUMBER

18a. FATHER'S NAME (First, Middle, Last)

18b. SOCIAL SECURITY NUMBER

19. Has a relative of the baby had a hearing loss that existed since childhood? (Permanent, Hereditary loss)
1 ☐ YES 2 ☐ NO

20. MOTHER OF HISPANIC ORIGIN?
YES 1 ☐ NO 2 ☐
If yes, indicate
1 ☐ Mexican 3 ☐ Puerto Rican
2 ☐ Cuban 4 ☐ Other Hispanic (Specify)

26. FATHER OF HISPANIC ORIGIN?
YES 1 ☐ NO 2 ☐
If yes, indicate
1 ☐ Mexican 3 ☐ Puerto Rican
2 ☐ Cuban 4 ☐ Other Hispanic (Specify)

21. MOTHER'S RACE - American Indian (Tribe may be entered), Black, White, Japanese, etc. (Specify below)

27. FATHER'S RACE - American Indian (Tribe may be entered), Black, White, Japanese, etc. (Specify below)

22a. MOTHER'S OCCUPATION WORKED LAST YEAR

28a. FATHER'S OCCUPATION WORKED LAST YEAR

22b. KIND OF INDUSTRY OF BUSINESS

28b. KIND OF INDUSTRY OF BUSINESS

22c. EDUCATION (specify only highest grade completed) Elementary or secondary (0 through 12), College (13 through 16 or 17+)

28c. EDUCATION (specify only highest grade completed) Elementary or secondary (0 through 12), College (13 through 16 or 17+)

23. MOTHER MARRIED? (At birth, conception, or any time between)
1 ☐ YES 2 ☐ NO

24. MOTHER'S HEIGHT AND WEIGHT
Mother's height:
_____feet _____inches
Weight Before Pregnancy:
_____lbs.
Weight gained or lost during pregnancy
_____lbs.

25. OTHER RISK FACTORS FOR THIS PREGNANCY
Tobacco Use during Pregnancy
Average number of Cigarettes per day
1st TRI_____
2nd TRI_____
3rd TRI_____
Alcohol Use during Pregnancy
Average number of drinks per week
1st TRI_____
2nd TRI_____
3rd TRI_____

29. MEDICAL RISK FACTORS FOR THIS PREGNANCY (check all that apply)
☐ 01 Anemia (Hct.<30/Hgb. <10)
☐ 02 Cardiac Arrest
☐ 03 Acute or chronic lung disease
☐ 21 Pre-Existing diabetes (Type I or II)
☐ 22 Gestational Diabetes
☐ 05 Genital herpes
☐ 06Hemoglobinopathy
☐ 07 Polyhydramnios/Oligohydramnios
☐ 08 Hypertension, chronic
☐ 09 Hypertension, pregnancy associated
☐ 10 Eclampsia
☐ 11 Incompetent cervix
☐ 12 Previous infant 4000+ grams
☐ 13 Previous preterm infant
☐ 14 Previous S-F-G-A infant
☐ 15 Renal disease
☐ 16 Rh sensitization
☐ 17 Rubella
☐ 18 Uterine bleeding
☐ 0 None
☐ 19 Other (specify)_____
☐ 20 Unknown

30. DATE OF LAST NORMAL MENSES (Month, Day, Year)

31. MONTH OF PREGNANCY PRENATAL CARE BEGAN 1ST, 2ND, 3RD, ETC.

32. NO. OF PRE-NATAL VISITS

33. MOTHER TRANSFERRED PRIOR TO DELIVERY?
If Yes, enter name and State of facility transferred from:

34. PREGNANCY HISTORY (Complete each section)

LIVE BIRTHS (Do not include this child)		OTHER TERMINATIONS (Spontaneous and induced at any time after conception)
34a. Now Living	34b. Now Dead	34d.
Number_____	Number_____	Number_____
☐ None	☐ None	☐ None
34c. DATE OF LAST LIVE BIRTH (Month, Day, Year)		34e. DATE OF LAST OTHER TERMINATION (Month, Year)

35 ANTEPARTUM PROCEDURES DURING THIS PREGNANCY (Check all that apply)
☐ 1 Amniocentesis
☐ 2 Electronic fetal monitoring
☐ 3 Induction of labor
☐ 4 Stimulation of labor
☐ 5 Tocolysis
☐ 8 Ultrasound
☐ 0 None
☐ 7 Other (specify)

36. METHOD OF DELIVERY (Check all that apply)
☐ 1 Vaginal
☐ 2 Vaginal birth after previous C-section
☐ 3 Primary C-section
☐ 4 Repeat C-section
☐ 5 Forceps
☐ 6 Vacuum

37. COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply)
☐ 1 Febrile (>100 F. or 38 C.)
☐ 2 Meconium, moderate/heavy
☐ 3 Premature rupture of membrane
☐ 4 Abruptio placenta
☐ 5 Placenta previa
☐ 6 Other excessive bleeding
☐ 7 Seizures during labor
☐ 8 Precipitous labor (<3 hours)
☐ 9 Prolonged labor (>20 hours)
☐ 10 Dysfunctional labor
☐ 11 Breech/Malpresentation
☐ 12 Cephalopelvic disproportion
☐ 13 Cord prolapse
☐ 14 Anesthetic complications
☐ 15 Fetal distress
☐ 0 None
☐ 16 Other (specify)_____
☐ 17 Unknown

38. BIRTH WEIGHT (grams)

39. THIS BIRTH SINGLE, TWIN, TRIPLET, ETC.

40. IF NOT SINGLE, BIRTH BORN 1ST, 2ND, 3RD

41. CLINICAL ESTIMATE OF GESTATION
_____number of weeks

42. APGAR SCORE
1 minute | 5 minutes

43. INFANT TRANSFERRED?
1 ☐ YES 2 ☐ NO
If Yes, enter name of facility transferred to:

44. ABNORMAL CONDITIONS OF THE NEWBORN (Check all that apply)
☐ 1. Anemia (Hct <33/Hgb<13)
☐ 2. Birth injury
☐ 3. Fetal alcohol syndrome
☐ 4. Neonatal meningitis
☐ 5. Congenital infection
☐ 6. Hyaline membrane disease/RDS
☐ 7. Meconium aspiration syndrome
☐ 8. Assisted Ventilation <30 min.
☐ 9. Assisted ventilation > 30 min.
☐ 10. Seizures
☐ 11. Neonatal substance abuse
☐ 00. None
☐ 12. Other (specify)_____
☐ 13. Unknown

51. CONGENITAL ANOMALIES OF CHILD (Check all that apply)
☐ 1 Anencephalus
☐ 2 Spina Bifida/Meningocele
☐ 3 Hydrocephalus
☐ 4 Microcephalus
☐ 5 Other central nervous system (specify)_____
☐ 6 Heart malformations (specify) _____
☐ 7 Other circulatory anomalies (specify) _____
☐ 8 Respiratory anomalies (specify)_____
☐ 9 Rectal atresia
☐ 10 Tracheo-esophageal fistula/esophageal atresia
☐ 11 Omphalocele/Gastroschisis
☐ 12 Other gastrointestinal (specify)_____
☐ 13 Malformed genitalia
☐ 14 Renal agenesis
☐ 15 Other urogenital anomalies (specify)_____
☐ 16 Cleft lip/palate
☐ 17 Polydactyly/Syndactyly/Adactyly
☐ 18 Club foot
☐ 19 Diaphragmatic hernia
☐ 20 Other musculoskeletal/integumental anomalies (specify)_____
☐ 21 Down's syndrome
☐ 22 Other chromosomal anomalies (specify)_____
☐ 23 Multiple anomalies
☐ 0 None
☐ 24 Other (specify)
_____
☐ 25 Unknown

46. IS INFANT DECEASED?
1 ☐ YES 2 ☐ NO

47. HEPATITIS B VACCINATION GIVEN?
1 ☐ YES 2 ☐ NO
IF YES, DATE GIVEN (Month, Day, Year)

Figure A-5

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

STATE OF UTAH - DEPARTMENT OF HEALTH

CERTIFICATE OF DEATH

LOCAL FILE NUMBER

STATE FILE NUMBER

DECEDENT

1. DECEDENT'S LEGAL NAME (Include AKA's, if any) *(First, Middle, Last)*
2. SEX
3a. DATE OF DEATH *(Mo., Day, Yr.)*
3b. TIME OF DEATH *(24 hr. Clock)*
4. DATE OF BIRTH *(Mo., Day, Yr.)*
5. AGE-Last Birthday (Years)
IF UNDER 1 YEAR: Months, Days
IF UNDER 24 HRS.: Hours, Minutes
6. BIRTHPLACE *(City & State or Foreign Country)*
7. SOCIAL SECURITY NUMBER

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

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

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

8b. NAME OF HOSPITAL, NURSING HOME OR OTHER FACILITY *(If outside a facility, give street address of location)*
8c. COUNTY OF DEATH
8d. CITY, TOWN OR LOCATION OF DEATH

9. WAS DECEDENT EVER IN THE U.S. ARMED FORCES? ☐ 1. Yes ☐ 2. No ☐ 3. Unk.
10. MARITAL STATUS ☐ 1. Never Married ☐ 2. Married ☐ 3. Widowed ☐ 4. Divorced ☐ 5. Married, but separated ☐ 5. Unknown
11. SURVIVING SPOUSE'S NAME *(If wife, give name prior to first marriage)*

12a. DECEDENT'S USUAL OCCUPATION *(Give kind of work done during most of working life. Do NOT enter retired.)*
12b. KIND OF BUSINESS OR INDUSTRY
13a. RESIDENCE - STREET AND NUMBER

13b. STATE
13c. COUNTY
13d. CITY, TOWN, COMMUNITY, OR RURAL
13e. ZIP CODE
13f. INSIDE CITY LIMITS? ☐ 1. Yes ☐ 2. No

PARENTS

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

INFORMANT

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

DISPOSITION

17. METHOD OF DISPOSITION ☐ 1. Entombment ☐ 2. Donation ☐ 3. Other ☐ 4. Burial ☐ 5. Cremation ☐ 3. Removal
18a. DATE OF DISPOSITION
18b. PLACE OF DISPOSITION *(name of cemetery, crematory, or other place)*
18c. LOCATION OF DISPOSITION - *City or Town, State*
19. LICENSEE NUMBER
20. FUNERAL HOME *(Name and complete address)*
21. SIGNATURE OF FUNERAL SERVICE LICENSEE

CERTIFIER

22. CERTIFIER *(Check only one)*

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

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

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

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 *(Type/Print)*
23b. DATE DECEASED WAS LAST ATTENDED BY PHYSICIAN

CAUSE OF DEATH

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

Approximate Interval Between Onset and Death

IMMEDIATE CAUSE (Final disease or condition resulting in death)
a. _____
DUE TO (OR AS A CONSEQUENCE OF):
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
DUE TO (OR AS A CONSEQUENCE OF):
c. _____
DUE TO (OR AS A CONSEQUENCE OF):
d. _____

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

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

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

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

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

29a. DATE OF INJURY *(Mo., Day, Yr.)*
29b. TIME OF INJURY *(24 hr. Clock)*
29c. INJURY AT WORK? ☐ 1. Yes ☐ 2. No
29d. PLACE OF INJURY - *At home, farm, street, factory, office, building, etc. (Specify)*
29e. If motor vehicle accident: ☐ 1. Driver ☐ 2. Passenger ☐ 3. Pedestrian ☐ 4. Other ☐ 5. Unknown
29f. LOCATION *(Street or rural route number, city or town, county and state)*
29g. DESCRIBE HOW INJURY OCCURRED *(enter sequence of events which resulted in injury. NATURE OF INJURY should be entered in item 24)*

RACE AND EDUCATION

30. WAS DECEDENT OF HISPANIC ORIGIN? *(Check the "No" box if decedent is not Spanish/Hispanic/Latino.)* ☐ 1. Yes ☐ 2. No ☐ 3. Unknown

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

☐ 1. Yes, Mexican, Mexican American, Chicano
☐ 2. Yes, Cuban
☐ 3. Yes, Puerto Rican
☐ 4. Yes, other Spanish/Hispanic/Latino *(Specify)* _____

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

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

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

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

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REGISTRAR

33. REGISTRAR'S SIGNATURE
34. DATE FILED *(Mo., Day, Yr.)*

Sample

Figure A-6a

STATE OF UTAH - DEPARTMENT OF HEALTH

FETAL DEATH CERTIFICATE

LOCAL FILE NUMBER — STATE FILE NUMBER

MOTHER

1. NAME OF FETUS FIRST MIDDLE LAST
2. SEX
3a. DATE OF DELIVERY (Mo., Day, Yr.)
3b. TIME OF DELIVERY (24 hr. Clock)
4. PLACE OF DELIVERY - HOSPITAL NAME (If not in hospital, give street & address)
5. CITY, TOWN OR LOCATION OF DELIVERY
6a. COUNTY OF DELIVERY
6b. ZIP CODE OF DELIVERY
7. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last)
8. MOTHER'S DATE OF BIRTH (Month, Day, Year)
9. MOTHER'S BIRTHPLACE (State, or Foreign Country)
10. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, middle, Last, Suffix)
11. RESIDENCE - STATE
12. COUNTY
13. CITY, COUNTY OR LOCATION
14. STREET AND NUMBER
15. ZIP CODE
16. INSIDE CITY LIMITS? [ ] 1. Yes [ ] 2. No

FATHER

17. FATHER'S NAME (First, Middle, Last)
18. FATHER'S DATE OF BIRTH (Month, Day, Year)
19. FATHER'S BIRTHPLACE (State, or Foreign Country)

CONFIDENTIAL INFORMATION

20. MOTHER LEGALLY MARRIED TO THIS CHILD'S BIOLOGICAL FATHER? (At birth, conception or any time between?) [ ] 1. Yes [ ] 2. No
21. ARE PATERNITY PAPERS ATTACHED? [ ] 1. Yes [ ] 2. No
Paternity papers must be attached if parents are not legally married.
22. DID MOTHER GET WIC FOOD FOR HERSELF DURING THIS PREGNANCY? [ ] 1. Yes [ ] 2. No
23. MOTHER OF HISPANIC ORIGIN? Check the box that best describes whether the mother is Spanish/Hispanic/Latina. Check the "No" box if mother is not Spanish/Hispanic/Latina.
[ ] 1. No, not Spanish/Hispanic/Latino
[ ] 2. Yes, Mexican, Mexican American, Chicano
[ ] 3. Yes, Puerto Rican
[ ] 4. Yes, Cuban
[ ] 5. Yes, other Spanish/Hispanic/Latino (Specify)
24. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be)
[ ] 1. White
[ ] 2. Black or African American
[ ] 3. American Indian or Alaska Native (Name of the enrolled or principal tribe)
[ ] 4. Asian Indian
[ ] 5. Chinese
[ ] 6. Filipino
[ ] 7. Japanese
[ ] 8. Korean
[ ] 9. Vietnamese
[ ] 10. Other Asian (Specify)
[ ] 11. Native Hawaiian
[ ] 12. Guamanian or Chamorro
[ ] 13. Samoan
[ ] 14. Other Pacific Islander (Specify)
[ ] 15. Other (Specify)
25. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery.)
[ ] 1. 8th grade or less
[ ] 2. 9th - 12th grade; no diploma
[ ] 3. High School graduate or GED completed
[ ] 4. Some college credit, but no degree
[ ] 5. Associate degree (e.g., AA, AS)
[ ] 6. Bachelor's degree (e.g., BA, AB, BS)
[ ] 7. Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)
[ ] 8. Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)
26. MOTHER'S HEIGHT AND WEIGHT
Mother's Height: ____ feet ____ inches
Weight before pregnancy: ____ lbs.
Weight at delivery: ____ lbs.
27. CIGARETTE SMOKING BEFORE AND DURING PREGNANCY — Tobacco use [ ] 1. Yes [ ] 2. No
If Yes, For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked. If NONE, ENTER 0.
Average number of cigarettes or packs of cigarettes smoked per day.

	# of cigarettes		# of pks
1. Three Months before pregnancy	____	OR	____
2. First three months of pregnancy	____	OR	____
3. second three months of pregnancy	____	OR	____
4. last three months of pregnancy	____	OR	____

28. MOTHER TRANSFERRED PRIOR TO DELIVERY: [ ] 1. Yes [ ] 2. No
If Yes, enter State and name of facility transferred from:
29. [illegible] PRENATAL [illegible] (Mo., Day, Yr.)
30. DATE OF FIRST PRENATAL CARE VISIT
30a. No Prenatal Care [ ]
30b. (Mo., Day, Yr.)
31. DATE OF LAST PRENATAL CARE (Mo., Day, Yr.)
32. TOTAL NUMBER OF PRENATAL VISITS FOR THIS PREGNANCY (If none, enter "0")

MEDICAL AND HEALTH INFORMATION

33. PREGNANCY HISTORY
[ ] No previous Live Births
Other live births now living ____ (do not include this child)
Other live births now dead ____ (do not include this child)
Date of last live birth ____/____ (mm/yyyy)
Number of Other Pregnancy Outcomes (Spontaneous or Induced losses or ectopic pregnancies)
Number of Other Outcomes ____ [ ] None
Date of Last Other Pregnancy Outcome ____/____ (mm/yyyy)
34. [illegible] RISK FACTORS (Check all that apply)
Diabetes
[ ] 01. P[illegible] (diag[illegible] this pregnancy)
[ ] 02. [illegible]ational ([illegible] in [illegible]nancy)
[ ] 03. Prepre[illegible]y (chronic)
[ ] 04. [illegible]stational (PIH, preeclampsia, eclampsia)
[ ] 05. Previous Preterm Birth (36 weeks or less)
[ ] 06. Other previous poor pregnancy outcome (includes perinatal deaths, small-for-gestational-age/intrauterine growth restricted birth)
[ ] 07. Vaginal bleeding during this pregnancy prior to the onset of labor
[ ] 08. Pregnancy resulted from infertility treatment
[ ] 09. Mother had a previous Cesarean delivery If yes, how many? ____
[ ] 10. None of the above
35. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY (Check all [illegible] apply)
[ ] 01. Gonorrhea
[ ] 02. Syphilis
[ ] 03. Herpes Simplex Virus (HSV)
[ ] 04. Chlamydia
[ ] 05. Listeria
[ ] 06. Group B Streptococcus (GBS+)
[ ] 07. Cytomegalovirus
[ ] 08. Parvo Virus
[ ] 09. Toxoplasmosis
[ ] 10. None of the above
[ ] 11. Other (specify) ____
36. METHOD OF DELIVERY
A. W[illegible] forceps attempted but unsuccessful? [ ] 1. Yes [ ] 2. No
B. [illegible] delivery with vacuum extraction attempted but unsuccessful? [ ] 1. Yes [ ] 2. No
C. [illegible] presentation at delivery
[ ] 1. Cephalic
[ ] 2. Breech
[ ] 3. Other
D. Final route and method of delivery (Check one)
[ ] 1. Vaginal/Spontaneous
[ ] 2. Vaginal/Forceps
[ ] 3. Vaginal/Vacuum
[ ] 4. Caesarean.
If caesarean, was a trial of labor attempted? [ ] 1. Yes [ ] 2. No
E. Hysterotomy/Hysterectomy [ ] 1. Yes [ ] 2. No
Maternal Morbidity (Check all that apply) (Complications associated with labor and delivery)
[ ] 1. Maternal transfusion
[ ] 2. Third or fourth degree perineal laceration
[ ] 3. Ruptured uterus
[ ] 4. Unplanned hysterectomy
[ ] 5. Admission to intensive care unit
[ ] 6. Unplanned operating room procedure following delivery
[ ] 7. None of the above
38a. Birth: [ ] Single (1) [ ] Twin (2) [ ] etc. ____ (Specify)
38b. If not single, birth order: ____
39. Weight of Fetus: ____ grams AND ____ lbs. ____ oz.
40. Obstetric estimate of gestation at delivery: (Completed weeks) ____
41. CONGENITAL ANOMALIES OF FETUS (Check all that apply)
[ ] 01. Anencephaly
[ ] 02. Meningocele / Spina Bifida
[ ] 03. Hydrocephalus
[ ] 04. Microcephalus
[ ] 05. Other central nervous system anomalies (Specify) ____
[ ] 06. Cyanotic congenital heart disease (Specify) ____
[ ] 07. Trachea-esophageal fistula / esophageal atresia
[ ] 08. Omphalocele
[ ] 09. Gastroschisis
[ ] 10. Other gastrointestinal (Specify) ____
[ ] 11. Urinary system anomalies (Specify) ____
[ ] 12. Cleft lip with cleft palate
[ ] 13. Cleft palate alone
[ ] 14. Limb Reduction Defects (excludes amputation and dwarfing syndromes)
[ ] 15. Other Limb Anomalies (Specify) ____
[ ] 16. Diaphragmatic hernia
[ ] 17. Other musculoskeletal anomalies (Specify) ____
[ ] 18. Down's Syndrome
[ ] 1. Karyotype confirmed
[ ] 2. Karyotype pending
[ ] 19. Chromosomal anomalies
[ ] 1. Karyotype confirmed (Specify) ____
[ ] 2. Karyotype pending
[ ] 20. Hypospadias
[ ] 21. Other Anomalies not listed in the above (Specify) ____
[ ] 22. Unknown
[ ] 00. None of the above

Sample

Figure A-6b

42. ATTENDANT'S NAME, TITLE AND LICENSE NUMBER

43. NAME AND TITLE OF PERSON COMPLETING REPORT

METHOD OF DISPOSITION
☐ Burial ☐ Cremation ☐ Hospital Cremation ☐ Donation ☐ Removed from State (permit required for removal of remains)
☐ Other (Specify) _____

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

PERSON RESPONSIBLE FOR DISPOSITION

47. PLACE OF DISPOSITION (Name of Hospital, Cemetery)

46. DATE OF DISPOSITION (Mo., Day, Year)

CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH
INITIATING (UNDERLYING) CAUSE/CONDITION
(AMONG THE CHOICES BELOW, PLEASE SELECT THE ONE WHICH MOST LIKELY BEGAN THE SEQUENCE OF EVENTS RESULTING IN THE DEATH OF THE FETUS)

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

OTHER SIGNIFICANT CAUSES OR CONDITIONS
(SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH)

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

ESTIMATED TIME OF FETAL DEATH
☐ INTRAPARTUM ☐ ANTEPARTUM ☐ UNKNOWN

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

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

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

Fetal karyotyping planned? ☐ Yes ☐ No
Result (specify) _____

Fetal karyotyping planned? ☐ Yes ☐ No ☐ Planned
Result (specify) _____

REGISTRAR'S SIGNATURE

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

CAUSES OR CONDITIONS CONTRIBUTING TO DEATH

Sample

UDOH-OVRS Form 10
Rev. 01/04

Registration of Births and Fetal Deaths

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

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

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

Limitation of Small Numbers

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

Cause of Death

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

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

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

The Eighth Revision of the International Classification of Diseases was used to code the underlying cause of death on Utah's death certificates for data years 1968 through 1978. The Ninth Revision of the International Classification of Diseases was used to code the underlying cause of death in Utah for data years 1979-1998, and the current Tenth Revision was used to code the1999-2007 data in this report.

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

Geographic Bases

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

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

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

Race/Ethnic Origin

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

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

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[1] Utah State Legislature; Utah Code and Constitution/Title 26 -- Utah Health Code Sections 26-2-1 through 26-2-28 (Utah Code Annotated, 1953); Laws/Constitution web site www.le.state.ut.us.

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

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

2008 Appendix B: Life Tables

Births and Deaths

Abridged life table for total population, residents: Utah, 2008

Age Interval	Mortality rate	Proportion dying	Of 100,000 born alive		Number of person-years lived		Average remaining years
Period of life between two ages	Age-specific mortality rate per 100,000 population	Proportion of persons alive at beginning of interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent intervals	Number of years of life remaining at beginning of interval
0	488.36	0.0049	100,000	463	99,664	7,840,066	78.40
1-4	26.79	0.0003	99,537	104	397,871	7,740,402	77.76
5-9	15.71	0.0002	99,432	78	496,943	7,342,530	73.84
10-14	17.62	0.0002	99,354	87	496,584	6,845,587	68.90
15-19	47.68	0.0005	99,266	236	495,796	6,349,003	63.96
20-24	70.90	0.0007	99,030	350	494,315	5,853,207	59.11
25-29	88.00	0.0009	98,680	433	492,340	5,358,892	54.31
30-34	96.42	0.0010	98,246	473	490,088	4,866,552	49.53
35-39	125.93	0.0013	97,774	614	487,400	4,376,464	44.76
40-44	163.28	0.0016	97,160	790	483,970	3,889,064	40.03
45-49	274.73	0.0027	96,370	1,315	478,785	3,405,095	35.33
50-54	397.89	0.0040	95,054	1,874	470,790	2,926,310	30.79
55-59	498.37	0.0050	93,180	2,295	460,528	2,455,519	26.35
60-64	812.84	0.0081	90,885	3,625	445,930	1,994,992	21.95
65-69	1184.84	0.0118	87,259	5,031	424,546	1,549,061	17.75
70-74	1930.40	0.0193	82,229	7,594	393,508	1,124,515	13.68
75-79	3326.49	0.0333	74,635	11,506	346,281	731,007	9.79
80-84	6020.20	0.0602	63,129	16,578	99,572	384,725	6.09
85+	16324.82	0.1632	46,551	46,551	285,154	285,154	6.13

Note:
Rates are per 100,000 population.
Life tables are calculated using 2008 resident mortality data.
Age-specific mid-year population estimates are from the GOPB.
Abridged Life Tables are calculated using the Reed-Merrill Method.

Abridged life table for male population, residents: Utah, 2008

Age Interval	Mortality rate	Proportion dying	Of 100,000 born alive		Number of person-years lived		Average remaining years
Period of life between two ages	Age-specific mortality rate per 100,000 population	Proportion of persons alive at beginning of interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent intervals	Number of years of life remaining at beginning of interval
0	569.12	0.0057	100,000	540	99,609	7,697,002	76.97
1-4	32.97	0.0003	99,460	128	397,502	7,597,393	76.39
5-9	14.16	0.0001	99,332	70	496,463	7,199,890	72.48
10-14	20.74	0.0002	99,262	103	496,111	6,703,427	67.53
15-19	72.23	0.0007	99,159	358	494,986	6,207,316	62.60
20-24	105.26	0.0011	98,801	519	492,756	5,712,330	57.82
25-29	119.12	0.0012	98,282	584	489,972	5,219,574	53.11
30-34	125.25	0.0013	97,699	610	487,003	4,729,602	48.41
35-39	155.16	0.0016	97,089	751	483,641	4,242,598	43.70
40-44	202.05	0.0020	96,338	969	479,444	3,758,957	39.02
45-49	336.10	0.0034	95,369	1,590	473,139	3,279,513	34.39
50-54	486.45	0.0049	93,779	2,256	463,507	2,806,375	29.93
55-59	619.30	0.0062	91,523	2,794	451,037	2,342,868	25.60
60-64	967.96	0.0097	88,729	4,200	433,759	1,891,831	21.32
65-69	1400.46	0.0140	84,529	5,732	409,207	1,458,072	17.25
70-74	2265.29	0.0227	78,797	8,474	374,042	1,048,864	13.31
75-79	3607.59	0.0361	70,323	11,683	324,110	674,823	9.60
80-84	6587.08	0.0659	58,640	16,638	107,338	350,713	5.98
85+	17258.35	0.1726	42,003	42,003	243,375	243,375	5.79

Note:
Rates are per 100,000 population.
Life tables are calculated using 2008 resident mortality data.
Age-specific mid-year population estimates are from the GOPB.
Abridged Life Tables are calculated using the Reed-Merrill Method.

Abridged life table for female population, residents: Utah, 2008

Age Interval	Mortality rate	Proportion dying	Of 100,000 born alive		Number of person-years lived		Average remaining years
Period of life between two ages	Age-specific mortality rate per 100,000 population	Proportion of persons alive at beginning of interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent intervals	Number of years of life remaining at beginning of interval
0	403.09	0.0040	100,000	383	99,723	7,986,112	79.86
1-4	20.28	0.0002	99,617	79	398,261	7,886,389	79.17
5-9	17.35	0.0002	99,538	86	497,450	7,488,128	75.23
10-14	14.31	0.0001	99,452	71	497,087	6,990,678	70.29
15-19	23.46	0.0002	99,381	116	496,635	6,493,591	65.34
20-24	36.91	0.0004	99,264	183	495,895	5,996,957	60.41
25-29	55.08	0.0006	99,081	273	494,754	5,501,062	55.52
30-34	66.18	0.0007	98,808	326	493,267	5,006,308	50.67
35-39	95.08	0.0010	98,482	467	491,299	4,513,041	45.83
40-44	122.60	0.0012	98,015	599	488,694	4,021,742	41.03
45-49	212.44	0.0021	97,416	1,030	484,688	3,533,048	36.27
50-54	309.12	0.0031	96,386	1,479	478,389	3,048,361	31.63
55-59	378.64	0.0038	94,907	1,781	470,406	2,569,972	27.08
60-64	662.65	0.0066	93,126	3,039	458,561	2,099,565	22.55
65-69	982.38	0.0098	90,087	4,326	440,388	1,641,004	18.22
70-74	1629.93	0.0163	85,760	6,733	413,437	1,200,616	14.00
75-79	3087.79	0.0309	79,027	11,370	368,775	787,179	9.96
80-84	5582.64	0.0558	67,657	16,638	95,334	418,404	6.18
85+	15791.99	0.1579	51,019	51,019	323,071	323,071	6.33

Note:
Rates are per 100,000 population.
Life tables are calculated using 2008 resident mortality data.
Age-specific mid-year population estimates are from the GOPB.
Abridged Life Tables are calculated using the Reed-Merrill Method.

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