

Utah's Vital Statistics
Births and Deaths

1999



Center for Health Data
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 1999. 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. Marriage and divorce statistics are provided as totals in the summary section of this report and another report of this office treats them more extensively.

The first section of this report contains current annual and historical tables which provide trends in births, deaths and populations for the state. Table 27 was added last year to show the trend in pregnancy rates. This is followed by a section of reference tables with more detailed information about births and deaths for the current data year. Then Appendix A which is the technical appendix provides information on the sources, quality and limitations of data. It also contains sample copies of the forms used for collecting the vital records data. Appendix B which contains life tables is added for the second time in this series. Users of vital records data who want to request tabulations not available in this report can contact the Office of Vital Records and Statistics by one of the methods shown on the title page¹.

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

Deaths which occurred anywhere in the United States in 1999 were, for the first time, 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.

¹There may be a fee or other documentation required to obtain the data requested.

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 tenth revision resulted in a much more detailed classification, about 8,000 categories compared with about 4,000 categories in 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 can be seen in Table A39a of this publication.

Discontinuities in Time Series

Each revision of the ICD has caused discontinuities in trend data. Many new categories for cause of death exist in ICD-10 and some categories from ICD-9 have been eliminated. More significantly, mortality rates due to certain causes changed sharply, simply as a result of revisions to the classification system. The effect of discontinuities in mortality trends should be dealt with in mortality analysis by the application of Comparability Ratios to adjust earlier cause-specific mortality rates to be consistent with cause specific mortality rates for 1999 and later years. Comparability Ratios were derived from the analysis of a large sample of death certificates that were double-coded by the National Center for Health Statistics (NCHS), first using ICD-9, then again using ICD-10. Comparability Ratios for the 113 causes of death which appear in Tables A39a and A40 of this publication will appear on the Office of Vital Records and Statistics web-site, <http://www.health.state.ut.us/bvr>, when they are made available to the states by NCHS.

This report is published by the staff of the Office of Vital Records and Statistics under the direction of Barry Nangle, Ph.D., Director. Jeff Duncan is primarily responsible for preparation of this report, and the manuscript was prepared for printing by Mylitta Barrett and Cynthia Robison.

Contents

<i>Page</i>	<i>Sections:</i>
<i>vi</i>	<i>List of Summary Tables</i>
<i>ix</i>	<i>List of Reference Tables</i>
<i>xiv</i>	<i>List of Appendices</i>
<i>S-1</i>	<i>Summary Tables</i>
<i>R-1</i>	<i>Reference Tables</i>
<i>A-1</i>	<i>Technical Notes</i>
<i>B-1</i>	<i>Life Tables</i>

List of Tables continued

Summary Tables

Page(s)

- S-3** **Table 1. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-1999**
- 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, 1950-1999**
- 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, 1999**
- S-9** **Table 4. Births by local health district and county of residence: Utah, 1980 and 1986-1999**
- S-10** **Table 5. Census of population and intercensal estimates by local health district and county of residence: Utah, April 1, 1980 and 1990 and July 1, 1980 and 1985 and 1987-1999**
- S-11** **Table 6. Population density by land area (frontier, rural and urban) and county of residence: Utah, 1999**
- S-12** **Table 7. Population, births and deaths by land area of residence: Utah, 1999**
- S-12** **Table 8. Infant mortality total, neonatal and postneonatal by land area of residence: Utah, 1999**
- S-12** **Table 9. Fetal deaths, low-weight births, births to unmarried mothers and abortions by land area of residence: Utah, 1999**
- S-13** **Table 10. Female population, births and fertility rates, resident females 15-44 years of age: Utah and the United States, 1970-1999**

List of Tables continued

Summary Tables

Page(s)

- S-14** **Table 11. Gender ratios, number of males per 100 female births, residents: Utah and United States, 1960-1999**
- S-15** **Table 12. Low birthweight percent (less than 2,500 grams) by race, residents: Utah and United States, 1970-1999**
- S-16** **Table 13. Births to unmarried mothers by age of woman, residents: Utah, 1970-1999**
- S-17** **Table 14. Birth rates to unmarried mothers per 1,000 live births by age of woman, residents: Utah, 1970-1999**
- 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, 1999**
- S-18** **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, 1999**
- S-20** **Table 17. Leading causes of death and death rates: Utah, 1998 and 1999**
- S-21** **Table 18. Deaths by selected causes, residents: Utah, 1980 and 1985-1999**
- S-22** **Table 19. Death rates by selected causes, residents: Utah, 1980 and 1985-1998 (Note: This table was in the 1998 Utah's Vital Statistics: births and Deaths, 1998. See the preface for information on 1999 rates.)**
- S-23** **Table 20. Expected years of life and working years of life lost by selected underlying cause of death, residents: Utah, 1999**
- S-24** **Table 21. Infant mortality rates by age at death, residents: Utah, 1960-1999**

List of Tables continued

Summary Tables

Page(s)

S-25	Table 22. Deaths by local health district and county of residence: Utah, 1980 and 1986-1999
S-26	Table 23. Deaths and percent of deaths by selected causes, Hispanic all races and Non-Hispanic, residents: Utah, 1999
S-27	Table 24. Deaths and percent of deaths by age, Hispanic all races and Non-Hispanic origin, residents: Utah, 1999
S-27	Table 25. Deaths and death rates from injuries by type of violence, residents: Utah, 1997-1998 and United States, 1997
S-28	Table 26. Deaths due to suicide by age, gender and year, residents: Utah, 1980-1999
S-29	Table 27. Pregnancies, pregnancy rates and populations by specific age-groups, residents: Utah, 1990-1999

Summary Figures

S-7	Figure 1. Estimated resident population, July 1, each year: Utah, 1950-1999
S-7	Figure 2. Rate of natural increase: Utah and United States, 1950-1999
S-7	Figure 3. Crude birth rates: Utah and United States, 1950-1999
S-7	Figure 4. Crude death rates: Utah and United States, 1950-1999
S-19	Figure 5. Percent distribution of births by tobacco use of mother and birthweight of infant, residents: Utah, 1999
S-19	Figure 5. Percent distribution of births by alcohol use of mother and birthweight of infant, residents: Utah, 1999
S-24	Figure 7. Infant mortality rates: Utah and United States, 1960-1999

List of Tables continued

Reference Tables

Page(s)

<i>R-3</i>	Table A1. Births by health district, county of occurrence, gender, attendant and hospital delivery: Utah, 1999
<i>R-4</i>	Table A2. Births by health district, county of residence of mother, gender, number born and birth order: Utah, 1999
<i>R-5</i>	Table A3. Births by health district, county of residence of mother and month of occurrence: Utah, 1999
<i>R-6</i>	Table A4. Births by health district, county of residence and age of mother: Utah, 1999
<i>R-7</i>	Table A5. Births by health district, county of residence and race of mother: Utah, 1999
<i>R-8</i>	Table A6. Births by health district, county of residence of mother and birthweight of infant: Utah, 1999
<i>R-9</i>	Table A7. Births by month prenatal care began by number of prenatal visits, residents: Utah, 1999
<i>R-10</i>	Table A8. Births by health district, county of residence of mother and month prenatal care began: Utah, 1999
<i>R-11</i>	Table A9. Births by health district, county of residence of mother and number of prenatal visits: Utah, 1999

List of Tables continued

Reference Tables

Page(s)

R-12	Table A10. Births by race of mother, birth order of infant and age of mother, residents: Utah, 1999
R-13	Table A11. Births by race and age of mother and month prenatal care began, residents: Utah, 1999
R-15	Table A12. Births by race and age of mother and number of prenatal visits, residents: Utah, 1999
R-17	Table A13. Births by race of mother, gender and birthweight of infant, residents: Utah, 1999
R-17	Table A14. Births by gestation period and birthweight of infant, residents: Utah, 1999
R-18	Table A15. Births by number of previous births, age and education of mother, residents: Utah, 1999
R-19	Table A16. Births by age and education of parents, residents: Utah, 1999
R-19	Table A17. Births to unmarried mothers by age and education of parents, residents: Utah, 1999
R-20	Table A18. Births to unmarried mothers by health district, county of residence and age of mother: Utah, 1999
R-21	Table A19. Births by marital status of mother, race and age of mother, residents: Utah, 1999
R-21	Table A20. Births by age of mother and birthweight of infant, residents: Utah, 1999

List of Tables continued

Reference Tables

Page(s)

R-22	Table A21. Births by birthweight of infant and tobacco use of mother (trimester of first use of cigarettes), residents: Utah, 1999
R-22	Table A22. Births by birthweight of infant and alcohol use of mother (trimester of first use), residents: Utah, 1999
R-23	Table A23. Births by five-minute apgar score and birthweight of infant, residents: Utah, 1999
R-24	Table A24. Births to mothers of Spanish origin by age of mother, health district and county of residence: Utah, 1999
R-25	Table A-25. Births to mothers of Spanish origin by race and age of mother and number of prenatal visits, residents: Utah, 1999
R-26	Table A26. Births to mothers of Spanish origin by race, age of mother and month prenatal care began, residents: Utah, 1999
R-28	Table A27. Births to mothers of Spanish origin by marital status of mother, race and age of mother, residents: Utah, 1999
R-28	Table A28. Births and deaths by community of occurrence and residence: Utah, 1999
R-35	Table A29. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, county of occurrence: Utah, 1999
R-38	Table A30. Fetal deaths by health district, county of residence and age of mother: Utah, 1999

List of Tables continued

Reference Tables

Page(s)

R-39	Table A31. Fetal deaths by selected cause and gender, residents: Utah, 1999
R-41	Table A32. Deaths to infants by race, age and county of residence: Utah, 1999
R-42	Table A33. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1999
R-46	Table A34. Deaths to infants under one year of age by mother's health district and county of residence: Utah, 1999
R-47	Table A35. Deaths by health district, county of residence and month: Utah, 1999
R-48	Table A36. Deaths by health district, county of residence, race and gender: Utah, 1999
R-49	Table A37. Deaths by age, race and gender, residents: Utah, 1999
R-50	Table A38a-A38c. Deaths by health district, county of residence, age and gender: Utah, 1999
R-53	Table A39a-A39e. Deaths by selected causes and county of residence: Utah, 1999
R-68	Table A40. Deaths by selected causes and age, residents: Utah, 1999
R-73	Table A41. Deaths by health district, county of occurrence and place where death occurred: Utah, 1999

List of Tables continued

Reference Tables

Page(s)

R-74	Table A42. Deaths from injuries due to violence by health district, county of residence and cause: Utah, 1999
R-75	Table A43. Deaths from injuries due to violence by age, gender and cause, residents: Utah, 1999
R-76	Table A44. Deaths from injuries due to violence by race, gender and cause, residents: Utah, 1999
R-77	Table A45. Deaths from injuries due to accidents by cause and month, occurrences: Utah, 1999
R-78	Table A46. Deaths from injuries due to accidents by cause, age and gender, occurrences: Utah, 1999
R-79	Table A47a-A47e. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999
R-94	Table A48. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1999

List of Tables continued

Appendix A

Page(s)

<i>R-5</i>	Figure A1. Local health departments, registrars and deputy registrars
<i>R-6</i>	Figure A2. Map of Utah with county borders
<i>R-7</i>	Figure A3. Certificate of live birth
<i>R-9</i>	Figure A4. Certificate of birth
<i>R-10</i>	Figure A5. Certificate of death
<i>R-11</i>	Figure A6. Fetal death certificate

Appendix B

Page(s)

<i>L-3</i>	Abridged life table for total population, residents: Utah, 1999
<i>L-4</i>	Abridged life table for male population, residents: Utah, 1999
<i>L-5</i>	Abridged life table for female population, residents: Utah, 1999

1999 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, 1940-1999

Year ¹	Estimated midyear population ²	Births	Deaths	Maternal deaths	Infant mortality	Fetal deaths	Marriages	Divorces and annulments
1940	552,000	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	575,000	15,520	4,622	27	522	281	6,081	1,433
1943	631,000	16,940	4,713	27	539	275	6,705	1,982
1944	605,000	16,043	4,727	22	548	248	6,262	2,995
1945	591,000	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	671,000	21,164	4,929	5	527	297	6,402	2,166
1950	696,000	21,192	4,974	7	506	256	7,110	2,107
1951	706,000	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	739,000	23,583	5,084	5	565	301	6,926	2,433
1954	750,000	24,305	4,992	6	506	325	6,295	2,140
1955	783,000	24,602	5,092	7	507	330	6,294	2,059
1956	809,000	24,971	5,224	7	571	320	6,657	2,189
1957	826,000	26,064	5,696	8	561	317	6,672	1,565
1958	845,000	25,384	5,809	10	564	325	6,672	2,002
1959	870,000	25,645	5,879	10	514	321	6,734	2,179
1960	900,000	26,272	5,997	5	517	276	7,119	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	1,101,000	27,552	7,245	2	382	258	12,497	4,419
1972	1,135,000	26,911	7,323	12	360	263	13,911	4,876
1973	1,170,000	27,978	7,573	5	354	219	14,840	5,137
1974	1,200,000	29,946	7,380	2	364	286	15,164	5,670
1975	1,236,000	31,667	7,519	7	415	257	14,858	6,131
1976	1,275,000	35,310	7,472	7	414	275	14,693	6,170
1977	1,320,000	37,956	7,612	5	381	318	15,098	6,947
1978	1,368,000	38,811	7,871	2	443	283	16,489	7,175
1979	1,420,000	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	6	457	272	18,705	8,413
1983	1,595,000	39,441	8,484	3	344	270	18,437	8,525
1984	1,622,000	38,286	8,944	6	350	263	17,981	8,262
1985	1,643,000	37,441	9,044	6	361	263	17,461	8,719
1986	1,663,000	36,383	8,886	1	310	238	17,119	8,589
1987	1,678,000	35,285	9,055	2	312	252	16,745	8,985
1988	1,690,000	36,040	9,185	0	287	190	17,376	8,080
1989	1,706,000	35,558	9,223	2	285	226	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, 1940-1999

Year ¹	Estimated midyear population	Births	Deaths	Maternal deaths	Infant mortality	Fetal deaths	Marriages	Divorces and annulments
1990	1,729,000	36,253	9,125	2	269	189	19,427	8,950
1991	1,775,000	36,019	9,576	1	222	198	19,472	8,800
1992	1,822,000	37,198	9,713	7	221	244	19,983	9,406
1993	1,866,000	37,048	10,393	2	222	204	20,181	8,794
1994	1,916,000	38,271	10,410	2	234	202	20,926	8,977
1995	1,959,351	39,554	10,854	3	206	227	21,469	8,857
1996	2,002,400	42,056	10,974	2	250	242	22,578	8,789
1997	2,048,753	43,009	11,545	2	249	211	22,900	9,065
1998	2,082,502(r)	45,128	11,784	3	257	202	22,612	8,849
1999	2,121,053(p)	46,243	11,981	5	222	215	24,104	9,389

Source: Demographic and Economic Analysis published data from the Utah Population Estimates Committee; Table: "Utah Population Estimates"; Utah Data Guide: Winter 2000, p5; estimates for 1990 through 1997 and 1998 revised and 1999 provisional.

(r) Revised population estimate

(p) Provisional population estimate

The Utah Population Estimates Committee stopped rounding estimates in 1995.

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

Table 2. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950-1999

Year	Birth		Death		Natural increase		Infant mortality		Fetal death		Marriage		Divorce and annulment	
	Utah	U.S. ¹	Utah	U.S. ¹	Utah	U.S. ¹	Utah	U.S. ²	Utah	U.S. ²	Utah	U.S. ¹	Utah	U.S. ¹
1950	30.4	24.1	7.1	9.6	23.3	14.5	23.9	29.2	12.1	19.2	10.2	11.1	3.0	2.6
1951	32.3	24.9	6.9	9.7	25.3	15.2	24.8	28.4	12.1	18.8	9.7	10.4	3.2	2.5
1952	32.8	25.1	7.2	9.6	25.6	15.5	24.9	28.4	13.2	18.3	9.3	9.9	3.2	2.5
1953	31.9	25.1	6.9	9.6	25.0	15.5	24.0	27.8	12.8	17.8	9.4	9.8	3.3	2.5
1954	32.4	25.3	6.7	9.2	25.8	16.1	20.8	26.6	13.4	17.5	8.4	9.2	2.9	2.4
1955	31.4	25.0	6.5	9.3	24.9	15.7	20.6	26.4	13.4	17.1	8.0	9.3	2.6	2.3
1956	30.9	25.2	6.5	9.4	24.4	15.8	22.9	26.0	12.8	16.5	8.2	9.5	2.7	2.3
1957	31.6	25.3	6.9	9.6	24.7	15.7	21.5	26.3	12.2	16.3	8.1	8.9	1.9	2.2
1958	30.0	24.5	6.9	9.5	23.2	15.0	22.2	27.1	12.8	16.5	7.8	8.4	2.4	2.1
1959	29.5	24.0	6.8	9.4	22.7	14.6	20.0	26.4	12.5	16.2	7.7	8.5	2.5	2.2
1960	29.2	23.7	6.7	9.5	22.5	14.2	19.7	26.0	10.5	16.1	7.9	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	14.2	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	11.4	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	12.6	10.5	4.7	4.6
1975	25.6	14.6	6.1	8.8	19.5	5.8	13.1	16.1	8.1	10.7	12.0	10.0	5.0	4.8
1976	27.7	14.6	5.9	8.8	21.8	5.8	11.7	15.2	7.8	10.5	11.5	9.9	4.8	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	28.4	15.0	5.8	8.7	22.6	6.3	11.4	13.8	7.3	9.7	12.1	10.3	5.2	5.1
1979	28.9	15.6	5.5	8.5	23.4	7.1	10.7	13.1	7.7	9.4	11.8	10.4	5.3	5.3
1980	28.3	15.9	5.5	8.8	22.9	7.1	10.4	12.6	7.2	9.2	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	6.9	8.7	11.2	6.8	8.5	11.6	10.5	5.3	5.0
1984	23.6	15.6	5.5	8.6	18.1	6.9	9.1	10.8	6.9	8.2	11.1	10.5	5.1	5.0

Table 2 continued. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950-1999

Year	Birth		Death		Natural increase		Infant mortality		Fetal death		Marriage		Divorce and annulment	
	Utah	U.S. ¹	Utah	U.S. ¹	Utah	U.S. ¹	Utah	U.S. ²	Utah	U.S. ²	Utah	U.S. ¹	Utah	U.S. ¹
1985	22.8	15.8	5.5	8.8	17.3	7.0	9.6	10.6	7.0	7.9	10.6	10.1	5.3	5.0
1986	21.9	15.6	5.3	8.8	16.5	6.9	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	6.4	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	5.2	7.5	11.2	9.8	5.2	4.7
1991	20.3	16.3	5.4	8.6	14.9	7.7	6.2	8.9	5.5	7.3	11.0	9.4	5.0	4.7
1992	20.4	15.9	5.3	8.5	15.1	7.4	5.9	8.5	6.6	7.4	11.0	9.3	5.2	4.8
1993	19.9	15.5	5.6	8.8	14.3	6.7	6.0	8.4	5.5	N.A.	10.8	9.0	4.7	4.6
1994	20.0	15.2	5.4	8.8	14.5	6.4	6.1	8.0	5.3	N.A.	10.9	9.1	4.7	4.6
1995	20.2	14.8	5.5	8.8	14.6	6.0	5.2	7.6	5.7	N.A.	11.0	8.9	4.5	4.4
1996	21.0	14.7	5.5	8.7	15.5	6.0	5.9	7.2	5.8	N.A.	11.3	8.8	4.4	4.3
1997	21.0	14.5	5.6	8.6	15.4	5.9	5.8	7.0	4.9	N.A.	11.2	8.9	4.4	4.3
1998	21.7	14.6	5.7	8.6	16.0	6.0	5.7	7.0	4.5	N.A.	10.9	8.3	4.2	4.2
1999	21.8	14.5	5.6	N.A.	16.2	N.A.	4.8	7.2	4.6	N.A.	11.4	N.A.	4.4	N.A.

Source for 1998 and 1999 births: National Center for Health Statistics; "Births: Preliminary Data for 1999"; National Vital Statistics Report, Vol 48, No. 14; Washington, Public Health Service; August 8, 2000.
 Source for 1950, 1960, 1970 and 1980 through 1998 deaths: National Center for Health Statistics; "Deaths: Final Data for 1998"; National Vital Statistics Report, Vol 48, No. 11; Washington, Public Health Service; July 24, 2000.
 Other commonly used sources: National Center for Health Statistics; "Births, Marriages, Divorces and Deaths: Provisional Data for (Year). Also, prior years of final data from the Monthly Vital Statistics series and the Vital Statistics of the United States series.

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

²Rates for infant mortality and ratios for spontaneous fetal deaths are per 1,000 live births.

Figure 1. Estimated resident population, July 1, each year: Utah 1950-1999

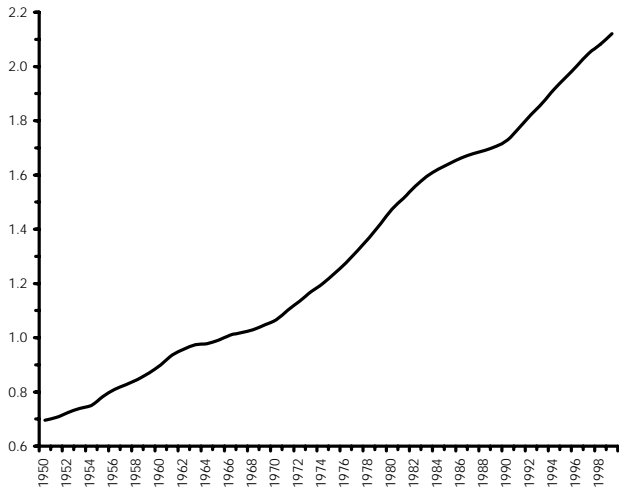


Figure 2. Rate of natural increase: Utah and United States, 1950-1999

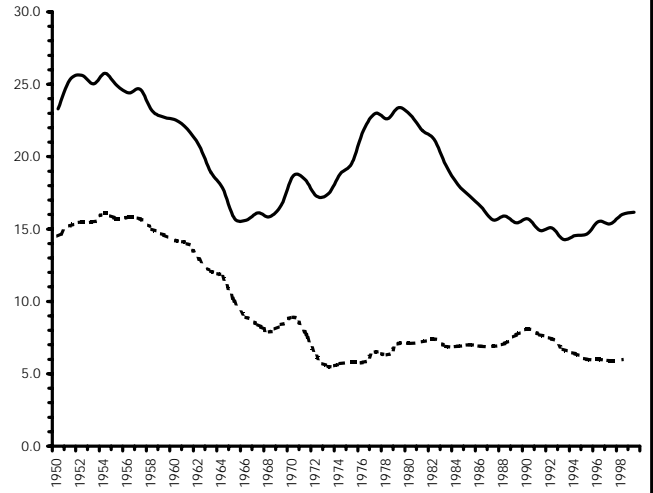


Figure 3. Crude birth rates: Utah and United States, 1950-1999

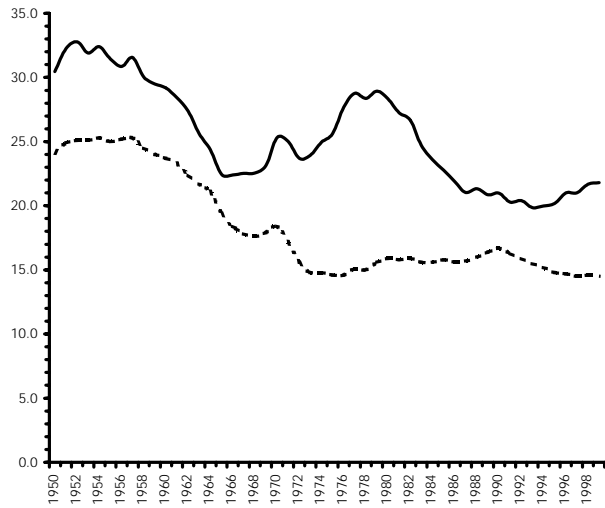
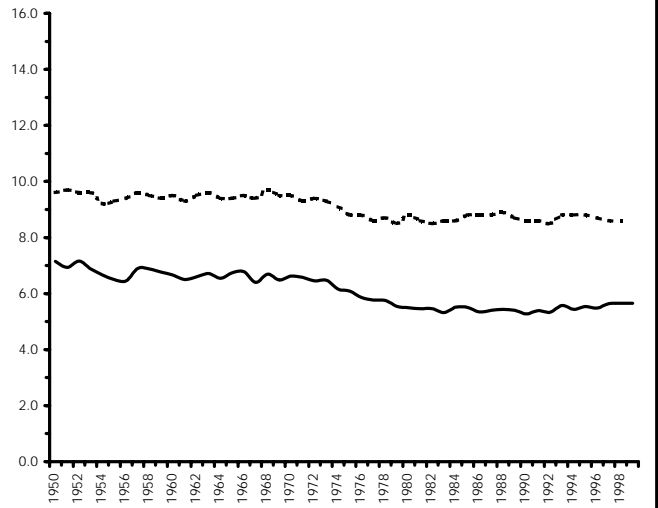


Figure 4. Crude death rates: Utah and United States, 1950-1999



Utah —
U.S. - - -

Figure 2 Note: United States rates for 1999 deaths are not complete; therefore, natural increase for the United States is not graphed.
Figure 4 Note: United States rates for 1999 deaths are not complete.

Table 3. Statistical summary, estimated midyear population, births, deaths, infant mortality, fetal deaths and abortions by local health district and county of residence: Utah, 1999

District and county	Provisional estimated population 1 July 1999	Births		Deaths		Infant mortality		Fetal death		Abortions	
		Number	Rate ¹	Number	Rate ¹	Number	Rate ²	Number	Rate ²	Number ³	Rate ²
Total	2,121,053	46,243	21.8	11,981	5.6	222	4.8	215	4.6	3,160	68.3
Bear River	131,007	2,959	22.6	696	5.3	15	5.1	13	4.4	105	35.5
Box Elder	41,732	784	18.8	267	6.4	2	2.6	6	7.7	26	33.2
Cache	87,440	2,150	24.6	410	4.7	13	6.0	7	3.3	79	36.7
Rich	1,835	25	13.6	19	10.4	0	0.0	0	0.0	0	0.0
Central Utah	64,553	1,158	17.9	503	7.8	10	8.6	2	1.7	21	18.1
Juab	8,120	172	21.2	56	6.9	5	29.1	0	0.0	0	0.0
Millard	11,959	180	15.1	108	9.0	1	5.6	2	11.1	4	22.2
Plute	1,644	25	15.2	9	5.5	0	0.0	0	0.0	0	0.0
Sanpete	21,408	403	18.8	147	6.9	3	7.4	0	0.0	11	27.3
Sevier	18,884	333	17.6	160	8.5	1	3.0	0	0.0	6	18.0
Wayne	2,538	45	17.7	23	9.1	0	0.0	0	0.0	0	0.0
Davis	235,438	4,781	20.3	1,022	4.3	22	4.6	27	5.6	243	50.8
Salt Lake	843,271	17,620	20.9	4,962	5.9	88	5.0	79	4.5	2,032	115.3
Southeastern	54,905	855	15.6	393	7.2	3	3.5	2	2.3	19	22.2
Carbon	21,422	324	15.1	183	8.5	1	3.1	0	0.0	18	55.6
Emery	10,862	156	14.4	78	7.2	1	6.4	1	6.4	1	6.4
Grand	9,060	117	12.9	61	6.7	0	0.0	0	0.0	0	0.0
San Juan	13,561	258	19.0	71	5.2	1	3.9	1	3.9	0	0.0
Southwest	129,297	2,829	21.9	992	7.7	20	7.1	17	6.0	6	2.1
Beaver	5,881	135	23.0	57	9.7	0	0.0	0	0.0	1	7.4
Garfield	4,550	70	15.4	42	9.2	1	14.3	1	14.3	1	14.3
Iron	31,518	752	23.9	170	5.4	6	8.0	7	9.3	1	1.3
Kane	6,144	75	12.2	53	8.6	3	40.0	1	13.3	0	0.0
Washington	81,204	1,797	22.1	670	8.3	10	5.6	8	4.5	3	1.7
Summit	26,459	436	16.5	94	3.6	2	4.6	4	9.2	88	201.8
Tooele	35,847	905	25.2	215	6.0	4	4.4	4	4.4	55	60.8
Uintah Basin	40,147	736	18.3	248	6.2	6	8.2	3	4.1	20	27.2
Daggett	737	16	21.7	2	2.7	0	0.0	0	0.0	0	0.0
Duchesne	14,381	296	20.6	79	5.5	2	6.8	1	3.4	10	33.8
Uintah	25,029	424	16.9	167	6.7	4	9.4	2	4.7	10	23.6
Utah County	353,136	9,807	27.8	1,459	4.1	33	3.4	40	4.1	243	24.8
Wasatch	13,711	272	19.8	77	5.6	2	7.4	4	14.7	12	44.1
Weber-Morgan	193,282	3,885	20.1	1,320	6.8	17	4.4	20	5.1	316	81.3
Morgan	7,262	85	11.7	29	4.0	0	0.0	1	11.8	0	0.0
Weber	186,020	3,800	20.4	1,291	6.9	17	4.5	19	5.0	316	83.2

Source: Demographic and Economic Analysis published data from the Utah Population Estimates Committee; Table: "Utah Population Estimates"; Utah Data Guide: Winter 2000, p5; estimates for 1990 through 1997 and 1998 revised and 1999 provisional.

¹Rate per 1,000 population.

²Rate or ratio per 1,000 live births.

³One abortion to a Utah resident where county is unknown occurred out of state and is not shown in the table but is included in the total.

- Rates and/or ratios are not computed for fewer than seven events.

Table 4. Births by local health district and county of residence: Utah, 1980 and 1986-1999

District and county	Year														
	1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	41,786	36,383	35,285	36,040	35,558	35,964	36,019	37,198	37,048	38,271	39,554	42,056	43,009	45,128	46,243
Bear River	2,775	2,371	2,393	2,498	2,382	2,430	2,382	2,449	2,509	2,479	2,546	2,782	2,804	2,982	2,959
Box Elder	902	785	755	776	700	715	718	652	713	684	652	734	721	813	784
Cache	1,805	1,541	1,596	1,693	1,639	1,687	1,639	1,776	1,773	1,771	1,871	2,020	2,054	2,144	2,150
Rich	68	45	42	29	43	28	25	21	23	24	23	28	29	25	25
Central Utah	1,322	1,086	1,009	941	894	926	910	915	947	925	1,016	1,007	1,153	1,128	1,158
Juab	151	120	123	90	98	105	89	98	124	126	135	155	168	192	172
Millard	267	310	248	244	228	230	210	196	219	192	196	176	209	196	180
Piute	34	15	18	17	14	14	15	10	21	15	22	19	20	18	25
Sanpete	389	311	294	293	251	297	305	290	300	299	320	330	410	368	403
Sevier	424	290	281	267	270	250	261	295	251	258	297	284	306	316	333
Wayne	57	40	45	30	33	30	30	26	32	35	46	43	40	38	45
Davis	4,083	3,701	3,808	3,944	3,915	3,871	3,760	4,017	3,723	3,980	4,131	4,317	4,515	4,678	4,781
Salt Lake	16,577	14,920	14,636	14,761	14,536	14,914	14,782	15,223	15,222	15,379	15,692	16,663	16,711	17,362	17,620
Southeastern	1,585	1,093	1,010	942	954	624	961	899	808	837	834	879	900	926	855
Carbon	615	402	373	307	304		343	282	296	289	296	303	325	345	324
Emery	421	253	199	187	199	185	205	170	159	146	159	185	195	176	156
Grand	197	121	111	92	105	109	88	94	78	120	99	120	128	116	117
San Juan	352	317	327	356	346	330	325	353	275	282	280	271	252	289	258
Southwest	1,594	1,576	1,476	1,589	1,581	1,578	1,635	1,700	1,809	2,020	2,143	2,360	2,586	2,750	2,829
Beaver	123	87	69	69	85	70	77	92	86	91	104	110	114	129	135
Garfield	100	83	74	70	84	48	76	61	72	61	52	70	73	84	70
Iron	507	429	378	420	429	427	448	444	494	557	573	618	679	747	752
Kane	104	98	87	92	91	95	89	84	62	86	69	82	101	93	75
Washington	760	879	868	938	892	938	945	1,019	1,095	1,225	1,345	1,480	1,619	1,697	1,797
Summit	256	253	212	232	246	269	282	285	323	359	336	374	402	409	436
Tooele	632	542	500	464	424	506	479	483	497	521	518	610	671	725	905
Uintah Basin	1,107	953	839	731	686	703	711	702	688	671	653	660	664	712	736
Daggett	27	13	13	14	12	15	12	6	12	12	9	5	4	10	16
Duchesne	418	364	307	289	247	255	246	270	235	246	257	253	248	253	296
Uintah	662	576	519	428	427	433	453	426	441	413	387	402	412	449	424
Utah County	7,838	6,417	6,057	6,599	6,558	6,751	6,779	7,055	7,076	7,585	7,931	8,370	8,709	9,232	9,807
Wasatch	268	202	215	173	194	181	186	172	193	221	217	231	241	269	272
Weber-Morgan	3,749	3,269	3,130	3,166	3,188	3,211	3,152	3,298	3,253	3,294	3,537	3,803	3,653	3,955	3,885
Morgan	117	90	88	84	95	93	79	89	96	91	93	110	95	116	85
Weber	3,632	3,179	3,042	3,082	3,093	3,118	3,073	3,209	3,157	3,203	3,444	3,693	3,558	3,839	3,800

Table 5. Census of population and intercensal estimates by local health district and county of residence: Utah, April 1, 1980 and 1990 and July 1, 1980 and 1985 and 1987-1999

District and county	Year													
	April 1, 1980		July 1, 1980		July 1, 1985		April 1, 1990		1990-1999					
	Census	1980	1985	Census	1990	1991	1992	1993	1994	1995	1996	1997	1998(r)	1999(p)
Total	1,461,037	1,474,000	1,643,000	1,722,850	1,729,000	1,775,000	1,822,000	1,866,000	1,916,000	1,959,351	2,002,400	2,048,753	2,082,502	2,121,053
Bear River	92,498	93,350	102,750	108,393	108,750	110,700	113,250	116,000	118,650	120,975	123,403	126,209	128,787	131,007
Box Elder	33,222	33,500	35,500	36,485	36,500	37,100	37,500	38,100	38,500	38,910	39,484	40,235	40,927	41,732
Cache	57,176	57,700	65,200	70,183	70,500	71,900	74,000	76,100	78,300	80,259	82,098	84,186	86,067	87,440
Rich	2,100	2,150	2,050	1,725	1,750	1,700	1,750	1,800	1,850	1,806	1,821	1,788	1,793	1,835
Central Utah	47,087	47,600	54,900	52,294	52,200	53,750	54,850	55,950	58,150	59,299	60,981	62,563	63,923	64,553
Juab	5,530	5,550	6,300	5,817	5,800	6,000	6,150	6,200	6,800	7,149	7,444	7,702	7,973	8,120
Millard	8,970	9,050	12,900	11,333	11,300	11,600	11,700	11,700	11,900	11,931	11,958	12,068	12,029	11,959
Piute	1,329	1,350	1,300	1,277	1,250	1,350	1,350	1,350	1,450	1,424	1,508	1,534	1,581	1,644
Sanpete	14,620	14,800	16,300	16,259	16,300	16,900	17,500	18,100	18,800	19,240	19,999	20,581	21,268	21,408
Sevier	14,727	14,900	15,900	15,431	15,400	15,700	16,000	16,400	16,900	17,257	17,682	18,238	18,612	18,884
Wayne	1,911	1,950	2,200	2,177	2,150	2,200	2,150	2,200	2,300	2,298	2,390	2,440	2,460	2,538
Davis	146,540	148,000	170,000	187,941	188,000	195,000	201,000	206,000	212,000	216,020	219,644	224,307	229,393	235,438
Salt Lake	619,066	625,000	697,000	725,956	728,000	747,000	765,000	777,000	792,000	806,280	818,860	830,627	837,860	843,271
Southeastern	54,124	54,650	53,400	49,801	49,700	50,300	51,050	51,700	53,050	53,635	54,247	54,943	55,031	54,905
Carbon	22,179	22,400	22,800	20,228	20,200	20,600	20,600	20,700	21,100	21,054	21,420	21,643	21,649	21,422
Emery	11,451	11,600	11,100	10,332	10,300	10,200	10,200	10,400	10,600	10,735	10,811	10,929	10,918	10,862
Grand	8,241	8,250	7,200	6,620	6,600	6,800	7,150	7,500	7,950	8,352	8,801	8,830	8,895	9,060
San Juan	12,253	12,400	12,300	12,621	12,600	12,700	13,100	13,100	13,400	13,494	13,215	13,541	13,569	13,561
Southwest	55,489	56,050	70,900	83,263	83,900	87,600	91,750	97,150	103,650	110,883	116,874	121,992	125,163	129,297
Beaver	4,378	4,400	5,050	4,765	4,800	4,850	4,900	5,000	5,150	5,350	5,607	5,742	5,693	5,881
Garfield	3,673	3,700	4,000	3,980	3,950	4,100	4,100	4,200	4,200	4,308	4,386	4,525	4,482	4,550
Iron	17,349	17,500	20,100	20,789	20,900	21,500	22,400	23,800	25,200	26,866	28,032	29,338	30,495	31,518
Kane	4,024	4,050	4,950	5,169	5,150	5,250	5,350	5,450	5,700	5,884	5,957	6,039	6,078	6,144
Washington	26,065	26,400	36,800	48,560	49,100	51,900	55,000	58,700	63,400	68,475	72,892	76,348	78,415	81,204
Summit	10,198	10,400	13,000	15,518	15,700	17,000	18,400	19,700	21,100	22,367	23,562	24,675	25,669	26,459
Tooele	26,033	26,200	27,300	26,601	26,700	27,200	27,800	28,100	29,300	29,547	30,493	31,997	33,202	35,847
Uintah Basin	33,840	34,150	40,300	35,546	35,500	36,600	37,200	37,500	38,950	38,652	39,111	39,792	39,739	40,147
Daggett	769	750	700	690	700	700	700	700	750	768	803	753	713	737
Duchesne	12,565	12,700	14,700	12,645	12,600	12,800	12,900	13,200	13,500	13,549	14,032	14,402	14,256	14,381
Uintah	20,506	20,700	24,900	22,211	22,200	23,100	23,600	23,600	24,700	24,335	24,276	24,637	24,770	25,029
Utah County	218,106	220,000	245,000	263,590	266,000	272,000	279,000	291,000	299,000	307,741	317,881	330,803	340,303	353,136
Wasatch	8,523	8,650	9,200	10,089	10,100	10,700	10,800	11,200	11,800	12,179	12,585	12,925	13,317	13,711
Weber-Morgan	149,533	149,950	159,250	163,858	164,550	167,650	171,850	175,150	178,350	181,773	184,759	187,920	190,115	193,282
Morgan	4,917	4,950	5,250	5,528	5,550	5,650	5,850	6,150	6,350	6,497	6,693	6,875	7,101	7,262
Weber	144,616	145,000	154,000	158,330	159,000	162,000	166,000	169,000	172,000	175,276	178,066	181,045	183,014	186,020

Source: Demographic and Economic Analysis published data from the Utah Population Estimates Committee; Table: "Utah Population Estimates"; Utah Data Guide: Winter 2000, p5; estimates for 1990 through 1997 and 1998 revised and 1999 provisional.

(r) Revised population estimate

(p) Provisional population estimate

The Utah Population Estimates Committee stopped rounding estimates in 1995.

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

Table 6. Population density by land area (frontier, rural and urban) and county of residence: Utah, 1999

Land area and county	Area in square miles	Provisional estimated population July 1, 1999	Population density per sq mi
Total	82,170	2,121,053	25.8
Frontier*	57,301	152,148	2.7
Garfield	5,175	4,550	0.9
Wayne	2,461	2,538	1.0
Daggett	698	737	1.1
Kane	3,992	6,144	1.5
San Juan	7,821	13,561	1.7
Rich	1,029	1,835	1.8
Millard	6,590	11,959	1.8
Piute	758	1,644	2.2
Beaver	2,590	5,881	2.3
Juab	3,392	8,120	2.4
Grand	3,682	9,060	2.5
Emery	4,452	10,862	2.4
Duchesne	3,238	14,381	4.4
Tooele	6,946	35,847	5.2
Uintah	4,477	25,029	5.6
Rural**	21,253	351,040	16.5
Box Elder	5,724	41,732	7.3
Iron	3,299	31,518	9.6
Sevier	1,910	18,884	9.9
Wasatch	1,181	13,711	11.6
Morgan	609	7,262	11.9
Sanpete	1,588	21,408	13.5
Summit	1,871	26,459	14.1
Carbon	1,479	21,422	14.5
Washington	2,427	81,204	33.5
Cache	1,165	87,440	75.1
Urban***	3,616	1,617,865	447.4
Utah County	1,998	353,136	176.7
Weber	576	186,020	323.0
Davis	305	235,438	771.9
Salt Lake	737	843,271	1144.2

Source for Land Area: Bureau of the Census; "Land Area and Population Density: 1990"; 1990 Census of Population and Housing: Summary Population and Housing Characteristics Utah, CPH-1-46; Washington, DC; August 1991.

Source: Demographic and Economic Analysis published data from the Utah Population Estimates Committee; Table: "Utah Population Estimates"; Utah Data Guide: Winter 2000, p5; estimates for 1990 through 1997 and 1998 revised and 1999 provisional.

*Six or fewer persons per square mile.

**More than six but fewer than one hundred persons per square mile.

***One hundred or more persons per square mile.

Table 7. Population, births and deaths by land area of residence: Utah, 1999

Land Areas	Estimated population 7/01/94	Births		Deaths	
		Number	Rate ¹	Number	Rate ¹
Total	2,121,053	46,243	21.8	11,981	5.6
Frontier ²	152,148	2,899	19.1	1,040	6.8
Rural ³	351,040	7,336	20.9	2,207	6.3
Urban ⁴	1,617,865	36,008	22.3	8,734	5.4

¹Rate per 1,000 population.

²Six or fewer persons per square mile.

³More than six but fewer than one hundred persons per square mile.

⁴One hundred or more persons per square mile.

Table 8. Infant mortality total, neonatal and postneonatal by land area of residence: Utah, 1999

Land Areas	Total		Neonatal deaths		Postneonatal deaths	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Total	222	4.8	147	3.2	75	1.6
Frontier ²	22	7.6	12	4.1	10	3.4
Rural ³	40	5.5	29	4.0	11	1.5
Urban ⁴	160	4.4	106	2.9	54	1.5

¹Rate per 1,000 live births.

²Six or fewer persons per square mile.

³More than six but fewer than one hundred persons per square mile.

⁴One hundred or more persons per square mile.

*Rates are not computed for fewer than seven events.

Table 9. Fetal deaths, low-weight births, births to unmarried mothers and abortions by land area of residence: Utah, 1999

Land Areas	Fetal deaths		Low birthweight <2,500 grams		Unmarried mothers		Induced abortions	
	Number	Ratio ¹	Number	Rate ¹	Number	Rate ¹	Number ⁵	Ratio ¹
Total	215	4.6	3,222	69.7	7,699	166.5	3,160	68.3
Frontier ²	13	4.5	246	84.9	600	207.0	82	28.3
Rural ³	37	5.0	501	68.3	1,007	137.3	244	33.3
Urban ⁴	165	4.6	2,475	68.7	6,092	169.2	2,834	78.7

¹Rate or ratio per 1,000 births.

²Six or fewer persons per square mile.

³More than six but fewer than one hundred persons per square mile.

⁴One hundred or more persons per square mile.

⁵There is one abortion to a Utah resident where the county is unknown which occurred out of state and is not shown in the table but is included in the total.

Table 10. Female population, births and fertility rates, resident females 15-44 years of age: Utah and the United States, 1970-1999

Year	Utah				U. S.			
	Female population ages 15-44	Live births	Fer-tility rate ¹	Percent change	Total		White	
					Fer-tility rate	Percent change	Fer-tility 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	339,799	41,786	123.0	-1.9	68.4	1.8	65.6	3.5
1981	351,700	41,286	117.4	-4.5	67.3	-1.6	64.8	-1.2
1982	361,040	41,537	115.0	-2.0	67.3	0.0	64.8	0.0
1983	368,973	39,441	106.9	-7.1	65.7	-2.4	63.4	-2.2
1984	374,597	38,286	102.2	-4.4	65.5	-0.3	63.2	-0.3
1985	378,827	37,441	98.8	-3.3	66.3	1.2	64.1	1.4
1986	382,834	36,383	95.0	-3.8	65.4	-1.4	63.1	-1.6
1987	385,698	35,285	91.5	-3.7	65.8	0.6	63.3	0.3
1988	387,881	36,040	92.9	1.6	67.3	2.3	64.5	1.9
1989	390,989	35,538	90.9	-2.2	69.2	2.8	66.4	2.9
1990	395,781	36,253	91.6	0.8	70.9	2.5	68.3	2.9
1991	410,106	36,019	87.8	-4.1	69.6	-1.8	67.0	-1.9
1992	423,145	37,198	87.9	0.1	68.9	-1.0	66.5	-0.7
1993	436,287	37,048	84.9	-3.4	67.6	-1.9	65.4	-1.7
1994	451,177	38,271	84.8	-0.1	66.7	-1.3	64.9	-0.8
1995	463,847	39,554	85.3	0.5	65.6	-1.6	65.6	1.1
1996	475,709	42,056	88.4	3.7	65.3	-0.5	65.7	0.2
1997	486,592	43,009	88.4	0.0	65.0	0.0	63.9	0.0
1998	492,370	45,128	91.7	3.7	65.6	1.5	65.0	1.7
1999	498,067	46,243	92.8	1.3	65.8	0.3	N.A.	N.A.

Source for 1998 and 1999 births: National Center for Health Statistics; "Births: Preliminary Data for 1999"; National Vital Statistics Report, Vol 48, No. 14; Washington, Public Health Service; August 8, 2000.

Other commonly used sources: National Center for Health Statistics; "Births, Marriages, Divorces and Deaths: Provisional Data for (Year). Also, prior years of final data from the Monthly Vital Statistics series and the Vital Statistics of the United States for Population data: Governor's Office of Planning and Budget, Demographic and Economic Analysis Section; Internet site: "http://www.qget.state.ut.us/projections/Downloads/DownloadArea/SYA_Files/"; January 28, 2000.

¹Live births divided by the population of females 15-44 years of age and multiplied by 1,000.

Table 11. Gender ratios, number of males per 100 female births, residents: Utah and United States, 1960-1999

Year	Birth gender ratio	
	Utah residents	U.S. ¹ 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	N.A.

Data source for the U.S.: National Center for Health Statistics; "Births: Final Data for 1998"; Monthly Vital Statistics Report, Vol. 48, No. 3; National Vital Statistics Report; Washington: Public Health Service; March 28, 2000. U.S. data before 1998 are from prior final birth data in the Monthly Vital Statistics Report and the National Vital Statistics Report series.

Table 12. Low birthweight percent (less than 2,500 grams) by race, residents: Utah and United States, 1970-1999

Year	Utah	Utah			United States ¹		
	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	11.4
1982	5.6	5.5	11.4	6.8	6.8	5.6	11.2
1983	5.6	5.5	10.3	6.5	6.8	5.7	12.6
1984	5.6	5.4	10.1	8.5	6.7	5.6	12.4
1985	5.7	5.6	10.4	6.0	6.8	5.6	12.4
1986	5.4	5.3	9.3	6.3	6.8	5.6	12.5
1987	5.7	5.6	10.6	7.0	6.9	5.7	12.7
1988	5.7	5.6	11.8	6.9		5.6	13.0
1989	5.7	5.6	10.8	5.4	7.0	5.7	13.5
Race of Mother*:							
1990	5.7	5.7	12.8	5.6	7.0	5.7	13.3
1991	6.0	6.0	14.0	5.9	7.1	5.8	13.6
1992	5.7	5.6	9.1	6.0	7.1	5.8	13.3
1993	5.9	5.9	9.0	7.4	7.2	6.0	13.3
1994	5.9	5.9	10.1	5.2	7.3	6.1	13.2
1995	6.3	6.2	10.6	7.2	7.3	6.2	13.1
1996	6.6	6.6	11.9	7.1	7.4	6.3	13.0
1997	6.6	6.5	14.2	7.6	7.5	6.5	13.0
1998	6.8	6.7	14.6	7.6	7.6	6.5	13.0
1999	7.0	6.9	14.8	7.3	N.A.	N.A.	N.A.

Source for U.S. data: National Center for Health Statistics; "Births: Final Data for 1998;" National Vital Statistics Report, Vol. 48, No. 3; Washington: Public Health Service; March 28, 2000. U.S. data before 1998 are from prior final birth data in the Monthly Vital Statistics Report and the National Vital Statistics Report series.

*In order to be consistent with the National Center for Health Statistics, in 1990 we began tabulating births primarily by race of mother. Previous years are based on race of child.

Note: 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. Prior to this change, low birthweight was defined as "2,500 grams or less."

Table 13. Births to unmarried mothers by age of woman, residents: Utah, 1970-1999

Year	Year									
	Total	Under							45 and	Un-
		15	15-19	20-24	25-29	30-34	35-39	40-44	Over	Known
1970	1,208	14	588	441	100	40	20	5	0	7
1971	1,058	11	500	382	105	38	19	3	0	0
1972	1,134	23	574	379	83	42	26	5	2	25
1973	1,215	23	638	381	112	40	15	6	0	1
1974	1,135	16	564	380	114	40	18	3	0	3
1975	1,318	32	642	439	136	48	18	3	0	3
1976	1,492	20	735	479	168	65	21	4	0	1
1977	1,803	30	880	584	211	73	22	2	1	3
1978	2,160	28	997	732	274	89	30	9	1	0
1979	2,315	18	1,061	784	295	116	35	5	1	1
1980	2,604	28	1,163	894	344	128	42	5	0	1
1981	2,693	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	3,248	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	4,122	26	1,572	1,428	762	314		20	0	0
1989	4,497	31	1,657	1,544	800	330	112	23	0	5
1990	4,890	39	1,772	1,673	833	412	128	29	4	20
1991	5,195	37	1,911	1,845	815	408	149	28	2	1
1992	5,628	48	2,044	2,007	884	432	181	32	0	3
1993	5,733	40	2,210	1,961	844	455	176	36	1	10
1994	6,002	47	2,295	2,075	894	475	178	31	3	4
1995	6,216	53	2,442	2,071	946	477	194	31	2	0
1996	6,825	42	2,580	2,331	1,095	502	224	45	1	5
1997	7,145	54	2,699	2,458	1,080	545	240	52	0	17
1998	7,740	50	2,716	2,837	1,221	568	278	62	2	6
1999	7,699	39	2,592	2,863	1,271	599	266	65	2	2

Table 14. Birth rates to unmarried mothers per 1,000 live births by age of woman, residents: Utah, 1970-1999

Year	Total	Year					35 and over
		Under 15	15-19	20-24	25-29	30-34	
1970	45.0	736.8	176.3	41.0	13.4	11.4	13.4
1971	38.4	611.1	156.3	34.1	13.9	10.6	11.8
1972	42.2	821.4	164.9	36.2	10.9	12.1	18.2
1973	43.5	766.7	178.4	35.4	13.7	10.8	11.9
1974	38.0	666.7	156.7	32.2	13.0	9.9	12.4
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		39.8
1989	126.6	861.1	474.5	145.9	70.1	46.7	45.9
1990	135.4	928.6	481.9	154.6	73.3	56.7	58.7
1991	144.3	840.9	500.0	165.2	75.2	58.8	60.3
1992	151.3	923.1	528.7	174.3	80.3	58.8	63.7
1993	154.6	888.9	560.8	168.3	79.0	61.5	53.0
1994	156.8	979.2	567.5	174.1	79.0	64.1	50.4
1995	157.1	929.8	578.8	167.7	79.6	63.6	64.1
1996	162.3	933.3	582.5	177.1	83.9	66.3	71.7
1997	166.1	964.3	600.6	180.4	82.6	69.7	74.7
1998	171.5	961.5	619.4	196.2	86.3	73.1	79.3
1999	166.5	907.0	610.6	188.9	88.3	71.8	82.1

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, 1999

Tobacco use by mother	Total	Birthweight in grams									
		Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Not stated
Total	100.0	0.7	0.6	1.2	4.4	17.9	40.5	27.2	6.5	0.9	0.1
Yes Number of cigarettes	100.0	1.1	1.1	2.5	9.2	28.0	39.3	16.4	2.2	0.2	0.0
None	100.0	1.9	1.9	0.0	7.4	35.2	35.2	16.7	1.9	0.0	0.0
1 to 10	100.0	1.0	1.1	2.4	6.5	24.5	40.9	20.8	2.4	0.4	0.0
11 to 20	100.0	1.2	0.6	1.7	11.2	26.6	38.8	16.8	2.5	0.5	0.1
21 or more	100.0	1.0	1.3	2.9	9.7	30.0	38.8	14.2	1.9	0.1	0.0
No	100.0	0.6	0.6	1.1	4.0	17.0	40.7	28.2	6.9	0.9	0.1
Unknown	100.0	20.0	1.0	2.0	4.5	14.5	31.0	20.0	6.5	0.0	0.5

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, 1999

Alcohol use by mother	Total	Birthweight in grams									
		Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Not stated
Total	100.0	0.7	0.6	1.2	4.4	17.9	40.5	27.2	6.5	0.9	0.1
Yes Number of drinks	100.0	1.0	1.0	1.4	7.3	24.3	35.9	24.5	3.9	0.6	0.2
One	100.0	0.8	0.0	0.8	6.0	28.6	32.3	24.8	5.3	1.5	0.0
Two	100.0	0.0	1.1	1.1	9.1	22.7	39.8	25.0	1.1	0.0	0.0
Three to four	100.0	1.2	1.2	1.2	8.0	21.5	35.0	26.4	4.3	0.6	0.6
More than four	100.0	1.8	0.9	2.7	7.2	23.4	35.1	24.3	4.5	0.0	0.0
Unknown	100.0	0.0	4.3	0.0	4.3	30.4	52.2	8.7	0.0	0.0	0.0
No	100.0	0.6	0.6	1.2	4.4	17.8	40.6	27.3	6.5	0.9	0.1
Unknown	100.0	19.1	1.0	1.9	3.8	15.3	31.1	21.1	6.2	0.0	0.5

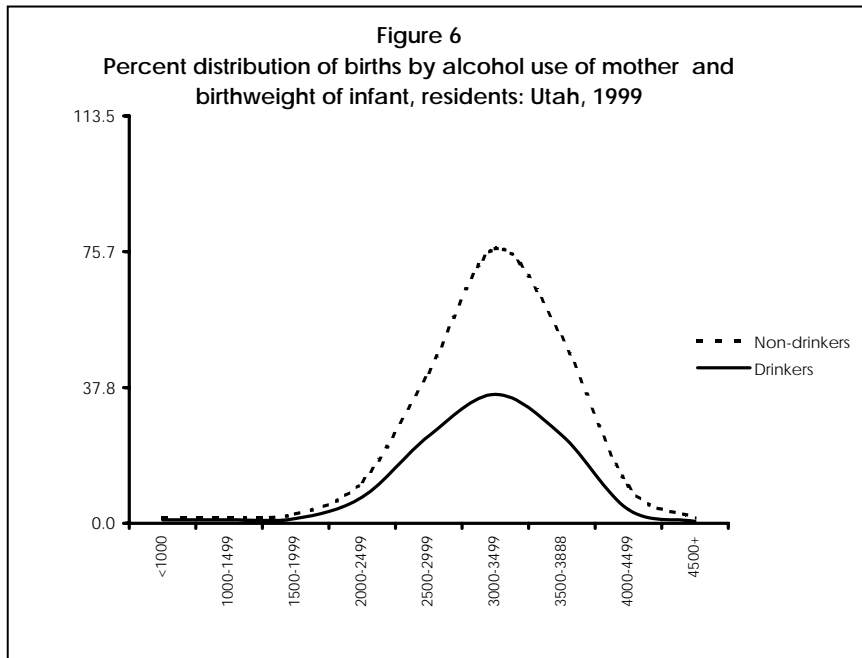
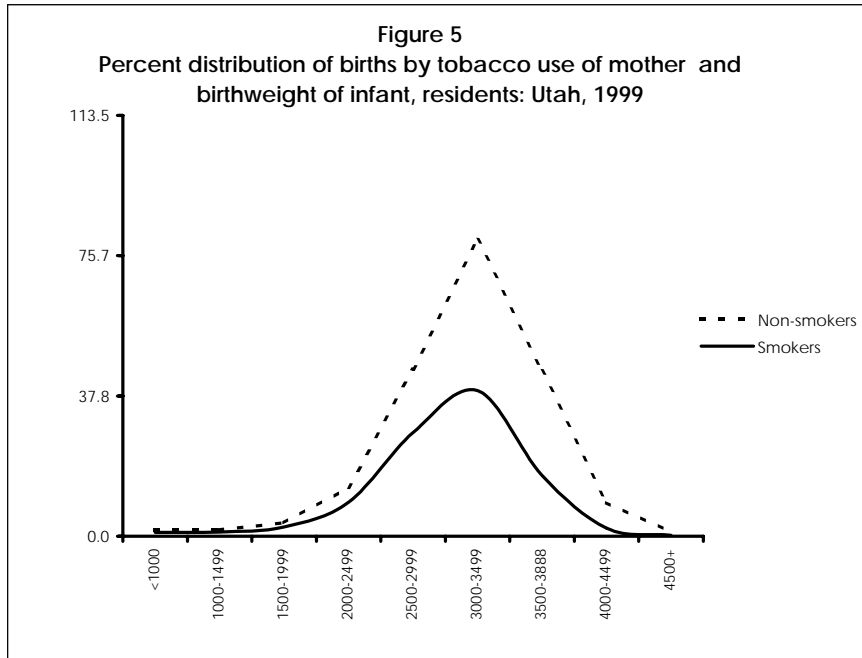


Table 17. Leading causes of death and death rates: Utah, 1998 and 1999

Utah 1999				Utah 1998			
Rank	Cause ² and ICD-10 Code	Rate per 100,000		Rank	Rate per 100,000		
		No.	population		No.	population	
	Total	11,981	564.9	Total	11,784	565.7	
1.	Diseases of heart (I00-I09,I11,I13,I20-I51)	2,761	130.2	Diseases of heart (390-398,402, 404-429)	1, 2,870	137.8	
2.	Malignant neoplasms (C00-C97)	2,375	112.0	Malignant neoplasms including neoplasms of lymphatic and hematopoietic tissues (140-208)	2, 2,364	113.5	
3.	Cerebrovascular diseases (I60-I69)	869	41.0	Cerebrovascular diseases (430-438)	3, 791	38.0	
4.	Accidents and adverse effects	630	29.7	Accidents and adverse effects (E800-E949)	4, 699	33.6	
	Motor vehicle accidents (V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820 -V821, V83-V86, V870-V878, V880-V888, V890,V892)	321	15.1	Motor vehicle accidents E810-E825	389	18.7	
	All other accidents	309	14.6	All other accidents (E800-80,E826-949)	310	14.9	
	Other land transport accidents (V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899)	42	2.0				
	Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	18	0.8				
	Nontransport accidents (W00-X59, Y86)	249	11.7				
5.	Chronic lower respiratory diseases (J40-J47)	559	26.4	Chronic obstructive pulmonary diseases and allied conditions (490-496)	6, 481	23.1	
6.	Diabetes mellitus (E10-E14)	170	8.0	Diabetes mellitus (250)	7, 466	22.4	
7.	Pneumonia and influenza (J10-J18)	472	22.3	Pneumonia and influenza (480-487)	5, 485	23.3	
8.	Intentional self-harm (suicide) (X60-X84, Y870)	282	13.3	Suicide (E950-E959)	8, 336	16.1	
9.	Alzheimers disease (G30)	247	11.6	Alzheimer's disease* (331.0)	9, 162	7.8	
10.	Chronic liver disease and cirrhosis (K70, K73-K74)	134	6.3	Chronic liver disease and cirrhosis (571)	11, 116	5.6	
11.	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	125	5.9	Congenital anomalies (740-759)	10 123	5.9	
12.	Septicemia (A40-A41)	119	5.6	Septicemia (038)	14, 88	4.2	
13.	Certain conditions originating in the perinatal period (P00-P96)	77	3.6	Certain conditions originating in the perinatal period (760-779)	13, 98	4.7	
14.	Artherosclerosis (I70)	69	3.3	Atherosclerosis (440)	15, 73	3.5	
15.	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19, N25-N27)	54	2.5	Nephritis, nephrotic syndrome and nephrosis (580-589)	12, 113	5.4	
	All other causes	3,038	143.2	All other causes	2,519	120.9	

Note: The 1998 data are categorized using the ICD-9 coding system and 1999 data are categorized using the ICD-10 coding system.

*Alzheimer's disease was added to the list of rankable causes with the final mortality data for 1994.

**HIV infection was added to the list of rankable causes effective with the data year 1987. HIV dropped from being the 8th leading cause of death in 1996 to the 14th leading cause in 1997.

Table 18. Deaths by selected causes, residents: Utah, 1980 and 1985-1999

Cause of Death 10th Rev. International Classification of Diseases	Prior to 1999																
	Year 1999	ICD-9 Code	Year														
			1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Total	11,981		8,806	9,044	8,886	9,055	9,174	9,216	9,083	9,576	9,713	10,393	10,410	10,854	10,974	11,545	11,784
Septicemia (A40-A41)	119	038	31	61	43	79	79	55	67	90	91	104	94	95	86	82	88
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A850-A851, A858, A86-B04, B06-B09, B25-B49, B55-B99)	55	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	36	53	44	35	28	38	53	38	24	28	32	34	35	37	37
Human immunodeficiency virus (HIV) disease* (B20-B24)	29	042-044	--	--	--	37	39	43	58	72	72	93	93	99	64	25	17
Malignant neoplasms (C00-C97)	2,375	140-208	1,379	1,525	1,642	1,672	1,700	1,857	1,753	1,959	1,966	2,059	2,082	2,127	2,085	2,130	2,364
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	100	210-239	26	40	35	44	47	42	42	53	47	42	39	57	50	57	62
Diabetes mellitus (E10-E14)	170	250	170	213	226	204	217	308	287	323	355	336	338	416	420	431	466
Alzheimer's disease** (G30)	247	331.0	--	--	--	--	--	--	--	--	--	--	124	134	118	144	162
Diseases of heart (I00-I09,I11,I13,I20-I51)	2,761	390-398,402,404-429	2,870	3,076	2,935	2,947	2,955	2,712	2,708	2,749	2,718	2,901	2,790	2,843	2,827	2,995	2,870
Cerebrovascular diseases (I60-I69)	869	430-438	647	645	658	676	680	650	682	689	703	738	743	779	849	872	791
Atherosclerosis (I70)	69	440	102	81	69	72	77	84	77	72	70	103	91	74	74	66	73
Other diseases of arteries, arterioles and capillaries (I72-I78)	54	441-448	75	78	74	81	82	96	100	100	108	96	116	100	123	109	113
Pneumonia and influenza (J10-J18)	472	480-487	262	327	357	354	412	353	402	389	420	501	475	481	475	532	485
Chronic lower respiratory diseases (J40-J47)	559	490-496	243	348	352	382	382	392	364	428	415	411	441	468	458	440	481
Chronic liver disease and cirrhosis (K70, K73-K74)	134	571	101	95	92	74	78	98	105	83	103	108	87	103	87	114	116
Nephritis, nephrotic syndrome, and nephrosis (N00-N07,N17-N19, N25-N27)	54	580-589	71	86	80	87	89	93	106	106	116	109	98	95	115	134	113
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	125	740-759	143	105	103	114	121	122	132	96	92	111	121	116	135	121	123
Certain conditions originating in the perinatal period (P00-P96)	77	760-779	195	155	127	95	81	88	71	61	76	60	79	78	92	88	98
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified (R00-R99)	368	780-799	133	156	141	164	144	153	145	171	156	210	224	224	265	299	304
Motor vehicle accidents (V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820 -V821, V83-V86, V870-V878, V880-V888, V890,V892)	321	E810-E825	347	340	324	302	302	313	277	259	261	324	353	330	313	373	389
All other accidents and adverse effects:	309	E800-E807, E826-E949	295	249	232	251	262	234	224	204	213	243	227	239	274	306	310
Other land transport accidents (V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899)	42		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	18		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nontransport accidents (W00-X59, Y86)	249		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Intentional self-harm (suicide) (X60-X84, Y870)	282	E950-E959	190	216	241	237	229	212	265	282	262	264	289	283	288	297	336
Assault (homicide) (X85-Y09,Y871)	51	E960-E978	57	48	58	65	53	54	52	61	53	66	64	75	69	63	64
All other causes	2,374		1,433	1,147	1,053	1,083	1,117	1,219	1,113	1,291	1,392	1,486	1,410	1,604	1,672	1,830	1,922

Caution: Data prior to 1999 are categorized using the ICD-9 coding system and 1999 data are categorized using the ICD-10 coding system.

*HIV infection was added to the list of rankable causes effective with the data year 1987.

**Alzheimer's disease was added to the list of rankable causes with the final mortality data for 1994.

Table 19. Death rates by selected causes, residents: Utah, 1980 and 1985-1998

Note: This table was in the 1998 Utah's Vital Statistics: births and Deaths, 1998. See the preface for information on 1999 rates.

Cause of Death 9th Rev. International Classification of Diseases	ICD Code	Year															
		1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	
Total		597.4	550.5	534.3	539.6	542.8	540.2	525.3	539.5	533.1	557.0	543.3	554.0	548.0	563.5	565.7	
Septicemia	038	2.1	3.7	2.6	4.7	4.7	3.2	3.9	5.1	5.0	5.6	4.9	4.8	4.3	4.0	4.2	
All other infectious and parasitic diseases	001-003,005, 020-032,037, 039-041,046-054, 056-066,071-088, 098-139	2.4	3.2	2.6	2.1	1.7	2.2	3.1	2.1	1.3	1.5	1.7	1.7	1.7	1.8	1.8	
Human immunodeficiency virus infection*	042-044	--	--	--	2.2	2.3	2.5	3.4	4.1	4.0	5.0	4.9	5.1	3.2	1.2	0.8	
Malignant neoplasms	140-208	93.6	92.8	98.7	99.6	100.6	108.9	101.4	110.4	107.9	110.3	108.7	108.6	104.1	104.0	113.5	
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	1.8	2.4	2.1	2.6	2.8	2.5	2.4	3.0	2.6	2.3	2.0	2.9	2.5	2.8	3.0	
Diabetes mellitus	250	11.5	13.0	13.6	12.2	12.8	18.1	16.6	18.2	19.5	18.0	17.6	21.2	21.0	21.0	22.4	
Alzheimer's disease**	331.0	--	--	--	--	--	--	--	--	--	--	6.5	6.8	5.9	7.0	7.8	
Diseases of heart	390-398,402, 404-429	194.7	187.2	176.5	175.6	174.9	159.0	156.6	154.9	149.2	155.5	145.6	145.1	141.2	146.2	137.8	
Cerebrovascular diseases	430-438	43.9	39.3	39.6	40.3	40.2	38.1	39.4	38.8	38.6	39.5	38.8	39.8	42.4	42.6	38.0	
Atherosclerosis	440	6.9	4.9	4.1	4.3	4.6	4.9	4.5	4.1	3.8	5.5	4.7	3.8	3.7	3.2	3.5	
Other diseases of arteries, arterioles and capillaries	441-448	5.1	4.7	4.4	4.8	4.9	5.6	5.8	5.6	5.9	5.1	6.1	5.1	6.1	5.3	5.4	
Pneumonia and influenza	480-487	17.8	19.9	21.5	21.1	24.4	20.7	23.3	21.9	23.1	26.8	24.8	24.5	23.7	26.0	23.3	
Chronic obstructive pulmonary diseases and allied conditions	490-496	16.5	--	21.2	22.8	22.6	23.0	21.1	24.1	22.8	22.0	23.0	23.9	22.9	21.5	23.1	
Chronic liver disease and cirrhosis	571	6.9	5.8	5.5	4.4	4.6	5.7	6.1	4.7	5.7	5.8	4.5	5.3	4.3	5.6	5.6	
Nephritis, nephrotic syndrome, and nephrosis	580-589	4.8	5.2	4.8	5.2	5.3	5.5	6.1	6.0	6.4	5.8	5.1	4.8	5.7	6.5	5.4	
Congenital anomalies	740-759	9.7	6.4	6.2	6.8	7.2	7.2	7.6	5.4	5.0	5.9	6.3	5.9	6.7	5.9	5.9	
Certain conditions originating in the perinatal period	760-779	13.2	9.4	7.6	5.7	4.8	5.2	4.1	3.4	4.2	3.2	4.1	4.0	4.6	4.3	4.7	
Symptoms, signs, and ill-defined conditions	780-799	9.0	9.5	8.5	9.8	8.5	9.0	8.4	9.6	8.6	11.3	11.7	11.4	13.2	14.6	14.6	
Motor vehicle accidents	E810-E825	23.5	20.7	19.5	18.0	17.9	18.3	16.0	14.6	14.3	17.4	18.4	16.8	15.6	18.2	18.7	
All other accidents and adverse effects	E800-E807, E826-E949	20.0	15.2	14.0	15.0	15.5	13.7	13.0	11.5	11.7	13.0	11.8	12.2	13.7	14.9	14.9	
Suicide	E950-E959	12.9	13.1	14.5	14.1	13.6	12.4	15.3	15.9	14.4	14.1	15.1	14.4	14.4	14.5	16.1	
Homicide and legal intervention	E960-E978	3.9	2.9	3.5	3.9	3.1	3.2	3.0	3.4	2.9	3.5	3.3	3.8	3.4	3.1	3.1	
All other causes		97.2	69.8	63.3	64.5	66.1	71.5	64.4	72.7	76.4	79.6	73.6	81.9	83.5	89.3	92.3	

*HIV infection was added to the list of rankable causes effective with the data year 1987.

**Alzheimer's disease was added to the list of rankable causes with the final mortality data for 1994.

Table 20. Expected years of life and working years of life lost by selected underlying cause of death, residents: Utah, 1999

Cause of Death International Classification of Disease (Tenth Revision)	Expected years of life lost ¹						Working years of life lost ²					
	Total		Male ³		Female		Total		Male ³		Female	
	Years	Percent	Years	Percent	Years	Percent	Years	Percent	Years	Percent	Years	Percent
Total	200,908	100.0	114288	100	86620.0	100	71,661	100.0	47126	100	24535.0	100
Major cardiovascular diseases (I00-I78)	41,586	20.7	22087	19	19499.0	22.5	6,216	8.7	4335	9	1881.0	7.7
Malignant Neoplasms (C00-C97)	39044	19.4	19517	17	19527.0	22.5	10,527	14.7	5347	11	5180.0	21.1
Motor vehicle accidents (V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820 -V821, V83-V86, V870-V878, V880-V888, V890,V892)	10213	5.1	6796	6	3417.0	3.9	6,765	9.4	4637	10	2128.0	8.7
Non-motor vehicle accidents Other land transport accidents (V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899) Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85) Nontransport accidents (W00-X59, Y86)	13,405	6.7	9430	8	3975.0	4.6	8,166	11.4	6052	13	2114.0	8.6
Pneumonia and influenza (J10-J18)	3717	1.9	1712	2	2005.0	2.3	641	0.9	358	1	283.0	1.2
Conditions originating in the perinatal period and SIDS (P00-P96, R95)	7174	3.6	4338	4	2836.0	3.3	4,700	6.6	2900	6	1800.0	7.3
Suicide (X60-X84, Y87.0)	11,296	5.6	9723	9	1573.0	1.8	7,341	10.2	6440	14	901.0	3.7
Diabetes mellitus (E10-E14)	6,440	3.2	3060	3	3380.0	3.9	1,317	1.8	724	2	593.0	2.4
Congenital anomalies (Q00-Q99)	8,116	4.0	4598	4	3518.0	4.1	5,261	7.3	3052	7	2209.0	9
Chronic liver disease and Cirrhosis (K70, K73-K74)	3,134	1.6	2127	2	1007.0	1.2	1,220	1.7	917	2	303.0	1.2
Chronic lower respiratory diseases (J40-J47)	6612	3.3	3798	3.3	2814	3.2	563	0.8	369	0.8	194	0.8
Other causes	50172	25	27103	23.7	23069	26.6	18944	26.4	11995	25.5	6949	28.3

Note: Working years are defined as ages 15 to 65. Working years of life lost are calculated by computing the number of years between age at time of death and age 65 with no accounting for years before age 15. For example if a person dies at age 5, working years of life lost would be 50 years. Years of life lost is computed from the decennial life table 1979-1981 for Utah. Sex not stated is included in male. Ages not stated are not included.

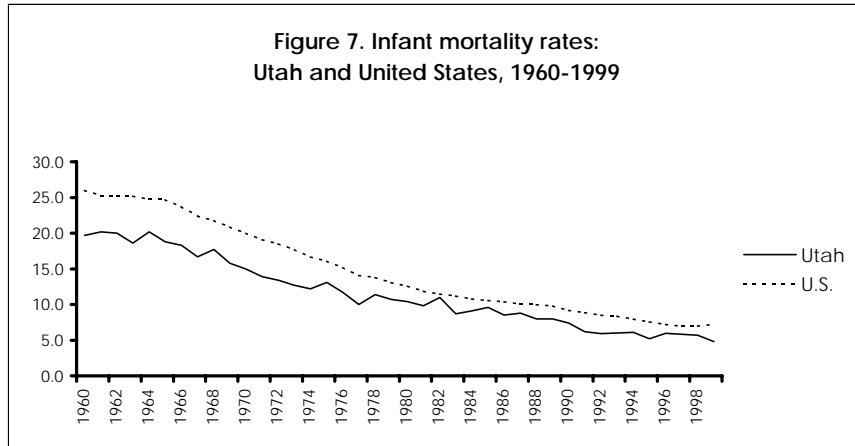


Table 21: Infant mortality rates by age at death, residents: Utah, 1960-1999

Year	Total Infant mortality rate ¹	Infant mortality rate at age of death			
		Under 1 day	1-6 days	1-4 weeks	1-11 months
1960	19.7	6.8	6.7	1.0	5.2
1961	20.2	7.7	6.2	1.1	5.2
1962	20.0	6.6	6.3	1.3	5.8
1963	18.6	6.8	4.9	1.2	5.7
1964	20.2	7.8	5.7	1.2	5.5
1965	18.8	7.4	5.2	0.9	5.3
1966	18.3	8.2	5.8	1.0	3.3
1967	16.7	6.8	4.5	1.2	4.2
1968	17.7	7.3	5.0	1.0	4.4
1969	15.8	6.0	4.3	1.2	4.3
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

Rate per 1,000 births.

*Data for 1999 are categorized using the ICD-10 code revision.

Table 22. Deaths by local health district and county of residence: Utah, 1980 and 1986-1999

District and county	Year															
	1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
Total	8,103	8,886	9,055	9,185	9,223	8,967	9,576	9,713	10,393	10,410	10,854	10,974	11,545	11,784	11,981	
Bear River	498	548	576	559	551	561	581	579	628	665	627	596	683	646	696	
Box Elder	191	229	225	230	227	208	213	221	253	270	250	236	272	258	267	
Cache	293	304	343	317	316	340	361	346	361	383	371	351	394	382	410	
Rich	14	15	8	12	8	13	7	12	14	12	6	9	17	6	19	
Central Utah	398	416	427	401	424	424	435	406	470	468	473	489	495	513	503	
Juab	49	35	61	39	59	43	58	56	55	77	51	51	59	66	56	
Millard	75	92	80	76	70	89	80	59	98	89	91	102	99	99	108	
Piute	19	19	15	14	18	12	17	11	12	22	12	14	17	24	9	
Sanpete	123	141	136	132	126	125	147	137	151	130	143	153	158	130	147	
Sevier	113	114	118	122	129	137	111	126	140	133	145	149	141	169	160	
Wayne	19	15	17	18	22	18	22	17	14	17	31	20	21	25	23	
Davis	531	657	668	657	697	667	730	755	782	817	828	858	912	1,044	1,022	
Salt Lake	3,594	3,792	3,930	3,980	3,979	3,847	4,089	4,077	4,395	4,417	4,583	4,736	4,802	4,817	4,962	
Southeastern	374	344	328	323	346	189	338	385	348	351	392	324	404	384	393	
Carbon	193	166	137	158	178		151	189	174	158	203	164	205	197	183	
Emery	68	66	69	59	70	65	59	62	39	67	72	54	80	56	78	
Grand	56	47	55	47	36	54	59	76	56	56	53	53	62	63	61	
San Juan	57	65	67	59	62	70	69	58	79	70	64	53	57	68	71	
Southwest	384	510	492	566	557	605	668	656	744	751	776	824	877	983	992	
Beaver	40	43	46	39	52	47	48	53	56	55	48	45	63	50	57	
Garfield	38	27	39	36	28	32	53	35	32	22	31	32	32	52	42	
Iron	101	111	91	130	98	107	120	114	141	133	149	144	168	184	170	
Kane	32	32	40	31	26	42	40	49	31	44	43	58	42	60	53	
Washington	173	297	276	330	353	377	407	405	484	497	505	545	572	637	670	
Summit	48	54	65	51	44	58	61	78	79	58	71	82	59	92	94	
Tooele	146	146	152	151	183	147	140	165	166	175	184	164	199	198	215	
Uintah Basin	204	216	213	224	178	193	207	220	207	229	245	251	270	232	248	
Daggett	2	3	1	6	2	4	7	3	2	7	3	3	6	6	2	
Duchesne	85	72	86	89	64	65	79	89	78	80	95	101	100	90	79	
Uintah	117	141	126	129	112	124	121	128	127	142	147	147	164	136	167	
Utah County	961	1,084	1,066	1,074	1,084	1,104	1,165	1,162	1,242	1,277	1,367	1,369	1,422	1,516	1,459	
Wasatch	64	74	65	70	69	63	59	72	64	63	87	77	80	75	77	
Weber-Morgan	901	1,045	1,073	1,129	1,111	1,109	1,103	1,158	1,268	1,139	1,221	1,204	1,342	1,284	1,320	
Morgan	27	17	30	34	34	34	36	25	39	26	32	31	34	24	29	
Weber	874	1,028	1,043	1,095	1,077	1,075	1,067	1,133	1,229	1,113	1,189	1,173	1,308	1,260	1,291	

Table 23. Deaths and percent of deaths by selected causes, Hispanic all races and Non-Hispanic, residents: Utah, 1999

Cause of Death 10th Rev. International Classification of Diseases	Hispanic all races		Non-Hispanic	
	Number	Percent	Number	Percent
Total	418	100.0	11,563	100.0
Septicemia (A40-A41)	5	1.2	114	1.0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A850-A851, A858, A86-B04, B06-B09, B25-B49, B55-B99)	4	1.0	51	0.4
Human immunodeficiency virus (HIV) disease* (B20-B24)	5	1.2	24	0.2
Malignant neoplasms C00-C97	68	16.3	2,307	20.0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	5	1.2	95	0.8
Diabetes mellitus (E10-E14)	18	4.3	152	1.3
Alzheimer's disease** (G30)	1	0.2	246	2.1
Diseases of heart (I00-I09,I11,I13,I20-I51)	66	15.8	2,695	23.3
Cerebrovascular diseases (I60-I69)	18	4.3	851	7.4
Atherosclerosis (I70)	2	0.5	67	0.6
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	0.2	53	0.5
Pneumonia and influenza (J10-J18)	13	3.1	459	4.0
Chronic lower respiratory diseases (J40-J47)	9	2.2	550	4.8
Chronic liver disease and cirrhosis (K70, K73-K74)	10	2.4	124	1.1
Nephritis, nephrotic syndrome, and nephrosis (N00-N07,N17-N19, N25-N27)	4	1.0	50	0.4
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	9	2.2	116	1.0
Certain conditions originating in the perinatal period (P00-P96)	10	2.4	67	0.6
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified (R00-R99)	15	3.6	353	3.1
Motor vehicle accidents (V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820 -V821, V83-V86, V870-V878, V880-V888, V890,V892)	46	11.0	275	2.4
All other accidents and adverse effects:	17	4.1	292	2.5
Other land transport accidents (V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899)	3	0.7	39	0.3
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0.0	18	0.2
Nontransport accidents (W00-X59, Y86)	14	3.3	235	2.0
Intentional self-harm (suicide) (X60-X84, Y870)	15	3.6	267	2.3
Assault (homicide) (X85-Y09, Y871)	14	3.3	44	0.4
All other causes	63	15.1	2,311	20.0

Note: Data prior to 1999 are categorized using the ICD-9 coding system and 1999 data are categorized using the ICD-10 coding system.

*HIV infection was added to the list of rankable causes effective with the data year 1987.

**Alzheimer's disease was added to the list of rankable causes with the final mortality data for 1994.

Table 24. Deaths and percent of deaths by age, Hispanic all races and Non-Hispanic origin, residents: Utah, 1999

Age at death	Hispanic all races		Non Hispanic	
	Number	Percent	Number	Percent
Total all ages	418	100.0	11,563	100.0
Under 1	27	6.5	195	1.7
1-4	6	1.4	43	0.4
5-14	6	1.4	50	0.4
15-24	24	5.7	277	2.4
25-34	41	9.8	266	2.3
35-44	51	12.2	499	4.3
45-54	45	10.8	742	6.4
55-64	42	10.0	981	8.5
65-74	54	12.9	1,983	17.1
75 and over	121	28.9	6,526	56.4
Unknown	1	0.2	1	0.0

Table 25. Deaths and death rates from injuries by type of violence, residents: Utah, 1998-1999 and United States, 1998

Type of violence ICD-10 Code	Utah					U.S.
	1999		ICD-9 Code Revision	1998		Rate
	Number	Rate		Number	Rate	
Accidents	1,129	53.2	E800-E949	699	33.6	36.2
Motor vehicle accidents (V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892)	321	15.1	E810-E825	389	18.7	16.1
Non-motor vehicle accidents:	309	14.6	E800-E807, E826-E949	310	14.9	20.1
Other land transport accidents (V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806- V809, V812-V819, V822-V829, V879, V889, V891, V893, V899)	42	2.0	--	--	--	--
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	18	0.8	--	--	--	--
Nontransport accidents (W00-X59, Y86)	249	11.7	--	--	--	--
Intentional self-harm (suicide) (X60-X84, Y870)	282	13.3	E950-E959	336	16.1	11.3
Assault (homicide) (X85-Y09, Y871)	58	2.7	E960-E978	64	3.1	6.8
All other external causes	159	7.5	E980-999	150	7.2	1.4

¹U.S. Source: National Center for Health Statistics; "Deaths: Final Data for 1998"; National Vital Statistics Report, Vol. 48, No. 11, Hyattsville, MD; July 24, 2000.

Rate per 100,000 population.

Table 26. Deaths due to suicide by age, gender and year, residents: Utah, 1980-1999

Year and gender	Age									
	Total	Under 15	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75 and over
1980 Total	190	0	11	29	45	31	29	19	14	12
Male	137	0	5	20	39	22	19	12	10	10
Female	53	0	6	9	6	9	10	7	4	2
1981 Total	196	3	17	26	41	34	29	26	16	4
Male	160	3	14	22	35	26	21	20	15	4
Female	36	0	3	4	6	8	8	6	1	0
1982 Total	203	1	15	28	59	27	22	28	14	9
Male	167	1	11	24	53	21	13	25	11	8
Female	36	0	4	4	6	6	9	3	3	1
¹	212	2	15	25	60	38	27	20	11	13
Male	171	2	12	21	49	30	18	19	6	13
Female	41	0	3	4	11	8	9	1	5	0
1984 Total	225	1	17	32	61	36	29	22	17	10
Male	180	1	14	23	50	25	22	19	16	10
Female	45	0	3	9	11	11	7	3	1	0
1985 Total	188	3	25	19	66	29		17	13	16
Male	167	2	20	15	50	18	22	15	11	14
Female	49	1	5	4	16	11	6	2	2	2
1986 Total	241	2	24	29	54	45	31	25	18	13
Male	192	1	22	27	36	35	26	18	14	13
Female	49	1	2	2	18	10	5	7	4	0
1987 Total	237	7	23	28	46	51	26	22	19	15
Male	190	7	18	21	40	41	20	17	13	13
Female	47	0	5	7	6	10	6	5	6	2
¹	229	6	27	21	51	38	32	23	16	14
Male	173	4	21	19	42	26	18	19	11	12
Female	56	2	6	2	9	12	14	4	5	2
1989 Total	212	5	18	20	33	35	27	28	25	21
Male	167	5	16	16	23	30	18	22	21	16
Female	45	0	2	4	10	5	9	6	4	5
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	288	4	36	30	66	63	36	14	20	19
Male	238	3	28	26	61	51	24	9	18	18
Female	50	1	8	4	5	12	12	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	336	8	31	37	75	65	49	34	14	22
Male	280	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

¹Age is unknown for one male in 1983, one male in 1988, and one male in 1999. These are included in the totals, but are not distributed.

Table 27. Pregnancies, pregnancy rates and populations by specific age-groups, residents: Utah, 1990-1999

District and county	Population projections ages 15 to 44	All Ages	Ages			
			Under 15	15 to 19		
				Total	15-17	18-19
1990 Pregnancies		40,601	73	4,667	1,497	3,170
Births		36,253	42	3,677	1,145	2,532
Fetal Deaths		189	0	20	8	12
Abortions		4,159	31	970	344	626
1990 Pregnancy rate*		102.6	0.8	60.8	33.8	97.5
1990 Population projections**	395,781		89,389	76,813	44,296	32,517
1991 Pregnancies		39,976	76	4,673	1,589	3,084
Births		36,019	44	3,822	1,274	2,548
Fetal Deaths		198	0	16	3	13
Abortions		3,759	32	835	312	523
1991 Pregnancy rate*		97.5	0.8	60.0	34.3	97.5
1991 Population projections**	410,106		93,024	77,937	46,313	31,624
1992 Pregnancies		40,967	83	4,597	1,608	2,989
Births		37,198	52	3,866	1,336	2,530
Fetal Deaths		244	0	25	9	16
Abortions		3,525	31	706	263	443
1992 Pregnancy rate*		96.8	0.9	55.8	32.4	91.2
1992 Population projections**	423,145		93,598	82,450	49,686	32,764
1993 Pregnancies		40,867	79	4,682	1,685	2,997
Births		37,048	45	3,938	1,395	2,543
Fetal Deaths		204	0	23	4	19
Abortions		3,615	34	721	286	435
1993 Pregnancy rate*		93.7	0.8	53.9	32.0	87.7
1993 Population projections**	436,287		94,060	86,805	52,647	34,158
1994 Pregnancies		41,777	70	4,716	1,715	3,001
Births		38,271	48	4,044	1,433	2,611
Fetal Deaths		202	0	19	8	11
Abortions		3,304	22	653	274	379
1994 Pregnancy rate*		92.6	0.7	51.6	31.1	82.9
1994 Population projections**	451,177		93,718	91,398	55,215	36,183
1995 Pregnancies		43,073	70	4,842	1,697	3,145
Births		39,554	57	4,219	1,488	2,731
Fetal Deaths		227	0	19	6	13
Abortions		3,292	13	604	203	401
1995 Pregnancy rate*		92.9	0.8	50.6	29.8	81.1
1995 Population projections**	463,847		92,055	95,756	56,955	38,801
1996 Pregnancies		45,591	63	5,104	1,671	3,433
Births		42,056	45	4,429	1,460	2,969
Fetal Deaths		242	0	23	8	15
Abortions		3,293	18	652	203	449
1996 Pregnancy rate*		95.8	0.7	51.3	28.7	83.2
1996 Population projections**	475,709		90,125	99,538	58,288	41,250
1997 Pregnancies		46,360	78	5,083	1,643	3,440
Births		43,009	56	4,494	1,439	3,055
Fetal Deaths		211	1	14	6	8
Abortions		3,140	21	575	198	377
1997 Pregnancy rate*		95.3	0.9	50.8	28.3	81.5
1997 Population projections**	486,592		89,324	100,155	57,961	42,194
1998 Pregnancies		48,566	70	4,936	1,537	3,399
Births		45,128	52	4,385	1,355	3,030
Fetal Deaths		202	0	17	5	12
Abortions		3,236	18	534	177	357
1998 Pregnancy rate*		98.6	0.8	49.2	27.0	78.4
1998 Population projections**	492,370		87,814	100,343	57,010	43,333
1999 Pregnancies		49,618	55	4,848	1,542	3,306
Births		46,243	43	4,245	1,339	2,906
Fetal Deaths		215	0	21	5	16
Abortions		3,160	12	582	198	384
1999 Pregnancy rate*		99.6	0.6	48.6	27.9	74.4
1999 Population projections**	498,067		87,676	99,667	55,210	44,457

*Rates are per 1,000 age-group population.

**Age-specific population projections are from the Demographic and Economic Analysis section of the Governor's Office of Planning and Budget for January 28, 2000 - http://www.qget.state.ut.us/projections/Downloads/DownloadArea/SYA_Files/

Note: "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, since they are not reportable vital events.



1999 Reference Tables:

Births and Deaths



Table A1. Births by health district, county of occurrence, gender, attendant and hospital delivery: Utah, 1999

District and county	Gender			Attended by			
	Total	Male	Female	Physician	Midwife	Certified nurse midwife	Hospital delivery
Total	47,261	24,426	22,832	42,889	589	3,585	46,165
Bear River	2,924	1,515	1,409	2,816	32	69	2,886
Box Elder	584	291	293	553	12	17	570
Cache	2,340	1,224	1,116	2,263	20	52	2,316
Rich	0	0	0	0	0	0	0
Central Utah	922	489	433	833	21	61	894
Juab	101	57	44	89	11	0	89
Millard	162	77	85	157	5	0	157
Piute	0	0	0	0	0	0	0
Sanpete	397	212	185	390	4	0	390
Sevier	262	143	119	197	1	61	258
Wayne	0	0	0	0	0	0	0
Davis	2,758	1,457	1,301	2,490	14	236	2,737
Salt Lake	20,608	10,575	10,031	18,652	235	1,609	20,243
Southeastern	628	320	308	620	4	0	621
Carbon	378	200	178	375	2	0	375
Emery	3	1	2	0	1	0	0
Grand	102	48	54	101	1	0	101
San Juan	145	71	74	144	0	0	145
Southwest	3,296	1,738	1,558	2,708	123	446	2,841
Beaver	135	72	63	134	0	0	134
Garfield	41	23	18	37	1	3	40
Iron	677	367	310	514	31	130	644
Kane	51	27	24	47	2	0	47
Washington	2,392	1,249	1,143	1,976	89	313	1,976
Summit	6	3	3	2	3	0	0
Tooele	193	97	96	130	1	59	191
Tri-County	707	344	363	590	10	107	705
Daggett	0	0	0	0	0	0	0
Duchesne	396	189	207	297	1	98	395
Uintah	311	155	156	293	9	9	310
Utah County	10,062	5,177	4,885	9,270	124	647	9,918
Wasatch	160	86	74	156	2	0	156
Weber-Morgan	4,997	2,625	2,371	4,622	20	351	4,973
Morgan	0	0	0	0	0	0	0
Weber	4,997	2,625	2,371	4,622	20	351	4,973

There are two births to Salt Lake County residents and one birth to a Weber County resident where the births occurred in Utah and the sex is unknown. These births are included in the totals.

Table A2. Births by health district, county of residence of mother, gender, number born and birth order: Utah, 1999

District and county	Total	Gender		Single and multiple		Birth order						Not stated
		Male	Female	Single	Multiple	First	Second	Third	Fourth	Fifth	Sixth and higher	
Total	46,243	23,905	22,335	44,967	1,276	16,847	13,299	8,199	4,295	1,834	1,549	220
Bear River	2,959	1,538	1,421	2,901	58	1,110	800	544	288	115	100	2
Box Elder	784	408	376	770	14	259	219	150	76	37	42	1
Cache	2,150	1,116	1,034	2,106	44	846	579	390	204	75	55	1
Rich	25	14	11	25	0	5	2	4	8	3	3	0
Central Utah	1,158	603	555	1,125	33	347	296	215	148	71	77	4
Juab	172	86	86	168	4	43	45	36	23	7	18	0
Millard	180	83	97	177	3	44	47	33	26	15	15	0
Piute	25	12	13	21	4	8	5	4	4	3	1	0
Sanpete	403	215	188	391	12	132	100	69	46	27	26	3
Sevier	333	179	154	323	10	107	85	64	43	18	15	1
Wayne	45	28	17	45	0	13	14	9	6	1	2	0
Davis	4,781	2,509	2,272	4,641	140	1,635	1,410	967	446	173	134	16
Salt Lake	17,620	9,039	8,579	17,136	484	6,700	5,324	3,035	1,455	581	487	38
Southeastern	855	439	416	832	23	305	250	141	80	41	37	1
Carbon	324	168	156	312	12	135	100	55	21	8	5	0
Emery	156	84	72	153	3	47	51	22	16	9	11	0
Grand	117	54	63	115	2	46	36	16	12	3	4	0
San Juan	258	133	125	252	6	77	63	48	31	21	17	1
Southwest	2,829	1,479	1,350	2,754	75	996	736	474	305	150	162	6
Beaver	135	69	66	133	2	36	37	30	18	4	6	4
Garfield	70	35	35	70	0	23	18	13	8	5	2	1
Iron	752	404	348	730	22	307	191	98	82	41	33	0
Kane	75	38	37	75	0	20	22	16	10	3	4	0
Washington	1,797	933	864	1,746	51	610	468	317	187	97	117	1
Summit	436	214	222	421	15	172	134	69	38	11	10	2
Tooele	905	457	448	870	35	289	288	180	94	24	29	1
Tri-County	736	365	371	716	20	243	232	129	71	29	26	6
Daggett	16	9	7	14	2	6	4	1	3	1	1	0
Duchesne	296	150	146	286	10	87	101	54	31	10	9	4
Uintah	424	206	218	416	8	150	127	74	37	18	16	2
Utah County	9,807	5,076	4,731	9,525	282	3,554	2,570	1,689	1,005	488	368	133
Wasatch	272	147	125	268	4	101	71	48	30	9	13	0
Weber-Morgan	3,885	2,039	1,845	3,778	107	1,395	1,188	708	335	142	106	11
Morgan	85	45	40	83	2	21	15	19	14	7	9	0
Weber	3,800	1,994	1,805	3,695	105	1,374	1,173	689	321	135	97	11

There are two births to Salt Lake County residents and one birth to a Weber County resident where sex is unknown. These births are included in the resident totals.

Table A3. Births by health district, county of residence of mother and month of occurrence: Utah, 1999

District and County	Total	Month of occurrence											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	46,243	3,518	3,497	3,935	3,826	4,105	4,169	4,120	4,013	3,960	3,729	3,607	3,764
Bear River	2,959	236	214	257	220	281	285	254	251	249	244	222	246
Box Elder	784	61	54	74	47	71	84	77	65	60	64	59	68
Cache	2,150	172	160	176	173	209	197	173	186	187	179	161	177
Rich	25	3	0	7	0	1	4	4	0	2	1	2	1
Central Utah	1,158	106	77	106	103	79	110	100	94	89	107	97	90
Juab	172	14	13	17	10	10	16	16	21	15	15	14	11
Millard	180	20	7	15	16	11	17	6	19	12	23	22	12
Piute	25	0	1	1	2	2	4	2	2	0	2	2	7
Sanpete	403	35	26	43	29	32	34	38	27	31	39	34	35
Sevier	333	33	26	26	38	23	36	33	21	28	25	22	22
Wayne	45	4	4	4	8	1	3	5	4	3	3	3	3
Davis	4,781	346	391	403	402	441	438	441	405	367	388	378	381
Salt Lake	17,620	1,367	1,316	1,499	1,431	1,553	1,560	1,559	1,514	1,569	1,460	1,349	1,443
Southeastern	855	68	66	60	62	89	62	98	83	64	73	65	65
Carbon	324	24	23	26	26	30	29	30	26	26	24	24	36
Emery	156	15	15	11	5	21	7	23	14	9	17	15	4
Grand	117	5	9	3	9	16	9	13	14	12	9	10	8
San Juan	258	24	19	20	22	22	17	32	29	17	23	16	17
Southwest	2,829	190	221	228	230	255	275	253	252	238	224	220	243
Beaver	135	10	4	7	12	10	18	18	7	16	11	13	9
Garfield	70	3	7	7	7	11	4	9	1	5	6	5	5
Iron	752	54	57	63	58	66	79	55	71	65	63	63	58
Kane	75	5	5	10	7	11	8	6	9	5	2	2	5
Washington	1,797	118	148	141	146	157	166	165	164	147	142	137	166
Summit	436	30	31	50	29	42	35	34	35	32	39	44	35
Tooele	905	56	80	74	88	80	67	77	81	86	63	72	81
Tri-County	736	61	59	78	53	75	62	70	67	46	49	61	55
Daggett	16	6	1	0	1	1	0	2	2	0	1	1	1
Duchesne	296	18	30	32	24	37	26	24	29	14	19	21	22
Uintah	424	37	28	46	28	37	36	44	36	32	29	39	32
Utah County	9,807	721	729	823	870	841	893	839	877	849	789	780	796
Wasatch	272	25	14	24	26	25	22	25	24	15	20	32	20
Weber-Morgan	3,885	312	299	333	312	344	360	370	330	356	273	287	309
Morgan	85	6	4	6	7	13	6	8	13	9	6	3	4
Weber	3,800	306	295	327	305	331	354	362	317	347	267	284	305

Table A4. Births by health district, county of residence and age of mother: Utah, 1999

District and county	Total	Age										Not stated
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	
			Total	15-17	18-19							
Total	46,243	43	4,245	1,339	2,906	15,153	14,394	8,344	3,371	633	54	6
Bear River	2,959	1	244	88	156	1,061	949	462	205	29	5	3
Box Elder	784	0	94	36	58	270	233	118	59	9	1	0
Cache	2,150	1	147	50	97	787	708	338	142	20	4	3
Rich	25	0	3	2	1	4	8	6	4	0	0	0
Central Utah	1,158	1	154	57	97	411	303	178	93	15	3	0
Juab	172	0	16	5	11	52	51	33	16	3	1	0
Millard	180	1	19	11	8	57	52	29	20	0	2	0
Piute	25	0	0	0	0	10	6	7	2	0	0	0
Sanpete	403	0	62	20	42	147	100	54	33	7	0	0
Sevier	333	0	51	20	31	133	77	47	20	5	0	0
Wayne	45	0	6	1	5	12	17	8	2	0	0	0
Davis	4,781	0	340	94	246	1,463	1,603	962	354	56	3	0
Salt Lake	17,620	22	1,728	568	1,160	5,252	5,483	3,469	1,354	293	18	1
Southeastern	855	0	129	36	93	324	224	113	51	11	1	2
Carbon	324	0	64	17	47	145	61	36	14	4	0	0
Emery	156	0	15	4	11	66	48	17	6	3	1	0
Grand	117	0	17	5	12	36	38	16	7	2	0	1
San Juan	258	0	33	10	23	77	77	44	24	2	0	1
Southwest	2,829	2	306	92	214	1,069	791	430	192	36	3	0
Beaver	135	0	15	5	10	56	35	19	10	0	0	0
Garfield	70	0	8	2	6	30	19	11	1	1	0	0
Iron	752	1	73	20	53	320	196	106	45	10	1	0
Kane	75	0	13	5	8	27	19	12	2	2	0	0
Washington	1,797	1	197	60	137	636	522	282	134	23	2	0
Summit	436	0	31	8	23	96	98	123	78	10	0	0
Tooele	905	0	92	24	68	318	285	155	47	8	0	0
Tri-County	736	2	108	33	75	273	214	93	34	9	3	0
Daggett	16	0	1	0	1	5	4	0	6	0	0	0
Duchesne	296	1	46	12	34	104	94	36	8	5	2	0
Uintah	424	1	61	21	40	164	116	57	20	4	1	0
Utah County	9,807	5	626	168	458	3,494	3,172	1,703	676	117	14	0
Wasatch	272	1	23	6	17	72	87	55	28	6	0	0
Weber-Morgan	3,885	9	464	165	299	1,320	1,185	601	259	43	4	0
Morgan	85	0	9	5	4	18	21	21	13	3	0	0
Weber	3,800	9	455	160	295	1,302	1,164	580	246	40	4	0

Table A5. Births by health district, county of residence and race of mother: Utah, 1999

District and county	Total	Race of mother						Other races	Not stated
		White	Hispanic all races	Black	Native American	Asian and Pacific Islander			
Total	46,243	38,417	5,455	250	596	1,361	9	155	
Bear River	2,959	2,633	246	7	23	48	0	2	
Box Elder	784	700	69	0	8	5	0	2	
Cache	2,150	1,909	176	7	15	43	0	0	
Rich	25	24	1	0	0	0	0	0	
Central Utah	1,158	1,051	81	1	15	8	0	2	
Juab	172	163	6	0	0	2	0	1	
Millard	180	159	15	0	5	1	0	0	
Piute	25	24	1	0	0	0	0	0	
Sanpete	403	346	50	1	2	3	0	1	
Sevier	333	315	9	0	7	2	0	0	
Wayne	45	44	0	0	1	0	0	0	
Davis	4,781	4,332	293	30	20	91	1	14	
Salt Lake	17,620	13,579	2,806	149	151	899	4	32	
Southeastern	855	614	77	0	162	2	0	0	
Carbon	324	286	36	0	1	1	0	0	
Emery	156	136	18	0	1	1	0	0	
Grand	117	94	7	0	16	0	0	0	
San Juan	258	98	16	0	144	0	0	0	
Southwest	2,829	2,537	184	2	78	27	1	0	
Beaver	135	124	8	0	1	2	0	0	
Garfield	70	64	2	0	3	1	0	0	
Iron	752	674	44	0	26	8	0	0	
Kane	75	73	1	0	1	0	0	0	
Washington	1,797	1,602	129	2	47	16	1	0	
Summit	436	343	90	0	0	3	0	0	
Tooele	905	763	128	0	5	6	0	3	
Tri-County	736	654	29	0	50	3	0	0	
Daggett	16	16	0	0	0	0	0	0	
Duchesne	296	273	9	0	12	2	0	0	
Uintah	424	365	20	0	38	1	0	0	
Utah County	9,807	8,621	815	15	55	210	3	88	
Wasatch	272	244	22	0	2	2	0	2	
Weber-Morgan	3,885	3,046	684	46	35	62	0	12	
Morgan	85	81	2	0	0	1	0	1	
Weber	3,800	2,965	682	46	35	61	0	11	

Table A6. Births by health district, county of residence of mother and birthweight of infant: Utah, 1999

District and county	Total	Birthweight in grams									Un-known
		Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	
Total	46,243	320	293	565	2,044	8,266	18,733	12,585	2,999	399	39
Bear River	2,959	38	8	29	100	490	1,204	853	214	19	4
Box Elder	784	6	4	5	30	134	319	218	63	5	0
Cache	2,150	29	4	23	70	351	875	631	149	14	4
Rich	25	3	0	1	0	5	10	4	2	0	0
Central Utah	1,158	11	5	12	66	235	463	303	44	13	6
Juab	172	4	0	0	7	33	68	50	6	4	0
Millard	180	0	1	0	7	29	71	57	9	1	5
Piute	25	0	0	1	4	4	6	9	1	0	0
Sanpete	403	2	2	8	21	97	155	99	13	6	0
Sevier	333	5	2	3	25	66	142	73	14	2	1
Wayne	45	0	0	0	2	6	21	15	1	0	0
Davis	4,781	27	37	48	207	895	2,005	1,245	291	25	1
Salt Lake	17,620	108	119	246	841	3,167	6,932	4,873	1,147	174	13
Southeastern	855	39	5	7	38	181	350	173	55	7	0
Carbon	324	0	3	4	17	77	137	68	16	2	0
Emery	156	5	1	2	4	42	62	29	11	0	0
Grand	117	17	0	0	4	14	50	22	8	2	0
San Juan	258	17	1	1	13	48	101	54	20	3	0
Southwest	2,829	14	11	42	128	509	1,212	733	157	20	3
Beaver	135	0	1	0	7	28	66	30	3	0	0
Garfield	70	0	0	0	4	13	35	15	3	0	0
Iron	752	4	5	10	45	151	303	195	33	5	1
Kane	75	0	1	1	4	16	31	15	6	1	0
Washington	1,797	10	4	31	68	301	777	478	112	14	2
Summit	436	2	5	3	20	95	180	103	25	1	2
Tooele	905	6	7	6	48	167	374	233	54	10	0
Tri-County	736	6	5	12	43	157	326	145	38	3	1
Daggett	16	0	1	0	1	4	6	3	1	0	0
Duchesne	296	0	2	5	17	63	137	53	17	2	0
Uintah	424	6	2	7	25	90	183	89	20	1	1
Utah County	9,807	42	58	104	366	1,537	3,923	2,909	761	98	9
Wasatch	272	4	2	3	15	54	105	71	16	2	0
Weber-Morgan	3,885	23	31	53	172	779	1,659	944	197	27	0
Morgan	85	0	0	3	4	14	36	23	5	0	0
Weber	3,800	23	31	50	168	765	1,623	921	192	27	0

Table A7. Births by month prenatal care began by number of prenatal visits, residents: Utah, 1999

Month care began	Number of prenatal visits								
	Total	None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
Total	46,243	204	3,786	16,088	21,335	1,896	315	13	2,606
None	206	201	0	0	2	0	0	0	3
1	989	0	25	146	652	124	28	2	12
2	20,954	0	440	6,173	12,596	1,317	215	8	205
3	13,474	0	635	5,838	6,440	376	58	0	127
4	3,502	0	423	1,867	1,113	54	9	1	35
5	2,004	0	547	1,079	330	14	3	0	31
6	1,102	0	458	525	96	4	1	0	18
7	835	0	490	297	32	1	0	1	14
8	703	0	554	109	20	0	0	1	19
9	200	0	181	6	5	0	0	0	8
Not stated	2,274	3	33	48	49	6	1	0	2,134

Table A8. Births by health district, county of residence of mother and month prenatal care began: Utah, 1999

District and county	Total	Month prenatal care began										Not stated
		None	1	2	3	4	5	6	7	8	9	
Total	46,243	206	989	20,954	13,474	3,502	2,004	1,102	835	703	200	2,274
Bear River	2,959	12	115	1,415	982	196	88	47	41	23	6	34
Box Elder	784	4	39	362	205	81	37	12	19	13	2	10
Cache	2,150	7	75	1,044	767	114	50	35	21	10	4	23
Rich	25	1	1	9	10	1	1	0	1	0	0	1
Central Utah	1,158	5	45	481	335	140	59	39	18	12	3	21
Juab	172	1	7	70	60	19	7	4	0	1	0	3
Millard	180	0	4	64	66	22	11	5	2	2	0	4
Piute	25	0	0	10	2	4	4	2	0	0	0	3
Sanpete	403	3	5	188	96	52	19	15	9	6	3	7
Sevier	333	1	27	134	89	39	17	12	7	3	0	4
Wayne	45	0	2	15	22	4	1	1	0	0	0	0
Davis	4,781	3	118	2,395	1,299	260	175	106	65	75	15	270
Salt Lake	17,620	109	324	7,709	5,027	1,314	857	476	356	333	91	1,024
Southeastern	855	7	36	296	248	105	52	28	26	19	7	31
Carbon	324	0	13	111	116	35	15	9	7	8	3	7
Emery	156	0	2	53	54	24	9	4	3	3	2	2
Grand	117	2	9	37	26	18	6	6	2	4	0	7
San Juan	258	5	12	95	52	28	22	9	14	4	2	15
Southwest	2,829	38	85	1,281	725	314	159	69	69	26	6	57
Beaver	135	0	9	55	34	10	8	3	3	2	1	10
Garfield	70	0	2	29	20	8	5	1	2	2	0	1
Iron	752	2	52	407	169	64	21	14	10	4	1	8
Kane	75	1	2	34	24	5	3	0	6	0	0	0
Washington	1,797	35	20	756	478	227	122	51	48	18	4	38
Summit	436	3	7	199	98	40	18	14	12	7	1	37
Tooele	905	4	38	432	226	40	29	27	22	10	9	68
Tri-County	736	0	12	401	162	62	46	21	7	7	6	12
Daggett	16	0	0	8	5	0	2	0	0	0	0	1
Duchesne	296	0	7	171	55	22	20	8	3	1	2	7
Uintah	424	0	5	222	102	40	24	13	4	6	4	4
Utah County	9,807	10	118	4,311	3,315	709	338	165	135	112	34	560
Wasatch	272	1	15	110	77	32	8	7	2	4	0	16
Weber-Morgan	3,885	14	76	1,924	980	290	175	103	82	75	22	144
Morgan	85	0	1	45	25	4	2	0	1	1	1	5
Weber	3,800	14	75	1,879	955	286	173	103	81	74	21	139

Table A9. Births by health district, county of residence of mother and number of prenatal visits: Utah, 1999

District and county	Total	Number of prenatal visits							Not stated
		None	1-5	6-9	10-14	15-18	19-27	28 and over	
Total	46,243	204	3,786	16,088	21,335	1,896	315	13	2,606
Bear River	2,959	12	85	494	2,106	211	19	0	32
Box Elder	784	4	36	204	449	79	3	0	9
Cache	2,150	7	48	281	1,645	131	16	0	22
Rich	25	1	1	9	12	1	0	0	1
Central Utah	1,158	5	110	450	515	45	6	0	27
Juab	172	1	11	80	69	5	0	0	6
Millard	180	0	10	53	105	8	1	0	3
Piute	25	0	4	10	7	1	0	0	3
Sanpete	403	3	47	129	197	15	1	0	11
Sevier	333	1	37	156	118	14	3	0	4
Wayne	45	0	1	22	19	2	1	0	0
Davis	4,781	2	298	1,865	2,058	246	45	2	265
Salt Lake	17,620	110	1,887	5,963	7,421	790	139	6	1,304
Southeastern	855	3	94	339	369	16	5	0	29
Carbon	324	0	28	134	148	1	1	0	12
Emery	156	0	16	79	59	0	0	0	2
Grand	117	0	12	29	62	7	2	0	5
San Juan	258	3	38	97	100	8	2	0	10
Southwest	2,829	38	306	1,150	1,163	101	9	0	62
Beaver	135	0	13	34	76	8	1	0	3
Garfield	70	0	10	16	36	6	0	0	2
Iron	752	2	40	197	456	37	3	0	17
Kane	75	1	8	34	29	2	1	0	0
Washington	1,797	35	235	869	566	48	4	0	40
Summit	436	3	51	138	180	22	4	0	38
Tooele	905	4	58	307	410	41	11	1	73
Uintah Basin	736	0	37	219	394	50	21	1	14
Daggett	16	0	1	6	8	0	0	0	1
Duchesne	296	0	10	65	173	30	11	0	7
Uintah	424	0	26	148	213	20	10	1	6
Utah County	9,807	12	540	3,648	4,793	161	24	3	626
Wasatch	272	1	17	90	130	18	2	0	14
Weber-Morgan	3,885	14	303	1,425	1,796	195	30	0	122
Morgan	85	0	4	41	35	0	0	0	5
Weber	3,800	14	299	1,384	1,761	195	30	0	117

Table A10. Births by race of mother, birth order of infant and age of mother, residents: Utah, 1999

Race of mother and birth order of infant	Total	Age of mother										Not stated
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	
			Total	15-17	18-19							
Total	46,243	43	4,245	1,339	2,906	15,153	14,394	8,344	3,371	633	54	6
First	16,847	43	3,414	1,218	2,196	7,920	3,803	1,201	393	68	2	3
Second	13,299	0	725	109	616	5,142	4,881	1,911	543	91	5	1
Third	8,199	0	83	7	76	1,619	3,583	2,202	618	91	3	0
Fourth	4,295	0	4	0	4	320	1,509	1,692	661	99	8	2
Fifth	1,834	0	0	0	0	63	372	800	511	83	5	0
Sixth or more	1,549	0	2	0	2	28	178	492	624	194	31	0
Not stated	220	0	17	5	12	61	68	46	21	7	0	0
White	38,417	20	3,060	884	2,176	12,684	12,201	7,040	2,834	529	45	4
First	14,066	20	2,509	821	1,688	6,897	3,244	1,003	333	55	2	3
Second	10,951	0	486	57	429	4,216	4,177	1,540	452	76	4	0
Third	6,781	0	46	2	44	1,236	3,051	1,864	508	73	3	0
Fourth	3,650	0	2	0	2	222	1,264	1,515	558	82	6	1
Fifth	1,510	0	0	0	0	42	284	683	434	65	2	0
Sixth or more	1,275	0	2	0	2	22	120	395	536	172	28	0
Not stated	184	0	15	4	11	49	61	40	13	6	0	0
Hispanic all races	5,455	18	915	373	542	1,835	1,482	837	309	53	5	1
First	1,944	18	699	326	373	746	342	105	29	5	0	0
Second	1,652	0	184	42	142	707	474	234	47	6	0	0
Third	1,036	0	29	5	24	283	399	241	73	11	0	0
Fourth	447	0	2	0	2	69	171	129	64	9	2	1
Fifth	204	0	0	0	0	17	54	70	48	13	2	0
Sixth or more	148	0	0	0	0	5	37	55	42	8	1	0
Not stated	24	0	1	0	1	8	5	3	6	1	0	0
Black	250	2	48	17	31	81	61	29	27	2	0	0
First	101	2	37	15	22	31	16	8	6	1	0	0
Second	74	0	8	1	7	29	23	8	6	0	0	0
Third	34	0	2	0	2	12	11	4	5	0	0	0
Fourth	19	0	0	0	0	7	5	2	5	0	0	0
Fifth	8	0	0	0	0	1	3	2	2	0	0	0
Sixth or more	13	0	0	0	0	1	3	5	3	1	0	0
Not stated	1	0	1	1	0	0	0	0	0	0	0	0
Native American	596	1	105	38	67	200	159	75	44	11	0	1
First	184	1	78	35	43	74	24	2	3	2	0	0
Second	167	0	25	3	22	72	52	13	4	0	0	1
Third	102	0	2	0	2	37	37	20	5	1	0	0
Fourth	59	0	0	0	0	12	26	10	9	2	0	0
Fifth	43	0	0	0	0	2	13	18	8	2	0	0
Sixth or more	38	0	0	0	0	0	7	12	15	4	0	0
Not stated	3	0	0	0	0	3	0	0	0	0	0	0
Asian and Pacific Islander	1,361	2	102	24	78	319	439	327	138	31	3	0
First	510	2	80	19	61	157	166	79	21	5	0	0
Second	409	0	18	5	13	106	134	109	33	8	1	0
Third	210	0	4	0	4	46	73	60	22	5	0	0
Fourth	106	0	0	0	0	9	37	33	23	4	0	0
Fifth	59	0	0	0	0	1	17	23	14	3	1	0
Sixth or more	62	0	0	0	0	0	11	20	24	6	1	0
Not stated	5	0	0	0	0	0	1	3	1	0	0	0
Other races	9	0	2	0	2	3	2	1	1	0	0	0
First	4	0	1	0	1	1	0	1	1	0	0	0
Second	4	0	1	0	1	1	2	0	0	0	0	0
Third	1	0	0	0	0	1	0	0	0	0	0	0
Fourth	0	0	0	0	0	0	0	0	0	0	0	0
Fifth	0	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	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	155	0	13	3	10	31	50	35	18	7	1	0
First	38	0	10	2	8	14	11	3	0	0	0	0
Second	42	0	3	1	2	11	19	7	1	1	0	0
Third	35	0	0	0	0	4	12	13	5	1	0	0
Fourth	14	0	0	0	0	1	6	3	2	2	0	0
Fifth	10	0	0	0	0	0	1	4	5	0	0	0
Sixth or more	13	0	0	0	0	0	0	5	4	3	1	0
Not stated	3	0	0	0	0	1	1	0	1	0	0	0

Table A11. Births by race and age of mother and month prenatal care began, residents: Utah, 1999

Mothers race and age	Total	Month prenatal care began										Not stated
		None	1	2	3	4	5	6	7	8	9	
Total	46,243	206	989	20,954	13,474	3,502	2,004	1,102	835	703	200	2,274
Under 15	43	0	0	4	14	11	7	1	2	3	0	1
Total 15-19	4,245	40	61	1,436	1,123	538	366	203	135	115	35	193
15-17	1,339	21	10	392	349	208	144	73	45	37	8	52
18-19	2,906	19	51	1,044	774	330	222	130	90	78	27	141
20-24	15,153	75	357	6,932	4,253	1,134	681	379	304	237	68	733
25-29	14,394	48	323	6,838	4,334	912	486	270	212	206	61	704
30-34	8,344	19	176	3,954	2,525	577	281	162	125	94	26	405
35-39	3,371	19	61	1,479	1,041	264	150	70	49	36	7	195
40-44	633	4	10	287	167	62	29	14	7	11	3	39
45 and over	54	1	0	21	16	4	4	2	1	1	0	4
Not stated	6	0	1	3	1	0	0	1	0	0	0	0
White	38,417	115	847	18,454	11,472	2,583	1,318	719	517	467	121	1,804
Under 15	20	0	0	3	5	5	2	1	2	1	0	1
Total 15-19	3,060	24	48	1,129	846	353	226	133	80	68	19	134
15-17	884	11	10	288	254	118	77	49	23	20	5	29
18-19	2,176	13	38	841	592	235	149	84	57	48	14	105
20-24	12,684	39	321	6,158	3,658	845	452	244	197	160	42	568
25-29	12,201	31	278	6,090	3,728	686	325	165	136	145	42	575
30-34	7,040	7	142	3,489	2,184	439	181	114	70	63	11	340
35-39	2,834	10	52	1,314	898	201	104	49	29	21	4	152
40-44	529	3	6	250	139	51	25	11	3	8	3	30
45 and over	45	1	0	19	13	3	3	1	0	1	0	4
Not stated	4	0	0	2	1	0	0	1	0	0	0	0
Hispanic all races	5,455	60	95	1,705	1,444	665	483	275	216	150	50	312
Under 15	18	0	0	1	7	3	5	0	0	2	0	0
Total 15-19	915	14	8	253	213	140	111	53	40	30	11	42
15-17	373	9	0	92	79	70	57	16	14	15	3	18
18-19	542	5	8	161	134	70	54	37	26	15	8	24
20-24	1,835	25	28	574	465	218	161	97	78	53	16	120
25-29	1,482	9	30	482	417	168	111	77	53	39	13	83
30-34	837	8	23	295	231	96	60	32	32	12	8	40
35-39	309	3	4	81	94	34	30	13	12	13	2	23
40-44	53	1	2	17	17	5	4	2	0	1	0	4
45 and over	5	0	0	1	0	1	1	1	1	0	0	0
Not stated	1	0	0	1	0	0	0	0	0	0	0	0
Black	250	2	9	86	49	33	21	7	8	9	6	20
Under 15	2	0	0	0	0	2	0	0	0	0	0	0
Total 15-19	48	1	3	11	9	8	4	2	1	3	2	4
15-17	17	1	0	4	5	5	0	1	0	0	0	1
18-19	31	0	3	7	4	3	4	1	1	3	2	3
20-24	81	0	1	27	15	9	12	3	2	3	2	7
25-29	61	1	1	25	15	6	1	1	2	3	1	5
30-34	29	0	2	14	4	2	3	1	1	0	1	1
35-39	27	0	2	9	6	5	1	0	1	0	0	3
40-44	2	0	0	0	0	1	0	0	1	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	596	10	15	152	138	85	67	32	34	20	6	37
Under 15	1	0	0	0	1	0	0	0	0	0	0	0
Total 15-19	105	1	0	18	30	15	15	6	6	4	2	8
15-17	38	0	0	4	9	8	8	3	3	1	0	2
18-19	67	1	0	14	21	7	7	3	3	3	2	6
20-24	200	3	4	53	45	28	23	14	10	5	3	12
25-29	159	3	5	38	34	20	20	8	10	7	1	13
30-34	75	1	2	23	16	13	6	3	5	4	0	2
35-39	44	2	1	16	10	7	3	1	2	0	0	2
40-44	11	0	2	4	2	2	0	0	1	0	0	0
45 and over	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	1	0	1	0	0	0	0	0	0	0	0	0

Table A11 continued. Births by race and age of mother and month prenatal care began, residents:
Utah, 1999

Mothers race and age	Month prenatal care began											Not stated
	Total	None	1	2	3	4	5	6	7	8	9	
Asian and Pacific Islander	1,361	16	22	477	338	123	105	64	57	55	16	88
Under 15	2	0	0	0	1	1	0	0	0	0	0	0
Total 15-19	102	0	2	21	21	19	8	8	7	10	1	5
15-17	24	0	0	3	2	6	2	4	4	1	0	2
18-19	78	0	2	18	19	13	6	4	3	9	1	3
20-24	319	7	2	99	67	33	31	20	17	15	4	24
25-29	439	4	9	176	127	30	28	18	10	11	4	22
30-34	327	2	7	118	80	24	27	12	16	15	6	20
35-39	138	3	2	50	31	14	11	5	5	2	1	14
40-44	31	0	0	13	8	2	0	1	2	2	0	3
45 and over	3	0	0	0	3	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
Other races	9	0	1	2	4	0	1	0	0	1	0	0
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15-19	2	0	0	0	2	0	0	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0	0	0	0
18-19	2	0	0	0	2	0	0	0	0	0	0	0
20-24	3	0	1	1	1	0	0	0	0	0	0	0
25-29	2	0	0	0	1	0	0	0	0	1	0	0
30-34	1	0	0	0	0	0	1	0	0	0	0	0
35-39	1	0	0	1	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	155	3	0	78	29	13	9	5	3	1	1	13
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15-19	13	0	0	4	2	3	2	1	1	0	0	0
15-17	3	0	0	1	0	1	0	0	1	0	0	0
18-19	10	0	0	3	2	2	2	1	0	0	0	0
20-24	31	1	0	20	2	1	2	1	0	1	1	2
25-29	50	0	0	27	12	2	1	1	1	0	0	6
30-34	35	1	0	15	10	3	3	0	1	0	0	2
35-39	18	1	0	8	2	3	1	2	0	0	0	1
40-44	7	0	0	3	1	1	0	0	0	0	0	2
45 and over	1	0	0	1	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0

Table A12. Births by race and age of mother and number of prenatal visits, residents: Utah, 1999

Mother's race and age	Number of prenatal visits								Not stated
	Total	None	1-5	6-9	10-14	15-18	19-27	28 and over	
Total	46,243	204	3,786	16,088	21,335	1,896	315	13	2,606
Under 15	43	0	11	16	13	0	0	0	3
Total 15-19	4,245	40	532	1,513	1,734	175	20	0	231
15-17	1,339	21	191	486	527	45	5	0	64
18-19	2,906	19	341	1,027	1,207	130	15	0	167
20-24	15,153	74	1,263	5,195	7,079	632	92	3	815
25-29	14,394	45	1,042	5,003	6,782	600	111	5	806
30-34	8,344	20	611	2,928	3,910	329	56	2	488
35-39	3,371	20	273	1,200	1,499	133	30	1	215
40-44	633	4	49	217	291	23	5	2	42
45 and over	54	1	5	14	23	4	1	0	6
Not stated	6	0	0	2	4	0	0	0	0
White	38,417	115	2,481	13,236	18,523	1,654	273	12	2,123
Under 15	20	0	4	7	6	0	0	0	3
Total 15-19	3,060	24	305	1,079	1,326	140	11	0	175
15-17	884	11	103	323	366	34	4	0	43
18-19	2,176	13	202	756	960	106	7	0	132
20-24	12,684	38	832	4,270	6,242	561	84	3	654
25-29	12,201	29	700	4,192	5,985	523	99	5	668
30-34	7,040	9	407	2,477	3,395	289	50	1	412
35-39	2,834	11	198	1,012	1,300	115	24	1	173
40-44	529	3	32	186	247	23	4	2	32
45 and over	45	1	3	12	19	3	1	0	6
Not stated	4	0	0	1	3	0	0	0	0
Hispanic all races	5,455	60	925	1,991	1,957	169	30	0	323
Under 15	18	0	7	5	6	0	0	0	0
Total 15-19	915	14	175	327	326	26	6	0	41
15-17	373	9	74	125	138	10	1	0	16
18-19	542	5	101	202	188	16	5	0	25
20-24	1,835	25	308	692	624	58	7	0	121
25-29	1,482	9	251	550	522	51	8	0	91
30-34	837	8	121	295	339	25	4	0	45
35-39	309	3	49	106	117	8	5	0	21
40-44	53	1	12	13	23	0	0	0	4
45 and over	5	0	2	2	0	1	0	0	0
Not stated	1	0	0	1	0	0	0	0	0
Black	250	2	38	94	72	18	3	0	23
Under 15	2	0	0	2	0	0	0	0	0
Total 15-19	48	1	9	22	11	1	0	0	4
15-17	17	1	2	9	4	0	0	0	1
18-19	31	0	7	13	7	1	0	0	3
20-24	81	0	15	33	21	4	1	0	7
25-29	61	1	7	19	18	8	2	0	6
30-34	29	0	4	7	12	4	0	0	2
35-39	27	0	3	9	10	1	0	0	4
40-44	2	0	0	2	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
Native American	596	8	113	219	210	13	3	0	30
Under 15	1	0	0	0	1	0	0	0	0
Total 15-19	105	1	21	40	35	1	1	0	6
15-17	38	0	7	16	12	1	0	0	2
18-19	67	1	14	24	23	0	1	0	4
20-24	200	3	35	74	73	6	0	0	9
25-29	159	2	31	62	48	4	1	0	11
30-34	75	0	17	27	27	0	1	0	3
35-39	44	2	8	12	19	2	0	0	1
40-44	11	0	1	4	6	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	1	0	0	0	1	0	0	0	0

Table A12 continued. Births by race and age of mother and number of prenatal visits, residents: Utah, 1999

Mother's race and age	Number of prenatal visits								
	Total	None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
Asian and Pacific Islander	1,361	16	212	488	514	32	5	0	94
Under 15	2	0	0	2	0	0	0	0	0
Total 15-19	102	0	20	37	33	5	2	0	5
15-17	24	0	4	12	6	0	0	0	2
18-19	78	0	16	25	27	5	2	0	3
20-24	319	7	69	114	104	3	0	0	22
25-29	439	4	49	163	187	11	1	0	24
30-34	327	2	58	112	125	6	0	0	24
35-39	138	3	12	52	48	7	1	0	15
40-44	31	0	4	8	14	0	1	0	4
45 and over	3	0	0	0	3	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Other races	9	0	1	4	4	0	0	0	0
Under 15	0	0	0	0	0	0	0	0	0
Total 15-19	2	0	0	1	1	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0
18-19	2	0	0	1	1	0	0	0	0
20-24	3	0	0	0	3	0	0	0	0
25-29	2	0	1	1	0	0	0	0	0
30-34	1	0	0	1	0	0	0	0	0
35-39	1	0	0	1	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Not stated	155	3	16	56	55	10	1	1	13
Under 15	0	0	0	0	0	0	0	0	0
Total 15-19	13	0	2	7	2	2	0	0	0
15-17	3	0	1	1	1	0	0	0	0
18-19	10	0	1	6	1	2	0	0	0
20-24	31	1	4	12	12	0	0	0	2
25-29	50	0	3	16	22	3	0	0	6
30-34	35	1	4	9	12	5	1	1	2
35-39	18	1	3	8	5	0	0	0	1
40-44	7	0	0	4	1	0	0	0	2
45 and over	1	0	0	0	1	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0

Table A13. Births by race of mother, gender and birthweight of infant, residents: Utah, 1999

Race of mother and sex 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	46,243	320	293	565	2,044	8,266	18,733	12,585	2,999	399	39
Male	23,905	173	155	274	965	3,738	9,182	7,224	1,894	279	21
Female	22,335	146	137	291	1,079	4,528	9,550	5,361	1,105	120	18
White	38,417	263	241	461	1,668	6,644	15,509	10,705	2,560	331	35
Male	19,897	142	126	223	777	3,015	7,560	6,179	1,627	230	18
Female	18,518	121	114	238	891	3,629	7,948	4,526	933	101	17
Hispanic all races	5,455	35	33	60	249	1,144	2,280	1,303	305	42	4
Male	2,810	17	20	27	135	515	1,144	728	188	33	3
Female	2,644	17	13	33	114	629	1,136	575	117	9	1
Black	250	3	5	9	20	62	92	51	6	2	0
Male	121	0	4	3	7	32	42	29	2	2	0
Female	129	3	1	6	13	30	50	22	4	0	0
Native American	596	13	6	10	25	100	227	172	36	7	0
Male	278	10	1	5	10	37	101	92	18	4	0
Female	318	3	5	5	15	63	126	80	18	3	0
Asian and Pacific Islander	1,361	5	6	21	74	289	559	309	81	17	0
Male	712	4	3	15	32	127	305	165	51	10	0
Female	649	1	3	6	42	162	254	144	30	7	0
Other race	9	0	0	0	1	2	6	0	0	0	0
Male	4	0	0	0	1	0	3	0	0	0	0
Female	5	0	0	0	0	2	3	0	0	0	0
Not stated	155	1	2	4	7	25	60	45	11	0	0
Male	83	0	1	1	3	12	27	31	8	0	0
Female	72	1	1	3	4	13	33	14	3	0	0

Table A14. Births by gestation period and birthweight of infant, residents: Utah, 1999

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	46,243	320	293	565	2,044	8,266	18,733	12,585	2,999	399	39
Under 20	18	16	0	0	1	0	0	0	0	0	1
20-27	204	164	34	1	3	0	0	0	0	0	2
28-35	2,207	54	252	459	792	521	99	22	1	3	4
36	1,821	5	1	50	399	843	410	89	17	6	1
37	3,829	7	1	28	360	1,475	1,449	427	69	12	1
38	9,803	24	3	10	271	2,272	4,617	2,189	367	45	5
39	14,277	17	1	10	141	1,962	6,675	4,454	916	97	4
40	10,971	26	0	2	61	993	4,436	4,151	1,145	148	9
41	2,711	6	0	3	10	157	934	1,124	409	66	2
42	256	1	0	0	2	19	66	92	57	17	2
43	19	0	0	0	0	2	8	4	4	1	0
44	3	0	0	0	0	0	1	1	0	1	0
45 and over	1	0	0	0	0	0	0	0	1	0	0
Not stated	123	0	1	2	4	22	38	32	13	3	8

Table A15. Births by number of previous births, age and education of mother, residents: Utah, 1999

Previous births and age of mother	Education of mother				Not stated
	Total	Less than high school	High school graduate	One or more years college	
Total	46,243	6,850	14,711	24,242	440
Under 20	4,288	2,544	1,518	185	41
20-29	29,547	3,381	10,303	15,628	235
30 and over	12,402	924	2,889	8,425	164
Not Stated	6	1	1	4	0
No previous births					
Total	16,847	2,849	5,276	8,594	128
Under 20	3,457	1,976	1,285	165	31
20-29	11,723	811	3,688	7,143	81
30 and over	1,664	62	303	1,283	16
Not Stated	3	0	0	3	0
One previous birth					
Total	13,299	1,797	4,531	6,857	114
Under 20	725	484	214	19	8
20-29	10,023	1,148	3,740	5,060	75
30 and over	2,550	165	577	1,777	31
Not Stated	1	0	0	1	0
Two previous births					
Total	8,199	1,129	2,655	4,333	82
Under 20	83	64	17	1	1
20-29	5,202	849	1,927	2,382	44
30 and over	2,914	216	711	1,950	37
Not Stated					
Three previous births					
Total	4,295	546	1,245	2,453	51
Under 20	4	4	0	0	0
20-29	1,829	370	666	771	22
30 and over	2,460	171	578	1,682	29
Not Stated	2	1	1	0	0
Four and over previous births					
Total	3,387	500	941	1,887	59
Under 20	2	2	0	0	0
20-29	642	193	239	200	10
30 and over	2,743	305	702	1,687	49
Not Stated					
Not stated					
Total	216	29	63	118	6
Under 20	17	14	2	0	1
20-29	128	10	43	72	3
30 and over	71	5	18	46	2
Not Stated	0	0	0	0	0

Table A16. Births by age and education of parents, residents: Utah, 1999

Age of parents	Education of parents									
	Total		Less than high school		High school graduate		One or more years of college		Not stated	
	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother
Total	46243	46243	4460	6850	12026	14711	25059	24242	4698	440
Under 15	0	43	0	43	0	0	0	0	0	0
15	4	150	4	146	0	1	0	0	0	3
16	35	416	25	400	0	8	2	0	8	8
17	150	773	95	666	13	98	0	2	42	7
18	415	1176	184	637	172	497	5	30	54	12
19	709	1730	242	652	329	914	50	153	88	11
20-24	9715	15153	1495	2186	3920	6292	3763	6572	537	103
25-29	14615	14394	1201	1195	3855	4011	9107	9056	452	132
30-34	9945	8344	696	627	2083	1977	6829	5647	337	93
35-39	5397	3371	357	231	1115	753	3679	2332	246	55
40-44	1761	633	109	60	386	148	1167	414	99	11
45 and over	672	54	42	6	135	11	448	32	47	5
Not stated	2825	6	10	1	18	1	9	4	2788	0

Table A17. Births to unmarried mothers by age and education of parents, residents: Utah, 1999

Age of parents	Education of parents									
	Total		Less than high school		High school graduate		One or more years of college		Not stated	
	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother
Total	7,699	7,699	1,385	3,391	1,706	3,097	553	1,115	4,055	96
Under 15	0	39	0	39	0	0	0	0	0	0
15	4	133	4	129	0	1	0	0	0	3
16	25	341	17	332	0	3	0	0	8	6
17	116	567	67	489	9	71	0	0	40	7
18	258	736	113	414	92	302	2	12	51	8
19	368	815	145	345	129	417	13	48	81	5
20-24	1,853	2,863	529	961	727	1,428	150	446	447	28
25-29	1,148	1,271	289	408	387	523	174	319	298	21
30-34	638	599	128	173	188	240	105	174	217	12
35-39	373	266	64	84	95	90	60	87	154	5
40-44	151	65	19	16	46	22	24	27	62	0
45 and over	82	2	6	1	20	0	24	0	32	1
Not stated	2,683	2	4	0	13	0	1	2	2,665	0

Table A18. Births to unmarried mothers by health district, county of residence and age of mother: Utah, 1999

District and county	Total	Age of mother										Not stated
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	
			Total	15-17	18-19							
Total	7,699	39	2,592	1,041	1,551	2,863	1,271	599	266	65	2	2
Bear River	311	1	125	61	64	114	40	14	11	5	0	1
Box Elder	122	0	45	22	23	49	17	9	2	0	0	0
Cache	186	1	78	38	40	65	22	5	9	5	0	1
Rich	3	0	2	1	1	0	1	0	0	0	0	0
Central Utah	184	1	70	33	37	69	25	11	6	2	0	0
Juab	18	0	8	3	5	6	3	1	0	0	0	0
Millard	26	1	13	7	6	7	3	1	1	0	0	0
Piute	1	0	0	0	0	1	0	0	0	0	0	0
Sanpete	72	0	27	12	15	27	9	5	4	0	0	0
Sevier	66	0	21	11	10	28	10	4	1	2	0	0
Wayne	1	0	1	0	1	0	0	0	0	0	0	0
Davis	588	0	201	74	127	238	90	39	16	4	0	0
Salt Lake	3,743	20	1,189	476	713	1,349	682	324	140	37	2	0
Southeastern	274	0	85	29	56	111	46	19	11	1	0	1
Carbon	96	0	41	14	27	42	7	2	3	1	0	0
Emery	30	0	8	3	5	13	4	3	2	0	0	0
Grand	42	0	14	5	9	16	7	2	3	0	0	0
San Juan	106	0	22	7	15	40	28	12	3	0	0	1
Southwest	392	2	136	57	79	148	55	36	11	4	0	0
Beaver	13	0	5	2	3	6	1	0	1	0	0	0
Garfield	12	0	4	2	2	6	2	0	0	0	0	0
Iron	85	1	33	15	18	28	10	8	3	2	0	0
Kane	7	0	5	1	4	1	1	0	0	0	0	0
Washington	275	1	89	37	52	107	41	28	7	2	0	0
Summit	60	0	17	6	11	27	10	5	1	0	0	0
Tooele	163	0	60	21	39	63	21	13	4	2	0	0
Uintah Basin	178	2	55	21	34	77	23	16	3	2	0	0
Daggett	1	0	0	0	0	0	0	0	1	0	0	0
Duchesne	68	1	22	7	15	29	11	3	0	2	0	0
Uintah	109	1	33	14	19	48	12	13	2	0	0	0
Utah County	840	5	304	114	190	317	133	51	25	5	0	0
Wasatch	38	0	14	5	9	12	6	4	2	0	0	0
Weber-Morgan	928	8	336	144	192	338	140	67	36	3	0	0
Morgan	7	0	6	5	1	1	0	0	0	0	0	0
Weber	921	8	330	139	191	337	140	67	36	3	0	0

Table A19. Births by marital status of mother, race and age of mother, residents: Utah, 1999

Marital status and race of mother	Total	Age of mother										Not stated
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	
			Total	15-17	18-19							
Total	46,243	43	4,245	1,339	2,906	15,153	14,394	8,344	3,371	633	54	6
White	38,417	20	3,060	884	2,176	12,684	12,201	7,040	2,834	529	45	4
Hispanic all races	5,455	18	915	373	542	1,835	1,482	837	309	53	5	1
Black	250	2	48	17	31	81	61	29	27	2	0	0
Native American	596	1	105	38	67	200	159	75	44	11	0	1
Asian and Pacific Islander	1,361	2	102	24	78	319	439	327	138	31	3	0
Other race	9	0	2	0	2	3	2	1	1	0	0	0
Not stated	155	0	13	3	10	31	50	35	18	7	1	0
Mother married	38,544	4	1,653	298	1,355	12,290	13,123	7,745	3,105	568	52	4
White	33,469	1	1,286	207	1,079	10,822	11,476	6,685	2,671	482	43	3
Hispanic all races	3,403	3	287	77	210	1,092	1,084	659	231	41	5	1
Black	121	0	8	3	5	38	35	17	22	1	0	0
Native American	258	0	19	4	15	78	79	43	31	8	0	0
Asian and Pacific Islander	1,156	0	46	6	40	234	403	308	132	30	3	0
Other race	5	0	1	0	1	2	1	0	1	0	0	0
Not stated	132	0	6	1	5	24	45	33	17	6	1	0
Mother unmarried	7,699	39	2,592	1,041	1,551	2,863	1,271	599	266	65	2	2
White	4,948	19	1,774	677	1,097	1,862	725	355	163	47	2	1
Hispanic all races	2,052	15	628	296	332	743	398	178	78	12	0	0
Black	129	2	40	14	26	43	26	12	5	1	0	0
Native American	338	1	86	34	52	122	80	32	13	3	0	1
Asian and Pacific Islander	205	2	56	18	38	85	36	19	6	1	0	0
Other race	4	0	1	0	1	1	1	1	0	0	0	0
Not stated	23	0	7	2	5	7	5	2	1	1	0	0

Table A20. Births by age of mother and birthweight of infant, residents: Utah, 1999

Age of mother	Total	Birthweight in grams									Un-known
		Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	
Total	46,243	320	293	565	2,044	8,266	18,733	12,585	2,999	399	39
Under 15	43	0	1	1	2	9	20	6	2	2	0
Total 15-19	4,245	34	41	55	276	963	1,814	884	159	17	2
15-17	1,339	14	20	14	78	328	567	258	56	4	0
18-19	2,906	20	21	41	198	635	1,247	626	103	13	2
20-24	15,153	102	92	188	676	2,977	6,376	3,855	776	98	13
25-29	14,394	82	85	150	588	2,412	5,841	4,122	993	110	11
30-34	8,344	53	37	107	327	1,313	3,226	2,501	675	97	8
35-39	3,371	37	32	50	142	491	1,210	1,020	328	57	4
40-44	633	7	3	12	31	95	229	180	59	16	1
45 and over	54	1	2	2	2	6	17	16	6	2	0
Not stated	6	4	0	0	0	0	0	1	1	0	0

Table A21. Births by birthweight of infant and tobacco use of mother (trimester of first use of cigarettes), residents: Utah, 1999

Birthweight in grams	Tobacco use of mother								
	Total	Trimester of first use of cigarettes					Un- known	No	Un- known
		Yes	1st	2nd	3rd	Un- known			
Total	46,243	3,766	3,595	64	49	58	42,277	200	
Under 1000	320	40	40	0	0	0	240	40	
1000-1499	293	42	38	3	0	1	249	2	
1500-1999	565	94	92	1	1	0	467	4	
2000-2499	2,044	346	331	9	1	5	1,689	9	
2500-2999	8,266	1,053	1,003	18	13	19	7,184	29	
3000-3499	18,733	1,480	1,413	24	23	20	17,191	62	
3500-3999	12,585	619	592	8	8	11	11,926	40	
4000-4499	2,999	82	78	1	1	2	2,904	13	
4500 and over	399	9	7	0	2	0	390	0	
Not stated	39	1	1	0	0	0	37	1	

Table A22. Births by birthweight of infant and alcohol use of mother (trimester of first use), residents: Utah, 1999

Birthweight in grams	Alcohol use of mother								
	Total	Trimester of first use					Un- known	No	Un- known
		Yes	1st	2nd	3rd	Un- known			
Total	46,243	518	419	41	33	25	45,516	209	
Under 1000	320	5	5	0	0	0	275	40	
1000-1499	293	5	4	0	0	1	286	2	
1500-1999	565	7	7	0	0	0	554	4	
2000-2499	2,044	38	34	1	2	1	1,998	8	
2500-2999	8,266	126	103	10	6	7	8,108	32	
3000-3499	18,733	186	148	15	10	13	18,482	65	
3500-3999	12,585	127	97	14	13	3	12,414	44	
4000-4499	2,999	20	18	1	1	0	2,966	13	
4500 and over	399	3	2	0	1	0	396	0	
Not stated	39	1	1	0	0	0	37	1	

Table A23. Births by five-minute apgar score and birthweight of infant, residents: Utah, 1999

Five minute apgar score	Birthweight in grams										
	Total	Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Un- known
Total	46,243	320	293	565	2,044	8,266	18,733	12,585	2,999	399	39
0	31	22	1	3	1	0	1	1	0	0	2
1	45	33	1	4	4	1	1	1	0	0	0
2	40	15	3	2	4	4	7	1	0	0	4
3	36	8	5	2	3	6	5	4	2	0	1
4	0	0	0	0	0	0	0	0	0	0	0
5	152	12	10	8	19	28	36	30	4	4	1
6	321	26	30	28	29	50	82	63	11	2	0
7	933	45	51	52	85	180	290	172	42	15	1
8	4,557	44	82	145	402	950	1,553	1,043	285	51	2
9	38,105	86	95	305	1,440	6,694	15,937	10,729	2,501	303	15
10	1,793	11	2	9	45	307	762	497	137	19	4
Not stated	230	18	13	7	12	46	59	44	17	5	9

Table A24. Births to mothers of Spanish origin by age of mother, health district and county of residence: Utah, 1999

District and county	Total	Age of mother										Not stated
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	
			Total	15-17	18-19							
Total	5,455	18	915	373	542	1,835	1,482	837	309	53	5	1
Bear River	246	0	42	25	17	78	67	34	20	3	1	1
Box Elder	69	0	16	11	5	25	14	10	4	0	0	0
Cache	176	0	26	14	12	53	52	24	16	3	1	1
Rich	1	0	0	0	0	0	1	0	0	0	0	0
Central Utah	81	1	15	6	9	25	20	15	3	2	0	0
Juab	6	0	0	0	0	2	0	2	1	1	0	0
Millard	15	1	4	3	1	2	4	2	2	0	0	0
Piute	1	0	0	0	0	1	0	0	0	0	0	0
Sanpete	50	0	8	2	6	18	12	11	0	1	0	0
Sevier	9	0	3	1	2	2	4	0	0	0	0	0
Wayne	0	0	0	0	0	0	0	0	0	0	0	0
Davis	293	0	38	13	25	109	84	42	19	1	0	0
Salt Lake	2,806	9	470	196	274	937	751	459	149	28	3	0
Southeastern	77	0	15	5	10	36	14	10	2	0	0	0
Carbon	36	0	9	3	6	19	4	3	1	0	0	0
Emery	18	0	3	1	2	10	1	3	1	0	0	0
Grand	7	0	0	0	0	2	3	2	0	0	0	0
San Juan	16	0	3	1	2	5	6	2	0	0	0	0
Southwest	184	0	35	15	20	73	40	28	5	3	0	0
Beaver	8	0	2	1	1	3	3	0	0	0	0	0
Garfield	2	0	0	0	0	2	0	0	0	0	0	0
Iron	44	0	11	4	7	15	6	8	2	2	0	0
Kane	1	0	0	0	0	0	1	0	0	0	0	0
Washington	129	0	22	10	12	53	30	20	3	1	0	0
Summit	90	0	12	3	9	35	29	9	5	0	0	0
Tooele	128	0	22	6	16	52	32	16	5	1	0	0
Tri-County	29	0	10	3	7	8	5	4	1	1	0	0
Daggett	9	0	4	1	3	2	1	2	0	0	0	0
Duchesne	20	0	6	2	4	6	4	2	1	1	0	0
Utah County	815	1	109	38	71	248	251	133	65	7	1	0
Wasatch	22	1	3	1	2	6	6	2	3	1	0	0
Weber-Morgan	684	6	144	62	82	228	183	85	32	6	0	0
Morgan	2	0	1	0	1	0	0	1	0	0	0	0
Weber	682	6	143	62	81	228	183	84	32	6	0	0

Table A-25. Births to mothers of Spanish origin by race and age of mother and number of prenatal visits, residents: Utah, 1999

Mother's race and age	Total	Number of prenatal visits							Not stated
		None	1-5	6-9	10-14	15-18	19-27	28 and over	
Total	5,455	60	925	1,991	1,957	169	30	0	323
White	5,344	58	907	1,954	1,918	163	29	0	315
Under 15	16	0	6	4	6	0	0	0	0
Total 15 to 19	902	13	174	323	321	24	6	0	41
15-17	367	9	73	122	137	9	1	0	16
18-19	535	4	101	201	184	15	5	0	25
20-24	1,801	24	302	682	612	56	7	0	118
25-29	1,445	9	245	537	507	49	8	0	90
30-34	822	8	121	289	333	25	4	0	42
35-39	301	3	46	104	116	8	4	0	20
40-44	51	1	11	12	23	0	0	0	4
45 and over	5	0	2	2	0	1	0	0	0
Not stated	1	0	0	1	0	0	0	0	0
Black	13	0	2	3	6	1	1	0	0
Under 15	1	0	0	1	0	0	0	0	0
Total 15 to 19	3	0	0	1	2	0	0	0	0
15-17	2	0	0	1	1	0	0	0	0
18-19	1	0	0	0	1	0	0	0	0
20-24	1	0	0	0	1	0	0	0	0
25-29	5	0	2	1	1	1	0	0	0
30-34	2	0	0	0	2	0	0	0	0
35-39	1	0	0	0	0	0	1	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
Native American	21	2	3	10	4	2	0	0	0
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	8	1	1	2	2	2	0	0	0
15-17	4	0	1	2	0	1	0	0	0
18-19	4	1	0	0	2	1	0	0	0
20-24	4	1	0	2	1	0	0	0	0
25-29	4	0	0	3	1	0	0	0	0
30-34	2	0	0	2	0	0	0	0	0
35-39	1	0	1	0	0	0	0	0	0
40-44	2	0	1	1	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	67	0	12	22	23	3	0	0	7
Under 15	1	0	1	0	0	0	0	0	0
Total 15 to 19	0	0	0	0	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0
18-19	0	0	0	0	0	0	0	0	0
20-24	23	0	5	8	6	2	0	0	2
25-29	26	0	4	8	12	1	0	0	1
30-34	11	0	0	4	4	0	0	0	3
35-39	6	0	2	2	1	0	0	0	1
40-44	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0
Not Stated	10	0	1	2	6	0	0	0	1
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	2	0	0	1	1	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0
18-19	2	0	0	1	1	0	0	0	0
20-24	6	0	1	0	4	0	0	0	1
25-29	2	0	0	1	1	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0

Table A26. Births to mothers of Spanish origin by race, age of mother and month prenatal care began, residents: Utah, 1999

Mother's race and age	Month prenatal care began											Not stated
	Total	None	1	2	3	4	5	6	7	8	9	
Total	5,455	60	95	1,705	1,444	665	483	275	216	150	50	312
Under 15	18	0	0	1	7	3	5	0	0	2	0	0
Total 15 to 19	915	14	8	253	213	140	111	53	40	30	11	42
15-17	373	9	0	92	79	70	57	16	14	15	3	18
18-19	542	5	8	161	134	70	54	37	26	15	8	24
20-24	1,835	25	28	574	465	218	161	97	78	53	16	120
25-29	1,482	9	30	482	417	168	111	77	53	39	13	83
30-34	837	8	23	295	231	96	60	32	32	12	8	40
35-39	309	3	4	81	94	34	30	13	12	13	2	23
40-44	53	1	2	17	17	5	4	2	0	1	0	4
45 and over	5	0	0	1	0	1	1	1	1	0	0	0
Not stated	1	0	0	1	0	0	0	0	0	0	0	0
White	5,344	58	91	1,667	1,418	656	473	272	210	145	50	304
Under 15	16	0	0	1	6	3	5	0	0	1	0	0
Total 15 to 19	902	13	6	250	211	140	108	52	39	30	11	42
15-17	367	9	0	90	79	70	55	15	13	15	3	18
18-19	535	4	6	160	132	70	53	37	26	15	8	24
20-24	1,801	24	28	563	456	214	159	96	76	52	16	117
25-29	1,445	9	28	464	409	165	109	76	52	37	13	83
30-34	822	8	23	289	227	96	59	32	32	12	8	36
35-39	301	3	4	81	92	32	30	13	10	12	2	22
40-44	51	1	2	17	17	5	2	2	0	1	0	4
45 and over	5	0	0	1	0	1	1	1	1	0	0	0
Not stated	1	0	0	1	0	0	0	0	0	0	0	0
Black	13	0	0	7	4	0	1	1	0	0	0	0
Under 15	1	0	0	0	1	0	0	0	0	0	0	0
Total 15 to 19	3	0	0	1	1	0	1	0	0	0	0	0
15-17	2	0	0	1	0	0	1	0	0	0	0	0
18-19	1	0	0	0	1	0	0	0	0	0	0	0
20-24	1	0	0	1	0	0	0	0	0	0	0	0
25-29	5	0	0	3	1	0	0	1	0	0	0	0
30-34	2	0	0	2	0	0	0	0	0	0	0	0
35-39	1	0	0	0	1	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
Native American	21	2	3	4	2	1	6	2	1	0	0	0
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	8	1	2	1	1	0	1	1	1	0	0	0
15-17	4	0	0	1	0	0	1	1	1	0	0	0
18-19	4	1	2	0	1	0	0	0	0	0	0	0
20-24	4	1	0	2	0	0	0	1	0	0	0	0
25-29	4	0	1	1	0	0	2	0	0	0	0	0
30-34	2	0	0	0	1	0	1	0	0	0	0	0
35-39	1	0	0	0	0	1	0	0	0	0	0	0
40-44	2	0	0	0	0	0	2	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 Spanish origin by race, age of mother and month prenatal care began, residents: Utah, 1999

Mother's race and age	Month prenatal care began											Not stated
	Total	None	1	2	3	4	5	6	7	8	9	
Asian and Pacific Islander	16	0	1	7	1	3	0	0	0	1	0	3
Under 15	1	0	0	0	0	0	0	0	0	1	0	0
Total 15 to 19	0	0	0	0	0	0	0	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0	0	0	0
18-19	0	0	0	0	0	0	0	0	0	0	0	0
20-24	4	0	0	2	0	1	0	0	0	0	0	1
25-29	6	0	1	3	0	2	0	0	0	0	0	0
30-34	5	0	0	2	1	0	0	0	0	0	0	2
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
Other races	51	0	0	17	15	5	2	0	5	3	0	4
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	0	0	0	0	0	0	0	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0	0	0	0
18-19	0	0	0	0	0	0	0	0	0	0	0	0
20-24	19	0	0	5	6	3	2	0	2	0	0	1
25-29	20	0	0	10	6	1	0	0	1	2	0	0
30-34	6	0	0	2	2	0	0	0	0	0	0	2
35-39	6	0	0	0	1	1	0	0	2	1	0	1
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	10	0	0	3	4	0	1	0	0	1	0	1
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
Total 15 to 19	2	0	0	1	0	0	1	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0	0	0	0
18-19	2	0	0	1	0	0	1	0	0	0	0	0
20-24	6	0	0	1	3	0	0	0	1	0	0	1
25-29	2	0	0	1	1	0	0	0	0	0	0	0
30-34	0	0	0	0	0	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

Table A27. Births to mothers of Spanish origin by marital status of mother, race and age of mother, residents: Utah, 1999

Marital status and race of mother	Total	Age of mother										
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
			Total	15-17	18-19							
Total	5,455	18	915	373	542	1,835	1,482	837	309	53	5	1
White	5,344	16	902	367	535	1,801	1,445	822	301	51	5	1
Black	13	1	3	2	1	1	5	2	1	0	0	0
Native American	21	0	8	4	4	4	4	2	1	2	0	0
Asian and Pacific Islander	16	1	0	0	0	4	6	5	0	0	0	0
Other race	51	0	0	0	0	19	20	6	6	0	0	0
Not stated	10	0	2	0	2	6	2	0	0	0	0	0
Mother married	3,403	3	287	77	210	1,092	1,084	659	231	41	5	1
White	3,330	3	284	77	207	1,069	1,054	648	227	39	5	1
Black	6	0	0	0	0	0	3	2	1	0	0	0
Native American	9	0	2	0	2	2	2	1	0	2	0	0
Asian and Pacific Islander	13	0	0	0	0	3	5	5	0	0	0	0
Other race	36	0	0	0	0	12	18	3	3	0	0	0
Not stated	9	0	1	0	1	6	2	0	0	0	0	0
Mother unmarried	2,052	15	628	296	332	743	398	178	78	12	0	0
White	2,014	13	618	290	328	732	391	174	74	12	0	0
Black	7	1	3	2	1	1	2	0	0	0	0	0
Native American	12	0	6	4	2	2	2	1	1	0	0	0
Asian and Pacific Islander	3	1	0	0	0	1	1	0	0	0	0	0
Other race	15	0	0	0	0	7	2	3	3	0	0	0
Not stated	1	0	1	0	1	0	0	0	0	0	0	0

Table A28. Births and deaths by community of occurrence and residence: Utah, 1999

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
State	47,261	46,243	12,423	11,981
Bear River	2,924	2,959	630	696
Box Elder	584	784	237	267
Bear River	1	9	3	3
Brigham City	491	336	162	146
Corinne	0	13	7	8
Deweyville	0	5	2	2
Elwood	0	1	0	0
Fielding	0	13	1	4
Garland	1	41	4	13
Honeyville	1	13	2	5
Mantua	0	6	3	4
Perry	0	27	5	11
Plymouth	0	5	1	2
Snowville	0	4	0	0
Tremonton	89	141	25	24
Willard	0	39	4	17
Box Elder balance	1	131	18	28
Cache	2,340	2,150	377	410
Amalga	0	20	0	0
Clarkston	0	13	3	5
Hyde Park	1	39	1	6
Hyrum	5	166	8	23
Lewiston	0	34	10	15
Logan	2,328	1,203	294	207
Mendon	1	20	2	6
Millville	0	23	2	10
Newton	0	17	2	8
Nibley	0	38	5	8
North Logan	1	93	9	15
Paradise	0	0	2	4
Providence	0	68	5	18
Richmond	0	38	8	16
River Heights	0	22	2	8
Smithfield	3	135	9	27
Trenton	0	12	0	1
Wellsville	0	63	6	13
Cache balance	1	146	9	20
Rich	0	25	16	19
Laketown	0	4	1	1
Randolph	0	8	3	4
Woodruff	0	3	1	4
Rich balance	0	10	11	10
Central Utah	922	1,158	419	503
Juab	101	172	73	56
Eureka	0	11	4	9
Levan	0	15	1	2
Mona	4	18	2	7
Nephi	89	102	61	34
Juab balance	8	26	5	4

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1999

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Millard	162	180	89	108
Delta	106	57	40	36
Fillmore	53	40	20	20
Hinckley	0	11	1	9
Holden	0	4	2	6
Kanosh	1	7	4	8
Leamington	0	2	0	2
Meadow	0	4	1	2
Oak City	1	9	2	4
Scipio	0	2	0	2
Millard balance	1	44	19	19
Piute	0	25	3	9
Circleville	0	12	2	3
Marysvale	0	6	0	2
Piute balance	0	7	1	4
Sanpete	397	403	97	147
Centerfield	0	18	0	4
Ephraim	1	92	7	24
Fairview	0	19	3	4
Fountain Green	1	20	1	9
Gunnison	231	34	29	15
Manti	1	54	8	28
Mayfield	0	7	10	4
Moroni	0	24	1	8
Mount Pleasant	161	55	23	19
Spring City	0	13	2	6
Sanpete balance	2	67	13	26
Sevier	262	333	141	160
Annabella	0	13	1	2
Aurora	1	20	1	6
Elsinore	1	19	2	9
Glenwood	0	5	2	4
Koosharem	0	4	1	5
Monroe	1	37	5	18
Redmond	1	14	1	6
Richfield	258	116	105	64
Salina	0	41	2	17
Sigurd	0	11	0	5
Sevier balance	0	53	21	24
Wayne	0	45	16	23
Bicknell	0	4	0	1
Loa	0	11	5	7
Wayne balance	0	30	11	15
Davis	2,758	4,781	912	1,022
Bountiful	704	781	426	305
Centerville	2	239	19	64
Clearfield	0	573	92	112
Clinton	0	281	15	35
Farmington	0	195	17	40
Fruit Heights	0	41	7	11
Kaysville	2	392	26	63
Layton	2,047	1,244	219	212
North Salt Lake	0	158	14	37
Sunset	0	92	17	43
South Weber	0	72	2	7
Syracuse	1	211	22	34

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1999

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Davis continued				
West Point	0	102	8	22
Woods Cross	0	137	11	18
West Bountiful	2	70	5	9
Val Verde	0	0	4	4
Davis balance	0	193	8	6
Salt Lake	20,608	17,620	5,607	4,962
Alta	1	1	0	0
Bluff Dale	11	87	7	16
Canyon Rim	0	0	27	22
Cottonwood Heights	0	7	45	41
Cottonwood West	0	1	51	48
Draper	4	535	95	82
East Midvale-Union	0	0	1	0
East Millcreek	0	0	218	74
Emigration Canyon	0	0	2	2
Granite	0	0	3	2
Herriman	14	58	4	6
Holladay	70	73	120	69
Imperial	0	0	12	9
Kearns	7	617	75	130
Little Cottonwood Creek	0	0	11	13
Magna	3	473	38	92
Midvale	3	709	49	133
Millcreek	0	0	758	150
Mount Olympus	0	0	22	19
Murray	3,515	705	351	261
Oquirrh	0	0	0	0
Riverton	25	596	36	64
Salt Lake City	12,538	5,899	2,340	1,823
Sandy	2,060	1,658	411	369
South Jordan	7	424	39	84
South Salt Lake	1	67	80	68
Taylorsville-Bennion	14	754	140	218
West Jordan	1,661	1,884	190	187
West Valley City	674	2,185	384	422
White City	0	0	12	12
Salt Lake Co balance	0	887	86	546
Southeastern	628	855	363	393
Carbon	378	324	191	183
East Carbon	0	15	6	16
Helper	0	31	4	27
Price	376	170	161	90
Sunnyside	0	3	2	10
Wellington	1	29	6	11
Carbon balance	1	76	12	29
Emery	3	156	51	78
Castle Dale	0	19	6	6
Cleveland	0	0	0	3
Elmo	0	2	0	4
Emery	0	5	0	1
Ferron	0	19	18	19
Green River	0	17	5	8
Huntington	3	42	4	18
Orangeville	0	20	4	11
Emery balance	0	32	14	8

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1999

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Grand	102	117	55	61
Moab	102	83	32	44
Grand balance	0	34	23	17
San Juan	145	258	66	71
Blanding	102	59	32	15
Monticello	43	30	13	8
Monument Valley	0	5	0	1
San Juan balance	0	164	21	47
Southwest	3,296	2,829	1,034	992
Beaver	135	135	51	57
Beaver City	113	58	24	26
Milford	22	44	21	20
Minersville	0	17	0	7
Beaver balance	0	16	6	4
Garfield	41	70	41	42
Escalante	0	14	3	13
Panguitch	41	24	28	15
Tropic	0	9	2	7
Garfield balance	0	23	8	7
Iron	677	752	147	170
Cedar City	667	519	106	103
Enoch	4	20	4	11
Paragonah	0	9	4	6
Parowan	4	40	11	25
Iron balance	2	164	22	25
Kane	51	75	48	53
Big Water	0	1	3	5
Glendale	48	6	1	2
Kanab	1	48	37	34
Orderville	0	6	0	4
Kane balance	2	14	7	8
Washington	2,392	1,797	747	670
Bloomington	0	1	10	8
Enterprise	1	16	3	8
Hildale	322	133	3	4
Hurricane	13	179	60	76
Ivins	6	101	10	18
Laverkin	7	71	11	20
Leeds	0	6	4	7
Saint George	2,020	946	566	404
Santa Clara	4	68	9	18
Springdale	0	2	1	4
Toquerville	3	14	9	10
Washington City	10	158	26	44
Washington balance	6	102	35	49
Summit	6	436	63	94
Coalville	1	27	7	10
Francis	0	5	0	2
Henefer	0	18	4	6
Kamas	1	41	4	11
Oakley	0	5	3	5
Park City	3	197	22	25
Summit balance	1	143	23	35

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1999

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Tooele	193	905	186	215
Dugway	0	14	0	0
Erda	0	8	4	2
Grantsville	1	116	12	36
Rush Valley	0	6	2	1
Stansbury Park	0	47	0	5
Stockton	0	10	0	2
Tooele City	192	523	137	137
Wendover	0	92	4	9
Tooele balance	0	89	27	23
Tri-County	707	736	211	248
Daggett	0	16	1	2
Dutch John	0	2	0	1
Manila	0	6	1	1
Daggett balance	0	8	0	0
Duchesne	396	296	88	79
Duchesne City	0	28	2	8
Myton	0	7	1	4
Roosevelt	396	112	64	21
Duchesne balance	0	149	21	46
Uintah	311	424	122	167
Ballard	0	3	6	6
Fort Duchesne	0	6	4	9
Maeser	0	0	0	0
Naples	0	1	0	0
Vernal	311	245	77	62
Uintah balance	0	169	35	90
Utah	10,062	9,807	1,552	1,459
Alpine	2	107	11	20
American Fork	2,514	605	172	108
Cedar Fort	0	8	2	2
Cedar Hills	2	70	3	4
Elk Ridge	1	48		3
Genola	1	20	2	2
Goshen	0	18	4	5
Highland	2	120	11	21
Lehi	5	577	34	57
Lindon	2	178	8	21
Mapleton	3	105	10	29
Orem	2,396	2,223	277	371
Payson	965	342	134	77
Pleasant Grove	9	668	39	79
Provo	4,131	3,026	698	354
Salem	3	96	10	20
Santaquin	2	132	5	22
Spanish Fork	9	566	39	95
Springville	12	624	52	115
Woodland Hills	2	12	4	4
Utah Co balance	1	262	37	50
Wasatch	160	272	66	77
Charleston	0	0	0	0
Heber	157	177	48	43
Midway	1	42	4	12
Wallsburg	1	11	1	1
Wasatch balance	1	42	13	21

Table A28 continued. Births and deaths by community of occurrence and residence: Utah, 1999

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Weber-Morgan	4997	3885	1380	1320
Morgan	0	85	16	29
Morgan City	0	55	7	14
Morgan balance	0	30	9	15
Weber	4997	3800	1364	1291
Harrisville	1	55	4	5
Hooper	0	0	3	18
Huntsville	0	22	6	14
North Ogden	4	224	23	49
Ogden	4988	2119	725	740
Plain City	0	46	3	8
Pleasant View	0	71	5	21
Riverdale	0	136	28	51
Roy	4	687	112	153
South Ogden	0	120	122	83
Uintah	0	12	5	11
Washington Terrace	0	71	280	71
West Haven	0	23	5	7
Weber balance	0	214	43	60

Table A29. Births, births under 1500 grams and births under 2500 grams, fetal deaths and selected causes of infant death by institution, county of occurrence: Utah, 1999

County, institution, occurrence	Total birth	Under 1500 grams	1500 to under 2500 grams	Fetal death	Infant deaths	Nervous system G00-G98	Respiratory system J00-J98	Congenital anomalies Q00-Q99	Respiratory distress syndrome P22	Perinatal conditions P00-P96	Sudden death R95	All other causes
Total	47,261	591	2,694	232	241	4	7	88	7	79	17	39
Bear River	2,924	12	105	12	12	0	1	6	0	3	1	1
Box Elder	584	1	19	4	2	0	0	1	0	0	0	1
Bear River Valley Hospital	85	0	0	1	0	0	0	0	0	0	0	0
Columbia Brigham City Community Ho	485	1	18	3	1	0	0	1	0	0	0	0
Home	14	0	1	0	1	0	0	0	0	0	0	1
Cache	2,340	11	86	8	10	0	1	5	0	3	1	0
Logan Regional Hospital	2,316	8	86	8	9	0	1	4	0	3	1	0
Home	24	3	0	0	1	0	0	1	0	0	0	0
Rich	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	922	13	39	2	4	0	0	2	0	0	1	1
Juab	101	0	4	1	0	0	0	0	0	0	0	0
Central Valley Medical Center	89	0	4	1	0	0	0	0	0	0	0	0
Home	12	0	0	0	0	0	0	0	0	0	0	0
Millard	162	5	8	1	1	0	0	1	0	0	0	0
Delta Community Medical Center	105	4	4	1	0	0	0	0	0	0	0	0
Fillmore Community Medical Center	52	1	4	0	1	0	0	1	0	0	0	0
Home	5	0	0	0	0	0	0	0	0	0	0	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	397	4	14	0	2	0	0	1	0	0	0	1
Gunnison Valley Hospital	231	2	10	0	0	0	0	0	0	0	0	0
Sanpete Valley Hospital	159	2	4	0	2	0	0	1	0	0	0	1
Home	7	0	0	0	0	0	0	0	0	0	0	0
Sevier	262	4	13	0	1	0	0	0	0	0	1	0
Sevier Valley Hospital	258	3	13	0	1	0	0	0	0	0	1	0
Home	4	1	0	0	0	0	0	0	0	0	0	0
Wayne	0	0	0	0	0	0	0	0	0	0	0	0
Davis	2,758	24	154	15	11	0	0	4	0	5	2	0
Columbia Lakeview Hospital	693	4	40	4	1	0	0	0	0	1	0	0
Davis Hospital and Medical Center	2,044	20	112	11	8	0	0	2	0	4	2	0
Home	21	0	2	0	1	0	0	1	0	0	0	0
Other location	0	0	0	0	1	0	0	1	0	0	0	0
Salt Lake	20,608	323	1,330	108	151	2	3	60	3	49	6	28
Alta View Hospital	2,020	2	84	8	2	0	0	1	0	1	0	0
Columbia St. Mark's Hospital	3,070	12	165	14	3	0	0	0	0	1	0	2
Cottonwood Hospital Medical Center	3,503	12	161	20	2	0	0	0	0	1	0	1
LDS Hospital	4,666	137	373	27	19	0	0	10	0	8	0	1
Paracelsus Pioneer Valley Hospital	649	2	43	3	5	0	0	1	0	0	2	2
PHC Jordan Valley Hospital	1,639	1	73	6	2	0	0	1	0	0	0	1
Salt Lake Regional Medical Center	1,666	2	61	7	1	0	0	0	0	1	0	0
University of Utah Hospital	3,030	144	365	22	42	0	1	16	2	18	0	5
Primary Children's	0	0	0	0	66	2	2	28	1	18	1	14
Home	265	9	4	1	9	0	0	3	0	1	3	2
Other Locations	100	2	1	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, county of occurrence: Utah, 1999

County, institution, occurrence	Total birth	Under 1500 grams	1500 to under 2500 grams	Fetal death	Infant deaths	Nervous system G00-G98	Respiratory system J00-J98	Congenital anomalies Q00-Q99	Respiratory distress syndrome P22	Perinatal conditions P00-P96	Sudden death R95	All other causes
Southeastern	628	5	31	1	1	0	1	0	0	0	0	0
Carbon	378	3	19	0	0	0	0	0	0	0	0	0
Columbia Castlevew Hospital	375	3	18	0	0	0	0	0	0	0	0	0
Home	3	0	1	0	0	0	0	0	0	0	0	0
Emery	3	1	0	0	1	0	1	0	0	0	0	0
Home	3	1	0	0	1	0	1	0	0	0	0	0
Grand	102	0	5	0	0	0	0	0	0	0	0	0
Allen Memorial Hospital	101	0	5	0	0	0	0	0	0	0	0	0
Home	1	0	0	0	0	0	0	0	0	0	0	0
San Juan	145	1	7	1	0	0	0	0	0	0	0	0
San Juan Hospital	43	0	1	1	0	0	0	0	0	0	0	0
Blanding Medical Center	102	1	6	0	0	0	0	0	0	0	0	0
Southwest	3,296	20	186	15	12	1	0	3	0	5	1	2
Beaver	135	0	1	0	0	0	0	0	0	0	0	0
Beaver Valley Hospital	113	0	1	0	0	0	0	0	0	0	0	0
Milford Valley Memorial Hospital	21	0	0	0	0	0	0	0	0	0	0	0
Home	1	0	0	0	0	0	0	0	0	0	0	0
Garfield	41	0	0	1	0	0	0	0	0	0	0	0
Garfield Memorial Hospital	40	0	0	1	0	0	0	0	0	0	0	0
Home	1	0	0	0	0	0	0	0	0	0	0	0
Iron	677	4	50	3	3	1	0	1	0	0	1	0
Valley View Medical Center	644	3	50	3	2	1	0	0	0	0	1	0
Home	33	1	0	0	1	0	0	1	0	0	0	0
Kane	51	2	3	1	1	0	0	0	0	0	0	1
Kane County Hospital	47	2	3	1	1	0	0	0	0	0	0	1
Home	4	0	0	0	0	0	0	0	0	0	0	0
Washington	2,392	14	132	10	8	0	0	2	0	5	0	1
Dixie Regional Medical Center	1,976	11	123	9	8	0	0	2	0	5	0	1
Hildale Maternity Clinic	0	0	0	1	0	0	0	0	0	0	0	0
Home	102	3	1	0	0	0	0	0	0	0	0	0
Other Locations	314	0	8	0	0	0	0	0	0	0	0	0
Summit	6	0	0	0	2	0	0	0	0	0	1	1
Home	4	0	0	0	1	0	0	0	0	0	1	0
Other Locations	2	0	0	0	1	0	0	0	0	0	0	1
Tooele	193	1	13	0	2	0	0	1	0	0	0	1
Tooele Valley Regional Medical Center	191	1	13	0	2	0	0	1	0	0	0	1
Home	2	0	0	0	0	0	0	0	0	0	0	0
Tri-County	707	4	43	3	2	0	0	0	0	1	1	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	396	0	26	2	2	0	0	0	0	1	1	0
Uintah Basin Medical Center	395	0	26	2	2	0	0	0	0	1	1	0
Home	1	0	0	0	0	0	0	0	0	0	0	0
Uintah	311	4	17	1	0	0	0	0	0	0	0	0
Columbia Ashley Valley Medical Center	310	3	17	1	0	0	0	0	0	0	0	0
Home	1	1	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, county of occurrence: Utah, 1999

County, institution, occurrence	Total birth	Under 1500 grams	1500 to under 2500 grams	Fetal death	Infant deaths	Nervous system G00-G98	Respiratory system J00-J98	Congenital anomalies Q00-Q99	Respiratory distress syndrome P22	Perinatal conditions P00-P96	Sudden death R95	All other causes
Utah	10,062	108	497	45	31	0	1	9	4	12	3	2
American Fork Hospital	2,504	13	88	10	2	0	0	2	0	0	0	0
Columbia Mountain View Hospital	959	2	40	1	0	0	0	0	0	0	0	0
Orem Community Hospital	1,387	2	37	3	0	0	0	0	0	0	0	0
Timpanogos Regional Hospital	974	4	38	4	3	0	0	0	0	2	1	0
Utah Valley Regional Medical Center	4,094	84	293	27	20	0	0	6	4	9	1	0
Home	144	3	1		6	0	1	1	0	1	1	2
Wasatch	160	2	8	2	0	0	0	0	0	0	0	0
Heber Valley Medical Center	38	1	1	0	0	0	0	0	0	0	0	0
Wasatch County Hospital	118	0	7	2	0	0	0	0	0	0	0	0
Home	3	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
Weber-Morgan	4,997	79	288	29	13	1	1	3	0	4	1	3
Morgan	0	0	0	0	0	0	0	0	0	0	0	0
Weber	4,997	79	288	29	13	1	1	3	0	4	1	3
Columbia Ogden Regional Medical C	1,868	19	111	5	2	0	1	0	0	0	0	1
McKay-Dee Hospital	3,105	60	175	24	9	1	0	3	0	4	0	1
Home	22	0	2	0	2	0	0	0	0	0	1	1
Other Locations	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, 1999

District and county	Total	Age of woman										Not stated
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	
			Total	15-17	18-19							
Total	215	0	21	5	16	64	52	45	26	7	0	0
Bear River	13	0	1	0	1	6	1	3	2	0	0	0
Box Elder	6	0	1	0	1	2	0	2	1	0	0	0
Cache	7	0	0	0	0	4	1	1	1	0	0	0
Rich	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	2	0	0	0	0	2	0	0	0	0	0	0
Juab	0	0	0	0	0	0	0	0	0	0	0	0
Millard	2	0	0	0	0	2	0	0	0	0	0	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	0	0	0	0	0	0	0	0	0	0	0	0
Wayne	0	0	0	0	0	0	0	0	0	0	0	0
Davis	27	0	1	0	1	7	4	9	5	1	0	0
Salt Lake	79	0	10	2	8	21	21	16	8	3	0	0
Southeastern	2	0	0	0	0	1	0	0	0	1	0	0
Carbon	0	0	0	0	0	0	0	0	0	0	0	0
Emery	1	0	0	0	0	0	0	0	0	1	0	0
Grand	0	0	0	0	0	0	0	0	0	0	0	0
San Juan	1	0	0	0	0	1	0	0	0	0	0	0
Southwest	17	0	3	1	2	5	4	3	2	0	0	0
Beaver	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	1	0	0	0	0	0	0	1	0	0	0	0
Iron	7	0	2	1	1	1	2	1	1	0	0	0
Kane	1	0	1	0	1	0	0	0	0	0	0	0
Washington	8	0	0	0	0	4	2	1	1	0	0	0
Summit	4	0	0	0	0	2	1	1	0	0	0	0
Tooele	4	0	1	1	0	1	2	0	0	0	0	0
Tri-County	3	0	1	0	1	0	1	1	0	0	0	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	1	0	0	0	0	0	0	1	0	0	0	0
Uintah	2	0	1	0	1	0	1	0	0	0	0	0
Utah County	40	0	1	0	1	12	10	7	8	2	0	0
Wasatch	4	0	1	0	1	1	1	1	0	0	0	0
Weber-Morgan	20	0	2	1	1	6	7	4	1	0	0	0
Morgan	1	0	0	0	0	0	0	0	1	0	0	0
Weber	19	0	2	1	1	6	7	4	0	0	0	0

Table A31. Fetal deaths by selected cause and gender, residents: Utah, 1999

Cause of death (10th rev.)	ICD code	Total	Gender		
			Male	Female	Indeter- minable
Total		215	106	106	3
Certain infectious and parasitic diseases	A00-B99	1	1	0	0
Other viral diseases	A80-B19, B25-B34	1	1	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	3	1	1	1
All other diseases excluding perinatal conditions, congenital anomalies, and symptoms, signs and ill	D65-D89, I00-J98, L00-N98	2	0	2	0
Certain conditions originating in the perinatal period	P00-P96	173	87	84	2
Fetus affected by maternal hypertensive disorders	P000	2	0	2	0
Fetus affected by maternal injury	P005	1	0	1	0
Fetus affected by other medical procedures and maternal conditions	P007-P008	1	1	0	0
Fetus affected by incompetent cervix	P010	2	1	1	0
Fetus affected by premature rupture of membranes	P011	4	1	3	0
Fetus affected by oligohydramnios	P012	1	0	1	0
Fetus affected by other forms of placental separation and hemorrhage	P021	10	5	5	0
Fetus affected by other and unspecified morphological and functional abnormalities of placenta	P022	6	5	1	0
Fetus affected by placental transfusion syndromes	P023	9	4	5	0
Fetus affected by prolapsed cord	P024	1	0	1	0
Fetus affected by other compression of umbilical cord	P025	46	21	25	0
Fetus affected by other and unspecified conditions of umbilical cord	P026	4	1	3	0
Fetus affected by chorioamnionitis	P027	4	3	1	0
Slow fetal growth and fetal malnutrition	P05	2	1	1	0
Extremely low birthweight or extreme immaturity	P070, P072	10	7	3	0
Intrauterine hypoxia first noted before onset of labor	P200	1	0	1	0
Birth asphyxia	P21	4	1	3	0
Other respiratory system disorders	P26-P27, P282-P289	1	1	0	0
Atelectasis	P280-P281	1	1	0	0
All other specified conditions originating in perinatal period	P29, P80-P81, P830-P831, P833-P839, P90-P91, P93-P94, P960, P963, P968	3	2	1	0
Other infections specific to the perinatal period	P358-P359, P372-P379, P38-P39	2	1	1	0

Table A31 continued. Fetal deaths by selected cause and gender, residents: Utah, 1999

Cause of death (10th rev.)	ICD code	Total	Gender		
			Male	Female	Indeter- minable
Bacterial sepsis	P36	1	0	1	0
Hematological disorders	P60-P61	1	0	1	0
Hydrops fetalis not due to hemolytic disease	P832	4	1	3	0
Fetal Death of unspecified cause	P95	52	30	20	2
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	36	17	19	0
Anencephaly and similar malformations	Q00	3	1	2	0
Other congenital malformations of brain	Q044-Q049	1	1	0	0
Congenital malformations of heart	Q20-Q24	6	5	1	0
Renal agenesis and other reduction defects of kidney	Q60	2	1	1	0
Congenital malformations and deformations of musculoskeletal system, limbs and integument	Q65-Q85	3	1	2	0
Multiple congenital malformations, not elsewhere classified	Q897	8	4	4	0
Down's syndrome	Q90	3	3	0	0
Edward's syndrome	Q910-Q913	3	0	3	0
Other chromosomal abnormalities, not elsewhere classified	Q92-Q99	7	1	6	0

Table A32. Deaths to infants by race, age and county of residence: Utah, 1999

District and county	Total			White			Black			Hispanic all races			Native American			Asian and Pacific Islander		
	Total	Post		Total	Post		Total	Post		Total	Post		Total	Post		Total	Post	
		Neo-natal	neo-natal		Neo-natal	neo-natal		Neo-natal	neo-natal		Neo-natal	neo-natal		Neo-natal	neo-natal		Neo-natal	neo-natal
Total	222	147	75	183	123	60	2	0	2	27	17	10	4	3	1	6	4	2
Bear River	15	12	3	14	11	3	0	0	0	1	1	0	0	0	0	0	0	0
Box Elder	2	2	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0
Cache	13	10	3	13	10	3	0	0	0	0	0	0	0	0	0	0	0	0
Rich	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	10	7	3	10	7	3	0	0	0	0	0	0	0	0	0	0	0	0
Juab	5	4	1	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0
Millard	1	1	0	1	1	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
Sanpete	3	2	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis	22	17	5	22	17	5	0	0	0	0	0	0	0	0	0	0	0	0
Salt Lake	88	59	29	66	44	22	2	0	2	14	11	3	1	1	0	5	3	2
Southeastern	3	0	3	1	0	1	0	0	0	1	0	1	1	0	1	0	0	0
Carbon	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Emery	1	0	1	1	0	1	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
San Juan	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Southwest	20	14	6	18	12	6	0	0	0	0	0	0	1	1	0	1	1	0
Beaver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Iron	6	5	1	4	3	1	0	0	0	0	0	0	1	1	0	1	1	0
Kane	3	1	2	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Washington	10	8	2	10	8	2	0	0	0	0	0	0	0	0	0	0	0	0
Summit	2	0	2	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0
Tooele	4	2	2	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Tri-County	6	4	2	5	3	2	0	0	0	0	0	0	1	1	0	0	0	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Uintah	4	3	1	3	2	1	0	0	0	0	0	0	1	1	0	0	0	0
Utah County	33	20	13	29	18	11	0	0	0	4	2	2	0	0	0	0	0	0
Wasatch	2	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber-Morgan	17	10	7	11	7	4	0	0	0	6	3	3	0	0	0	0	0	0
Morgan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber	17	10	7	11	7	4	0	0	0	6	3	3	0	0	0	0	0	0

Table A33. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1999

Cause of death (10th rev.)	ICD Code	Sex	Race			Age				
			Total	White	Non-white	28 days under 1 year	Total			
							28 days	7-27 days	1-6 days	Under 1 day
Total			222	183	39	75	147	31	20	96
Certain infectious and parasitic diseases	A00-B99	T	8	7	1	6	2	2	0	0
Other and unspecified infectious and parasit	A20-A32, A38, A42-A49, A51-A53, A55-A79, B35-B36, B38-B49, B55-B58, B60-B99	T M	1 1	1 1	0 0	1 1	0 0	0 0	0 0	0 0
Septicemia	A40-A41	T M F	5 1 4	4 1 3	1 0 1	4 1 3	1 0 1	1 0 1	0 0 0	0 0 0
Other and unspecified viral diseases	A81-B00, B02-B04, B06-B19, B25, B27-B34	T M F	2 1 1	2 1 1	0 0 0	1 1 0	1 0 1	1 0 1	0 0 0	0 0 0
Malignant Neoplasms	C00-C97	T	2	0	2	1	1	0	1	0
Leukemia	C91-C95	T M F	2 1 1	0 0 0	2 1 1	1 1 0	1 0 1	0 0 0	1 0 1	0 0 0
Endocrine, nutritional, and metabolic disease	E00-E88	T	7	7	0	4	3	1	1	1
All other endocrine, nutritional and metabol	E00-E32, E34.0-E34.2, E34.4-E34.9, E65-E83, E85, E88	T M	1 1	1 1	0 0	0 0	1 1	0 0	1 1	0 0
Short stature, not elsewhere classified	E34.3	T M	1 1	1 1	0 0	0 0	1 1	0 0	0 0	1 1
Volume depletion, disorders of fluid, electr	E86-E87	T M F	5 2 3	5 2 3	0 0 0	4 2 2	1 0 1	1 0 1	0 0 0	0 0 0
Diseases of the nervous system	G00-G98	T	4	3	1	3	1	1	0	0
Other diseases of nervous system	G04, G06-G11, G12.1-G12.9, G20-G72, G81-G92, G93.0,	T M	4 4	3 3	1 1	3 3	1 1	1 1	0 0	0 0
Diseases of the circulatory system	I00-I99	T	2	2	0	1	1	1	0	0
All other diseases of circulatory system	I00-I25, I31, I34-I38, I44-I45, I47-I51, I70-I99	T M	1 1	1 1	0 0	1 1	0 0	0 0	0 0	0 0
Cerebrovascular diseases	I60-I69	T F	1 1	1 1	0 0	0 0	1 1	1 1	0 0	0 0
Diseases of the respiratory system	J00-J98	T	7	7	0	3	4	1	1	2
Pneumonia	J12-J18	T M	1 1	1 1	0 0	1 1	0 0	0 0	0 0	0 0
Other and unspecified diseases of respirator	J22, J30-J39, J43-J44, J47-J68, J70-J98	T M F	5 3 2	5 3 2	0 0 0	1 1 0	4 2 2	1 1 0	1 0 1	2 1 1
Pneumonitis due to solids and liquids	J69	T M	1 1	1 1	0 0	1 1	0 0	0 0	0 0	0 0

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1999

Cause of death (10th rev.)	ICD Code	Sex	Total	Race		Age				
				White	Non-white	28 days		Total under 7-27 days	1-6 days	Under 1 day
						1 year	28 days			
Diseases of the digestive system	K00-K92	T	2	2	0	2	0	0	0	0
All other and unspecified diseases of digest	K00-K28, K30-K38, K57-K92	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
Certain conditions originating in the perinatal period	P00-P96	T	76	61	15	4	72	16	5	51
Newborn affected by maternal hypertensive di	P00.0	T	6	5	1	0	6	0	0	6
		M	2	1	1	0	2	0	0	2
		F	4	4	0	0	4	0	0	4
Newborn affected by incompetent cervix	P01.0	T	1	1	0	0	1	0	0	1
		F	1	1	0	0	1	0	0	1
Newborn affected by premature rupture of mem	P01.1	T	3	2	1	0	3	0	1	2
		M	3	2	1	0	3	0	1	2
Newborn affected by multiple pregnancy	P01.5	T	2	2	0	0	2	0	0	2
		M	1	1	0	0	1	0	0	1
		F	1	1	0	0	1	0	0	1
Newborn affected by complications involving	P02.0-P02.3	T	3	3	0	0	3	0	0	3
		M	2	2	0	0	2	0	0	2
		F	1	1	0	0	1	0	0	1
Newborn affected by chorioamnionitis	P02.7	T	1	1	0	0	1	0	0	1
		F	1	1	0	0	1	0	0	1
Extremely low birth weight or extreme immatu	P07.0-P07.2	T	13	10	3	0	13	2	0	11
		M	7	5	2	0	7	0	0	7
		F	6	5	1	0	6	2	0	4
Other low birth weight or preterm	P07.1-P07.3	T	10	8	2	0	10	1	0	9
		M	6	4	2	0	6	0	0	6
		F	4	4	0	0	4	1	0	3
Birth asphyxia	P21	T	2	1	1	0	2	1	0	1
		M	1	0	1	0	1	1	0	0
		F	1	1	0	0	1	0	0	1
Respiratory distress of newborn	P22	T	5	4	1	0	5	0	0	5
		M	2	2	0	0	2	0	0	2
		F	3	2	1	0	3	0	0	3
Congenital pneumonia	P23	T	3	2	1	0	3	3	0	0
		F	3	2	1	0	3	3	0	0
Interstitial emphysema and related condition	P25	T	1	1	0	0	1	0	0	1
		M	1	1	0	0	1	0	0	1
Chronic respiratory disease originating in t	P27	T	1	1	0	1	0	0	0	0
		F	1	1	0	1	0	0	0	0
Pulmonary hemorrhage originating in the peri	P26	T	1	1	0	0	1	0	1	0
		M	1	1	0	0	1	0	1	0

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1999

Cause of death (10th rev.)	ICD Code	Sex	Total	Race		Age					
				White	Non-white	28 days under		Total under 28 days	7-27 days	1-6 days	Under 1 day
						1 year	28 days				
Atelectasis	P28.0-P28.1	T	1	0	1	0	1	1	0	0	
		M	1	0	1	0	1	1	0	0	
All other respiratory conditions originating	P28.2-P28.9	T	2	2	0	2	0	0	0	0	
		M	2	2	0	2	0	0	0	0	
Other perinatal conditions	P29, P70.3-P70.9, P71-P76, P78-PT		5	5	0	0	5	0	2	3	
		M	3	3	0	0	3	0	2	1	
		F	2	2	0	0	2	0	0	2	
Bacterial sepsis of newborn	P36	T	6	5	1	0	6	4	0	2	
		M	5	5	0	0	5	3	0	2	
		F	1	0	1	0	1	1	0	0	
Neonatal hemorrhage	P50-P52, P54	T	6	4	2	0	6	3	1	2	
		M	6	4	2	0	6	3	1	2	
Hematological disorders	P60-P61	T	1	1	0	0	1	0	0	1	
		M	1	1	0	0	1	0	0	1	
Necrotizing enterocolitis of newborn	P77	T	2	1	1	1	1	1	0	0	
		M	1	0	1	1	0	0	0	0	
		F	1	1	0	0	1	1	0	0	
Hydrops fetalis not due to hemolytic disease	P83.2	T	1	1	0	0	1	0	0	1	
		F	1	1	0	0	1	0	0	1	
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	T	80	69	11	21	59	7	11	41	
Anencephaly and similar malformations	Q00	T	3	2	1	0	3	0	0	3	
		M	1	0	1	0	1	0	0	1	
		F	2	2	0	0	2	0	0	2	
Other congenital malformations of nervous sy	Q01-Q02, Q04, Q06-Q07	T	1	1	0	1	0	0	0	0	
		M	1	1	0	1	0	0	0	0	
Congenital hydrocephalus	Q03	T	2	1	1	0	2	0	0	2	
		M	1	1	0	0	1	0	0	1	
		F	1	0	1	0	1	0	0	1	
Spina bifida	Q05	T	1	1	0	1	0	0	0	0	
		M	1	1	0	1	0	0	0	0	
Other congenital malformations and deformati	Q10-Q18, Q86-Q89	T	4	1	3	0	4	0	0	4	
		M	2	1	1	0	2	0	0	2	
		F	2	0	2	0	2	0	0	2	
Congenital malformations of heart	Q20-Q24	T	26	24	2	12	14	6	4	4	
		M	19	17	2	8	11	4	4	3	
		F	7	7	0	4	3	2	0	1	
Other congenital malformations of circulator	Q25-Q28	T	2	2	0	1	1	0	0	1	
		M	1	1	0	1	0	0	0	0	
		F	1	1	0	0	1	0	0	1	
Congenital malformations of respiratory syst	Q30-Q34	T	20	18	2	2	18	1	3	14	
		M	13	13	0	0	13	1	1	11	
		F	7	5	2	2	5	0	2	3	

Table A33 continued. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1999

Cause of death (10th rev.)	ICD Code	Sex	Total	Race		Age				
				White	Non-white	28 days under		Total		
						1 year	28 days	7-27 days	1-6 days	Under 1 day
Congenital malformations of genitourinary sy	Q50-Q64	T	5	4	1	0	5	0	1	4
		M	3	2	1	0	3	0	1	2
		F	2	2	0	0	2	0	0	2
Congenital malformations and deformations of	Q65-Q85	T	4	4	0	0	4	0	2	2
		M	3	3	0	0	3	0	2	1
		F	1	1	0	0	1	0	0	1
Downs syndrome	Q90	T	2	2	0	1	1	0	0	1
		M	2	2	0	1	1	0	0	1
Edwards syndrome	Q91.0-Q91.3	T	7	6	1	2	5	0	1	4
		F	7	6	1	2	5	0	1	4
Pataus syndrome	Q91.4-Q91.7	T	2	2	0	0	2	0	0	2
		M	2	2	0	0	2	0	0	2
Other chromosomal abnormalities, not elsewhe	Q92-Q99	T	1	1	0	1	0	0	0	0
		M	1	1	0	1	0	0	0	0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	T	24	17	7	22	2	2	0	0
Other symptoms, signs and abnormal clinical	R00-R53, R55-R94, R96-R99	T	7	6	1	6	1	1	0	0
		M	4	4	0	3	1	1	0	0
		F	3	2	1	3	0	0	0	0
Sudden infant death syndrome	R95	T	17	11	6	16	1	1	0	0
		M	12	9	3	11	1	1	0	0
		F	5	2	3	5	0	0	0	0
Accidents	V01-X59, Y85-Y86	T	8	6	2	7	1	0	1	0
Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14T	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
Accidental suffocation and strangulation in	W75	T	5	3	2	4	1	0	1	0
		M	4	3	1	3	1	0	1	0
		F	1	0	1	1	0	0	0	0
Other accidental suffocation and strangulati	W76-W77, W81-W84	T	1	1	0	1	0	0	0	0
		M	1	1	0	1	0	0	0	0
Assault (homicide)	X-85-Y09, Y87.1	T	2	2	0	1	1	0	0	1
Assault (homicide) by other and unspecified	X85-X90, X92, X96-X99, Y00-Y05,T	T	2	2	0	1	1	0	0	1
		M	2	2	0	1	1	0	0	1

Table A34. Deaths to infants under one year of age by mother's health district and county of residence: Utah, 1999

District and county	Age							
	Total under 1 year	Infant mortality						
		28 days under 1 year	Neonatal mortality				Under 1 hour	Fetal deaths
			7-27 days	1-6 days	1-24 hours			
Total	222	75	31	20	47	49	215	
Bear River	15	3	2	1	5	4	13	
Box Elder	2	0	0	1	1	0	6	
Cache	13	3	2	0	4	4	7	
Rich	0	0	0	0	0	0	0	
Central Utah	10	3	0	1	5	1	2	
Juab	5	1	0	0	4	0	0	
Millard	1	0	0	0	0	1	2	
Piute	0	0	0	0	0	0	0	
Sanpete	3	1	0	1	1	0	0	
Sevier	1	1	0	0	0	0	0	
Wayne	0	0	0	0	0	0	0	
Davis	22	5	5	1	2	9	27	
Salt Lake	88	29	11	9	20	19	79	
Southeastern	3	3	0	0	0	0	2	
Carbon	1	1	0	0	0	0	0	
Emery	1	1	0	0	0	0	1	
Grand	0	0	0	0	0	0	0	
San Juan	1	1	0	0	0	0	1	
Southwest	20	6	4	1	3	6	17	
Beaver	0	0	0	0	0	0	0	
Garfield	1	1	0	0	0	0	1	
Iron	6	1	2	0	2	1	7	
Kane	3	2	0	1	0	0	1	
Washington	10	2	2	0	1	5	8	
Summit	2	2	0	0	0	0	4	
Tooele	4	2	1	0	0	1	4	
Tri-County	6	2	2	0	1	1	3	
Daggett	0	0	0	0	0	0	0	
Duchesne	2	1	1	0	0	0	1	
Uintah	4	1	1	0	1	1	2	
Utah County	33	13	4	5	7	4	40	
Wasatch	2	0	0	0	1	1	4	
Weber-Morgan	17	7	2	2	3	3	20	
Morgan	0	0	0	0	0	0	1	
Weber	17	7	2	2	3	3	19	

Table A35. Deaths by health district, county of residence and month: Utah, 1999

District and county	Total	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	11,981	1,106	1,039	1,059	991	967	901	952	961	919	1,022	946	1,118
Bear River	696	64	57	60	60	63	59	52	62	45	62	46	66
Box Elder	267	21	29	28	22	22	18	24	30	17	18	17	21
Cache	410	43	26	29	37	39	41	27	29	27	42	28	42
Rich	19	0	2	3	1	2	0	1	3	1	2	1	3
Central Utah	503	45	50	49	48	39	37	41	36	38	41	43	36
Juab	56	1	2	7	8	6	8	2	5	8	5	1	3
Millard	108	13	15	10	11	8	5	5	9	3	9	12	8
Piute	9	0	1	1	2	0	0	1	1	2	0	1	0
Sanpete	147	15	10	13	15	6	12	16	12	15	11	11	11
Sevier	160	12	20	16	11	16	9	15	9	7	16	16	13
Wayne	23	4	2	2	1	3	3	2	0	3	0	2	1
Davis	1,022	57	98	98	86	79	69	86	96	90	93	77	93
Salt Lake	4,962	466	430	453	431	384	385	388	393	373	412	390	457
Southeastern	393	36	18	31	35	32	31	37	31	28	34	30	50
Carbon	183	16	12	11	15	15	17	17	15	14	13	17	21
Emery	78	5	4	7	7	7	6	11	6	5	4	6	10
Grand	61	4	1	6	7	5	4	6	2	5	8	4	9
San Juan	71	11	1	7	6	5	4	3	8	4	9	3	10
Southwest	992	103	79	88	73	78	79	69	82	89	79	74	99
Beaver	57	4	4	4	5	9	8	2	4	6	4	4	3
Garfield	42	2	2	4	2	4	4	5	4	3	6	3	3
Iron	170	14	11	14	17	16	13	9	16	19	15	13	13
Kane	53	6	3	5	2	4	4	3	8	3	4	5	6
Washington	670	77	59	61	47	45	50	50	50	58	50	49	74
Summit	94	10	13	9	9	8	4	6	13	3	4	5	10
Tooele	215	27	23	13	16	23	21	17	13	16	14	18	14
Tri-County	248	25	22	28	16	17	17	19	17	22	18	21	26
Daggett	2	0	0	0	0	0	0	0	1	0	0	0	1
Duchesne	79	14	9	7	4	2	3	7	5	4	4	8	12
Uintah	167	11	13	21	12	15	14	12	11	18	14	13	13
Utah County	1,459	141	126	103	102	136	97	123	116	104	141	132	138
Wasatch	77	7	4	7	8	6	8	3	6	9	7	1	11
Weber-Morgan	1,320	125	119	120	107	102	94	111	96	102	117	109	118
Morgan	29	3	2	3	5	6	0	1	2	1	2	2	2
Weber	1,291	122	117	117	102	96	94	110	94	101	115	107	116

Table A36. Deaths by health district, county of residence, race and gender: Utah, 1999

District and county	Race and gender																				
	Total			White			Hispanic all races			Black			Native American			Asian and Pacific Islander			Not stated		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	11,981	5,855	6,126	11,186	5,527	5,659	418	172	246	72	27	45	132	55	77	158	68	90	15	6	9
Bear River	696	346	350	666	334	332	16	4	12	0	0	0	4	3	1	10	5	5	0	0	0
Box Elder	267	131	136	257	125	132	3	1	2	0	0	0	4	3	1	3	2	1	0	0	0
Cache	410	207	203	390	201	189	13	3	10	0	0	0	0	0	0	7	3	4	0	0	0
Rich	19	8	11	19	8	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	503	240	263	486	232	254	8	3	5	1	0	1	6	4	2	1	1	0	1	0	1
Juab	56	32	24	55	32	23	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Millard	108	54	54	106	53	53	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0
Piute	9	6	3	9	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	147	67	80	140	65	75	4	1	3	1	0	1	0	0	0	1	1	0	1	0	1
Sevier	160	73	87	153	68	85	2	2	0	0	0	0	5	3	2	0	0	0	0	0	0
Wayne	23	8	15	23	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis	1,022	515	507	965	494	471	27	12	15	7	2	5	4	1	3	17	6	11	2	0	2
Salt Lake	4,962	2,454	2,508	4,571	2,292	2,279	216	86	130	41	14	27	27	13	14	101	47	54	6	2	4
Southeastern	393	176	217	328	150	178	20	9	11	2	1	1	43	16	27	0	0	0	0	0	0
Carbon	183	86	97	168	78	90	13	7	6	2	1	1	0	0	0	0	0	0	0	0	0
Emery	78	34	44	77	34	43	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Grand	61	25	36	53	21	32	5	2	3	0	0	0	3	2	1	0	0	0	0	0	0
San Juan	71	31	40	30	17	13	1	0	1	0	0	0	40	14	26	0	0	0	0	0	0
Southwest	992	478	514	967	467	500	11	7	4	1	0	1	7	2	5	5	1	4	1	1	0
Beaver	57	26	31	56	26	30	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	42	21	21	40	19	21	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron	170	73	97	163	71	92	1	0	1	1	0	1	2	1	1	2	0	2	1	1	0
Kane	53	25	28	52	24	28	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	670	333	337	656	327	329	6	4	2	0	0	0	5	1	4	3	1	2	0	0	0
Summit	94	51	43	92	50	42	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Tooele	215	94	121	189	83	106	20	9	11	1	0	1	4	1	3	1	1	0	0	0	0
Tri-County	248	100	148	215	90	125	7	1	6	0	0	0	26	9	17	0	0	0	0	0	0
Daggett	2	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	79	35	44	75	34	41	0	0	0	0	0	0	4	1	3	0	0	0	0	0	0
Uintah	167	65	102	138	56	82	7	1	6	0	0	0	22	8	14	0	0	0	0	0	0
Utah County	1,459	701	758	1,418	682	736	24	10	14	2	1	1	4	3	1	9	3	6	2	2	0
Wasatch	77	36	41	74	36	38	2	0	2	0	0	0	1	0	1	0	0	0	0	0	0
Weber-Morgan	1,320	664	656	1,215	617	598	65	30	35	17	9	8	6	3	3	14	4	10	3	1	2
Morgan	29	12	17	29	12	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber	1,291	652	639	1,186	605	581	65	30	35	17	9	8	6	3	3	14	4	10	3	1	2

Table A37. Deaths by age, race and gender, residents: Utah, 1999

Age	Race and gender																				
	Total			White			Hispanic all races			Black			Native American			Asian and Pacific Islander			Race not stated		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	11,981	5,855	6,126	11,186	5,527	5,659	418	172	246	72	27	45	132	55	77	158	68	90	15	6	9
Under 1 year	222	84	138	183	67	116	27	12	15	2	2	0	4	1	3	6	2	4	0	0	0
Under 1 month	147	59	88	123	49	74	17	7	10	0	0	0	3	1	2	4	2	2	0	0	0
Under 1 week	116	45	71	96	37	59	15	6	9	0	0	0	1	0	1	4	2	2	0	0	0
Under 1 day	96	40	56	80	35	45	13	5	8	0	0	0	1	0	1	2	0	2	0	0	0
Under 1 hour	49	21	28	42	19	23	7	2	5	0	0	0	0	0	0	0	0	0	0	0	0
1 to 4	49	21	28	40	17	23	6	3	3	0	0	0	1	0	1	2	1	1	0	0	0
5 to 9	28	8	20	23	5	18	4	2	2	0	0	0	1	1	0	0	0	0	0	0	0
10 to 14	28	10	18	24	8	16	2	1	1	0	0	0	1	0	1	1	1	0	0	0	0
15 to 19	126	33	93	107	30	77	9	1	8	1	0	1	4	2	2	5	0	5	0	0	0
20 to 24	175	48	127	141	42	99	15	3	12	2	0	2	9	0	9	7	3	4	1	0	1
25 to 29	125	38	87	93	32	61	18	3	15	2	0	2	5	2	3	5	0	5	2	1	1
30 to 34	182	63	119	147	56	91	23	3	20	5	0	5	5	3	2	2	1	1	0	0	0
35 to 39	248	80	168	210	71	139	21	4	17	1	1	0	13	3	10	2	1	1	1	0	1
40 to 44	302	102	200	258	88	170	30	11	19	4	0	4	6	2	4	4	1	3	0	0	0
45 to 49	386	146	240	340	130	210	20	7	13	8	3	5	6	1	5	12	5	7	0	0	0
50 to 54	401	141	260	355	128	227	25	10	15	7	0	7	5	1	4	9	2	7	0	0	0
55 to 59	427	187	240	382	170	212	14	3	11	4	2	2	18	9	9	8	2	6	1	1	0
60 to 64	596	251	345	543	222	321	28	16	12	3	2	1	5	3	2	14	8	6	3	0	3
65 to 69	848	362	486	804	341	463	23	12	11	4	2	2	7	3	4	10	4	6	0	0	0
70 to 74	1,189	545	644	1,124	511	613	31	16	15	4	2	2	10	5	5	17	10	7	3	1	2
75 to 79	1,534	700	834	1,470	669	801	31	15	16	5	2	3	10	6	4	17	7	10	1	1	0
80 to 84	1,870	974	896	1,798	936	862	32	15	17	8	6	2	12	8	4	20	9	11	0	0	0
85 to 89	1,687	975	712	1,631	937	694	31	24	7	7	3	4	5	3	2	11	7	4	2	1	1
90 to 94	1,127	783	344	1,098	770	328	19	9	10	3	1	2	3	1	2	3	1	2	1	1	0
95 to 99	362	254	108	351	249	102	6	1	5	2	1	1	0	0	0	3	3	0	0	0	0
100 and over	67	49	18	63	47	16	2	1	1	0	0	0	2	1	1	0	0	0	0	0	0
Not stated	2	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0

Table A38a. Deaths by health district, county of residence, age and gender: Utah, 1999

District and county	Age and gender																	
	Total			Under 1			1-4			5-9			10-14			15-19		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	11,981	5,855	6,126	222	84	138	49	21	28	28	8	20	28	10	18	126	33	93
Bear River	696	346	350	15	8	7	5	1	4	2	0	2	3	2	1	11	3	8
Box Elder	267	131	136	2	1	1	4	1	3	0	0	0	1	0	1	4	1	3
Cache	410	207	203	13	7	6	1	0	1	2	0	2	2	2	0	7	2	5
Rich	19	8	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	503	240	263	10	6	4	2	1	1	1	0	1	0	0	0	4	1	3
Juab	56	32	24	5	5	0	1	1	0	1	0	1	0	0	0	1	1	0
Millard	108	54	54	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1
Piute	9	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	147	67	80	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	160	73	87	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2
Wayne	23	8	15	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Davis	1,022	515	507	22	9	13	3	1	2	3	1	2	2	0	2	12	5	7
Salt Lake	4,962	2,454	2,508	88	33	55	14	7	7	7	3	4	12	6	6	46	11	35
Southeastern	393	176	217	3	1	2	1	0	1	1	1	0	1	0	1	7	2	5
Carbon	183	86	97	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1
Emery	78	34	44	1	0	1	0	0	0	0	0	0	0	0	0	2	1	1
Grand	61	25	36	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
San Juan	71	31	40	1	0	1	1	0	1	1	1	0	0	0	0	3	1	2
Southwest	992	478	514	20	4	16	4	2	2	2	0	2	1	1	0	11	6	5
Beaver	57	26	31	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0
Garfield	42	21	21	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0
Iron	170	73	97	6	1	5	1	0	1	0	0	0	0	0	0	3	0	3
Kane	53	25	28	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Washington	670	333	337	10	3	7	1	1	0	2	0	2	1	1	0	7	5	2
Summit	94	51	43	2	2	0	1	1	0	1	0	1	0	0	0	2	0	2
Tooele	215	94	121	4	1	3	1	0	1	1	0	1	1	0	1	5	2	3
Uintah Basin	248	100	148	6	2	4	1	0	1	0	0	0	3	0	3	1	0	1
Daggett	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	79	35	44	2	1	1	0	0	0	0	0	0	1	0	1	0	0	0
Uintah	167	65	102	4	1	3	1	0	1	0	0	0	2	0	2	1	0	1
Utah County	1,459	701	758	33	10	23	10	5	5	5	1	4	4	1	3	17	3	14
Wasatch	77	36	41	2	1	1	4	1	3	0	0	0	0	0	0	2	0	2
Weber-Morgan	1,320	664	656	17	7	10	3	2	1	5	2	3	1	0	1	8	0	8
Morgan	29	12	17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Weber	1,291	652	639	17	7	10	3	2	1	5	2	3	1	0	1	7	0	7

One Salt Lake County male resident where age is unknown and one Salt Lake County female resident where age is unknown.

Table A38b. Deaths by health district, county of residence, age and gender: Utah, 1999

District and county	Age and gender																				
	20-24			25-29			30-34			35-39			40-44			45-49			50-54		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	175	48	127	125	38	87	182	63	119	248	80	168	302	102	200	386	146	240	401	141	260
Bear River	10	3	7	10	2	8	7	0	7	15	2	13	8	2	6	21	13	8	18	6	12
Box Elder	3	1	2	6	2	4	1	0	1	3	1	2	3	2	1	7	5	2	4	0	4
Cache	7	2	5	4	0	4	6	0	6	12	1	11	5	0	5	14	8	6	14	6	8
Rich	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	8	4	4	2	1	1	6	2	4	3	2	1	9	0	9	9	1	8	12	3	9
Juab	0	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	1	0
Millard	1	1	0	0	0	0	3	1	2	0	0	0	3	0	3	1	0	1	1	0	1
Piute	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	3	2	1	1	1	0	0	0	0	2	1	1	4	0	4	4	1	3	8	1	7
Sevier	2	1	1	1	0	1	2	1	1	0	0	0	1	0	1	4	0	4	2	1	1
Wayne	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis	14	5	9	13	5	8	20	6	14	22	8	14	27	7	20	39	14	25	33	15	18
Salt Lake	72	18	54	56	16	40	79	31	48	117	39	78	157	58	99	193	75	118	175	60	115
Southeastern	7	0	7	5	2	3	9	3	6	12	3	9	7	3	4	6	2	4	15	4	11
Carbon	1	0	1	3	1	2	3	1	2	5	1	4	2	1	1	2	1	1	5	0	5
Emery	2	0	2	0	0	0	5	2	3	0	0	0	1	1	0	0	0	0	4	2	2
Grand	0	0	0	1	1	0	1	0	1	2	1	1	4	1	3	3	1	2	3	1	2
San Juan	4	0	4	1	0	1	0	0	0	5	1	4	0	0	0	1	0	1	3	1	2
Southwest	15	7	8	5	2	3	9	4	5	15	4	11	18	6	12	17	8	9	32	14	18
Beaver	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	0	0	0	1	0	1
Garfield	1	0	1	0	0	0	1	1	0	2	1	1	0	0	0	0	0	0	0	0	0
Iron	6	4	2	1	1	0	1	1	0	3	1	2	2	0	2	5	2	3	7	2	5
Kane	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	5	4	1
Washington	8	3	5	3	1	2	6	1	5	8	1	7	15	5	10	12	6	6	19	8	11
Summit	2	0	2	1	1	0	3	0	3	4	2	2	3	1	2	3	2	1	4	3	1
Tooele	4	0	4	2	0	2	4	1	3	5	1	4	7	3	4	5	3	2	11	4	7
Uintah Basin	4	0	4	5	2	3	4	1	3	3	0	3	7	2	5	13	3	10	7	2	5
Daggett	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	0	0	0	3	1	2	2	1	1	0	0	0	2	1	1	5	2	3	3	1	2
Uintah	4	0	4	2	1	1	2	0	2	3	0	3	5	1	4	8	1	7	4	1	3
Utah County	24	7	17	15	5	10	26	9	17	19	5	14	30	10	20	35	12	23	46	14	32
Wasatch	1	1	0	3	0	3	0	0	0	1	1	0	0	0	0	5	0	5	1	1	0
Weber-Morgan	14	3	11	8	2	6	15	6	9	32	13	19	29	10	19	40	13	27	47	15	32
Morgan	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0
Weber	13	3	10	8	2	6	15	6	9	32	13	19	28	10	18	40	13	27	46	14	32

Table A38c. Deaths by health district, county of residence, age and gender: Utah, 1999

District and county	Age and gender																				
	55-59			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	T	M	F
Total	427	187	240	596	251	345	848	362	486	1,189	545	644	1,534	700	834	1,870	974	896	3,243	2,061	1,182
Bear River	15	3	12	27	8	19	45	24	21	64	28	36	99	53	46	104	54	50	217	134	83
Box Elder	8	2	6	15	4	11	21	12	9	31	15	16	42	25	17	38	14	24	74	45	29
Cache	5	0	5	11	3	8	22	11	11	32	13	19	55	27	28	60	37	23	138	88	50
Rich	2	1	1	1	1	0	2	1	1	1	0	1	2	1	1	6	3	3	5	1	4
Central Utah	18	4	14	23	12	11	42	18	24	56	25	31	71	31	40	83	38	45	144	91	53
Juab	2	0	2	4	2	2	6	2	4	1	1	0	6	3	3	12	7	5	13	8	5
Millard	2	1	1	5	3	2	4	1	3	13	6	7	16	8	8	18	9	9	39	23	16
Piute	0	0	0	0	0	0	1	0	1	0	0	0	2	1	1	1	1	0	5	4	1
Sanpete	6	1	5	6	2	4	17	7	10	17	9	8	16	6	10	21	8	13	39	28	11
Sevier	7	2	5	7	4	3	13	7	6	24	9	15	25	12	13	24	10	14	45	26	19
Wayne	1	0	1	1	1	0	1	1	0	1	0	1	6	1	5	7	3	4	3	2	1
Davis	24	9	15	52	22	30	82	41	41	118	65	53	131	62	69	163	91	72	242	149	93
Salt Lake	200	93	107	252	108	144	329	140	189	454	211	243	624	289	335	748	403	345	1,337	852	485
Southeastern	20	1	19	19	8	11	28	12	16	43	14	29	61	27	34	62	34	28	86	59	27
Carbon	10	1	9	13	5	8	14	5	9	21	6	15	18	10	8	30	14	16	54	39	15
Emery	3	0	3	2	2	0	6	3	3	7	1	6	18	5	13	13	7	6	14	10	4
Grand	3	0	3	3	0	3	5	3	2	9	4	5	12	5	7	8	6	2	5	2	3
San Juan	4	0	4	1	1	0	3	1	2	6	3	3	13	7	6	11	7	4	13	8	5
Southwest	22	15	7	56	25	31	66	32	34	98	40	58	130	56	74	178	82	96	293	170	123
Beaver	3	1	2	2	1	1	4	2	2	9	4	5	7	3	4	8	4	4	18	9	9
Garfield	0	0	0	4	1	3	1	0	1	5	2	3	7	6	1	8	2	6	11	7	4
Iron	4	4	0	7	4	3	17	6	11	24	9	15	23	11	12	20	6	14	40	21	19
Kane	3	3	0	5	2	3	3	1	2	9	2	7	1	0	1	9	4	5	13	7	6
Washington	12	7	5	38	17	21	41	23	18	51	23	28	92	36	56	133	66	67	211	126	85
Summit	4	2	2	3	1	2	7	2	5	9	2	7	12	4	8	3	2	1	30	26	4
Tooele	10	3	7	11	6	5	17	5	12	16	5	11	32	13	19	22	9	13	57	38	19
Uintah Basin	12	6	6	20	9	11	19	10	9	29	12	17	25	4	21	32	17	15	57	30	27
Daggett	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Duchesne	3	1	2	7	2	5	6	4	2	7	1	6	11	3	8	9	7	2	18	10	8
Uintah	9	5	4	13	7	6	13	6	7	22	11	11	14	1	13	22	10	12	38	20	18
Utah County	43	20	23	69	27	42	103	34	69	150	74	76	188	84	104	238	122	116	404	258	146
Wasatch	3	2	1	4	0	4	9	4	5	6	2	4	8	3	5	8	2	6	20	18	2
Weber-Morgan	56	29	27	60	25	35	101	40	61	146	67	79	153	74	79	229	120	109	356	236	120
Morgan	2	0	2	3	1	2	4	1	3	6	4	2	2	1	1	6	4	2	2	0	2
Weber	54	29	25	57	24	33	97	39	58	140	63	77	151	73	78	223	116	107	354	236	118

There is one male death to a Salt Lake County resident where the age is unknown and one female death to a Salt Lake County resident where the age is unknown.

Table A39a. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	Total	County								
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em ery	Gar fie ld
Total		11,981	57	267	410	183	2	1,022	79	78	42
Salmonella infections	A01-A02	1	0	1	0	0	0	0	0	0	0
Shigellosis and amebiasis	A03,A06	1	0	0	1	0	0	0	0	0	0
Certain other intestinal infections	A04,A07-A09	5	0	0	0	1	0	0	0	0	0
Tuberculosis	A16-A19	1	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis	A16	1	0	0	0	0	0	0	0	0	0
Other tuberculosis	A17-A19	0	0	0	0	0	0	0	0	0	0
Whooping cough	A37	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	A38, A46	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	A39	1	0	0	0	0	0	0	0	0	0
Septicemia	A40-A41	119	0	1	7	1	0	13	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, A852	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	12	0	0	0	0	0	0	0	0	0
Human immunodeficiency virus (HIV) disease	B20-B24	29	0	0	1	0	0	4	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, A850-A851, A858, A86-B04, B06-B09, B25-B49, B55-B99	55	0	1	2	1	0	4	0	1	0
Malignant neoplasms	C00-C97	2,375	8	49	76	37	0	212	16	15	9
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	31	1	0	2	0	0	2	0	0	0
Malignant neoplasm of esophagus	C15	42	0	0	0	1	0	1	0	1	0
Malignant neoplasm of stomach	C16	62	0	0	5	0	0	5	0	0	0
Malignant neoplasms of colon, rectum and anus	C18-C21	242	3	9	13	4	0	13	2	1	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	63	0	1	0	1	0	4	0	0	0
Malignant neoplasm of pancreas	C25	121	1	5	5	3	0	11	1	1	1
Malignant neoplasm of larynx	C32	9	0	0	0	0	0	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	399	1	6	9	7	0	33	2	2	1
Malignant melanoma of skin	C43	49	0	1	1	0	0	6	0	0	0
Malignant neoplasm of breast	C50	183	0	3	7	1	0	18	0	0	0
Malignant neoplasm of cervix uteri	C53	15	0	0	0	1	0	0	1	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	22	0	0	0	0	0	4	0	0	0
Malignant neoplasm of ovary	C56	78	0	3	4	0	0	2	1	0	0
Malignant neoplasm of prostate	C61	189	1	6	9	3	0	13	3	3	1

Table A39a continued. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Total		61	170	56	53	108	29	9	19	4,962	71
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	2	0
Tuberculosis	A16-A19	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis	A16	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	A17-A19	0	0	0	0	0	0	0	0	0	0
Whooping cough	A37	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	A38, A46	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	A39	0	0	0	0	0	0	0	0	0	0
Septicemia	A40-A41	1	4	0	0	0	0	0	0	42	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, A852	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	8	0
Human immunodeficiency virus (HIV) disease	B20-B24	0	0	0	0	0	0	0	0	15	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, A850-A851, A858, A86-B04, B06-B09, B25-B49, B55-B99	1	2	0	1	0	0	0	0	23	0
Malignant neoplasms	C00-C97	12	37	12	9	14	5	0	5	974	7
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	1	0	1	0	0	0	0	0	12	0
Malignant neoplasm of esophagus	C15	0	0	0	0	0	0	0	0	21	0
Malignant neoplasm of stomach	C16	1	0	0	0	1	0	0	0	28	1
Malignant neoplasms of colon, rectum and anus	C18-C21	1	2	0	0	4	0	0	3	99	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	0	2	0	0	0	0	0	0	25	0
Malignant neoplasm of pancreas	C25	0	2	0	1	1	1	0	0	44	1
Malignant neoplasm of larynx	C32	0	0	0	0	0	0	0	0	5	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	1	12	2	3	1	3	0	0	164	0
Malignant melanoma of skin	C43	0	0	0	0	1	0	0	0	23	0
Malignant neoplasm of breast	C50	1	3	1	0	0	0	0	0	84	0
Malignant neoplasm of cervix uteri	C53	0	0	0	0	0	0	0	0	9	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	0	0	0	0	0	0	0	0	9	0
Malignant neoplasm of ovary	C56	1	0	1	1	1	0	0	1	36	0
Malignant neoplasm of prostate	C61	0	3	0	0	2	0	0	0	71	2

Table A39a continued. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Total		147	160	94	215	167	1,459	77	670	23	1,291
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	0	0	0	0	0	1
Tuberculosis	A16-A19	0	0	0	0	0	0	0	0	0	1
Respiratory tuberculosis	A16	0	0	0	0	0	0	0	0	0	1
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	1	0	0	0	0
Septicemia	A40-A41	3	2	1	6	2	14	1	8	1	11
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, A852	0	0	0	0	0	0	0	0	0	0
Measles	B05	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	B15-B19	0	0	0	0	0	0	0	0	0	4
Human immunodeficiency virus (HIV) disease	B20-B24	1	0	0	0	1	2	0	0	0	5
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, A850-A851, A858, A86-B04, B06-B09, B25-B49, B55-B99	2	1	0	3	0	6	0	3	0	4
Malignant neoplasms	C00-C97	37	38	21	47	40	283	17	129	5	261
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	1	1	0	0	1	2	0	2	0	5
Malignant neoplasm of esophagus	C15	2	1	0	1	1	4	1	3	0	5
Malignant neoplasm of stomach	C16	0	0	0	0	0	11	0	4	0	6
Malignant neoplasms of colon, rectum and anus	C18-C21	3	5	4	8	3	31	3	16	1	14
Malignant neoplasms of liver and intrahepatic bile ducts	C22	1	0	0	4	1	9	0	6	0	9
Malignant neoplasm of pancreas	C25	0	2	1	1	4	12	1	8	0	14
Malignant neoplasm of larynx	C32	1	1	0	0	0	2	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	6	6	3	9	11	35	2	26	1	53
Malignant melanoma of skin	C43	0	1	1	2	1	8	0	1	0	3
Malignant neoplasm of breast	C50	4	2	3	2	1	25	1	9	0	18
Malignant neoplasm of cervix uteri	C53	0	0	0	0	0	0	0	2	0	2
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	0	0	1	0	0	2	0	0	0	6
Malignant neoplasm of ovary	C56	1	0	0	1	2	8	0	3	1	11
Malignant neoplasm of prostate	C61	5	3	3	1	2	32	4	9	0	13

Table A39b. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	Total	County								
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em ery	Gar fie ld
Malignant neoplasms of kidney and renal pelvis	C64-C65	37	1	0	0	1	0	7	0	0	0
Malignant neoplasm of bladder	C67	62	0	1	2	1	0	3	0	0	3
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	85	0	1	4	2	0	10	1	1	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	324	0	10	10	6	0	41	4	2	1
Hodgkin's disease	C81	7	0	0	1	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	120	0	5	4	3	0	15	2	1	1
Leukemia	C91-C95	134	0	2	1	2	0	16	1	0	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	63	0	3	4	1	0	10	1	1	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,	362	0	3	5	6	0	39	1	4	2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	100	3	3	4	0	0	9	1	1	2
Anemias	D50-D64	18	0	1	0	0	0	3	0	0	0
Diabetes mellitus	E10-E14	472	1	10	11	8	0	51	3	2	2
Nutritional deficiencies	E40-E64	31	0	0	0	0	0	5	0	0	0
Malnutrition	E40-E46	20	0	0	0	0	0	3	0	0	0
Other nutritional deficiencies	E50-E64	11	0	0	0	0	0	2	0	0	0
Meningitis	G00, G03	3	0	0	0	0	0	0	0	0	0
Parkinson's disease	G20-G21	111	0	4	9	1	0	10	1	0	0
Alzheimer's disease	G30	247	1	4	14	1	0	29	0	1	1
Major Cardiovascular diseases	I00-I78	3,892	23	92	130	79	1	336	20	26	16
Diseases of heart	I00-I09,I11,I13,I20-I51	2,761	4	35	54	39	0	163	9	15	9
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	51	1	0	2	1	0	3	0	1	0
Hypertensive heart disease	I11	69	0	0	0	1	0	8	0	0	0
Hypertensive heart and renal disease	I13	10	0	0	0	0	0	1	0	0	0
Ischemic heart diseases	I20-I25	1,702	3	35	52	37	0	151	9	14	9
Acute myocardial infarction	I21-I22	710	1	24	19	17	0	40	1	8	6
Other acute ischemic heart diseases	I24	6	0	0	0	0	0	0	1	0	0
Other forms of chronic ischemic heart disease	I20, I25	986	2	11	33	20	0	111	7	6	3
Atherosclerotic cardiovascular disease, so described	I250	134	0	0	2	6	0	25	3	1	1
All other forms of chronic ischemic heart disease	I20, I251-I259	852	2	11	31	14	0	86	4	5	2
Other heart diseases	I26-I51	929	15	19	36	8	1	77	8	4	3
Acute and subacute endocarditis	I33	6	0	1	0	0	0	0	0	0	0
Diseases of the pericardium and acute myocarditis	I30-I31, 140	4	0	0	0	0	0	1	0	0	0

Table A39b continued. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County										
		Grand	Iron	Juab	Kane	Millard	Moorgan	Piute	Rich	Salt Lake	San Juan	
Malignant neoplasms of kidney and renal pelvis	C64-C65	0	1	0	0	0	0	0	0	0	19	1
Malignant neoplasm of bladder	C67	1	2	1	0	0	0	0	0	0	21	1
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	2	0	0	1	0	0	0	0	1	31	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	0	9	1	2	1	0	0	0	0	117	1
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	0	5	0
Non-Hodgkin's lymphoma	C82-C85	0	3	0	2	1	0	0	0	0	40	0
Leukemia	C91-C95	0	5	1	0	0	0	0	0	0	51	1
Multiple myeloma and immunoproliferative neoplasms	C88, C90	0	1	0	0	0	0	0	0	0	21	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97	3	1	5	1	2	1	0	0	0	156	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	0	1	0	1	0	0	0	0	0	46	2
Anemias	D50-D64	0	1	0	0	0	0	0	0	0	5	0
Diabetes mellitus	E10-E14	1	8	2	1	4	2	0	1	190	3	
Nutritional deficiencies	E40-E64	0	0	0	2	0	0	0	0	0	10	0
Malnutrition	E40-E46	0	0	0	0	0	0	0	0	0	10	0
Other nutritional deficiencies	E50-E64	0	0	0	2	0	0	0	0	0	0	0
Meningitis	G00, G03	0	0	0	0	0	0	0	0	0	2	0
Parkinson's disease	G20-G21	0	0	0	0	1	0	0	0	0	40	0
Alzheimer's disease	G30	0	9	0	1	5	1	2	0	0	83	0
Major Cardiovascular diseases	I00-I78	13	48	19	18	35	8	5	6	1,496	18	
Diseases of heart	I00-I09, I11, I13, I20-I51	5	22	4	6	16	5	4	4	701	10	
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	0	1	0	1	0	1	0	0	20	0	
Hypertensive heart disease	I11	0	2	0	0	0	0	0	0	31	0	
Hypertensive heart and renal disease	I13	1	1	0	0	0	0	0	0	4	0	
Ischemic heart diseases	I20-I25	4	18	4	5	16	4	4	4	646	10	
Acute myocardial infarction	I21-I22	0	12	2	4	8	3	3	2	276	8	
Other acute ischemic heart diseases	I24	0	0	0	0	0	0	0	0	1	0	
Other forms of chronic ischemic heart disease	I20, I25	4	6	2	1	8	1	1	2	369	2	
Atherosclerotic cardiovascular disease, so described	I250	0	1	0	1	3	0	1	1	44	0	
All other forms of chronic ischemic heart disease	I20, I251-I259	4	5	2	0	5	1	0	1	325	2	
Other heart diseases	I26-I51	4	14	6	7	7	0	1	1	359	6	
Acute and subacute endocarditis	I33	0	0	0	0	0	0	0	0	3	1	
Diseases of the pericardium and acute myocarditis	I30-I31, 140	0	0	0	0	0	0	0	0	1	0	

Table A39b continued. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Malignant neoplasms of kidney and renal pelvis	C64-C65	0	0	0	0	0	2	0	1	1	3
Malignant neoplasm of bladder	C67	0	1	1	1	0	8	0	5	1	9
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	2	0	0	2	2	9	0	5	0	11
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	8	3	2	7	5	46	4	13	0	31
Hodgkin's disease	C81	0	1	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	5	1	1	4	1	14	0	7	0	10
Leukemia	C91-C95	1	0	1	3	2	22	4	3	0	18
Multiple myeloma and immunoproliferative neoplasms	C88, C90	2	1	0	0	2	10	0	3	0	3
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,	3	12	2	8	6	37	1	16	0	48
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	1	2	1	1	1	10	1	2	0	8
Anemias	D50-D64	1	0	0	1	1	1	1	2	0	1
Diabetes mellitus	E10-E14	5	9	1	9	7	57	2	27	1	54
Nutritional deficiencies	E40-E64	1	0	0	0	1	3	1	4	0	4
Malnutrition	E40-E46	0	0	0	0	1	1	0	3	0	2
Other nutritional deficiencies	E50-E64	1	0	0	0	0	2	1	1	0	2
Meningitis	G00, G03	0	1	0	0	0	0	0	0	0	0
Parkinson's disease	G20-G21	0	0	0	2	3	18	0	8	0	14
Alzheimer's disease	G30	2	5	3	3	3	23	1	27	0	28
Major Cardiovascular diseases	I00-I78	48	52	34	68	52	530	21	237	12	449
Diseases of heart	I00-I09,I11,I13,I20-I51	20	29	12	33	27	239	14	112	6	235
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	2	0	1	0	1	11	0	0	0	5
Hypertensive heart disease	I11	0	1	1	0	0	13	0	4	1	7
Hypertensive heart and renal disease	I13	0	0	0	0	0	3	0	0	0	0
Ischemic heart diseases	I20-I25	18	28	10	33	26	212	14	108	5	223
Acute myocardial infarction	I21-I22	13	14	1	19	14	73	7	54	4	77
Other acute ischemic heart diseases	I24	0	0	0	0	0	2	0	1	0	1
Other forms of chronic ischemic heart disease	I20, I25	5	14	9	14	12	137	7	53	1	145
Atherosclerotic cardiovascular disease, so described	I250	1	8	0	2	0	14	0	1	0	19
All other forms of chronic ischemic heart disease	I20, I251-I259	4	6	9	12	12	123	7	52	1	126
Other heart diseases	I26-I51	16	9	11	16	12	135	4	58	4	88
Acute and subacute endocarditis	I33	0	0	0	1	0	0	0	0	0	0
Diseases of the pericardium and acute myocarditis	I30-I31, 140	0	0	0	1	0	0	0	0	0	1

Table A39c. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	Total	County									
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em ery	Gar fie ld	
Heart failure	I50	378	11	8	10	6	0	26	5	3	1	
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	541	4	10	26	2	1	50	3	1	2	
Essential (primary) hypertension and hypertensive renal disease	I10, I12	67	1	2	3	0	0	5	0	0	0	
Cerebrovascular diseases	I60-I69	869	2	34	34	21	0	66	2	5	3	
Atherosclerosis	I70	69	0	0	0	8	0	17	0	2	0	
Other diseases of the circulatory system	I71-I78	126	1	2	3	3	0	8	1	0	1	
Aortic aneurysm and dissection	I71	72	0	2	1	2	0	4	0	0	1	
Other diseases of arteries, arterioles, and capillaries	I72-I78	54	1	0	2	1	0	4	1	0	0	
Other disorders of circulatory system	I80-I99	18	0	0	2	0	0	1	0	0	0	
Influenza and pneumonia	J10-J18	380	0	15	19	6	0	31	5	0	0	
Influenza	J10-J11	5	0	1	0	0	0	0	0	0	0	
Pneumonia	J12-J18	375	0	14	19	6	0	31	5	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	559	1	19	14	13	1	39	5	4	1	
Bronchitis, chronic and unspecified	J40-J42	6	0	0	1	0	0	1	0	0	0	
Emphysema	J43	90	0	6	2	2	0	8	1	0	0	
Asthma	J45-J46	29	0	0	1	0	0	3	0	1	0	
Other chronic lower respiratory diseases	J44, J47	434	1	13	10	11	1	27	4	3	1	
Pneumoconioses and chemical effects	J60-J66, J68	6	0	0	0	2	0	0	0	1	0	
Pneumonitis due to solids and liquids	J69	81	1	0	4	0	0	7	1	0	0	
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	146	1	1	8	1	0	9	2	1	0	
Peptic ulcer	K25-K28	23	0	1	0	1	0	1	0	0	0	
Diseases of appendix	K35-K38	2	0	0	1	1	0	0	0	0	0	
Hernia	K40-K46	7	0	0	0	0	0	1	0	0	0	
Chronic liver disease and cirrhosis	K70, K73-K74	134	1	3	5	1	0	14	0	2	0	
Alcoholic liver disease	K70	66	0	3	3	1	0	8	0	0	0	
Other chronic liver disease and cirrhosis	K73-K74	68	1	0	2	0	0	6	0	2	0	
Cholelithiasis and other disorders of gallbladder	K80-K82	106	1	6	2	0	0	14	3	0	1	
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	54	0	1	4	0	0	3	0	0	0	
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	2	0	0	0	0	0	0	0	0	0	
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	5	0	0	0	0	0	1	0	0	0	
Renal failure	N17-N19	46	0	1	4	0	0	2	0	0	0	
Other disorders of kidney	N25, N27	1	0	0	0	0	0	0	0	0	0	

Table A39c continued. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County										
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan	
Heart failure	I50	0	1	1	2	2	0	1	0	150	1	
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	4	13	5	5	5	0	0	1	205	4	
Essential (primary) hypertension and hypertensive renal disease	I10, I12	0	1	2	0	0	0	0	0	33	0	
Cerebrovascular diseases	I60-I69	4	10	7	3	8	2	0	1	351	2	
Atherosclerosis	I70	0	0	0	1	0	0	0	0	12	0	
Other diseases of the circulatory system	I71-I78	0	1	0	1	4	1	0	0	40	0	
Aortic aneurysm and dissection	I71	0	1	0	0	2	0	0	0	23	0	
Other diseases of arteries, arterioles, and capillaries	I72-I78	0	0	0	1	2	1	0	0	17	0	
Other disorders of circulatory system	I80-I99	0	0	0	0	1	0	0	0	10	0	
Influenza and pneumonia	J10-J18	1	4	1	3	7	1	1	0	146	4	
Influenza	J10-J11	0	0	0	0	0	0	0	0	2	0	
Pneumonia	J12-J18	1	4	1	3	7	1	1	0	144	4	
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	8	12	2	0	5	1	0	0	259	3	
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	3	0	
Emphysema	J43	0	1	0	0	0	1	0	0	47	0	
Asthma	J45-J46	0	2	0	0	0	0	0	0	13	2	
Other chronic lower respiratory diseases	J44, J47	8	9	2	0	5	0	0	0	196	1	
Pneumoconioses and chemical effects	J60-J66, J68	0	0	0	0	0	0	0	0	1	0	
Pneumonitis due to solids and liquids	J69	0	0	0	2	1	0	0	0	39	1	
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	2	0	0	0	0	0	0	2	60	3	
Peptic ulcer	K25-K28	0	0	0	0	1	0	0	0	10	0	
Diseases of appendix	K35-K38	0	0	0	0	0	0	0	0	0	0	
Hernia	K40-K46	0	0	0	1	0	0	0	0	2	0	
Chronic liver disease and cirrhosis	K70, K73-K74	1	1	1	1	0	1	0	0	63	0	
Alcoholic liver disease	K70	1	1	0	1	0	1	0	0	27	0	
Other chronic liver disease and cirrhosis	K73-K74	0	0	1	0	0	0	0	0	36	0	
Cholelithiasis and other disorders of gallbladder	K80-K82	0	2	1	1	0	2	0	0	35	0	
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	1	0	0	0	0	0	0	1	23	0	
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	0	0	0	0	0	0	0	0	2	0	
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	0	0	0	0	0	0	0	0	3	0	
Renal failure	N17-N19	1	0	0	0	0	0	0	1	18	0	
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0	

Table A39c continued. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wash satch	Wash ing ton	Way ne	We ber
Heart failure	I50	7	4	8	5	1	64	2	19	0	40
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	9	5	3	9	11	71	2	39	4	47
Essential (primary) hypertension and hypertensive renal disease	I10, I12	2	2	0	0	1	6	0	2	0	7
Cerebrovascular diseases	I60-I69	9	9	5	15	7	128	2	50	2	87
Atherosclerosis	I70	0	1	5	2	1	2	1	3	0	14
Other diseases of the circulatory system	I71-I78	1	2	1	2	4	20	0	12	0	18
Aortic aneurysm and dissection	I71	1	2	1	1	1	11	0	9	0	10
Other diseases of arteries, arterioles, and capillaries	I72-I78	0	0	0	1	3	9	0	3	0	8
Other disorders of circulatory system	I80-I99	1	0	0	0	0	2	0	1	0	0
Influenza and pneumonia	J10-J18	3	4	3	8	6	45	2	18	0	47
Influenza	J10-J11	0	1	0	0	0	1	0	0	0	0
Pneumonia	J12-J18	3	3	3	8	6	44	2	18	0	47
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	13	4	9	9	52	3	25	0	52
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	0	1
Emphysema	J43	1	2	2	0	1	4	0	2	0	10
Asthma	J45-J46	0	1	0	0	0	2	0	3	0	1
Other chronic lower respiratory diseases	J44, J47	4	10	2	9	8	46	3	20	0	40
Pneumoconioses and chemical effects	J60-J66, J68	0	0	0	0	0	1	0	0	0	1
Pneumonitis due to solids and liquids	J69	1	0	0	0	1	9	2	6	0	6
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	0	1	3	5	1	17	0	12	0	17
Peptic ulcer	K25-K28	1	0	0	2	0	2	0	1	0	3
Diseases of appendix	K35-K38	0	0	0	0	0	0	0	0	0	0
Hernia	K40-K46	0	0	0	0	1	2	0	0	0	0
Chronic liver disease and cirrhosis	K70, K73-K74	1	1	2	1	4	6	0	7	0	18
Alcoholic liver disease	K70	1	1	1	1	2	3	0	3	0	8
Other chronic liver disease and cirrhosis	K73-K74	0	0	1	0	2	3	0	4	0	10
Cholelithiasis and other disorders of gallbladder	K80-K82	4	3	1	0	2	8	0	9	0	11
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	1	1	0	0	0	11	1	2	0	5
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 nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	0	0	0	0	0	1	0	0	0	0
Renal failure	N17-N19	1	1	0	0	0	10	1	2	0	4
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	1

Table A39d. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	Total	County								
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em ery	Gar fie ld
Infections of kidney	N10-N12, N136, N151	11	0	0	0	0	0	1	0	0	0
Hyperplasia of prostate	N40	1	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	N70-N76	1	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and puerperium	O00-O99	5	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	5	0	0	0	0	0	1	0	0	0
Certain conditions originating in the perinatal period	P00-P96	77	0	0	3	0	0	11	1	0	0
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	125	0	3	10	0	0	16	0	1	0
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	R00-R99	368	1	2	9	1	0	33	2	2	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, N130-N135, N137-N139, N14, N150, N158-N159, N20-N23, N28-N39, N41-N64, N80-N98	1,239	7	24	36	10	0	79	11	11	4
Accidents	V01-X59, Y85-Y86	630	5	17	23	10	0	48	5	8	2
Transport accidents	V01-V99, Y85	381	2	13	15	8	0	26	3	4	1
Motor vehicle accidents	V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892	321	2	13	14	4	0	23	2	4	0
Other land transport accidents	V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899	42	0	0	1	3	0	2	1	0	1
Water, air and spae, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	18	0	0	0	1	0	1	0	0	0

Table A39d continued. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		Grand	Iron	Juab	Kane	Mil	Mo	Pi	Rich	Salt	San
Infections of kidney	N10-N12, N136, N151	0	0	0	0	1	0	0	0	2	0
Hyperplasia of prostate	N40	0	0	0	0	0	0	0	0	1	0
Inflammatory diseases of female pelvic organs	N70-N76	0	0	0	0	0	0	0	0	0	0
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	3	4	0	0	0	0	0	31	1
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	1	2	1	1	1	0	0	0	47	0
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	R00-R99	1	8	1	4	3	1	0	0	202	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, N130-N135, N137-N139, N14, N150, N158-N159, N20-N23, N28-N39, N41-N64, N80-N98	5	11	2	7	14	3	1	3	578	10
Accidents	V01-X59, Y85-Y86	9	8	8	0	13	1	0	1	229	16
Transport accidents	V01-V99, Y85	4	6	3	0	6	1	0	1	142	12
Motor vehicle accidents	V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892	4	4	3	0	6	0	0	0	120	12
Other land transport accidents	V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899	0	1	0	0	0	1	0	1	16	0
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	0	1	0	0	0	0	0	0	6	0

Table A39d continued. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Infections of kidney	N10-N12, N136, N151	1	0	0	0	0	1	0	2	0	3
Hyperplasia of prostate	N40	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	N70-N76	0	0	1	0	0	0	0	0	0	0
Pregnancy, childbirth and puerperium	O00-O99	0	0	0	0	0	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	0	2	0	1	0	0
Certain conditions originating in the perinatal period	P00-P96	0	0	0	1	3	11	2	4	0	2
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	2	1	0	3	0	15	2	7	0	12
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	R00-R99	5	2	4	3	1	37	3	11	0	30
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, N130-N135, N137-N139, N14, N150, N158-N159, N20-N23, N28-N39, N41-N64, N80-N98	13	10	4	17	14	153	6	70	1	135
Accidents	V01-X59, Y85-Y86	7	8	8	19	8	87	8	26	2	54
Transport accidents	V01-V99, Y85	5	4	6	11	3	48	5	16	2	34
Motor vehicle accidents	V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892	4	4	6	11	2	39	5	14	2	23
Other land transport accidents	V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899	0	0	0	0	0	7	0	2	0	6
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	1	0	0	0	1	2	0	0	0	5

Table A39e. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	Total	County								
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em ery	Gar fie ld
Nontransport accidents	W00-X59, Y86	249	3	4	8	2	0	22	2	4	1
Falls	W00-W19	67	0	0	3	2	0	11	0	0	0
Accidental discharge of firearms	W32-W34	1	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	W65-W74	23	0	0	3	0	0	0	1	2	0
Accidental exposure to smoke, fire, and flames	X00-X09	4	2	0	0	0	0	0	0	0	0
Accidental poisoning and exposure to noxious substances	X40-X49	29	0	2	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	125	1	2	2	0	0	10	1	2	1
Intentional self-harm (suicide)	X60-X84, Y870	282	3	4	10	5	0	24	2	2	2
Intentional self-harm (suicide) by discharge of firearms	X72-X74	154	2	3	4	5	0	8	2	2	2
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y870	128	1	1	6	0	0	16	0	0	0
Assault (homicide)	X85-Y09, Y871	51	0	2	2	0	0	1	0	0	0
Assault (homicide) by discharge of firearms	X93-X95	30	0	1	1	0	0	0	0	0	0
Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y871	21	0	1	1	0	0	1	0	0	0
Legal intervention	Y35, Y890	7	0	0	1	1	0	0	0	0	0
Events of undetermined intent	Y10-Y34, Y872, Y899	159	0	2	0	1	0	11	1	0	1
Discharge of firearms, undetermined intent	Y22-Y24	2	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y872, Y899	157	0	2	0	1	0	11	1	0	1
Operations of war and their sequelae	Y36, Y89.1	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	Y40-Y84, Y88	36	0	1	2	1	0	1	0	0	0

Table A39e continued. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County										
		Gr and	Ir on	Ju ab	Ka ne	Mil la rd	Mo rg an	Pi ute	Rich	Salt Lake	San Juan	
Nontransport accidents	W00-X59, Y86	5	2	5	0	7	0	0	0	0	87	4
Falls	W00-W19	3	0	4	0	3	0	0	0	0	17	0
Accidental discharge of firearms	W32-W34	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	W65-W74	0	0	0	0	0	0	0	0	0	4	0
Accidental exposure to smoke, fire, and flames	X00-X09	0	0	0	0	0	0	0	0	0	1	0
Accidental poisoning and exposure to noxious substances	X40-X49	0	0	0	0	1	0	0	0	0	14	0
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	2	2	1	0	3	0	0	0	0	51	4
Intentional self-harm (suicide)	X60-X84, Y870	3	7	0	0	1	2	0	0	0	122	1
Intentional self-harm (suicide) by discharge of firearms	X72-X74	2	3	0	0	1	2	0	0	0	64	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y870	1	4	0	0	0	0	0	0	0	58	1
Assault (homicide)	X85-Y09, Y871	0	0	0	0	0	0	0	0	0	33	0
Assault (homicide) by discharge of firearms	X93-X95	0	0	0	0	0	0	0	0	0	22	0
Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y871	0	0	0	0	0	0	0	0	0	11	0
Legal intervention	Y35, Y890	0	0	0	0	0	0	0	0	0	3	0
Events of undetermined intent	Y10-Y34, Y872, Y899	0	1	1	0	0	0	0	0	0	111	0
Discharge of firearms, undetermined intent	Y22-Y24	0	0	0	0	0	0	0	0	0	1	0
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y872, Y899	0	1	1	0	0	0	0	0	0	110	0
Operations of war and their sequelae	Y36, Y89.1	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	Y40-Y84, Y88	1	1	1	0	1	1	0	0	0	18	0

Table A39e continued. Deaths by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Nontransport accidents	W00-X59, Y86	2	4	2	8	5	39	3	10	0	20
Falls	W00-W19	1	1	0	0	0	7	1	6	0	8
Accidental discharge of firearms	W32-W34	0	0	0	0	0	1	0	0	0	0
Accidental drowning and submersion	W65-W74	0	0	1	1	1	7	1	0	0	2
Accidental exposure to smoke, fire, and flames	X00-X09	0	0	0	0	0	0	0	1	0	0
Accidental poisoning and exposure to noxious substances	X40-X49	0	1	0	2	1	5	0	2	0	0
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	1	2	1	5	3	19	1	1	0	10
Intentional self-harm (suicide)	X60-X84, Y870	1	4	2	4	5	32	3	14	1	28
Intentional self-harm (suicide) by discharge of firearms	X72-X74	1	1	1	3	3	17	3	9	0	16
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y870	0	3	1	1	2	15	0	5	1	12
Assault (homicide)	X85-Y09, Y871	0	0	0	1	0	3	0	1	0	8
Assault (homicide) by discharge of firearms	X93-X95	0	0	0	1	0	1	0	1	0	3
Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y871	0	0	0	0	0	2	0	0	0	5
Legal intervention	Y35, Y890	0	0	0	0	0	1	0	0	0	1
Events of undetermined intent	Y10-Y34, Y872, Y899	0	1	1	2	1	10	0	4	0	11
Discharge of firearms, undetermined intent	Y22-Y24	0	0	0	1	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y872, Y899	0	1	1	1	1	10	0	4	0	11
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	4	0	2	0	2

Table A40. Deaths by selected causes and age, residents: Utah, 1999

Cause of death (10th rev.)	ICD Code	All ages	Age										Un-known
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	
Total		11,981	222	49	56	301	307	550	787	1,023	2,037	6,647	2
Salmonella infections	A01-A02	1	0	0	0	0	0	0	0	0	0	1	0
Shigellosis and amebiasis	A03,A06	1	0	0	0	0	0	0	0	0	0	1	0
Certain other intestinal infections	A04,A07-A09	5	0	0	0	0	0	0	0	0	2	3	0
Tuberculosis	A16-A19	1	0	0	0	0	0	0	1	0	0	0	0
Respiratory tuberculosis	A16	1	0	0	0	0	0	0	1	0	0	0	0
Other tuberculosis	A17-A19	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	A37	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	A38, A46	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	A39	1	0	0	0	0	0	0	1	0	0	0	0
Septicemia	A40-A41	119	5	4	0	3	1	2	13	7	17	67	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, A852	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	12	0	0	0	0	0	2	2	1	3	4	0
Human immunodeficiency virus (HIV) disease	B20-B24	29	0	0	0	0	2	16	11	0	0	0	0
Malaria	B50-B54	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae	A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A850-A851, A858, A86-B04, B06-B09, B25-B49, B55-B99	55	3	2	0	0	2	3	9	8	9	19	0
Malignant neoplasms	C00-C97	2,375	2	5	9	29	34	90	214	345	626	1,021	0
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	31	0	0	0	0	0	0	6	9	6	10	0
Malignant neoplasm of esophagus	C15	42	0	0	0	0	0	0	5	11	11	15	0
Malignant neoplasm of stomach	C16	62	0	0	0	0	0	3	6	10	11	32	0
Malignant neoplasms of colon, rectum and anus	C18-C21	242	0	0	0	0	2	8	26	30	63	113	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	63	0	1	0	2	2	1	8	8	13	28	0
Malignant neoplasm of pancreas	C25	121	0	0	0	0	1	4	14	14	28	60	0
Malignant neoplasm of larynx	C32	9	0	0	0	0	0	0	1	1	3	4	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	399	0	0	0	0	0	6	27	79	134	153	0
Malignant melanoma of skin	C43	49	0	0	0	0	2	6	6	8	10	17	0
Malignant neoplasm of breast	C50	183	0	0	0	0	5	15	24	37	36	66	0
Malignant neoplasm of cervix uteri	C53	15	0	0	0	0	1	1	6	1	1	5	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	22	0	0	0	0	0	1	2	2	6	11	0
Malignant neoplasm of ovary	C56	78	0	0	0	1	0	3	6	18	25	25	0
Malignant neoplasm of prostate	C61	189	0	0	0	1	0	0	0	10	45	133	0

Table A40 continued. Deaths by selected causes and age, residents: Utah, 1999

Cause of death (10th rev.)	ICD Code	All ages	Age										75 and over	Un-known
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74			
Malignant neoplasms of kidney and renal pelvis	C64-C65	37	0	0	0	0	0	3	4	6	12	12	0	
Malignant neoplasm of bladder	C67	62	0	0	1	0	0	0	5	4	20	32	0	
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	85	0	1	0	3	5	6	10	19	27	14	0	
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	324	2	1	4	15	8	15	24	33	79	143	0	
Hodgkin's disease	C81	7	0	0	0	0	0	1	1	0	4	1	0	
Non-Hodgkin's lymphoma	C82-C85	120	0	0	0	4	4	4	11	16	27	54	0	
Leukemia	C91-C95	134	2	1	4	11	3	8	9	9	28	59	0	
Multiple myeloma and immunoproliferative neoplasms	C88, C90	63	0	0	0	0	1	2	3	8	20	29	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,	362	0	2	4	7	8	18	34	45	96	148	0	
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	100	0	0	0	2	2	5	8	11	16	56	0	
Anemias	D50-D64	18	0	0	0	0	0	1	0	2	2	13	0	
Diabetes mellitus	E10-E14	472	0	0	0	2	5	19	21	53	115	257	0	
Nutritional deficiencies	E40-E64	31	0	0	0	1	0	0	2	1	2	25	0	
Malnutrition	E40-E46	20	0	0	0	0	0	0	1	1	2	16	0	
Other nutritional deficiencies	E50-E64	11	0	0	0	1	0	0	1	0	0	9	0	
Meningitis	G00, G03	3	0	0	0	0	0	1	0	0	2	0	0	
Parkinson's disease	G20-G21	111	0	0	0	0	0	0	0	1	15	95	0	
Alzheimer's disease	G30	247	0	0	0	0	0	0	0	5	16	226	0	
Major Cardiovascular diseases	I00-I78	3,892	2	1	1	6	16	66	155	252	617	2,776	0	
Diseases of heart	I00-I09,I11,I13,I20-I51	2,761	0	0	1	1	4	32	91	149	326	1,228	0	
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	51	0	0	0	0	2	1	3	7	10	28	0	
Hypertensive heart disease	I11	69	0	0	0	0	0	2	2	6	6	53	0	
Hypertensive heart and renal disease	I13	10	0	0	0	0	0	1	0	1	0	8	0	
Ischemic heart diseases	I20-I25	1,702	0	0	1	1	2	28	86	135	310	1,139	0	
Acute myocardial infarction	I21-I22	710	0	0	1	1	0	6	28	66	153	455	0	
Other acute ischemic heart diseases	I24	6	0	0	0	0	0	0	0	0	1	5	0	
Other forms of chronic ischemic heart disease	I20, I25	986	0	0	0	0	2	22	58	69	156	679	0	
Atherosclerotic cardiovascular disease, so described	I250	134	0	0	0	0	0	0	11	8	16	99	0	
All other forms of chronic ischemic heart disease	I20, I251-I259	852	0	0	0	0	2	22	47	61	140	580	0	
Other heart diseases	I26-I51	929	1	1	0	5	8	23	29	47	146	669	0	
Acute and subacute endocarditis	I33	6	0	0	0	0	1	1	1	0	1	2	0	
Diseases of the pericardium and acute myocarditis	I30-I31, 140	4	0	0	0	0	0	1	1	1	0	1	0	

Table A40 continued. Deaths by selected causes and age, residents: Utah, 1999

Cause of death (10th rev.)	ICD Code	All ages	Age										75 and over	Un-known
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74			
Heart failure	I50	378	0	0	0	0	0	1	0	5	43	329	0	
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	541	1	1	0	5	7	20	27	41	102	337	0	
Essential (primary) hypertension and hypertensive renal disease	I10, I12	67	0	0	0	0	0	0	2	3	9	53	0	
Cerebrovascular diseases	I60-I69	869	1	0	0	0	3	8	27	39	103	688	0	
Atherosclerosis	I70	69	0	0	0	0	0	1	0	3	5	60	0	
Other diseases of the circulatory system	I71-I78	126	0	0	0	0	1	2	6	11	28	78	0	
Aortic aneurysm and dissection	I71	72	0	0	0	0	1	2	3	9	19	38	0	
Other diseases of arteries, arterioles, and capillaries	I72-I78	54	0	0	0	0	0	0	3	2	9	40	0	
Other disorders of circulatory system	I80-I99	18	0	0	0	0	2	1	1	1	3	10	0	
Influenza and pneumonia	J10-J18	380	1	1	2	2	1	4	6	20	36	307	0	
Influenza	J10-J11	5	0	0	0	0	0	0	0	1	0	4	0	
Pneumonia	J12-J18	375	1	1	2	2	1	4	6	19	36	303	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	559	0	0	0	0	1	2	14	72	168	302	0	
Bronchitis, chronic and unspecified	J40-J42	6	0	0	0	0	0	0	0	0	0	6	0	
Emphysema	J43	90	0	0	0	0	0	0	3	11	28	48	0	
Asthma	J45-J46	29	0	0	0	0	0	1	2	3	11	12	0	
Other chronic lower respiratory diseases	J44, J47	434	0	0	0	0	1	1	9	58	129	236	0	
Pneumoconioses and chemical effects	J60-J66, J68	6	0	0	0	0	0	0	1	0	2	3	0	
Pneumonitis due to solids and liquids	J69	81	1	0	0	1	1	3	3	3	8	61	0	
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	146	5	1	1	1	3	3	4	8	32	88	0	
Peptic ulcer	K25-K28	23	0	0	0	0	0	1	2	1	4	15	0	
Diseases of appendix	K35-K38	2	0	0	0	0	0	0	0	0	1	1	0	
Hernia	K40-K46	7	0	0	0	0	0	0	0	2	0	5	0	
Chronic liver disease and cirrhosis	K70, K73-K74	134	0	0	0	0	3	20	32	24	29	26	0	
Alcoholic liver disease	K70	66	0	0	0	0	3	12	21	15	8	7	0	
Other chronic liver disease and cirrhosis	K73-K74	68	0	0	0	0	0	8	11	9	21	19	0	
Cholelithiasis and other disorders of gallbladder	K80-K82	106	0	0	0	0	0	2	0	6	17	81	0	
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	54	0	1	0	0	3	2	3	3	8	34	0	
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	2	0	0	0	0	1	0	0	0	1	0	0	
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	5	0	0	0	0	0	1	1	0	0	3	0	
Renal failure	N17-N19	46	0	1	0	0	1	1	2	3	7	31	0	
Other disorders of kidney	N25, N27	1	0	0	0	0	1	0	0	0	0	0	0	

Table A40 continued. Deaths by selected causes and age, residents: Utah, 1999

Cause of death (10th rev.)	ICD Code	All ages	Age										Un-known
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	
Infections of kidney	N10-N12, N136, N151	11	0	0	0	0	0	1	0	0	1	9	0
Hyperplasia of prostate	N40	1	0	0	0	0	0	0	0	0	0	1	0
Inflammatory diseases of female pelvic organs	N70-N76	1	0	0	0	0	0	0	0	0	0	1	0
Pregnancy, childbirth and puerperium	O00-O99	5	0	0	0	1	4	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	5	0	0	0	1	4	0	0	0	0	0	0
Certain conditions originating in the perinatal period	P00-P96	77	76	0	1	0	0	0	0	0	0	0	0
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	125	80	6	5	7	2	7	7	3	3	5	0
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	R00-R99	368	24	2	2	5	15	24	26	31	57	182	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, N130-N135, N137-N139, N14, N150, N158-N159, N20-N23, N28-N39, N41-N64, N80-N98	1,239	13	5	8	14	21	54	90	81	157	795	1
Accidents	V01-X59, Y85-Y86	630	8	18	25	139	77	81	71	48	38	125	0
Transport accidents	V01-V99, Y85	381	2	8	17	118	56	55	48	34	18	25	0
Motor vehicle accidents	V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888,	321	2	8	15	103	46	46	38	29	13	21	0
Other land transport accidents	V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893,	42	0	0	2	13	6	5	5	3	5	3	0
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	18	0	0	0	2	4	4	5	2	0	1	0

Table A40 continued. Deaths by selected causes and age, residents: Utah, 1999

Cause of death (10th rev.)	ICD Code	All ages	Age										75 and over	Un-known
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74			
Nontransport accidents	W00-X59, Y86	249	6	10	8	21	21	26	23	14	20	100	0	
Falls	W00-W19	67	0	0	3	3	3	4	3	8	8	35	0	
Accidental discharge of firearms	W32-W34	1	0	0	0	1	0	0	0	0	0	0	0	
Accidental drowning and submersion	W65-W74	23	0	5	1	6	4	6	0	0	0	1	0	
Accidental exposure to smoke, fire, and flames	X00-X09	4	0	2	0	0	0	1	0	0	0	1	0	
Accidental poisoning and exposure to noxious substances	X40-X49	29	0	0	0	4	5	9	7	3	0	1	0	
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	125	6	3	4	7	9	6	13	3	12	62	0	
Intentional self-harm (suicide)	X60-X84, Y870	282	0	0	1	62	55	68	44	19	20	13	0	
Intentional self-harm (suicide) by discharge of firearms	X72-X74	154	0	0	0	34	26	36	20	16	16	6	0	
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y870	128	0	0	1	28	29	32	24	3	4	7	0	
Assault (homicide)	X85-Y09, Y871	51	2	1	0	12	18	6	6	3	2	1	0	
Assault (homicide) by discharge of firearms	X93-X95	30	0	0	0	9	10	4	3	3	1	0	0	
Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y871	21	2	1	0	3	8	2	3	0	1	1	0	
Legal intervention	Y35, Y890	7	0	0	0	3	2	2	0	0	0	0	0	
Events of undetermined intent	Y10-Y34, Y872, Y899	159	0	1	1	10	37	63	40	5	1	0	1	
Discharge of firearms, undetermined intent	Y22-Y24	2	0	0	0	1	1	0	0	0	0	0	0	
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y872, Y899	157	0	1	1	9	36	63	40	5	1	0	1	
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	36	0	1	0	1	0	1	0	7	8	18	0	

Table A41. Deaths by health district, county of occurrence and place where death occurred: Utah, 1999

District and county	Total	Place of death						Assisted living
		Hospital	Home	Enroute	Nursing home	Clinic or office	Other place	
Total	12,423	4,721	3,966	245	2,903	33	375	180
Bear River	630	165	204	15	209	1	19	17
Box Elder	237	60	83	10	71	0	9	4
Cache	377	105	114	5	138	1	5	9
Rich	16	0	7	0	0	0	5	4
Central Utah	419	120	128	29	94	0	44	4
Juab	73	24	12	9	22	0	6	0
Millard	89	23	30	7	15	0	12	2
Piute	3	0	2	0	0	0	1	0
Sanpete	97	31	39	10	9	0	8	0
Sevier	141	42	36	3	48	0	11	1
Wayne	16	0	9	0	0	0	6	1
Davis	912	263	362	15	247	1	12	12
Salt Lake	5,607	2,374	1,705	99	1,279	12	93	45
Southeastern	363	117	100	12	82	6	45	1
Carbon	191	80	52	12	45	0	1	1
Emery	51	0	21	0	17	5	8	0
Grand	55	16	19	0	0	0	20	0
San Juan	66	21	8	0	20	1	16	0
Southwest	1,034	376	287	14	267	3	55	32
Beaver	51	29	14	4	1	0	3	0
Garfield	41	14	9	3	9	0	6	0
Iron	147	51	58	2	19	0	15	2
Kane	48	14	10	2	15	1	6	0
Washington	747	268	196	3	223	2	25	30
Summit	63	0	41	1	0	6	15	0
Tooele	186	54	66	7	36	0	22	1
Uintah Basin	211	71	93	6	29	0	12	0
Daggett	1	0	0	0	0	0	1	0
Duchesne	88	38	24	5	15	0	6	0
Uintah	122	33	69	1	14	0	5	0
Utah County	1,552	651	503	24	288	2	22	62
Wasatch	66	20	20	4	13	1	8	0
Weber-Morgan	1,380	510	457	19	359	1	28	6
Morgan	16	0	11	0	0	1	4	0
Weber	1,364	510	446	19	359	0	24	6

Table A42. Deaths from injuries due to violence by health district, county of residence and cause: Utah, 1999

		Cause of death (10th rev.)					
		Accidents (V01-X59, Y85-Y86)					
District and county	Total	Motor vehicle accidents	Other transport accidents			Events of	
		V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890-V892	V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899, V90-V99, Y85 W00-W59, Y86	Assault (homicide)	Intentional self-harm (suicide)	Undetermined intent	
				X85-Y09 Y871	X60-X84, Y870	Y10-Y34, Y872, Y899	
Total	1,122	321	309	51	282	159	
Bear River	61	27	14	4	14	2	
Box Elder	25	13	4	2	4	2	
Cache	35	14	9	2	10	0	
Rich	1	0	1	0	0	0	
Central Utah	47	19	19	0	7	2	
Juab	9	3	5	0	0	1	
Millard	14	6	7	0	1	0	
Piute	0	0	0	0	0	0	
Sanpete	8	4	3	0	1	0	
Sevier	13	4	4	0	4	1	
Wayne	3	2	0	0	1	0	
Davis	84	23	25	1	24	11	
Salt Lake	495	120	109	33	122	111	
Southeastern	55	24	19	0	11	1	
Carbon	16	4	6	0	5	1	
Emery	10	4	4	0	2	0	
Grand	12	4	5	0	3	0	
San Juan	17	12	4	0	1	0	
Southwest	74	20	21	1	26	6	
Beaver	8	2	3	0	3	0	
Garfield	5	0	2	0	2	1	
Iron	16	4	4	0	7	1	
Kane	0	0	0	0	0	0	
Washington	45	14	12	1	14	4	
Summit	11	6	2	0	2	1	
Tooele	26	11	8	1	4	2	
Uintah Basin	22	4	9	0	7	2	
Daggett	0	0	0	0	0	0	
Duchesne	8	2	3	0	2	1	
Uintah	14	2	6	0	5	1	
Utah County	132	39	48	3	32	10	
Wasatch	11	5	3	0	3	0	
Weber-Morgan	104	23	32	8	30	11	
Morgan	3	0	1	0	2	0	
Weber	101	23	31	8	28	11	

Table A43. Deaths from injuries due to violence by age, gender and cause, residents: Utah, 1999

Age and gender	Cause of death (10th rev.)					
	Accidents (V01-X59, Y85-Y86)					Events of Undetermined intent Y10-Y34, Y872, Y899
	Motor vehicle accidents V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890-V892	Other transport accidents V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899, V90-V99, Y85, W00-W59, Y86		Assault (homicide) X85-Y09, Y871	Intentional self-harm (suicide) X60-X84, Y870	
	Total					
Total	1,122	321	309	51	282	159
Male	805	214	193	36	241	121
Female	317	107	116	15	41	38
Under 15	57	25	26	3	1	2
Male	40	13	21	3	1	2
Female	17	12	5	0	0	0
15-19	96	45	17	3	27	4
Male	73	28	13	3	25	4
Female	23	17	4	0	2	0
20-24	127	58	19	9	35	6
Male	98	40	14	4	34	6
Female	29	18	5	5	1	0
25-34	187	46	31	18	55	37
Male	153	37	27	13	48	28
Female	34	9	4	5	7	9
35-44	218	46	35	6	68	63
Male	169	31	28	4	55	51
Female	49	15	7	2	13	12
45-54	161	38	33	6	44	40
Male	115	28	23	4	34	26
Female	46	10	10	2	10	14
55-64	75	29	19	3	19	5
Male	53	17	14	3	16	3
Female	22	12	5	0	3	2
65-74	61	13	25	2	20	1
Male	41	8	14	1	18	0
Female	20	5	11	1	2	1
75-84	74	14	51	1	8	0
Male	36	8	21	1	6	0
Female	38	6	30	0	2	0
85 and over	65	7	53	0	5	0
Male	26	4	18	0	4	0
Female	39	3	35	0	1	0
Others	1	0	0	0	0	1
Male	1	0	0	0	0	1
Female	0	0	0	0	0	0

Table A44. Deaths from injuries due to violence by race, gender and cause, residents: Utah, 1999

Race and gender	Cause of death (10th rev.)							
	Total	Accidents (V01-X59, Y85-Y86)				Assault (homicide) X85-Y09 Y871	Intentional self-harm (suicide) X60-X84, Y870	Events of Undetermined intent Y10-Y34, Y872, Y899
		Motor vehicle accidents		Other transport accidents				
		V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890-V892	V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899, V90-V99, Y85 W00-W59, Y86					
Total	1,122	321	309	51	282	159		
Male	805	214	193	36	241	121		
Female	317	107	116	15	41	38		
White	942	241	281	34	249	137		
Male	661	154	171	23	213	100		
Female	281	87	110	11	36	37		
Black	12	3	3	3	0	3		
Male	11	3	2	3	0	3		
Female	1	0	1	0	0	0		
Hispanic all races	104	46	17	13	15	13		
Male	80	34	13	9	12	12		
Female	24	12	4	4	3	1		
Native American	34	19	4	0	8	3		
Male	28	14	4	0	7	3		
Female	6	5	0	0	1	0		
Asian and Pacific	27	10	4	1	10	2		
Male	22	7	3	1	9	2		
Female	5	3	1	0	1	0		
Race Unknown	3	2	0	0	0	1		
Male	3	2	0	0	0	1		
Female	0	0	0	0	0	0		

Table A45. Deaths from injuries due to accidents by cause and month, occurrences: Utah, 1999

Cause of death (10th rev.)	Total	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	757	62	38	50	69	75	61	93	74	62	77	45	51
Motor vehicle V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20- V79, V803-V805, V810-V811, V82 -V821, V83-V86, V870-V878, V880-V888, V890,V892	410	28	16	26	38	40	37	52	42	37	47	25	22
Other transport accidents V01, V06, V091, V093, V099, V10-V11, V16-V18, V193, V198- V199, V800-V802, V807-V809, V879, V889, V891,V893, V899, V98-V99,Y85	54	7	2	7	9	4	5	0	2	3	6	3	6
Railway V05, V15, V806, V812-V819	1	0	0	0	0	0	0	0	0	0	1	0	0
Water Transport V90-V94	5	0	0	0	2	1	0	0	0	1	0	1	0
Air and space transport V95-V97	12	2	0	0	0	4	0	5	0	0	1	0	0
Falls W00-W19	76	4	6	8	8	10	2	7	11	5	6	4	5
All other and unspecified W20-W31, W35-W38, W41-W64, W92-W99, X20-X32, X39, X50- X59, Y86	100	9	12	5	8	5	5	13	9	10	9	7	8
Discharge of firearms W32-W34	1	0	0	0	0	0	0	0	0	0	0	0	1
Explosion W39-W40	1	0	0	0	0	0	0	1	0	0	0	0	0
Drowning and submersion W65-W74	28	0	1	1	0	2	5	11	4	1	2	1	0
Other accidental and unspecified threats to breathing W75-W77, W81-W84	12	3	0	0	1	0	0	1	1	2	1	0	3
Inhalation and ingestion of food or other objects causing obst W78-W80	10	1	0	0	1	0	1	0	1	1	2	1	2
Electric Current W85-W87	3	0	0	0	0	1	0	0	0	0	0	1	1
Smoke, fire and flames X00-X09	6	0	0	1	0	0	3	1	0	0	0	0	1
Nature and environment X33-X38	9	4	1	0	1	2	0	0	1	0	0	0	0
Poisoning X40-X49	29	4	0	2	1	6	3	2	3	2	2	2	2

Table A46. Deaths from injuries due to accidents by cause, age and gender, occurrences: Utah, 1999

Cause of death (10th rev.)	Age and gender																											
	Total			Under 15			15-19			20-24			25-34			35-44			45-54			55-64			65 and over			
	Total	Male	Fe- male	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	757	258	499	59	23	36	77	25	52	87	25	62	91	19	72	107	28	79	79	24	55	69	19	50	188	95	93	
Motor vehicle accidents V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V82 -V821, V83-V86, V870-V878, V880-V888, V890,V892	410	134	276	31	17	14	55	19	36	65	20	45	57	13	44	64	20	44	43	13	30	45	14	31	50	18	32	
Other transport accidents V01, V06, V091, V093, V099, V10-V11, V16- V18, V193, V198-V199, V800-V802, V807-V809, V879, V889, V891,V893, V899, V98-V99,Y85	54	17	37	2	0	2	6	2	4	8	2	6	9	4	5	8	3	5	6	1	5	6	1	5	9	4	5	
Railway V05, V15, V806, V812-V819	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Water Transport V90-V94	5	1	4	0	0	0	0	0	0	1	1	0	2	0	2	0	0	0	1	0	1	1	0	1	0	0	0	
Air and space transport V95-V97	12	3	9	0	0	0	0	0	0	1	0	1	1	0	1	4	2	2	4	1	3	1	0	1	1	0	1	
Falls W00-W19	76	34	42	4	0	4	4	2	2	2	0	2	3	0	3	5	1	4	5	1	4	9	3	6	44	27	17	
All other and unspecified W20-W31, W35-W38, W41-W64, W92-W99, X20- X32, X39, X50-X59, Y86	100	46	54	3	1	2	4	0	4	0	0	0	8	0	8	4	0	4	8	3	5	3	0	3	70	42	28	
Discharge of firearms W32-W34	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Explosion W39-W40	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Drowning and submersion W65-W74	28	4	24	7	1	6	3	1	2	3	1	2	5	1	4	7	0	7	0	0	0	0	0	0	0	3	0	3
Other accidental and unspecified threats to breathing W75-W77, W81-W84	12	3	9	8	2	6	0	0	0	1	0	1	0	0	0	2	0	2	1	1	0	0	0	0	0	0	0	0
Inhalation and ingestion of food or other objects causing obst W78-W80	10	6	4	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	7	3	4
Electric Current W85-W87	3	0	3	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0
Smoke, fire and flames X00-X09	6	1	5	2	1	1	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	1	1	0	1	
Nature and environment X33-X38	9	2	7	0	0	0	2	0	2	1	0	1	1	0	1	2	1	1	2	1	1	0	0	0	1	0	1	
Poisoning X40-X49	29	7	22	0	0	0	2	0	2	2	1	1	5	1	4	9	1	8	7	2	5	3	1	2	1	1	0	

Table A47a. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	Total	County								
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em ery	Gar fie ld
Total		418	1	3	13	13	0	27	0	1	2
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	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	5	0	0	1	1	0	0	0	0	0
Syphilis	A50-A53	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	A80	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis	A83-A84, A852	0	0	0	0	0	0	0	0	0	0
Measles	B05	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	B15-B19	0	0	0	0	0	0	0	0	0	0
Human immunodeficiency virus (HIV) disease	B20-B24	5	0	0	0	0	0	1	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, A850-A851, A858, A86-B04, B06-B09, B25-B49, B55-B99	4	0	0	0	0	0	0	0	0	0
Malignant neoplasms	C00-C97	68	1	1	1	3	0	3	0	0	0
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	1	0	0	0	0	0	0	0	0	0
Malignant neoplasm of esophagus	C15	2	0	0	0	1	0	0	0	0	0
Malignant neoplasm of stomach	C16	3	0	0	0	0	0	0	0	0	0
Malignant neoplasms of colon, rectum and anus	C18-C21	4	0	0	0	0	0	0	0	0	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	9	0	0	0	0	0	1	0	0	0
Malignant neoplasm of pancreas	C25	3	0	0	0	0	0	0	0	0	0
Malignant neoplasm of larynx	C32	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	8	1	0	0	1	0	0	0	0	0
Malignant melanoma of skin	C43	1	0	0	0	0	0	1	0	0	0
Malignant neoplasm of breast	C50	3	0	0	0	0	0	0	0	0	0
Malignant neoplasm of cervix uteri	C53	2	0	0	0	0	0	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	1	0	0	0	0	0	0	0	0	0
Malignant neoplasm of ovary	C56	1	0	0	0	0	0	0	0	0	0
Malignant neoplasm of prostate	C61	4	0	0	0	1	0	0	0	0	0

Table A47a continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Total		5	1	1	1	1	0	0	0	216	1
Salmonella infections	A01-A02	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	A03,A06	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	A04,A07-A09	0	0	0	0	0	0	0	0	0	0
Tuberculosis	A16-A19	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis	A16	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	A17-A19	0	0	0	0	0	0	0	0	0	0
Whooping cough	A37	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	A38, A46	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	A39	0	0	0	0	0	0	0	0	0	0
Septicemia	A40-A41	0	0	0	0	0	0	0	0	0	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, A852	0	0	0	0	0	0	0	0	0	0
Measles	B05	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	B15-B19	0	0	0	0	0	0	0	0	0	0
Human immunodeficiency virus (HIV) disease	B20-B24	0	0	0	0	0	0	0	0	3	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, A850-A851, A858, A86-B04, B06-B09, B25-B49, B55-B99	0	0	0	0	0	0	0	0	3	0
Malignant neoplasms	C00-C97	1	0	0	0	0	0	0	0	29	0
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	0	0	0	3	0
Malignant neoplasms of colon, rectum and anus	C18-C21	0	0	0	0	0	0	0	0	1	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	0	0	0	0	0	0	0	0	5	0
Malignant neoplasm of pancreas	C25	0	0	0	0	0	0	0	0	1	0
Malignant neoplasm of larynx	C32	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of trachea, bronchus and lung	C33-C34	0	0	0	0	0	0	0	0	3	0
Malignant melanoma of skin	C43	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	C50	0	0	0	0	0	0	0	0	1	0
Malignant neoplasm of cervix uteri	C53	0	0	0	0	0	0	0	0	2	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of ovary	C56	1	0	0	0	0	0	0	0	0	0
Malignant neoplasm of prostate	C61	0	0	0	0	0	0	0	0	1	0

Table A47a continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death 10th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Total		4	2	2	20	7	24	2	6	0	65
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	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	0	0	0	2	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, A852	0	0	0	0	0	0	0	0	0	0
Measles	B05	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	B15-B19	0	0	0	0	0	0	0	0	0	0
Human immunodeficiency virus (HIV) disease	B20-B24	0	0	0	0	0	0	0	0	0	1
Malaria	B50-B54	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae	A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A850-A851, A858, A86-B04, B06-B09, B25-B49, B55-B99	0	0	0	1	0	0	0	0	0	0
Malignant neoplasms	C00-C97	0	1	0	5	3	5	0	2	0	13
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	0	0	0	0	0	0	0	1	0	0
Malignant neoplasm of esophagus	C15	0	0	0	0	1	0	0	0	0	0
Malignant neoplasm of stomach	C16	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of colon, rectum and anus	C18-C21	0	1	0	2	0	0	0	0	0	0
Malignant neoplasms of liver and intrahepatic bile ducts	C22	0	0	0	2	0	0	0	0	0	1
Malignant neoplasm of pancreas	C25	0	0	0	0	1	0	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	1	0	0	0	0	2
Malignant melanoma of skin	C43	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	C50	0	0	0	0	0	1	0	0	0	1
Malignant neoplasm of cervix uteri	C53	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	0	0	0	0	0	0	0	0	0	1
Malignant neoplasm of ovary	C56	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of prostate	C61	0	0	0	0	0	0	0	0	0	2

Table A47b. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	Total	County								
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em ery	Gar fie ld
Malignant neoplasms of kidney and renal pelvis	C64-C65	2	0	0	0	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	4	0	0	1	0	0	0	0	0	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	8	0	1	0	0	0	0	0	0	0
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	4	0	1	0	0	0	0	0	0	0
Leukemia	C91-C95	3	0	0	0	0	0	0	0	0	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	1	0	0	0	0	0	0	0	0	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80,	11	0	0	0	0	0	1	0	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	5	0	0	0	0	0	0	0	0	0
Anemias	D50-D64	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus	E10-E14	18	0	0	0	0	0	2	0	0	0
Nutritional deficiencies	E40-E64	1	0	0	0	0	0	0	0	0	0
Malnutrition	E40-E46	1	0	0	0	0	0	0	0	0	0
Other nutritional deficiencies	E50-E64	0	0	0	0	0	0	0	0	0	0
Meningitis	G00, G03	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	G20-G21	2	0	0	0	0	0	0	0	0	0
Alzheimer's disease	G30	1	0	0	0	0	0	0	0	0	0
Major Cardiovascular diseases	I00-I78	89	0	1	3	7	0	11	0	0	1
Diseases of heart	I00-I09,I11,I13,I20-I51	66	0	1	1	2	0	8	0	0	1
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	1	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	47	0	1	1	2	0	8	0	0	1
Acute myocardial infarction	I21-I22	22	0	1	0	1	0	2	0	0	1
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	25	0	0	1	1	0	6	0	0	0
Atherosclerotic cardiovascular disease, so described	I250	2	0	0	0	0	0	1	0	0	0
All other forms of chronic ischemic heart disease	I20, I251-I259	23	0	0	1	1	0	5	0	0	0
Other heart diseases	I26-I51	18	0	0	0	1	0	0	0	0	0
Acute and subacute endocarditis	I33	0	0	0	0	0	0	0	0	0	0
Diseases of the pericardium and acute myocarditis	I30-I31, 140	1	0	0	0	0	0	0	0	0	0

Table A47b continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
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	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	0	0	0	0	0	0	0	0	1	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	0	0	0	0	0	0	0	0	2	0
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	0	0	0	0	0	0	0	0	1	0
Leukemia	C91-C95	0	0	0	0	0	0	0	0	1	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	0	0	0	0	0	0	0	0	0	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80,	0	0	0	0	0	0	0	0	7	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	0	0	0	0	0	0	0	0	1	0
Anemias	D50-D64	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus	E10-E14	0	0	0	0	0	0	0	0	8	0
Nutritional deficiencies	E40-E64	0	0	0	0	0	0	0	0	1	0
Malnutrition	E40-E46	0	0	0	0	0	0	0	0	1	0
Other nutritional deficiencies	E50-E64	0	0	0	0	0	0	0	0	0	0
Meningitis	G00, G03	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	G20-G21	0	0	0	0	0	0	0	0	1	0
Alzheimer's disease	G30	0	0	0	0	0	0	0	0	1	0
Major Cardiovascular diseases	I00-I78	1	0	0	1	0	0	0	0	45	0
Diseases of heart	I00-I09, I11, I13, I20-I51	0	0	0	1	0	0	0	0	23	0
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	0	0	0	1	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	0	0	0	0	0	0	0	0	23	0
Acute myocardial infarction	I21-I22	0	0	0	0	0	0	0	0	13	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	10	0
Atherosclerotic cardiovascular disease, so described	I250	0	0	0	0	0	0	0	0	1	0
All other forms of chronic ischemic heart disease	I20, I251-I259	0	0	0	0	0	0	0	0	9	0
Other heart diseases	I26-I51	0	0	0	0	0	0	0	0	16	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, 140	0	0	0	0	0	0	0	0	0	0

Table A47b continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County										
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wash satch	Wash ing ton	Way ne	We ber	
Malignant neoplasms of kidney and renal pelvis	C64-C65	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of bladder	C67	0	0	0	0	0	0	0	0	1	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	0	0	0	0	0	0	0	0	0	0	2
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	0	0	0	1	0	2	0	0	0	0	2
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	0	0	0	1	0	1	0	0	0	0	0
Leukemia	C91-C95	0	0	0	0	0	0	0	0	0	0	2
Multiple myeloma and immunoproliferative neoplasms	C88, C90	0	0	0	0	0	1	0	0	0	0	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80,	0	0	0	0	0	2	0	0	0	0	1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	0	0	0	0	1	0	0	0	0	0	3
Anemias	D50-D64	0	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus	E10-E14	1	0	0	2	1	1	0	1	0	0	2
Nutritional deficiencies	E40-E64	0	0	0	0	0	0	0	0	0	0	0
Malnutrition	E40-E46	0	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	0
Meningitis	G00, G03	0	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	G20-G21	0	0	0	0	0	0	0	0	0	0	1
Alzheimer's disease	G30	0	0	0	0	0	0	0	0	0	0	0
Major Cardiovascular diseases	I00-I78	0	0	1	5	1	4	0	0	0	0	8
Diseases of heart	I00-I09, I11, I13, I20-I51	0	0	0	3	1	2	0	0	0	0	5
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	I11	0	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	0
Ischemic heart diseases	I20-I25	0	0	0	3	1	2	0	0	0	0	5
Acute myocardial infarction	I21-I22	0	0	0	1	0	1	0	0	0	0	2
Other acute ischemic heart diseases	I24	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	I20, I25	0	0	0	2	1	1	0	0	0	0	3
Atherosclerotic cardiovascular disease, so described	I250	0	0	0	0	0	0	0	0	0	0	0
All other forms of chronic ischemic heart disease	I20, I251-I259	0	0	0	2	1	1	0	0	0	0	3
Other heart diseases	I26-I51	0	0	0	1	0	0	0	0	0	0	0
Acute and subacute endocarditis	I33	0	0	0	0	0	0	0	0	0	0	0
Diseases of the pericardium and acute myocarditis	I30-I31, 140	0	0	0	1	0	0	0	0	0	0	0

Table A47c. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	Total	County									
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em ery	Gar fie ld	
Heart failure	I50	8	0	0	0	1	0	0	0	0	0	
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	9	0	0	0	0	0	0	0	0	0	
Essential (primary) hypertension and hypertensive renal disease	I10, I12	1	0	0	1	0	0	0	0	0	0	
Cerebrovascular diseases	I60-I69	18	0	0	1	2	0	2	0	0	0	
Atherosclerosis	I70	2	0	0	0	1	0	0	0	0	0	
Other diseases of the circulatory system	I71-I78	2	0	0	0	1	0	1	0	0	0	
Aortic aneurysm and dissection	I71	1	0	0	0	1	0	0	0	0	0	
Other diseases of arteries, arterioles, and capillaries	I72-I78	1	0	0	0	0	0	1	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	13	0	0	0	1	0	3	0	0	0	
Influenza	J10-J11	0	0	0	0	0	0	0	0	0	0	
Pneumonia	J12-J18	13	0	0	0	1	0	3	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	9	0	0	0	0	0	0	0	0	0	
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	0	0	
Emphysema	J43	0	0	0	0	0	0	0	0	0	0	
Asthma	J45-J46	1	0	0	0	0	0	0	0	0	0	
Other chronic lower respiratory diseases	J44, J47	8	0	0	0	0	0	0	0	0	0	
Pneumoconioses and chemical effects	J60-J66, J68	0	0	0	0	0	0	0	0	0	0	
Pneumonitis due to solids and liquids	J69	1	0	0	0	0	0	0	0	0	0	
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	1	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	
Chronic liver disease and cirrhosis	K70, K73-K74	10	0	0	1	0	0	1	0	0	0	
Alcoholic liver disease	K70	8	0	0	1	0	0	1	0	0	0	
Other chronic liver disease and cirrhosis	K73-K74	2	0	0	0	0	0	0	0	0	0	
Cholelithiasis and other disorders of gallbladder	K80-K82	4	0	0	0	0	0	0	0	0	0	
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	4	0	0	0	0	0	0	0	0	0	
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	1	0	0	0	0	0	0	0	0	0	
Chronic glomerulonephritis, nephritis and nephritis 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	3	0	0	0	0	0	0	0	0	0	
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0	

Table A47c continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County										
		Gr and	Ir on	Ju ab	Ka ne	Mil la rd	Mo rg an	Pi ute	Rich	Salt Lake	San Juan	
Heart failure	I50	0	0	0	0	0	0	0	0	0	7	0
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	0	0	0	0	0	0	0	0	0	9	0
Essential (primary) hypertension and hypertensive renal disease	I10, I12	0	0	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	I60-I69	1	0	0	0	0	0	0	0	0	6	0
Atherosclerosis	I70	0	0	0	0	0	0	0	0	0	0	0
Other diseases of the circulatory system	I71-I78	0	0	0	0	0	0	0	0	0	0	0
Aortic aneurysm and dissection	I71	0	0	0	0	0	0	0	0	0	0	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	0	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	0
Influenza and pneumonia	J10-J18	0	0	0	0	0	0	0	0	0	6	0
Influenza	J10-J11	0	0	0	0	0	0	0	0	0	0	0
Pneumonia	J12-J18	0	0	0	0	0	0	0	0	0	6	0
Other acute lower respiratory infections	J20-J22	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis	J20-J21	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	J22	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	J40-J47	0	0	0	0	0	0	0	0	0	7	0
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	0	0	0
Emphysema	J43	0	0	0	0	0	0	0	0	0	0	0
Asthma	J45-J46	0	0	0	0	0	0	0	0	0	1	0
Other chronic lower respiratory diseases	J44, J47	0	0	0	0	0	0	0	0	0	6	0
Pneumoconioses and chemical effects	J60-J66, J68	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	J69	0	0	0	0	0	0	0	0	0	1	0
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70- J98	0	0	0	0	0	0	0	0	0	1	0
Peptic ulcer	K25-K28	0	0	0	0	0	0	0	0	0	0	0
Diseases of appendix	K35-K38	0	0	0	0	0	0	0	0	0	0	0
Hernia	K40-K46	0	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	0	3	0
Alcoholic liver disease	K70	0	0	0	0	0	0	0	0	0	1	0
Other chronic liver disease and cirrhosis	K73-K74	0	0	0	0	0	0	0	0	0	2	0
Cholelithiasis and other disorders of gallbladder	K80-K82	0	0	0	0	0	0	0	0	0	2	0
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25- N27	0	0	0	0	0	0	0	0	0	4	0
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	0	0	0	0	0	0	0	0	0	1	0
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05- N07, N26	0	0	0	0	0	0	0	0	0	0	0
Renal failure	N17-N19	0	0	0	0	0	0	0	0	0	3	0
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0	0

Table A47c continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County										
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber	
Heart failure	I50	0	0	0	0	0	0	0	0	0	0	0
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	0	0	0	0	0	0	0	0	0	0	0
Essential (primary) hypertension and hypertensive renal disease	I10, I12	0	0	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	I60-I69	0	0	1	0	0	2	0	0	0	0	3
Atherosclerosis	I70	0	0	0	1	0	0	0	0	0	0	0
Other diseases of the circulatory system	I71-I78	0	0	0	0	0	0	0	0	0	0	0
Aortic aneurysm and dissection	I71	0	0	0	0	0	0	0	0	0	0	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	0	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	0
Influenza and pneumonia	J10-J18	0	0	0	0	0	0	0	0	0	0	3
Influenza	J10-J11	0	0	0	0	0	0	0	0	0	0	0
Pneumonia	J12-J18	0	0	0	0	0	0	0	0	0	0	3
Other acute lower respiratory infections	J20-J22	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis	J20-J21	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	J22	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	J40-J47	0	0	0	0	0	0	0	0	0	0	2
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	0	0	0
Emphysema	J43	0	0	0	0	0	0	0	0	0	0	0
Asthma	J45-J46	0	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	0	0	2
Pneumoconioses and chemical effects	J60-J66, J68	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	J69	0	0	0	0	0	0	0	0	0	0	0
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	0	0	0	0	0	0	0	0	0	0	0
Peptic ulcer	K25-K28	0	0	0	0	0	0	0	0	0	0	0
Diseases of appendix	K35-K38	0	0	0	0	0	0	0	0	0	0	0
Hernia	K40-K46	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	K70, K73-K74	1	0	0	0	0	0	0	0	0	0	4
Alcoholic liver disease	K70	1	0	0	0	0	0	0	0	0	0	4
Other chronic liver disease and cirrhosis	K73-K74	0	0	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	2
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	0	0	0	0	0	0	0	0	0	0	0
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	0	0	0	0	0	0	0	0	0	0	0
Renal failure	N17-N19	0	0	0	0	0	0	0	0	0	0	0
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0	0

Table A47d. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	Total	County								
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em ery	Gar fie ld
Infections of kidney	N10-N12, N136, N151	1	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	N40	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	N70-N76	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and puerperium	O00-O99	2	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	2	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period	P00-P96	10	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	9	0	1	0	0	0	1	0	0	0
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	R00-R99	15	0	0	0	0	0	0	0	0	0
All other diseases (Residual)	D65-E07, E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N130-N135, N137-N139, N14, N150, N158-N159, N20-N23, N28-N39, N41-N64, N80-N98	34	0	0	1	0	0	1	0	0	0
Accidents	V01-X59, Y85-Y86	63	0	0	5	0	0	2	0	1	1
Transport accidents	V01-V99, Y85	49	0	0	5	0	0	1	0	0	1
Motor vehicle accidents	V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892	46	0	0	5	0	0	1	0	0	0
Other land transport accidents	V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899	3	0	0	0	0	0	0	0	0	1
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

Table A47d continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County										
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan	
Infections of kidney	N10-N12, N136, N151	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
Inflammatory diseases of female pelvic organs	N70-N76	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and puerperium	O00-O99	0	0	0	0	0	0	0	0	0	1	0
Pregnancy with abortive outcome	O00-O07	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	O10-O99	0	0	0	0	0	0	0	0	0	1	0
Certain conditions originating in the perinatal period	P00-P96	0	0	0	0	0	0	0	0	0	8	0
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	0	0	0	0	0	0	0	0	0	3	0
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	R00-R99	0	1	0	0	0	0	0	0	0	9	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, N130-N135, N137-N139, N14, N150, N158-N159, N20-N23, N28-N39, N41-N64, N80-N98	1	0	0	0	0	0	0	0	0	22	0
Accidents	V01-X59, Y85-Y86	2	0	1	0	1	0	0	0	0	27	1
Transport accidents	V01-V99, Y85	2	0	1	0	0	0	0	0	0	21	0
Motor vehicle accidents	V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892	2	0	1	0	0	0	0	0	0	21	0
Other land transport accidents	V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899	0	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	0

Table A47d continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Infections of kidney	N10-N12, N136, N151	0	0	0	0	0	1	0	0	0	0
Hyperplasia of prostate	N40	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	N70-N76	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and puerperium	O00-O99	0	0	0	0	0	0	0	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	0	0	0	1	0	0
Certain conditions originating in the perinatal period	P00-P96	0	0	0	0	0	2	0	0	0	0
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	0	0	0	0	0	0	0	0	0	4
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	R00-R99	0	0	1	0	0	4	0	0	0	0
All other diseases (Residual)	D65-E07, E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N130-N135, N137-N139, N14, N150, N158-N159, N20-N23, N28-N39, N41-N64, N80-N98	0	0	0	1	0	0	0	0	0	8
Accidents	V01-X59, Y85-Y86	2	1	0	3	0	6	2	2	0	6
Transport accidents	V01-V99, Y85	2	1	0	3	0	5	1	2	0	4
Motor vehicle accidents	V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892	2	1	0	3	0	4	1	2	0	3
Other land transport accidents	V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899	0	0	0	0	0	1	0	0	0	1
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

Table A47e. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	Total	County									
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em ery	Gar fie ld	
Nontransport accidents	W00-X59, Y86	14	0	0	0	0	0	0	1	0	1	0
Falls	W00-W19	4	0	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	0
Accidental drowning and submersion	W65-W74	1	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	0
Accidental poisoning and exposure to noxious substances	X40-X49	3	0	0	0	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	6	0	0	0	0	0	0	0	0	1	0
Intentional self-harm (suicide)	X60-X84, Y870	15	0	0	0	1	0	0	1	0	0	0
Intentional self-harm (suicide) by discharge of firearms	X72-X74	9	0	0	0	1	0	0	0	0	0	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y870	6	0	0	0	0	0	0	1	0	0	0
Assault (homicide)	X85-Y09, Y871	13	0	0	1	0	0	0	0	0	0	0
Assault (homicide) by discharge of firearms	X93-X95	8	0	0	0	0	0	0	0	0	0	0
Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y871	5	0	0	1	0	0	0	0	0	0	0
Legal intervention	Y35, Y890	1	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	Y10-Y34, Y872, Y899	13	0	0	0	0	0	0	1	0	0	0
Discharge of firearms, undetermined intent	Y22-Y24	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y872, Y899	13	0	0	0	0	0	0	1	0	0	0
Operations of war and their sequelae	Y36, Y89.1	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	Y40-Y84, Y88	1	0	0	0	0	0	0	0	0	0	0

Table A47e continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County										
		Gr and	Ir on	Ju ab	Ka ne	Mil la rd	Mo rg an	Pi ute	Rich	Salt Lake	San Juan	
Nontransport accidents	W00-X59, Y86	0	0	0	0	1	0	0	0	0	6	1
Falls	W00-W19	0	0	0	0	1	0	0	0	0	2	0
Accidental discharge of firearms	W32-W34	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	W65-W74	0	0	0	0	0	0	0	0	0	0	0
Accidental exposure to smoke, fire, and flames	X00-X09	0	0	0	0	0	0	0	0	0	0	0
Accidental poisoning and exposure to noxious substances	X40-X49	0	0	0	0	0	0	0	0	0	2	0
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	0	0	0	0	0	0	0	0	0	2	1
Intentional self-harm (suicide)	X60-X84, Y870	0	0	0	0	0	0	0	0	0	11	0
Intentional self-harm (suicide) by discharge of firearms	X72-X74	0	0	0	0	0	0	0	0	0	8	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y870	0	0	0	0	0	0	0	0	0	3	0
Assault (homicide)	X85-Y09, Y871	0	0	0	0	0	0	0	0	0	9	0
Assault (homicide) by discharge of firearms	X93-X95	0	0	0	0	0	0	0	0	0	6	0
Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y871	0	0	0	0	0	0	0	0	0	3	0
Legal intervention	Y35, Y890	0	0	0	0	0	0	0	0	0	1	0
Events of undetermined intent	Y10-Y34, Y872, Y899	0	0	0	0	0	0	0	0	0	9	0
Discharge of firearms, undetermined intent	Y22-Y24	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y872, Y899	0	0	0	0	0	0	0	0	0	9	0
Operations of war and their sequelae	Y36, Y89.1	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	Y40-Y84, Y88	0	0	0	0	0	0	0	0	0	0	0

Table A47e continued. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1999

Cause of death (10th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Nontransport accidents	W00-X59, Y86	0	0	0	0	0	1	1	0	0	2
Falls	W00-W19	0	0	0	0	0	0	0	0	0	1
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	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	0	0	0	0	0	0	0	0	0	0
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	0	0	0	0	0	1	0	0	0	1
Intentional self-harm (suicide)	X60-X84, Y870	0	0	0	0	0	0	0	0	0	2
Intentional self-harm (suicide) by discharge of firearms	X72-X74	0	0	0	0	0	0	0	0	0	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y870	0	0	0	0	0	0	0	0	0	2
Assault (homicide)	X85-Y09, Y871	0	0	0	1	0	0	0	0	0	2
Assault (homicide) by discharge of firearms	X93-X95	0	0	0	1	0	0	0	0	0	1
Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y871	0	0	0	0	0	0	0	0	0	1
Legal intervention	Y35, Y890	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	Y10-Y34, Y872, Y899	0	0	0	0	1	0	0	0	0	2
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, Y872, Y899	0	0	0	0	1	0	0	0	0	2
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	1	0	0	0	0

Table A48. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1999

Cause of death (10th rev.)	ICD Code	All ages	Age										75 and over	Un-known
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74			
Total		418	27	6	6	24	41	51	45	42	54	121	1	
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	1	0	0	
Tuberculosis	A16-A19	0	0	0	0	0	0	0	0	0	0	0	0	
Respiratory tuberculosis	A16	0	0	0	0	0	0	0	0	0	0	0	0	
Other tuberculosis	A17-A19	0	0	0	0	0	0	0	0	0	0	0	0	
Whooping cough	A37	0	0	0	0	0	0	0	0	0	0	0	0	
Scarlet fever and erysipelas	A38, A46	0	0	0	0	0	0	0	0	0	0	0	0	
Meningococcal infection	A39	0	0	0	0	0	0	0	0	0	0	0	0	
Septicemia	A40-A41	5	1	1	0	0	0	0	1	0	0	2	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, A852	0	0	0	0	0	0	0	0	0	0	0	0	
Measles	B05	0	0	0	0	0	0	0	0	0	0	0	0	
Viral hepatitis	B15-B19	0	0	0	0	0	0	0	0	0	0	0	0	
Human immunodeficiency virus (HIV) disease	B20-B24	5	0	0	0	0	2	2	1	0	0	0	0	
Malaria	B50-B54	0	0	0	0	0	0	0	0	0	0	0	0	
Other and unspecified infectious and parasitic diseases and their sequelae	A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A850-A851, A858, A86-B04, B06-B09, B25-B49, B55-B99	4	0	0	0	0	1	1	2	0	0	0	0	
Malignant neoplasms	C00-C97	68	2	0	1	1	1	10	11	9	15	18	0	
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	1	0	0	0	0	0	0	0	1	0	0	0	
Malignant neoplasm of esophagus	C15	2	0	0	0	0	0	0	1	1	0	0	0	
Malignant neoplasm of stomach	C16	3	0	0	0	0	0	1	0	0	2	0	0	
Malignant neoplasms of colon, rectum and anus	C18-C21	4	0	0	0	0	0	0	0	0	2	2	0	
Malignant neoplasms of liver and intrahepatic bile ducts	C22	9	0	0	0	0	0	1	2	2	0	4	0	
Malignant neoplasm of pancreas	C25	3	0	0	0	0	0	0	0	1	2	0	0	
Malignant neoplasm of larynx	C32	0	0	0	0	0	0	0	0	0	0	0	0	
Malignant neoplasms of trachea, bronchus and lung	C33-C34	8	0	0	0	0	0	0	0	2	2	4	0	
Malignant melanoma of skin	C43	1	0	0	0	0	0	0	0	0	0	1	0	
Malignant neoplasm of breast	C50	3	0	0	0	0	0	1	0	1	1	0	0	
Malignant neoplasm of cervix uteri	C53	2	0	0	0	0	0	1	1	0	0	0	0	
Malignant neoplasm of corpus uteri and uterus, part unspecified	C54-C55	1	0	0	0	0	0	1	0	0	0	0	0	
Malignant neoplasm of ovary	C56	1	0	0	0	0	0	0	1	0	0	0	0	
Malignant neoplasm of prostate	C61	4	0	0	0	1	0	0	0	0	0	3	0	

Table A48 continued. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1999

Cause of death (10th rev.)	ICD Code	All ages	Age										75 and over	Un-known
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74			
Malignant neoplasms of kidney and renal pelvis	C64-C65	2	0	0	0	0	0	0	0	0	0	2	0	0
Malignant neoplasm of bladder	C67	1	0	0	0	0	0	0	0	1	0	0	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	4	0	0	0	0	0	0	1	1	0	2	0	0
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	8	2	0	0	0	0	1	2	1	0	0	2	0
Hodgkin's disease	C81	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	C82-C85	4	0	0	0	0	0	1	1	1	0	0	1	0
Leukemia	C91-C95	3	2	0	0	0	0	0	1	0	0	0	0	0
Multiple myeloma and immunoproliferative neoplasms	C88, C90	1	0	0	0	0	0	0	0	0	0	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	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,	11	0	0	1	0	0	2	3	1	2	2	2	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	5	0	0	0	0	0	0	2	0	1	2	0	0
Anemias	D50-D64	0	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus	E10-E14	18	0	0	0	0	0	0	0	2	0	9	7	0
Nutritional deficiencies	E40-E64	1	0	0	0	0	0	0	0	0	1	0	0	0
Malnutrition	E40-E46	1	0	0	0	0	0	0	0	0	1	0	0	0
Other nutritional deficiencies	E50-E64	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis	G00, G03	0	0	0	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	G20-G21	2	0	0	0	0	0	0	0	0	0	0	2	0
Alzheimer's disease	G30	1	0	0	0	0	0	0	0	0	0	0	1	0
Major Cardiovascular diseases	I00-I78	89	0	0	0	1	1	4	5	14	14	50	0	0
Diseases of heart	I00-I09, I11, I13, I20-I51		0	0	0	0	1	2	2	11	6	26	0	0
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	1	0	0	0	0	0	0	0	1	0	0	0	0
Hypertensive heart disease	I11	0	0	0	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	0	0	0
Ischemic heart diseases	I20-I25	47	0	0	0	0	1	2	2	10	6	26	0	0
Acute myocardial infarction	I21-I22	22	0	0	0	0	0	0	1	4	5	12	0	0
Other acute ischemic heart diseases	I24	0	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	I20, I25	25	0	0	0	0	1	2	1	6	1	14	0	0
Atherosclerotic cardiovascular disease, so described	I250	2	0	0	0	0	0	0	0	1	0	1	0	0
All other forms of chronic ischemic heart disease	I20, I251-I259	23	0	0	0	0	1	2	1	5	1	13	0	0
Other heart diseases	I26-I51	18	0	0	0	1	0	2	2	2	5	6	0	0
Acute and subacute endocarditis	I33	0	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of the pericardium and acute myocarditis	I30-I31, 140	1	0	0	0	0	0	1	0	0	0	0	0	0

Table A48 continued. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1999

Cause of death (10th rev.)	ICD Code	All ages	Age										75 and over	Un-known
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74			
Heart failure	I50	8	0	0	0	0	0	0	0	0	0	3	5	0
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	9	0	0	0	1	0	1	2	2	2	2	1	0
Essential (primary) hypertension and hypertensive renal disease	I10, I12	1	0	0	0	0	0	0	0	0	0	0	1	0
Cerebrovascular diseases	I60-I69	18	0	0	0	0	0	0	1	1	2	14	0	0
Atherosclerosis	I70	2	0	0	0	0	0	0	0	0	0	2	0	0
Other diseases of the circulatory system	I71-I78	2	0	0	0	0	0	0	0	0	0	1	1	0
Aortic aneurysm and dissection	I71	1	0	0	0	0	0	0	0	0	0	1	0	0
Other diseases of arteries, arterioles, and capillaries	I72-I78	1	0	0	0	0	0	0	0	0	0	0	1	0
Other disorders of circulatory system	I80-I99	0	0	0	0	0	0	0	0	0	0	0	0	0
Influenza and pneumonia	J10-J18	13	0	0	0	0	0	0	0	1	1	11	0	0
Influenza	J10-J11	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonia	J12-J18	13	0	0	0	0	0	0	0	1	1	11	0	0
Other acute lower respiratory infections	J20-J22	0	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	0
Unspecified acute lower respiratory infection	J22	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	J40-J47	9	0	0	0	0	0	0	0	1	1	7	0	0
Bronchitis, chronic and unspecified	J40-J42	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	J43	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	J45-J46	1	0	0	0	0	0	0	0	0	1	0	0	0
Other chronic lower respiratory diseases	J44, J47	8	0	0	0	0	0	0	0	1	0	7	0	0
Pneumoconioses and chemical effects	J60-J66, J68	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	J69	1	0	0	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	0	0	0	0	0	0	1	0	0	0
Peptic ulcer	K25-K28	0	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	0
Hernia	K40-K46	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	K70, K73-K74	10	0	0	0	0	0	4	3	2	1	0	0	0
Alcoholic liver disease	K70	8	0	0	0	0	0	3	3	1	1	0	0	0
Other chronic liver disease and cirrhosis	K73-K74	2	0	0	0	0	0	1	0	1	0	0	0	0
Cholelithiasis and other disorders of gallbladder	K80-K82	4	0	0	0	0	0	0	0	1	0	3	0	0
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	4	0	0	0	0	1	0	0	1	1	1	0	0
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	1	0	0	0	0	0	0	0	0	1	0	0	0
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	0	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure	N17-N19	3	0	0	0	0	1	0	0	1	0	1	0	0
Other disorders of kidney	N25, N27	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A48 continued. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1999

Cause of death (10th rev.)	ICD Code	All ages	Age										Un-known	
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over		
Infections of kidney	N10-N12, N136, N151	1	0	0	0	0	0	0	1	0	0	0	0	0
Hyperplasia of prostate	N40	0	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	0
Pregnancy, childbirth and puerperium	O00-O99	2	0	0	0	0	0	2	0	0	0	0	0	0
Pregnancy with abortive outcome	O00-O07	0	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	O10-O99	2	0	0	0	0	0	2	0	0	0	0	0	0
Certain conditions originating in the perinatal period	P00-P96	10	10	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	9	8	0	0	0	0	0	1	0	0	0	0	0
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	R00-R99	15	5	0	0	0	0	1	1	1	0	2	5	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, N130-N135, N137-N139, N14, N150, N158-N159, N20-N23, N28-N39, N41-N64, N80-N98	34	1	0	2	0	2	2	3	7	5	4	10	0
Accidents	V01-X59, Y85-Y86	63	0	5	3	16	16	9	7	4	0	3	0	0
Transport accidents	V01-V99, Y85	49	0	3	2	15	13	7	5	4	0	0	0	0
Motor vehicle accidents	V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892	46	0	3	2	14	12	7	5	3	0	0	0	0
Other land transport accidents	V01, V05-V06, V091, V093-V099, V10-V11, V15-V18, V193, V198-V199, V800-V802, V806-V809, V812-V819, V822-V829, V879, V889, V891, V893, V899	3	0	0	0	1	1	0	0	1	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	0	0	0

Table A48 continued. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1999

Cause of death (10th rev.)	ICD Code	All ages	Age										75 and over	Un-known
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74			
Nontransport accidents	W00-X59, Y86	14	0	2	1	1	3	2	2	0	0	3	0	
Falls	W00-W19	4	0	0	0	1	2	0	0	0	0	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	1	0	1	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	0	0	
Accidental poisoning and exposure to noxious substances	X40-X49	3	0	0	0	0	0	2	1	0	0	0	0	
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	6	0	1	1	0	1	0	1	0	0	2	0	
Intentional self-harm (suicide)	X60-X84, Y870	15	0	0	0	1	5	4	2	1	2	0	0	
Intentional self-harm (suicide) by discharge of firearms	X72-X74	9	0	0	0	1	0	3	2	1	2	0	0	
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71, X75-X84, Y870	6	0	0	0	0	5	1	0	0	0	0	0	
Assault (homicide)	X85-Y09, Y871	13	0	0	0	4	6	2	1	0	0	0	0	
Assault (homicide) by discharge of firearms	X93-X95	8	0	0	0	3	3	1	1	0	0	0	0	
Assault (homicide) by other and unspecified means and their sequelae	X85-X92, X96-Y09, Y871	5	0	0	0	1	3	1	0	0	0	0	0	
Legal intervention	Y35, Y890	1	0	0	0	0	0	1	0	0	0	0	0	
Events of undetermined intent	Y10-Y34, Y872, Y899	13	0	0	0	1	3	6	2	0	0	0	1	
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, Y872, Y899	13	0	0	0	1	3	6	2	0	0	0	1	
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	

1999 Appendix A: Technical Notes

Births and Deaths



APPENDIX A: TECHNICAL APPENDIX

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 26-2-27, Utah Code Annotated, 1953 as amended, provide the current statutory authority¹.

26-2-3. The department shall have the following powers and duties:

- (1) provide offices properly equipped for the preservation of vital records made or received under this chapter;
- (2) establish a statewide system of vital statistics for the registration, collection, preservation, amendment and certification of vital records and other reports required by this chapter and activities related thereto including the tabulation, analysis, and publication of vital statistics;
- (3) prescribe forms for certificates, certification, and other necessary forms;
- (4) provide for the annual compilation, analysis, and publication of statistics from vital records;
- (5) enforce this chapter and the rules made pursuant hereto;
- (6) appoint a state registrar of vital statistics to direct the statewide system of vital statistics;

¹<http://www.le.state.ut.us/~code/code.htm>

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

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

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 births and 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, Cach 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, Tri-county (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 Governor's Office of Planning and Budget.

LOCAL REGISTRARS - DEPUTIES

Name/Address	Registrar	Deputy Registrars
Bear River District 655 East 1300 North Logan, Utah 84341 (Counties: Locan in Cache County, Box Elder, Rich)	John C. Bailey	Gaye Parson
Central Utah District 925 Westview Drive Richfield, Utah 84701 (Counties: Juab, Millard, Piute, Sanpete, Sevier, Wayne)	Robert Resendes	Dixie Sorensen
Davis County 50 East State Street PO Box 618 Farmington, Utah 84025-0618	Richard Harvey (Acting)	Karla Smith
Salt Lake Valley Health Dept. 610 South 200 East Salt Lake City, Utah 84111 (Salt Lake City and Salt Lake County)	Katherine Vedder	Ellen Freeman
Southeast Utah District 28 South 100 East P O Box 800 Price, Utah 84501 (Sue files DC San Juan Co. (435) 587-2021) (Counties: Carbon, Emery, Grand, San Juan)	David Cunningham	Jeanne Thompson
Southwest Utah Public 285 West Tabernacle St. George, Utah 84770 (Counties: Beaver, Garfield, Iron, Kane, Washington)	Gary Edwards	Sandra Stubblefield
Summit County Public Health 85 North 50 East P O Box 128 Coalville, Utah 84017	Steve Jenkins	RaNae Crittenden
Tooele County 151 North Main Tooele, Utah 84074	Myron Bateman	Nikki Scow
Tri County District 147 East Main Vernal, Utah 84078 (Counties: Daggett, Duchesne, Uintah)	Joseph Shaffer	Lynette Soderquist
Utah County 589 South State Provo, Utah 84601	Joseph K. Miner	Wendy Hill
Wasatch City/County 55 South 500 East Heber City, Utah 84032-1918	Phil D. Wright	Janet Norton
Weber/Morgan District 2570 Grant Ave. Ogden, Utah 84401 (Ogden City and Weber and Morgan Counties)	Evan Nelson	Lynette Satterfield

Revised December 11, 2000

Figure A-2

MAP OF UTAH WITH COUNTY BORDERS

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. The live birth certificate has not been significantly revised since 1993, and the death and fetal death certificates have not been significantly revised since 1989 (Figures A-3 through A-6).

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.

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.

Figure A-3

Figure A-4

Figure A-5

Figure A-6

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 certifier is not available. In such causes, 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 through 1998, and the new Tenth Revision is used to code the 1999 data in this report. Comparability ratios between revisions are computed by the National Center for Health Statistics¹ and are published in Utah Vital Statistics, Births and Deaths: 1980 for the earlier revision and in the preface of this publication for the new and current revision. 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 Eight and Ninth Revisions or the Ninth and Tenth Revisions 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 Tooele Valley Hospital in Tooele, Utah. After arriving at the hospital, the patient succumbs to conditions arising from the accident. In such cases, the "place of occurrence" of the death for statistical purposes would be Tooele, Utah, not Wendover, Nevada; however, there can also be a table of accidental deaths by place where the accident occurred. In this example, the death would be classified as an accidental death to a non-resident which occurred in Utah. The place where the accident occurred would be out-of-state (Wendover, Nevada).

Race/Ethnic Origin

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

1999 Appendix B: Life Tables

Births and Deaths



Abridged life table for total population, residents: Utah, 1999

Age interval	Mortality rate	Proportion dying	Of 100,000 born alive		Stationary population Number of person-years lived		Average remaining years
			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
Period of life between two ages	Age-specific mortality rate per 100000.00 population	Proportion of persons alive at beginning of interval dying during interval					
0	485.42	0.004607	100000	461	99666	7686450	76.86
1-4	29.24	0.001145	99539	114	397856	7586783	76.22
5-9	14.71	0.000735	99425	73	496923	7188927	72.30
10-14	15.58	0.000779	99352	77	496618	6692004	67.36
15-19	63.70	0.003180	99275	316	495660	6195386	62.41
20-24	88.68	0.004425	98959	438	493711	5699726	57.60
25-29	73.87	0.003687	98521	363	491738	5206015	52.84
30-34	128.97	0.006429	98158	631	489303	4714276	48.03
35-39	164.46	0.008192	97527	799	485713	4224974	43.32
40-44	206.88	0.010295	96728	996	481289	3739261	38.66
45-49	308.57	0.015320	95732	1467	475187	3257971	34.03
50-54	411.18	0.020366	94266	1920	466769	2782785	29.52
55-59	575.52	0.028398	92346	2622	455697	2316016	25.08
60-64	1012.54	0.049464	89723	4438	438403	1860319	20.73
65-69	1670.08	0.080369	85285	6854	410347	1421916	16.67
70-74	2572.59	0.121282	78431	9512	369623	1011568	12.90
75-79	4093.07	0.186434	68919	12849	314089	641945	9.31
80-84	7262.42	0.308156	56070	17278	93205	327856	5.85
85+	16531.58	1.000000	38792	38792	234651	234651	6.05

Note:
 Life tables calculated using 1999 resident mortality data
 Age-specific mid-year population estimates from GOPB
 Abridged Life Tables calculated using the Reed-Merrill Method

Abridged life table for male population, residents:Utah, 1999

Age interval	Mortality rate	Proportion dying	Of 100,000 born alive		Stationary population Number of person-years lived		Average remaining years
			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
Period of life between two ages	Age-specific mortality rate per 100000.00 population	Proportion of persons alive at beginning of interval dying during interval					
0	590.02	0.005593	100000	559	99595	7494720	74.95
1-4	32.53	0.001274	99441	127	397429	7395125	74.37
5-9	20.43	0.001021	99314	101	496288	6997696	70.46
10-14	19.55	0.000977	99213	97	495897	6501408	65.53
15-19	94.76	0.004728	99116	469	494518	6005511	60.59
20-24	128.76	0.006419	98647	633	491655	5510993	55.87
25-29	98.67	0.004922	98014	482	488899	5019338	51.21
30-34	165.92	0.008264	97531	806	485766	4530439	46.45
35-39	224.52	0.011168	96725	1080	481031	4044673	41.82
40-44	275.22	0.013674	95645	1308	475106	3563642	37.26
45-49	384.85	0.019073	94337	1799	467428	3088537	32.74
50-54	537.86	0.026563	92538	2458	456779	2621109	28.32
55-59	659.01	0.032456	90080	2924	443645	2164330	24.03
60-64	1207.98	0.058749	87156	5120	424015	1720685	19.74
65-69	2013.67	0.096148	82036	7888	391569	1296670	15.81
70-74	3017.24	0.140816	74148	10441	346014	905101	12.21
75-79	5108.10	0.227416	63707	14488	283773	559087	8.78
80-84	8598.85	0.354246	49219	17436	103006	275314	5.59
85+	18445.69	1.000000	31783	31783	172308	172308	5.42

Note:
 Life tables calculated using 1999 resident mortality data
 Age-specific mid-year population estimates from GOPB
 Abridged Life Tables calculated using the Reed-Merrill Method

Abridged life table for female population, residents: Utah, 1999

Age interval	Mortality rate	Proportion dying	Of 100,000 born alive		Stationary population Number of person-years lived		Average remaining years
			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
Period of life between two ages	Age-specific mortality rate per 100000.00 population	Proportion of persons alive at beginning of interval dying during interval					
0	374.90	0.003562	100000	356	99742	7878213	78.78
1-4	25.75	0.001009	99644	101	398308	7778471	78.06
5-9	8.65	0.000432	99543	43	497596	7380164	74.14
10-14	11.41	0.000570	99500	57	497384	6882568	69.17
15-19	33.11	0.001654	99443	165	496845	6385183	64.21
20-24	48.63	0.002429	99279	241	495806	5888339	59.31
25-29	46.90	0.002342	99038	232	494652	5392533	54.45
30-34	90.78	0.004530	98806	448	492970	4897880	49.57
35-39	105.31	0.005253	98358	517	490548	4404911	44.78
40-44	139.14	0.006935	97842	678	487639	3914363	40.01
45-49	232.74	0.011575	97163	1125	483148	3426724	35.27
50-54	286.68	0.014240	96038	1368	477022	2943576	30.65
55-59	495.02	0.024471	94671	2317	468060	2466555	26.05
60-64	828.33	0.040636	92354	3753	453122	1998495	21.64
65-69	1358.81	0.065856	88601	5835	429434	1545373	17.44
70-74	2191.04	0.104195	82766	8624	393426	1115940	13.48
75-79	3309.54	0.153438	74142	11376	344072	722513	9.74
80-84	6353.97	0.275110	62766	17268	86839	378441	6.03
85+	15603.00	1.000000	45499	45499	291601	291601	6.41

Note:
 Life tables calculated using 1999 resident mortality data
 Age-specific mid-year population estimates from GOPB
 Abridged Life Tables calculated using the Reed-Merrill Method





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