

Utah's Vital Statistics Abortions, 2002

Utah Department of Health
Center for Health Data



Utah's Vital Statistics Abortions, 2002



December 30, 2003
Technical Report No. 227

Mission Statement

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

2002 Summary Tables:

Abortions

Table 1. Estimated population, females ages 15-44, resident live births, abortions, and abortion rates and ratios: Utah, 1980-2002

Year	Estimated population females ages 15-44 ¹	Resident births	Abortions			
			Occurrence number	Residents number	Rate ²	Ratio ³
1980	339,799	41,786	4,086	3,821	11.2	91.4
1981*	351,700	41,286	3,842	3,576	10.2	86.6
1982*	361,040	41,537	3,987	3,806	10.5	91.6
1983*	368,973	39,441	3,775	3,587	9.7	90.9
1984*	374,597	38,286	4,022	3,877	10.3	101.3
1985*	378,827	37,441	4,129	3,928	10.4	104.9
1986*	382,834	36,383	4,450	4,157	10.9	114.3
1987*	385,698	35,285	4,732	4,191	10.9	118.8
1988*	387,881	36,040	4,732	4,149	10.7	115.1
1989*	390,989	35,558	4,950	4,305	11.0	121.1
1990	394,297	36,253	4,796	4,159	10.5	114.7
1991*	410,106	36,019	4,213	3,759	9.2	104.4
1992*	423,145	37,198	3,941	3,525	8.3	94.8
1993*	436,287	37,048	3,945	3,615	8.3	97.6
1994*	451,177	38,271	3,610	3,304	7.3	86.3
1995*	463,847	39,554	3,705	3,292	7.1	83.2
1996*	475,709	42,056	3,639	3,293	6.9	78.3
1997*	486,592	43,009	3,408	3,140	6.5	73.0
1998*	492,370	45,128	3,487	3,237	6.6	71.7
1999*	498,067	46,243	3,381	3,160	6.3	68.3
2000	526,502	47,331	3,509	3,279	6.2	69.3
2001	538,835	47,915	3,594	3,372	6.3	70.4
2002	538,998	49,140	3,524	3,300	6.1	67.2

¹Population projections/estimates are revised as historical data becomes available and the rates may not agree with previous reports.

²Rates are per 1,000 females 15 to 44 years of age.

³Ratios are per 1,000 live births.

*Population source for 1991 through 1999 are from earlier baseline projections.

Population source for data years 1980, 1990, and 2000-2002: Demographic and Economic Analysis section, Governor's Office of Planning and Budget; Detailed Table: State of Utah female population by single year of age, 1980-2030; 2002 baseline demographic and economic projections; <http://www.governor.state.ut.us/projections/Tables/tables.html>.

Table 2. Abortions occurring in Utah by state of residence: 2002

State of Residence	Frequency	Percent
Total	224	100.0
Alaska	1	0.4
Arizona	2	0.9
California	4	1.8
Colorado	1	0.4
Idaho	75	33.5
Indiana	1	0.4
Louisiana	1	0.4
Michigan	1	0.4
Minnesota	1	0.4
Montana	2	0.9
Nevada	15	6.7
New York	1	0.4
Oregon	2	0.9
Texas	1	0.4
Virginia	2	0.9
Washington	1	0.4
Wyoming	113	50.4

Table 3. Abortions, live births and abortion ratios by health district and county of residence: Utah, 1990-2002

District and county of residence	2001		Abortion ratios ¹ by year												
	Births	Abor-tions	2001	1990	1991	1992	1993 ²	1994	1995 ²	1996	1997	1998	1999	2000	2001
Total	49,140	3,300	67.2	114.7	104.4	94.8	97.6	86.3	83.2	78.3	73.0	71.7	68.3	69.3	70.4
Bear River	3,126	100	32.0	60.9	52.1	52.7	44.2	44.0	37.3	33.1	36.7	38.9	35.5	32.6	29.6
Box Elder	805	32	39.8	29.4	40.4	41.4	35.1	38.0	21.5	28.6	26.4	44.3	33.2	27.1	34.0
Cache	2,298	68	29.6	74.7	58.0	56.3	47.9	46.9	43.3	35.1	40.9	37.3	36.7	35.0	28.3
Rich	23	0	--	--	--	--	--	--	--	--	--	--	0.0	--	--
Central Utah	1,113	29	26.1	36.7	46.2	40.4	31.7	29.2	29.5	24.8	14.7	20.4	18.1	23.2	21.2
Juab	173	4	--	--	--	--	--	--	--	--	--	--	0.0	--	--
Millard	186	5	--	30.4	33.3	--	--	36.5	51.0	--	--	--	22.2	38.3	40.8
Piute	16	0	--	--	--	--	--	--	--	--	--	--	0.0	--	--
Sanpete	369	14	37.9	26.9	65.6	37.9	--	30.1	21.9	21.2	--	19.0	27.3	19.1	--
Sevier	323	5	--	44.0	34.5	54.2	59.8	31.0	33.7	31.7	--	--	18.0	24.0	--
Wayne	46	1	--	--	--	--	--	--	--	--	--	--	0.0	--	--
Davis	5,099	242	47.5	85.5	82.4	67.5	70.6	65.8	62.9	62.1	56.7	56.6	50.8	58.1	52.4
Salt Lake	18,559	2,162	116.5	181.0	163.2	145.2	156.0	141.4	139.9	129.0	125.1	122.6	115.3	117.2	126.7
Southeastern	836	27	32.3	87.6	64.5	92.3	115.1	44.2	44.4	36.4	35.6	42.1	22.2	25.7	14.7
Carbon	316	20	63.3	128.0	99.1	159.6	155.4	86.5	77.7	75.9	64.6	87.0	55.6	46.5	30.5
Emery	159	5	--	--	--	--	69.2	--	--	--	--	--	--	--	--
Grand	121	2	--	183.5	147.7	234.0	282.1	--	70.7	--	--	--	--	--	--
San Juan	240	0	--	57.6	30.8	42.5	50.9	--	--	--	--	--	--	--	--
Southwest	2,983	3	--	12.7	7.3	6.5	8.8	5.4	5.1	6.8	2.7	2.5	2.1	3.9	2.1
Beaver	116	0	--	--	--	--	--	--	--	--	--	--	7.4	--	--
Garfield	67	0	--	--	--	--	--	--	--	--	--	--	14.3	--	--
Iron	739	1	--	--	--	--	--	--	--	12.9	--	--	1.3	--	--
Kane	90	0	--	--	--	--	--	--	--	--	--	--	0.0	--	--
Washington	1,971	2	--	--	--	--	11.0	5.7	--	--	--	--	1.7	--	--
Summit	468	81	173.1	349.4	340.4	319.3	247.7	245.1	282.7	211.2	231.3	237.2	201.8	190.3	165.4
Tooele	998	73	73.1	94.9	119.0	142.9	122.7	99.8	94.6	83.6	59.6	67.6	60.8	49.2	58.2
Uintah Basin	834	25	30.0	72.5	53.4	51.3	48.0	52.2	29.1	31.8	22.6	22.5	27.2	33.2	22.8
Daggett	9	1	--	--	--	--	--	--	--	--	--	--	0.0	--	--
Duchesne	319	11	34.5	35.3	56.9	44.4	--	48.8	--	27.7	--	35.6	33.8	24.8	29.2
Uintah	506	13	25.7	92.4	48.6	56.3	59.0	53.3	38.8	32.3	21.8	--	23.6	39.6	19.8
Utah County	10,588	240	22.7	32.4	30.2	30.8	27.7	28.1	23.6	30.1	21.4	22.0	24.8	23.7	20.3
Wasatch	393	27	68.7	105.0	75.3	75.6	46.6	--	41.5	34.6	45.6	55.8	44.1	71.0	66.2
Weber-Morgan	4,143	289	69.8	129.6	122.8	108.6	107.3	88.9	86.2	78.9	79.1	70.3	81.3	68.4	72.0
Morgan	96	2	--	--	--	--	--	--	96.8	--	--	--	0.0	--	--
Weber	4,047	287	70.9	132.5	125.3	110.9	109.3	91.2	85.9	79.9	80.1	71.1	83.2	69.3	73.2

¹Ratios are per 1,000 live births and are not computed for fewer than seven events.

²Abortions ratios for data years 1993 and 1995 may change slightly because birth data for these years are updated. These updates can be viewed at the web site for the Office of Vital Records and Statistics (<http://www.health.state.ut.us/bvr/html/tables.html>)

Table 4a. Abortions, live births and ratios by marital status, residents: Utah, 1980-2001

Marital status	Year								
	1980	1985	1986	1987	1988	1989	1990	1991	1992
Total*									
Induced abortions	3,821	3,928	4,157	4,191	4,149	4,305	4,159	3,759	3,525
Live births	41,786	37,441	36,383	35,285	36,040	35,558	36,253	36,019	37,198
Ratio per 1,000 live births	91.4	104.9	114.3	118.8	115.1	121.1	114.7	104.4	94.8
Married**									
Induced abortions	975	846	865	816	740	844	774	853	914
Live births	39,181	34,366	33,092	31,372	31,822	31,056	31,343	30,823	31,567
Ratio per 1,000 live births	24.9	24.6	26.1	26.0	23.3	27.2	24.7	27.7	29.0
Unmarried***									
Induced abortions	2,820	3,075	3,291	3,303	3,317	3,443	3,351	2,893	2,598
Live births	2,605	3,259	3,567	3,913	4,218	4,502	4,910	5,196	5,631
Ratio per 1,000 live births	1,082.5	943.5	922.6	844.1	786.4	764.8	682.5	556.8	461.4

Table 4b.

Marital status	Year									
	1993 ¹	1994	1995 ¹	1996	1997	1998	1999	2000	2001	2002
Total*										
Induced abortions	3,615	3,304	3,292	3,293	3,140	3,237	3,160	3,279	3,372	3,300
Live births	37,048	38,271	39,554	42,056	43,009	45,128	46,243	47,331	47,915	49,140
Ratio per 1,000 live births	97.6	86.3	83.2	78.3	73.0	71.7	68.3	69.3	70.4	67.2
Married**										
Induced abortions	920	862	786	754	794	860	858	809	844	756
Live births	31,325	32,269	33,338	35,231	35,864	37,388	38,544	39,135	39,478	40,550
Ratio per 1,000 live births	29.4	26.7	23.6	21.4	22.1	23.0	22.3	20.7	21.4	18.6
Unmarried***										
Induced abortions	2,683	2,423	2,494	2,515	2,329	2,357	2,284	2,455	2,348	2,268
Live births	5,723	6,002	6,216	6,825	7,145	7,740	7,699	8,175	8,244	8,399
Ratio per 1,000 live births	468.8	403.7	401.2	368.5	326.0	304.5	296.7	300.3	284.8	270.0

¹Abortions ratios for data years 1993 and 1995 may change slightly because birth data for these years are updated. These updates can be viewed at the web site for the Office of Vital Records and Statistics (<http://www.health.state.ut.us/bvr/html/tables.html>)

*Women with marital status unknown are included in the annual totals but are not distributed.

**The sum of women who are married plus women who are separated.

***The sum of women who are widowed, divorced and those who have never married.

Table 5. Population for females 15 to 44 years of age, residents: Utah, 1990-2002

Year	Total all ages	Five year age groups (15 to 44 years of age)					
		15-19	20-24	25-29	30-34	35-39	40-44
1990	394,297	76,503	69,220	67,851	68,922	61,502	50,299
1991	410,106	77,937	75,023	66,780	71,169	64,499	54,698
1992	423,145	82,450	78,372	66,298	72,135	67,539	56,351
1993	436,287	86,805	81,918	65,958	73,100	69,704	58,802
1994	451,177	91,398	84,491	67,930	73,644	71,809	61,905
1995	463,847	95,756	85,758	71,260	72,906	73,475	64,692
1996	475,709	99,538	86,578	75,991	71,062	75,233	67,307
1997	486,592	100,155	91,304	78,550	70,283	76,025	70,275
1998	492,370	100,343	94,787	80,276	68,774	76,315	71,875
1999	498,067	99,667	98,698	81,031	69,397	75,965	73,309
2000	526,502	108,357	112,706	85,742	71,737	74,188	73,772
2001	538,835	105,705	119,289	88,629	75,935	73,563	75,714
2002	538,998	102,991	119,978	90,474	77,929	71,881	75,745

Population source for data years 1990, 2000 and 2001: Demographic and Economic Analysis section, Governor's Office of Planning and Budget; Detailed Table: State of Utah female population by single year of age, 1980-2030; 2002 baseline demographic and economic projections; <http://www.governor.state.ut.us/projections/Tables/tables.html>.

*Population source for 1991 through 1999 are from earlier baseline projections.

Table 6. Age-specific abortion rates, residents: Utah, 1990-2002

Year	Total all ages ¹	Age of woman ¹					
		15-19	20-24	25-29	30-34	35-39	40-44
1990*	10.5	12.7	19.8	13.2	7.8	4.1	1.5
1991*	9.2	10.7	16.8	11.6	7.1	4.0	1.3
1992*	8.3	8.6	15.3	11.5	6.5	4.0	1.1
1993*	8.3	8.3	14.9	12.0	6.5	3.9	1.2
1994*	7.3	7.1	12.6	10.6	6.5	3.8	1.3
1995*	7.1	6.3	12.3	11.0	6.6	3.7	1.2
1996*	6.9	6.6	12.3	9.7	6.9	3.2	1.3
1997*	6.4	5.7	9.4	8.2	6.0	3.5	1.2
1998*	6.5	5.8	10.7	9.1	7.1	3.4	1.2
1999*	6.3	5.8	10.6	8.9	6.2	3.4	1.4
2000	6.2	5.3	10.4	8.4	6.0	3.4	1.1
2001	6.3	5.2	9.7	8.2	6.4	3.8	1.2
2002	6.1	0.1	4.2	21.2	5.9	3.8	1.2

¹Rates are per 1,000 females 15 to 44 years of age. The abortion component of the rate totals include women less than 15 years of age, 45 years and older and age unknown.

Population source for data years 1980, 1990, and 2000-2002: Demographic and Economic Analysis section, Governor's Office of Planning and Budget; Detailed Table: State of Utah female population by single year of age, 1980-2030; 2002 baseline demographic and economic projections; <http://www.governor.state.ut.us/projections/Tables/tables.html>.

*Population source for 1991 through 1999 are from earlier baseline projections.

2002 Reference Tables:

Abortions

Table R1. Abortion by health district, county of residence of woman and place of occurrence: Utah 2002

District and County	Place of occurrence	
	Total	Salt Lake
Total	3,524	3,524
Bear River	100	100
Box Elder	32	32
Cache	68	68
Rich	0	0
Central Utah	29	29
Juab	4	4
Millard	5	5
Piute	0	0
Sanpete	14	14
Sevier	5	5
Wayne	1	1
Davis	242	242
Salt Lake	2,162	2,162
Southeastern	27	27
Carbon	20	20
Emery	5	5
Grand	2	2
San Juan	0	0
Southwest	3	3
Beaver	0	0
Garfield	0	0
Iron	1	1
Kane	0	0
Washington	2	2
Summit	81	81
Tooele	73	73
Tri-County	25	25
Daggett	1	1
Duchesne	11	11
Uintah	13	13
Utah County	240	240
Wasatch	27	27
Weber-Morgan	289	289
Morgan	2	2
Weber	287	287
Out of State	224	224
Other	2	2

Provisional Table R2. Abortions by health district, county of residence and age of woman: Utah, 2002

District and County	Total	Age of Woman										
		Under 15	15 to 19			20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 and over	Un-known
			Total	15 to 17	18 to 19							
Total	3,300	12	504	147	357	1,147	772	458	274	93	6	34
Bear River	100	1	20	4	16	31	18	15	11	3	0	1
Box Elder	32	1	7	2	5	10	5	3	4	1	0	1
Cache	68	0	13	2	11	21	13	12	7	2	0	0
Rich	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	29	0	4	0	4	11	9	4	1	0	0	0
Juab	4	0	1	0	1	1	1	1	0	0	0	0
Millard	5	0	1	0	1	1	2	0	1	0	0	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	14	0	1	0	1	6	5	2	0	0	0	0
Sevier	5	0	1	0	1	2	1	1	0	0	0	0
Wayne	1	0	0	0	0	1	0	0	0	0	0	0
Davis	242	0	36	10	26	101	45	31	17	9	0	3
Salt Lake	2,162	9	318	98	220	762	513	302	174	61	3	20
Southeastern	27	0	5	0	5	6	6	6	4	0	0	0
Carbon	20	0	3	0	3	5	5	3	4	0	0	0
Emery	5	0	2	0	2	0	1	2	0	0	0	0
Grand	2	0	0	0	0	1	0	1	0	0	0	0
San Juan	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	3	0	0	0	0	1	2	0	0	0	0	0
Beaver	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0	0	0
Iron	1	0	0	0	0	0	1	0	0	0	0	0
Kane	0	0	0	0	0	0	0	0	0	0	0	0
Washington	2	0	0	0	0	1	1	0	0	0	0	0
Summit	81	0	6	3	3	22	24	12	9	6	1	1
Tooele	73	0	14	4	10	32	14	10	1	1	0	1
Tri-County	25	1	3	0	3	4	8	8	0	1	0	0
Daggett	1	0	0	0	0	0	1	0	0	0	0	0
Duchesne	11	1	2	0	2	1	4	3	0	0	0	0
Uintah	13	0	1	0	1	3	3	5	0	1	0	0
Utah County	240	0	39	10	29	69	65	35	22	6	2	2
Wasatch	27	1	1	0	1	6	11	2	4	1	0	1
Weber-Morgan	289	0	56	18	38	102	57	33	31	5	0	5
Morgan	2	0	0	0	0	1	1	0	0	0	0	0
Weber	287	0	56	18	38	101	56	33	31	5	0	5
Other	2	0	2	0	2	0	0	0	0	0	0	0

Table R3. Abortions by health district, county of residence and month of occurrence: Utah 2002

District and County	Total	Month of Occurrence											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	3,300	310	260	329	262	256	252	285	284	236	299	282	245
Bear River	100	4	8	9	7	5	12	11	7	9	8	10	10
Box Elder	32	1	1	0	4	3	4	4	3	4	2	2	4
Cache	68	3	7	9	3	2	8	7	4	5	6	8	6
Rich	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	29	0	3	6	2	3	1	3	3	2	2	3	1
Juab	4	0	0	0	0	0	0	0	0	1	2	0	1
Millard	5	0	0	2	0	1	0	0	0	1	0	1	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	14	0	3	3	2	1	1	2	1	0	0	1	0
Sevier	5	0	0	1	0	1	0	0	2	0	0	1	0
Wayne	1	0	0	0	0	0	0	1	0	0	0	0	0
Davis	242	31	21	26	17	17	14	19	18	14	21	22	22
Salt Lake	2,162	205	163	206	182	164	161	190	186	163	198	182	162
Southeastern	27	2	1	5	1	3	5	0	3	3	1	3	0
Carbon	20	2	0	4	1	3	2	0	2	3	0	3	0
Emery	5	0	0	1	0	0	2	0	1	0	1	0	0
Grand	2	0	1	0	0	0	1	0	0	0	0	0	0
San Juan	0	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	3	0	0	1	0	1	0	0	0	1	0	0	0
Beaver	0	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron	1	0	0	0	0	0	0	0	0	1	0	0	0
Kane	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	2	0	0	1	0	1	0	0	0	0	0	0	0
Summit	81	7	6	7	9	6	6	6	5	6	11	6	6
Tooele	73	6	10	8	2	6	3	3	12	5	7	6	5
Tri-County	25	3	2	3	4	2	2	2	0	0	3	3	1
Daggett	1	0	0	0	0	0	0	0	0	0	1	0	0
Duchesne	11	2	0	1	2	1	1	1	0	0	1	1	1
Uintah	13	1	2	2	2	1	1	1	0	0	1	2	0
Utah County	240	23	18	22	22	20	15	28	20	15	20	27	10
Wasatch	27	2	3	3	0	2	3	1	7	0	2	3	1
Weber-Morgan	289	27	25	33	16	26	29	22	23	18	26	17	27
Morgan	2	0	0	0	0	1	0	0	1	0	0	0	0
Weber	287	27	25	33	16	25	29	22	22	18	26	17	27
Other	2	0	0	0	0	1	1	0	0	0	0	0	0

Table R4. Abortions by age and marital status of woman, residents: Utah, 2002

Age	Total	Marital Status of Woman					Un- known
		Never Married	Married	Widowed	Divorced	Separated	
Total	3,300	1,840	603	15	413	153	276
Under 15	12	11	0	0	1	0	0
Total 15 to 19	504	437	19	0	4	3	41
15-17	147	135	2	0	0	0	10
18-19	357	302	17	0	4	3	31
20-24	1,147	798	132	3	84	45	85
25-29	772	362	171	4	124	51	60
30-34	458	137	131	4	101	37	48
35-39	274	61	103	3	70	14	23
40-44	93	16	39	1	27	1	9
45 and over	6	1	3	0	1	1	0
Unknown	34	17	5	0	1	1	10

Table R5. Abortions by weeks gestation and marital status of woman, residents: Utah, 2002

Weeks	Total	Marital Status of Woman					Un- known
		Never Married	Married	Widowed	Divorced	Separated	
Total	3,300	1,840	603	15	413	153	276
Under 5	51	30	9	0	4	1	7
5-6	819	447	148	3	110	35	76
7-8	1,163	643	234	4	160	48	74
9-10	604	346	105	6	70	29	48
11-12	260	158	37	0	30	18	17
13-14	203	112	26	1	30	15	19
15-20	161	86	38	1	6	5	25
Unknown	39	18	6	0	3	2	10

Table R6. Abortions by age and education of woman, residents: Utah, 2002

Age	Total	Education of Woman				Unknown
		Under 12 Years	High School	Over 12 Years		
Total	3,300	501	1,219	1,136	444	
Under 15	12	9	1	1	1	
Total 15 to 19	504	178	202	59	65	
15-17	147	104	22	0	21	
18-19	357	74	180	59	44	
20-24	1,147	159	493	359	136	
25-29	772	82	269	320	101	
30-34	458	42	138	205	73	
35-39	274	25	81	124	44	
40-44	93	2	23	56	12	
45 and over	6	0	3	3	0	
Others	34	4	9	9	12	

Table R7. Abortions by age and race of woman, residents: Utah, 2002

Age	Race of Woman						
	Total	White	Black	Asian and Pacific Islander	Native American	Other	Unknown
Total	3,300	2,444	64	221	32	95	444
Under 15	12	7	1	0	1	1	2
Total 15 to 19	504	406	13	22	6	8	49
15-17	147	118	3	5	3	2	16
18-19	357	288	10	17	3	6	33
20-24	1,147	865	19	70	8	24	161
25-29	772	553	14	61	9	28	107
30-34	458	306	11	33	4	20	84
35-39	274	202	5	22	3	10	32
40-44	93	75	1	11	1	0	5
45 and over	6	5	0	0	0	1	0
Unknown	34	25	0	2	0	3	4

Table R8. Abortions by weeks gestation and race of woman, residents: Utah, 2002

Weeks	Race of Woman						
	Total	White	Black	Asian and Pacific Islander	Native American	Other	Unknown
Total	3,300	2,444	64	221	32	95	444
Under 5	51	40	1	4	0	0	6
5-6	819	593	20	72	2	18	114
7-8	1,163	868	19	83	8	33	152
9-10	604	455	14	35	5	21	74
11-12	260	194	4	12	9	7	34
13-14	203	153	4	4	5	11	26
15-20	161	114	2	11	3	4	27
Unknown	39	27	0	0	0	1	11

Table R9. Abortions by age of woman and number of prior live births, residents: Utah, 2002

Age	Prior Live Births							Five or More	Un-known
	Total	None	One	Two	Three	Four			
Total	3,300	1,270	840	636	304	93	57	100	
Under 15	12	11	0	1	0	0	0	0	
Total 15 to 19	504	384	93	16	2	0	0	9	
15-17	147	131	11	2	0	0	0	3	
18-19	357	253	82	14	2	0	0	6	
20-24	1,147	518	373	178	44	8	0	26	
25-29	772	222	180	200	109	30	8	23	
30-34	458	79	107	124	76	29	23	20	
35-39	274	37	58	77	53	17	18	14	
40-44	93	7	21	32	15	9	5	4	
45 and over	6	0	0	1	4	0	1	0	
Unknown	34	12	8	7	1	0	2	4	

Table R10. Abortions by age of woman and number of prior abortions, residents: Utah, 2002

Age	Prior Abortions						Five or More	Un-known
	Total	None	One	Two	Three	Four		
Total	3,300	2,126	754	232	69	27	18	74
Under 15	12	10	0	2	0	0	0	0
Total 15 to 19	504	439	49	7	1	0	0	8
15-17	147	138	5	0	0	0	0	4
18-19	357	301	44	7	1	0	0	4
20-24	1,147	817	245	50	10	1	1	23
25-29	772	449	206	67	22	10	3	15
30-34	458	226	127	48	23	10	10	14
35-39	274	121	88	44	8	4	2	7
40-44	93	41	31	11	5	1	2	2
45 and over	6	5	0	1	0	0	0	0
Unknown	34	18	8	2	0	1	0	5

Table R11. Abortions by weeks gestation and number of prior abortions, residents: Utah, 2002

Weeks	Prior Abortions						Five or More	Un-known
	Total	None	One	Two	Three	Four		
Total	3,300	2,126	754	232	69	27	18	74
Under 5	51	38	6	4	2	0	0	1
5-6	819	525	195	55	12	6	4	22
7-8	1,163	757	270	79	25	9	9	14
9-10	604	382	136	47	19	7	2	11
11-12	260	163	63	21	3	2	2	6
13-14	203	142	36	13	4	3	0	5
15-20	161	100	41	8	2	0	1	9
Unknown	39	19	7	5	2	0	0	6

Table R12. Abortions by age of woman and reason for termination, residents: Utah, 2002

Age	Reason for Termination								
	Total	Maternal	Thera- peutic	Fetal	Rape	Incest	Elective	Other	Un- known
		Life		Malform- ation					
Total	3,300	11	3,251	8	11	0	13	0	6
Under 15	12	0	10	0	1	0	1	0	0
Total 15 to 19	504	3	497	0	0	0	2	0	2
15-17	147	2	143	0	0	0	2	0	0
18-19	357	1	354	0	0	0	0	0	2
20-24	1,147	4	1,129	2	7	0	4	0	1
25-29	772	2	762	0	2	0	4	0	2
30-34	458	0	455	3	0	0	0	0	0
35-39	274	1	270	2	0	0	1	0	0
40-44	93	1	91	0	1	0	0	0	0
45 and over	6	0	6	0	0	0	0	0	0
Unknown	34	0	31	1	0	0	1	0	1

Table R13. Abortions by weeks gestation and reason for termination, residents: Utah, 2002

Weeks	Reason for Termination								
	Total	Maternal	Thera- peutic	Fetal	Rape	Incest	Elective	Other	Un- known
		Life		Malform- ation					
Total	3,300	11	3,251	8	11	0	13	0	6
Under 5	51	0	50	0	0	0	0	0	1
5-6	819	3	812	0	1	0	2	0	1
7-8	1,163	3	1,145	1	4	0	7	0	3
9-10	604	1	598	2	2	0	1	0	0
11-12	260	0	256	1	1	0	1	0	1
13-14	203	2	197	2	0	0	2	0	0
15-20	161	1	155	2	3	0	0	0	0
Unknown	39	1	38	0	0	0	0	0	0

Table R14. Abortions by age of woman and weeks gestation, residents: Utah, 2002

Age	Weeks Gestation								Un- known
	Total	Under 5	5-6	7-8	9-10	11-12	13-14	15-20	
Total	3,300	51	819	1,163	604	260	203	161	39
Under 15	12	0	2	5	0	3	2	0	0
Total 15 to 19	504	6	103	164	111	44	38	34	4
15-17	147	2	20	47	40	15	10	11	2
18-19	357	4	83	117	71	29	28	23	2
20-24	1,147	13	271	401	206	91	86	60	19
25-29	772	15	220	261	134	67	38	33	4
30-34	458	9	117	182	85	26	20	14	5
35-39	274	4	64	106	48	23	15	8	6
40-44	93	2	27	34	14	3	4	8	1
45 and over	6	0	3	3	0	0	0	0	0
Unknown	34	2	12	7	6	3	0	4	0

Table R15. Abortions by age of woman and method of termination, residents: Utah, 2002

Age	Total	Method of Termination							
		Dilation and Evacuation	Suction Curettage	Sharp Curettage	Medication	Intra-Uterine Instillation	Hysterectomy	Other	Unknown
Total	3,300	163	2,287	31	819	0	0	0	0
Under 15	12	1	9	1	1	0	0	0	0
Total 15 to 19	504	36	354	6	108	0	0	0	0
15-17	147	14	103	2	28	0	0	0	0
18-19	357	22	251	4	80	0	0	0	0
20-24	1,147	59	774	13	301	0	0	0	0
25-29	772	40	542	5	185	0	0	0	0
30-34	458	10	327	5	116	0	0	0	0
35-39	274	7	197	0	70	0	0	0	0
40-44	93	7	61	0	25	0	0	0	0
45 and over	6	0	5	0	1	0	0	0	0
Unknown	34	3	18	1	12	0	0	0	0

Table R16. Abortions by weeks gestation and method of termination, residents: Utah, 2002

Weeks	Total	Method of Termination							
		Dilation and Evacuation	Suction Curettage	Sharp Curettage	Medication	Intra-Uterine Instillation	Hysterectomy	Other	Unknown
Total	3,300	163	2,287	31	819	0	0	0	0
Under 5	51	0	10	0	41	0	0	0	0
5-6	819	1	399	1	418	0	0	0	0
7-8	1,163	3	853	2	305	0	0	0	0
9-10	604	1	563	1	39	0	0	0	0
11-12	260	7	248	2	3	0	0	0	0
13-14	203	48	144	7	4	0	0	0	0
15-20	161	91	52	18	0	0	0	0	0
Unknown	39	12	18	0	9	0	0	0	0

Table R17. Abortions by age of woman and mention of any complications, residents: Utah, 2002

Age	3,300	Mention of any Complication		
		Yes	No	Unknown
Total	3,300	0	3,288	12
Under 15	12	0	12	0
Total 15 to 19	504	0	502	2
15-17	147	0	146	1
18-19	357	0	356	1
20-24	1,147	0	1,143	4
25-29	772	0	769	3
30-34	458	0	457	1
35-39	274	0	273	1
40-44	93	0	92	1
45 and over	6	0	6	0
Unknown	34	0	34	0

Table R18. Abortions by age of woman and contraceptive history, residents: Utah, 2002

Age	Total	Contraceptive History		
		Yes	No	Unknown
Total	3,300	1,681	1,478	141
Under 15	12	3	8	1
Total 15 to 19	504	222	262	20
15-17	147	59	81	7
18-19	357	163	181	13
20-24	1,147	603	502	42
25-29	772	429	313	30
30-34	458	234	200	24
35-39	274	127	133	14
40-44	93	46	44	3
45 and over	6	4	1	1
Unknown	34	13	15	6

Table R19. Abortions by age of woman and omission of contraceptive, residents: Utah, 2002

Age	Total	Omitted Contraceptive		
		Yes	No	Unknown
Total	3,300	826	1,205	1,269
Under 15	12	3	4	5
Total 15 to 19	504	115	165	224
15-17	147	30	46	71
18-19	357	85	119	153
20-24	1,147	298	427	422
25-29	772	225	280	267
30-34	458	100	186	172
35-39	274	54	89	131
40-44	93	23	40	30
45 and over	6	2	2	2
Unknown	34	6	12	16

Table R20. Abortions by age of woman and method of contraceptive, residents: Utah, 2002

Age	Total	Method of Contraceptive								Un-known	Not Applicable
		Oral (pill)	Diaphragm	Foam Jelly	Condom	I U D	Surgical Sterilization	Other			
Total	3,300	827	15	37	689	26	16	50	184	1,478	
Under 15	12	1	0	0	2	0	0	0	1	8	
Total 15 to 19	504	105	1	4	103	0	0	6	28	262	
15-17	147	22	0	2	29	0	0	1	11	81	
18-19	357	83	1	2	74	0	0	5	17	181	
20-24	1,147	324	3	12	228	7	3	12	58	502	
25-29	772	210	5	7	185	9	4	13	36	313	
30-34	458	109	4	9	88	7	5	9	33	200	
35-39	274	49	2	4	59	1	3	7	16	133	
40-44	93	23	0	1	18	2	0	2	4	44	
45 and over	6	0	0	0	2	0	1	1	1	1	
Unknown	34	6	0	0	4	0	0	0	7	15	

Note: The totals do not add because more than one choice is possible for each number in the total.

Table R21. Abortions by marital status of woman and method of contraceptive, residents: Utah, 2002

Age	Total	Method of Contraceptive								Un-known	Not Applicable
		Oral (pill)	Diaphragm	Foam Jelly	Condom	I U D	Surgical Sterilization	Other			
Total	3,300	827	15	37	689	26	16	50	184	1,478	
Never Married	1,840	525	9	17	414	10	0	25	62	801	
Married	603	135	3	13	139	6	13	15	20	260	
Widowed	15	4	0	0	3	0	0	0	2	6	
Divorced	413	125	3	5	88	5	2	6	9	169	
Separated	153	27	0	2	33	4	0	3	3	78	
Unknown	276	11	0	0	12	1	1	1	88	164	

Note: The totals do not add because more than one choice is possible for each number in the total.

Table R22. Abortions by number of prior abortions and prior live births and method of contraceptive, residents: Utah, 2002

Births Now Living/ Prior Aabortions	Method of Contraceptive									
	Total	Oral (pill)	Diaphragm	Foam Jelly	Condom	I U D	Surgical Steril- ization	Other	Un- known	Not Applicable
Total	3,300	827	15	37	689	26	16	50	184	1,478
No Live Births	1,270	328	9	9	303	1	0	10	62	561
One Live Birth	851	238	3	14	166	4	2	14	34	396
More than One Birth	1,109	254	3	14	216	21	14	24	48	503
Births Unknown	70	7	0	0	4	0	0	2	40	18
No Abortions	2,126	516	8	18	446	18	13	27	89	997
No Live Births	953	225	4	6	226	1	0	4	45	444
One Live Birth	525	138	2	6	98	4	1	8	17	256
More than One Birth	645	153	2	6	122	13	12	14	27	295
Births Unknown	3	0	0	0	0	0	0	1	0	2
One Abortion	754	204	4	10	172	5	2	15	36	314
No Live Births	244	79	4	2	62	0	0	4	15	83
One Live Birth	207	62	0	4	40	0	0	4	10	94
More than One Birth	298	61	0	4	69	5	2	7	10	136
Births Unknown	5	2	0	0	1	0	0	0	1	1
More Than One Abortion	346	100	3	8	69	3	1	7	18	144
No Live Births	69	24	1	0	15	0	0	2	2	30
One Live Birth	114	37	1	4	28	0	1	2	7	42
More than One Birth	160	39	1	4	25	3	0	3	9	70
Births Unknown	3	0	0	0	1	0	0	0	0	2
Abortions Unknown	74	7	0	1	2	0	0	1	41	23
No Live Births	4	0	0	1	0	0	0	0	0	4
One Live Birth	5	1	0	0	0	0	0	0	0	4
More than One Birth	6	1	0	0	0	0	0	0	2	2
Births Unknown	59	5	0	0	2	0	0	1	39	13

Note: The totals do not add because more than one choice is possible for each number in a total.

Table R23. Abortions by education of woman and method of contraceptive, residents: Utah, 2002

Age	Method of Contraceptive									
	Total	Oral (pill)	Diaphragm	Foam Jelly	Condom	I U D	Surgical Steril- ization	Other	Un- known	Not Applicable
Total	3,300	827	15	37	689	26	16	50	184	1,466
Under 12 Years	501	107	0	5	92	6	4	6	14	256
High School	1,219	335	7	10	225	7	5	17	43	578
Over 12 Years	1,136	337	8	19	348	13	7	22	31	364
Unknown	444	48	0	3	24	0	0	5	96	268

Note: The totals do not add because more than one choice is possible for each number in the total.

2002 Technical Appendix:

Abortions

Technical Appendix

Section 76-7-313, Utah Code Annotated 1953 as amended requires that the report of induced termination of pregnancy (Figure A) be filed with the State of Utah's Department of Health within ten days after the abortion.

The reported number of abortions to Utah residents that are performed out of state is small and suggests an undercount. This small number of reported abortions that occur in other states are not shown by county of residence in this report.

For both the summary and reference tables in this report, data are tabulated by health district as well as county of residence to meet the needs of local health departments.

Population data are from the Demographic and Economic Analysis section of the Governor's Office of Planning and Budget.

Formulas used to compute rates and ratios used in this report are defined as follows:

Abortion Rate = $\frac{\text{Total Number of Induced Abortions to Resident Females (1,000)}}{\text{Total Number of Resident Females 15-44 Years of Age}}$

Abortion Ratio = $\frac{\text{Total Number of Induced Abortions to Resident Females (1,000)}}{\text{Total Number of Live Births to Resident Females}}$

Figure 1

STATE OF UTAH DEPARTMENT OF HEALTH
REPORT OF INDUCED TERMINATION OF PREGNANCY

CONFIDENTIAL
This report will be used for statistical purposes by the Utah Department of Health. It may be used to insure compliance with the provisions of the Utah State Abortion Law. It will be kept Confidential pursuant to Chapter 25, Title 26.

1. PLACE where termination occurred hospital or other facility. If not in hospital or clinic, enter street address.
1b. CITY
1c. COUNTY

2. RESIDENCE State County City, Village Zip Code
3. PATIENT'S BIRTHDATE Month Year
4. MARITAL STATUS
1 Never Married 2 Married
3 Widowed 4 Divorced
5 Separated

5. WAS PATIENT OF HISPANIC ORIGIN?
1 Yes (If yes, Specify) 2 No
1 Mexican 2 Cuban 3 Puerto Rican
6. RACE
1 White 2 Black
3 American Indian 9 Asian/Pacific Islander
7. EDUCATION (Specify highest grade completed)
Elementary/Secondary (0-12)
College (13-16 or 17+)

8. PREVIOUS PREGNANCIES (Complete each section)
LIVE BIRTHS OTHER PREGNANCIES
8a. Now Living 8b. Now Dead 8c. Spontaneous Terminations 8d. Induced Terminations
9. CONTRACEPTIVE HISTORY
10. METHODS (if "yes" to no. 9, what method(s) used?)
0 Oral (pill) 5 Surgical Sterilization
1 Diaphragm 6 Rhythm
2 Foam Jelly 7 Coitus Interruptus (Withdrawal)
3 Condom 8 IUD
4 IUD 9 Other (Specify)

11. If "Yes" to no. 9, did the pregnancy follow from temporarily omitting the method of contraception?
1 Yes 2 No 9 Unknown
If "Yes", which method?
12. ANTI-RH IMMUNE globulin indicated
1 Yes 2 No 9 Unknown
13. ANTI-RH IMMUNE globulin given
1 Yes 2 No 3 Patient Refused

14. DATE OF TERMINATION Month Day Year
15. FIRST DAY OF LAST MENSTRUAL PERIOD Month Day Year
16. CLINICAL ESTIMATE OF GESTATION (Weeks)
17. EVIDENCE OF PREVIOUS ATTEMPT TO TERMINATE THIS PREGNANCY
1 Yes 2 No 9 Unknown

18a. PROCEDURE THAT TERMINATED PREGNANCY (Check only one)
1 Suction Curettage
2 Sharp Curettage (D & C)
3 Dilatation and Evacuation (D & E)
4 Medical (Nonsurgical), Specify Medication(s)
5 Intra-Uterine Instillation (Saline or Prostaglandin)
6 Hysterotomy/Hysterectomy
7 Other (Specify)
18b. ADDITIONAL PROCEDURES USED FOR THIS TERMINATION, IF ANY (Check all that apply)
1 Therapeutic
2 Fetal Malformation
3 HIV Positive
4 Rape
5 Incest
6 Elective
7 Other
19. REASON FOR TERMINATION
1 Maternal Life Endangered
2 Therapeutic
3 Fetal Malformation
4 HIV Positive
5 Rape
6 Incest
7 Elective
8 Other

20. COMPLICATIONS (Check all that apply)
0 None 1 Hemorrhage 2 Perforation of Uterus 3 Cervical Laceration 4 Infection 5 Anesthetic 6 Retained Products 7 Death 8 Other, Specify:

21. HOSPITALIZATION REQUIRED AS A RESULT OF COMPLICATIONS 1 Yes 2 No
If "yes", Name of Hospital: ADMISSION DATE: / /

22. WAS THE FETUS CAPABLE OF SURVIVAL OUTSIDE THE UTERUS?
1 Yes 2 No 9 Unknown
Subscribed & sworn to before me this ___ day of ___ 19__

23. I hereby certify that the required consent was voluntarily obtained as provided in Section 76-7-305, Utah Code Annotated, 1953 as Amended.
24. SIGNATURE OF PHYSICIAN
25. NAME OF PHYSICIAN (Print or Type)
26. DATE
S E A L

SURGICAL PATHOLOGY REPORT

GROSS and MICROSCOPIC
TO BE COMPLETED ON ALL INDUCED ABORTIONS

- 1) Presence of chorionic villi 1 Yes 2 No 9 Unknown
- 2) Presence of decidual tissue 1 Yes 2 No 9 Unknown
- 3) Presence of marked inflammatory reaction. 1 Yes 2 No 9 Unknown
- 4) Presence of embryo or fetal parts. 1 Yes 2 No 9 Unknown
- 5) Gross appearance of embryo 1 Normal
2 Macerated
3 Malformed - Type _____

- 6) Measurements of embryo Length _____ cms
Weight _____ gms.

COMPLETE THIS SECTION FOR ABORTIONS BEYOND 90 DAYS GESTATION

- 1. **Measurement of Embryo**
 - Heel to Toe _____ mm.
 - Biparietal Diameter _____ cm.
 - Date BPD Measured _____
- 2. **Complications or Post-Operative Morbidity**
 - 00 None
 - 01 Cardiac Arrest
 - 02 Disseminated Intravascular Coagulation
 - 03 Ectopic Pregnancy
 - 04 Failed Abortion
 - 05 Hemorrhage (less than 500 ml.)
 - 06 Hemorrhage (500 ml. or more)
 - 07 Incomplete abortion (retained tissue)
 - 08 Injury to cervix
 - 09 Pelvic Infection
 - 10 Perforation
 - 11 Postabortal bleeding or spotting
 - 12 Pulmonary embolism or infarction
 - 13 Reaction to Anesthesia - general
 - 14 Reaction to Anesthesia - local
 - 15 Respiratory arrest
 - 16 Other, Specify _____
- 3. **Time of Complication**
 - 1 During Procedure
 - 2 During Recovery
 - 3 After Discharge
- 4. **Management of Complication**
 - 1 Hospitalization (immediate)
 - 2 Hospitalization (later by Facility)
 - 3 Hospitalization (later not by Facility)
 - 4 Repeat Evacuation (immediate)
 - 5 Repeat Evacuation (later at Facility)
 - 6 Repeat Evacuation (later not at Facility)
- 5. **Two Week Follow-up**
 - 1 In Facility, Normal
 - 2 Other _____
 - 3 Other Facility, Normal
 - 4 Other _____
 - 5 Examination Not Done
 - 6 Unable to Contact
- 6. **Future Contraception Planned**
 - 1 Oral (Pill)
 - 2 IUD
 - 3 Diaphragm
 - 4 Other Contraception
 - 5 None Wanted
- 7. **Reason for Late Abortion**
 - 1 Woman continued to have menses
 - 2 Afraid to tell parents, spouse, etc.
 - 3 Denial of Pregnancy
 - 4 Planned pregnancy, change of circumstances
 - 5 Suspected or known fetal malformation
 - 6 Late referral
 - 7 Unable to afford cost earlier in pregnancy
 - 8 Other, Specify _____

UTAH DEPARTMENT OF HEALTH
CENTER FOR HEALTH DATA
OFFICE OF VITAL RECORDS AND STATISTICS
PO BOX 141012
SALT LAKE CITY UT 84114-1012

BULK RATE
U.S. POSTAGE PAID
PERMIT NO 4621
SALT LAKE CITY UT