

For more information about these tables contact the [Health Statistics Section](#) of the Colorado Department of Public Health and Environment at 303.692.2160.

Fremont County Births and Deaths 2002

- Selected birth characteristics: Fremont County residents, 2002 2
- Selected birth characteristics by age group of mother: Fremont County residents, 2002 3
- Selected birth characteristics by race/ethnicity of mother: Fremont County residents, 2002..... 4
- Live births and fertility rates by age of mother: Fremont County residents, 2002 5
- Vital statistics summary: Fremont County residents, 1992, 1998-2002 6
- Deaths from selected causes by race/ethnicity: Fremont County residents, 2002 8
- Deaths and age-specific death rates: Fremont County residents, 2002 9
- Deaths and age-specific death rates from selected causes: Fremont County residents, 2002 10
- Deaths, crude death rates and age-adjusted death rates from selected causes:
 - Fremont County residents, 2002 11

Selected birth characteristics: Fremont county residents, 2002

Characteristic	Number	Percent
Total Live Births	412	100.0
Age of Mother		
10-17	22	5.3
18-19	49	11.9
20-29	240	58.3
30+	101	24.5
Low Weight Births (<2,500 Grams)	39	9.5
Very Low Weight Births (<1,500 Grams)	7	1.7
Prenatal Care Later than 1st Trimester/No Care	64	15.5
No Prenatal Care	*	*
Preterm Births (<37 Weeks)	41	10.0
Education of Mother <12 Years	91	22.1
Live Births to Unmarried Women	167	40.5
Smoking During Pregnancy	129	31.3

* indicates one or two events in the category.

Sums may not add to total due to cases with age of mother unknown.

Percentages are of total births, excluding cases with specific characteristics unknown.

See technical notes at www.cdphe.state.co.us/hs for definitions of data items.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Selected birth characteristics by age group of mother: Fremont county residents, 2002

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	412	100.0	22	100.0	49	100.0	240	100.0	101	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	362	87.9	18	81.8	45	91.8	204	85.0	95	94.1
White Hispanic	38	9.2	3	13.6	3	6.1	27	11.3	5	5.0
Black	6	1.5	0	0.0	0	0.0	6	2.5	0	0.0
Other	6	1.5	*	*	*	*	3	1.3	*	*
Low Weight Births (<2,500 Grams)	39	9.5	*	*	8	16.3	26	10.8	3	3.0
Very Low Weight Births (<1,500 Grams)	7	1.7	0	0.0	*	*	5	2.1	*	*
Prenatal Care Later than 1st Trimester/No Care	64	15.6	9	40.9	9	18.4	33	13.8	13	12.9
No Prenatal Care	*	*	*	*	0	0.0	0	0.0	*	*
Preterm Births (<37 Weeks)	41	10.0	*	*	8	16.3	22	9.2	10	9.9
Education of Mother <12 Years	91	22.1	19	86.4	19	38.8	40	16.7	13	12.9
Live Births to Unmarried Women	167	40.5	19	86.4	33	67.3	93	38.8	22	21.8
Smoking During Pregnancy	129	31.3	7	31.8	17	34.7	81	33.8	24	23.8

* indicates one or two events in the category.
 Sums may not add to total due to cases with age of mother unknown.
 Percentages are of total births, excluding cases with specific characteristics unknown.
 See technical notes at www.cdphe.state.co.us/hs for definitions of data items.
 Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Selected birth characteristics by race/ethnicity of mother: Fremont county residents, 2002

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	362	100.0	38	100.0	6	100.0	5	100.0	*	*
Age of Mother										
10-17	18	5.0	3	7.9	0	0.0	0	0.0	*	*
18-19	45	12.4	3	7.9	0	0.0	*	*	0	0.0
20-29	204	56.4	27	71.1	6	100.0	3	60.0	0	0.0
30+	95	26.2	5	13.2	0	0.0	*	*	0	0.0
Low Weight Births (<2,500 Grams)	28	7.7	10	26.3	0	0.0	*	*	0	0.0
Very Low Weight Births (<1,500 Grams)	4	1.1	*	*	0	0.0	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	52	14.4	10	26.3	*	*	*	*	0	0.0
No Prenatal Care	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	34	9.4	6	15.8	0	0.0	*	*	0	0.0
Education of Mother <12 Years	77	21.3	9	23.7	*	*	3	60.0	*	*
Live Births to Unmarried Women	140	38.7	19	50.0	5	83.3	*	*	*	*
Smoking During Pregnancy	113	31.2	11	28.9	3	50.0	*	*	0	0.0

* indicates one or two events in the category.

Sums may not add to total due to cases with age or race/ethnicity of mother unknown.

Percentages are of total births of each race/ethnicity group, excluding cases with specific characteristics unknown.

See technical notes at www.cdphe.state.co.us/hs for definitions of data items.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Live births and fertility rates by age group of mother: Fremont county residents, 2002

Age Group	Births	Population	Fertility Rate
All Ages	412	7,757	53.1
Teen Age Groups			
13-14	0	602	0.0
15-17	22	921	23.9
18-19	49	553	88.6
10-17	22	2,378	9.3
10-19	71	2,931	24.2
All Age Groups			
10-14	0	1,457	0.0
15-19	71	1,474	48.2
20-24	142	981	144.8
25-29	98	975	100.5
30-34	54	1,227	44.0
35-39	32	1,431	22.4
40-49	15	3,227	4.6

* indicates one or two events in the category.

Sums may not add to total due to cases with age of mother unknown.

Rates are live births per 1,000 female population in each age group.

Population data for 'all ages' are females ages 15-44.

See technical notes at www.cdphe.state.co.us/hs for definition of fertility rate.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Vital statistics summary: Fremont county residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Total Population	33,819	43,810	45,142	46,365	47,210	47,562	46,018
Total Births							
Number	381	438	457	457	408	412	434
Birth Rate	11.3	10.0	10.1	9.9	8.6	8.7	9.4
General Fertility Rate	63.3	61.5	63.3	62.7	54.5	53.1	58.9
Age of Mother 10-17							
Number	23	30	25	23	23	22	25
Percent of Total Births	6.0	6.8	5.5	5.0	5.6	5.3	5.7
Fertility Rate	13.4	13.6	11.0	9.9	9.7	9.3	10.7
Low Weight Births (<2,500 Grams)							
Number	39	41	43	46	42	39	42
Percent	10.2	9.4	9.4	10.1	10.3	9.5	9.7
Prenatal Care Later Than 1st Trimester							
Number	69	72	73	78	75	64	72
Percent	18.3	16.4	16.0	17.1	18.5	15.6	16.7
Births to Unmarried Women							
Number	87	156	157	136	142	167	152
Percent	22.8	35.6	34.4	29.8	34.8	40.5	34.9
Mother's Education <12 Years							
Number	81	92	80	96	75	91	87
Percent	21.4	21.1	17.6	21.1	18.5	22.2	20.1
Infant Deaths							
Number	4	*	4	4	6	3	4
Rate	10.5	*	8.8	8.8	14.7	7.3	8.7
Neonatal Deaths							
Number	*	*	3	3	4	*	*
Rate	*	*	6.6	6.6	9.8	*	*
Total Deaths							
Number	419	458	489	462	476	506	478
Crude Rate	1238.9	1045.4	1083.2	996.4	1008.3	1063.9	1039.2
Age-Adjusted Rate	959.0	887.7	944.4	878.2	897.6	959.2	914.0
Cardiovascular Disease							
Number	177	170	190	169	172	178	176
Age-Adjusted Rate	391.3	325.1	358.0	313.0	317.5	334.0	329.6
Heart Disease							
Number	146	127	129	121	122	129	126
Age-Adjusted Rate	322.5	243.9	243.8	223.2	226.3	242.6	236.0
Cerebrovascular Disease							
Number	28	42	41	34	30	32	36

(Continued)

* indicates one or two events in the category.

Birth rates are per 1,000 total population.

General fertility rates are births per 1,000 females ages 15-44.

Fertility rates for mothers ages 10-17 are births per 1,000 females of this age group.

Infant and neonatal mortality rates are per 1,000 live births.

Other death rates are per 100,000 population.

Age-adjusted rates are adjusted to the 2000 U.S. population using the direct method applied to 10-year age groups.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Vital statistics summary: Fremont county residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Age-Adjusted Rate	62.6	79.3	77.2	63.4	55.2	59.5	66.8
Malignant Neoplasms							
Number	89	75	105	93	96	102	94
Age-Adjusted Rate	201.5	145.3	204.1	176.1	180.6	194.3	180.2
Lung Cancer							
Number	21	15	26	26	29	24	24
Age-Adjusted Rate	47.4	29.0	50.5	50.1	54.4	45.7	46.0
Breast Cancer							
Number	11	7	9	6	4	6	6
Age-Adjusted Rate	26.6	14.2	17.5	11.4	7.7	11.2	12.3
Total Unintentional Injuries							
Number	14	26	22	25	28	26	25
Age-Adjusted Rate	36.1	54.4	45.4	49.3	55.1	49.0	50.7
Motor Vehicle							
Number	5	10	6	10	8	8	8
Age-Adjusted Rate	14.7	21.7	13.4	21.0	17.7	15.2	17.9
Other Unintentional Injuries							
Number	9	16	16	15	20	18	17
Age-Adjusted Rate	21.4	32.7	32.0	28.3	37.3	33.8	32.8
Chronic Lower Respiratory Diseases							
Number	26	37	38	30	34	31	34
Age-Adjusted Rate	56.6	71.4	72.0	57.0	64.2	58.4	64.6
Suicide							
Number	13	3	7	9	10	15	9
Age-Adjusted Rate	39.0	6.2	14.7	17.0	19.2	29.6	17.6
Homicide and Legal Intervention							
Number	*	0	6	4	4	3	3
Age-Adjusted Rate	*	0.0	12.0	10.0	8.3	5.7	7.2
Work-Related Injury							
Number	*	*	*	4	5	0	*
Age-Adjusted Rate	*	*	*	8.6	9.4	0.0	*

* indicates one or two events in the category.

Birth rates are per 1,000 total population.

General fertility rates are births per 1,000 females ages 15-44.

Fertility rates for mothers ages 10-17 are births per 1,000 females of this age group.

Infant and neonatal mortality rates are per 1,000 live births.

Other death rates are per 100,000 population.

Age-adjusted rates are adjusted to the 2000 U.S. population using the direct method applied to 10-year age groups.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths from selected causes by race/ethnicity: Fremont county residents, 2002

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	506	100.0	481	100.0	21	100.0	*	*	0	0.0	*	*
Cardiovascular Disease	178	35.2	172	35.8	5	23.8	*	*	0	0.0	0	0.0
Heart Disease	129	25.5	124	25.8	5	23.8	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	32	6.3	31	6.4	0	0.0	*	*	0	0.0	0	0.0
Atherosclerosis	9	1.8	9	1.9	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	102	20.2	100	20.8	*	*	0	0.0	0	0.0	*	*
Lung Cancer	24	4.7	23	4.8	0	0.0	0	0.0	0	0.0	*	*
Breast Cancer	6	1.2	6	1.2	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	31	6.1	29	6.0	*	*	*	*	0	0.0	0	0.0
Unintentional Injuries	26	5.1	24	5.0	*	*	0	0.0	0	0.0	0	0.0
Motor Vehicle	8	1.6	7	1.5	*	*	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	18	3.6	17	3.5	*	*	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	6	1.2	6	1.2	0	0.0	0	0.0	0	0.0	0	0.0
Suicide	15	3.0	13	2.7	*	*	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	7	1.4	7	1.5	0	0.0	0	0.0	0	0.0	0	0.0
HIV Infection	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	9	1.8	9	1.9	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	13	2.6	13	2.7	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	3	0.6	*	*	*	*	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention	3	0.6	*	*	*	*	0	0.0	0	0.0	0	0.0
Septicemia	3	0.6	3	0.6	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
All Other	106	20.9	97	20.2	8	38.1	0	0.0	0	0.0	*	*
Injury by Firearm	7	1.4	6	1.2	*	*	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	3	0.6	3	0.6	0	0.0	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	8	1.6	7	1.5	*	*	0	0.0	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

* indicates one or two events in the category.
 Percentages are of total deaths of each race/ethnicity category.
 Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths and age-specific death rates: Fremont county residents, 2002

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	506	47,562	10.6
Infant	3	412	7.3
Neonatal	*	412	*
1-4	0	1,809	0.0
5-9	0	2,621	0.0
10-14	*	2,952	*
15-19	*	3,001	*
20-24	*	2,594	*
25-29	*	3,273	*
30-34	*	3,835	*
35-39	5	4,095	1.2
40-44	11	4,435	2.5
45-49	20	3,844	5.2
50-54	17	3,326	5.1
55-59	27	2,614	10.3
60-64	25	2,057	12.2
65-69	28	1,852	15.1
70-74	56	1,701	32.9
75-79	70	1,311	53.4
80-84	97	953	101.8
85+	139	871	159.6
1-14	*	7,382	*
15-24	3	5,595	0.5
25-64	109	27,479	4.0
65+	390	6,688	58.3

* indicates one or two events in the category.

Infant death is death in the first year of life. Neonatal death is death occurring prior to the 28th day of life.

Infant and neonatal mortality rates are per 1,000 live births. Other death rates are per 1,000 population of the age group.

Population figures for infant and neonatal groups are live births.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths and age-specific death rates from selected causes: Fremont county residents, 2002

Cause of Death	<1		1-14		15-24		25-44		45-64		65+	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Causes	3	7.3	*	*	3	0.5	20	1.3	89	7.5	390	58.3
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	*	*	25	2.1	151	22.6
Heart Disease	0	0.0	0	0.0	0	0.0	*	*	16	1.4	112	16.7
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	6	0.5	26	3.9
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	1.3
Malignant Neoplasms	0	0.0	*	*	0	0.0	3	0.2	17	1.4	81	12.1
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	3	0.3	21	3.1
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	*	*	4	0.6
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	6	0.5	25	3.7
Unintentional Injuries	0	0.0	0	0.0	0	0.0	4	0.3	7	0.6	15	2.2
Motor Vehicle	0	0.0	0	0.0	0	0.0	*	*	5	0.4	*	*
Other Unintentional Injuries	0	0.0	0	0.0	0	0.0	*	*	*	*	14	2.1
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	0.9
Suicide	0	0.0	0	0.0	*	*	7	0.4	5	0.4	*	*
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	*	*	5	0.7
HIV Infection	0	0.0	0	0.0	0	0.0	*	*	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	0	0.0	6	0.5	3	0.4
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	1.9
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	*	*	*	*
Homicide and Legal Intervention	0	0.0	0	0.0	0	0.0	*	*	*	*	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.4
Congenital Anomalies	*	*	0	0.0	0	0.0	*	*	0	0.0	0	0.0
Perinatal Period Conditions	*	*	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	*	*	0	0.0	*	*	*	*	18	1.5	85	12.7
Injury by Firearm	0	0.0	0	0.0	*	*	3	0.2	*	*	0	0.0
Drug-Induced Deaths	0	0.0	0	0.0	0	0.0	3	0.2	0	0.0	0	0.0
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	*	*	6	0.5	*	*
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

* indicates one or two events in the category.

Infant (<1 year) mortality rates are per 1,000 live births.

Other rates are deaths per 1,000 population of the age group.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

**Deaths, crude death rates and age-adjusted death rates with 95% confidence limits for selected causes:
Fremont county residents, 2002**

Cause of Death	N	Crude Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	506	1,063.9	959.2	878.4	1,040.0
Cardiovascular Disease	178	374.2	334.0	285.8	382.2
Heart Disease	129	271.2	242.6	201.2	283.9
Cerebrovascular Disease	32	67.3	59.5	39.0	80.1
Atherosclerosis	9	18.9	16.7	1.7	4.9
Malignant Neoplasms	102	214.5	194.3	156.8	231.9
Lung Cancer	24	50.5	45.7	27.4	64.0
Breast Cancer	6	12.6	11.2	1.0	3.6
Chronic Lower Respiratory Diseases	31	65.2	58.4	37.8	78.9
Unintentional Injuries	26	54.7	49.0	30.2	67.8
Motor Vehicle	8	16.8	15.2	1.6	4.6
Other Unintentional Injuries	18	37.8	33.8	18.2	49.4
Pneumonia and Influenza	6	12.6	11.2	1.0	3.6
Suicide	15	31.5	29.6	14.5	44.6
Diabetes Mellitus	7	14.7	13.1	1.2	4.0
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	9	18.9	17.1	1.8	5.0
Alzheimer's Disease	13	27.3	24.4	11.2	37.7
Nephritis, Nephrosis, Nephrotic Syndrome	3	6.3	5.7	0.4	2.2
Homicide and Legal Intervention	3	6.3	5.7	0.3	2.2
Septicemia	3	6.3	5.7	0.4	2.2
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*
All Other	106	222.9	200.6	162.6	238.7
Injury by Firearm	7	14.7	14.4	1.7	4.8
Drug-Induced Deaths	3	6.3	5.7	0.4	2.2
Alcohol-Induced Deaths	8	16.8	15.1	1.5	4.6
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0.0	0.0	0.0

* indicates one or two events in the category.

Rates are deaths per 100,000 population.

Crude death rates are calculated without age-adjustment.

Age-adjusted rates are adjusted to the 2000 U.S. standard population using the direct method applied to 10-year age groups.

Age-adjusted rates provide a better basis for comparison among different geographical areas or time periods.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.