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Fremont County Births and Deaths 2003

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Selected birth characteristics: Fremont county residents, 2003

Characteristic	Number	Percent
Total Live Births	427	100.0
Age of Mother		
10-17	14	3.3
18-19	52	12.2
20-29	238	55.7
30+	123	28.8
Low Weight Births (<2,500 Grams)	39	9.1
Very Low Weight Births (<1,500 Grams)	5	1.2
Prenatal Care Later than 1st Trimester/No Care	80	18.8
No Prenatal Care	*	*
Preterm Births (<37 Weeks)	42	9.9
Education of Mother <12 Years	75	17.6
Live Births to Unmarried Women	161	37.7
Smoking During Pregnancy	125	29.3

** 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, 2003

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	427	100.0	14	100.0	52	100.0	238	100.0	123	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	375	87.8	13	92.9	39	75.0	213	89.5	110	89.4
White Hispanic	45	10.5	*	*	11	21.2	22	9.2	11	8.9
Black	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	7	1.6	0	0.0	*	*	3	1.3	*	*
Low Weight Births (<2,500 Grams)	39	9.1	3	21.4	4	7.7	12	5.0	20	16.3
Very Low Weight Births (<1,500 Grams)	5	1.2	*	*	0	0.0	*	*	*	*
Prenatal Care Later than 1st Trimester/No Care	80	18.8	5	35.7	13	25.0	42	17.7	20	16.4
No Prenatal Care	*	*	*	*	0	0.0	0	0.0	*	*
Preterm Births (<37 Weeks)	42	9.9	3	21.4	3	5.8	19	8.0	17	13.9
Education of Mother <12 Years	75	17.6	14	100.0	15	28.8	39	16.4	7	5.7
Live Births to Unmarried Women	161	37.7	10	71.4	41	78.8	92	38.7	18	14.6
Smoking During Pregnancy	125	29.3	3	21.4	24	47.1	71	29.8	27	22.0

* 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, 2003

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	375	100.0	45	100.0	0	0.0	5	100.0	*	*
Age of Mother										
10-17	13	3.5	*	*	0	0.0	0	0.0	0	0.0
18-19	39	10.4	11	24.4	0	0.0	*	*	*	*
20-29	213	56.8	22	48.9	0	0.0	*	*	*	*
30+	110	29.3	11	24.4	0	0.0	*	*	0	0.0
Low Weight Births (<2,500 Grams)	36	9.6	*	*	0	0.0	*	*	0	0.0
Very Low Weight Births (<1,500 Grams)	4	1.1	*	*	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	61	16.3	18	40.9	0	0.0	*	*	0	0.0
No Prenatal Care	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	40	10.7	*	*	0	0.0	*	*	0	0.0
Education of Mother <12 Years	60	16.0	12	26.7	0	0.0	*	*	*	*
Live Births to Unmarried Women	132	35.2	27	60.0	0	0.0	*	*	*	*
Smoking During Pregnancy	116	31.0	8	17.8	0	0.0	*	*	0	0.0

* 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 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, 2003

Age Group	Births	Population	Fertility Rate
All Ages	427	7,745	55.1
Teen Age Groups			
13-14	*	581	*
15-17	13	920	14.1
18-19	52	579	89.8
10-17	14	2,334	6.0
10-19	66	2,913	22.7
All Age Groups			
10-14	*	1,414	*
15-19	65	1,499	43.4
20-24	133	1,056	125.9
25-29	105	957	109.7
30-34	81	1,212	66.8
35-39	32	1,353	23.7
40-49	10	3,222	3.1

** 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 definitions of data items.

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

Vital statistics summary: Fremont county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Total Population	36,507	45,142	46,437	47,207	47,430	47,553	46,754
Total Births							
Number	384	456	456	410	414	427	433
Birth Rate	10.5	10.1	9.8	8.7	8.7	9.0	9.3
General Fertility Rate	60.0	63.2	62.4	54.5	54.0	55.1	57.8
Age of Mother 10-17							
Number	39	25	23	23	22	14	21
Percent of Total Births	10.2	5.5	5.0	5.6	5.3	3.3	4.9
Fertility Rate	21.0	11.0	9.9	9.8	9.4	6.0	9.2
Low Weight Births (<2,500 Grams)							
Number	38	43	46	44	39	39	42
Percent	9.9	9.4	10.1	10.7	9.4	9.1	9.8
Prenatal Care Later Than 1st Trimester							
Number	80	73	78	76	64	80	74
Percent	21.0	16.0	17.1	18.6	15.5	18.8	17.2
Births to Unmarried Women							
Number	125	157	136	143	168	161	153
Percent	32.6	34.4	29.8	34.9	40.6	37.7	35.4
Mother's Education <12 Years							
Number	89	79	96	76	91	75	83
Percent	23.2	17.4	21.1	18.6	22.1	17.6	19.4
Infant Deaths							
Number	7	4	4	6	3	*	4
Rate	18.2	8.8	8.8	14.6	7.2	*	8.8
Neonatal Deaths							
Number	3	3	3	4	*	*	*
Rate	7.8	6.6	6.6	9.8	*	*	*
Total Deaths							
Number	413	491	462	475	505	487	484
Crude Rate	1,131.3	1,087.7	994.9	1,006.2	1,064.7	1,024.1	1,035.2
Age-Adjusted Rate	906.7	948.5	876.9	876.8	922.6	892.0	903.3
Cardiovascular Disease							
Number	159	191	169	171	178	168	175
Age-Adjusted Rate	340.1	359.9	312.5	307.3	320.1	303.6	320.7
Heart Disease							
Number	125	130	121	121	129	115	123
Age-Adjusted Rate	266.5	245.7	222.9	218.9	232.2	207.9	225.6

(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, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Cerebrovascular Disease							
Number	33	41	34	30	32	30	33
Age-Adjusted Rate	71.5	77.2	63.3	53.6	57.2	54.4	61.0
Malignant Neoplasms							
Number	77	105	93	96	101	108	101
Age-Adjusted Rate	168.6	204.1	175.8	177.4	185.2	197.9	187.8
Lung Cancer							
Number	14	26	26	29	24	31	27
Age-Adjusted Rate	30.6	50.5	50.1	53.4	43.7	56.4	50.8
Breast Cancer							
Number	4	9	6	4	6	6	6
Age-Adjusted Rate	10.4	17.5	11.4	7.5	10.9	11.1	11.7
Total Unintentional Injuries							
Number	23	22	25	28	26	16	23
Age-Adjusted Rate	55.1	45.4	49.2	54.8	47.8	31.4	45.7
Motor Vehicle							
Number	11	6	10	8	8	8	8
Age-Adjusted Rate	27.7	13.4	21.0	17.8	15.3	16.6	16.8
Other Unintentional Injuries							
Number	12	16	15	20	18	8	15
Age-Adjusted Rate	27.5	32.0	28.2	36.9	32.5	14.8	28.9
Chronic Lower Respiratory Diseases							
Number	28	38	30	34	31	48	36
Age-Adjusted Rate	56.9	72.0	57.0	62.5	56.1	87.8	67.0
Suicide							
Number	6	7	9	10	15	13	11
Age-Adjusted Rate	16.4	14.7	17.0	19.0	29.8	24.8	21.2
Homicide and Legal Intervention							
Number	0	6	4	4	3	0	3
Age-Adjusted Rate	0.0	12.0	9.9	8.3	5.7	0.0	7.1
Work-Related Injury							
Number	*	*	4	5	0	0	*
Age-Adjusted Rate	*	*	8.6	9.3	0.0	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, 2003

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	487	100.0	462	100.0	21	100.0	*	*	0	0.0	*	*
Cardiovascular Disease	168	34.5	161	34.8	6	28.6	*	*	0	0.0	0	0.0
Heart Disease	115	23.6	108	23.4	6	28.6	*	*	0	0.0	0	0.0
Cerebrovascular Disease	30	6.2	30	6.5	0	0.0	0	0.0	0	0.0	0	0.0
Atherosclerosis	12	2.5	12	2.6	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	108	22.2	107	23.2	*	*	0	0.0	0	0.0	0	0.0
Lung Cancer	31	6.4	31	6.7	0	0.0	0	0.0	0	0.0	0	0.0
Breast Cancer	6	1.2	6	1.3	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	48	9.9	46	10.0	*	*	0	0.0	0	0.0	0	0.0
Unintentional Injuries	16	3.3	12	2.6	3	14.3	0	0.0	0	0.0	*	*
Motor Vehicle	8	1.6	6	1.3	*	*	0	0.0	0	0.0	*	*
Other Unintentional Injuries	8	1.6	6	1.3	*	*	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	14	2.9	14	3.0	0	0.0	0	0.0	0	0.0	0	0.0
Suicide	13	2.7	12	2.6	*	*	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	8	1.6	7	1.5	*	*	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	6	1.3	3	14.3	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	15	3.1	15	3.2	0	0.0	0	0.0	0	0.0	0	0.0
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	0	0.0	0	0.0
Septicemia	5	1.0	5	1.1	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies	*	*	*	*	*	*	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	0	0.0
All Other	79	16.2	75	16.2	3	14.3	0	0.0	0	0.0	*	*
Injury by Firearm	4	0.8	4	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	8	1.6	7	1.5	*	*	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	7	1.4	7	1.5	0	0.0	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, 2003

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	487	47,553	10.2
Infant	*	427	*
Neonatal	*	427	*
1-4	0	1,795	0.0
5-9	0	2,535	0.0
10-14	*	2,875	*
15-19	*	3,039	*
20-24	*	2,630	*
25-29	4	3,126	1.3
30-34	*	3,809	*
35-39	4	3,905	1.0
40-44	10	4,454	2.2
45-49	14	3,880	3.6
50-54	17	3,337	5.1
55-59	28	2,730	10.3
60-64	34	2,118	16.1
65-69	33	1,887	17.5
70-74	52	1,760	29.5
75-79	62	1,356	45.7
80-84	66	1,007	65.5
85+	155	890	174.2
1-14	*	7,205	*
15-24	3	5,669	0.5
25-64	113	27,359	4.1
65+	368	6,900	53.3

* 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 by age group: Fremont county residents, 2003

Cause of Death	<1		1-14		15-25		25-44		45-64		65+	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Causes	*	*	*	*	3	0.5	20	1.3	93	7.7	368	53.3
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	34	2.8	134	19.4
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	26	2.2	89	12.9
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	4	0.3	26	3.8
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	10	1.4
Malignant Neoplasms	0	0.0	0	0.0	*	*	*	*	25	2.1	81	11.7
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	7	0.6	24	3.5
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	4	0.3	*	*
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	5	0.4	43	6.2
Unintentional Injuries	0	0.0	*	*	*	*	7	0.5	4	0.3	3	0.4
Motor Vehicle	0	0.0	*	*	*	*	4	0.3	*	*	0	0.0
Other Unintentional Injuries	0	0.0	0	0.0	0	0.0	3	0.2	*	*	3	0.4
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	0	0.0	*	*	12	1.7
Suicide	0	0.0	0	0.0	*	*	5	0.3	3	0.2	4	0.6
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	*	*	6	0.9
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	*	*	3	0.2	4	0.6
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	15	2.2
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	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	0	0.0	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	*	*	4	0.6
Congenital Anomalies	*	*	0	0.0	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	0	0.0
All Other	0	0.0	0	0.0	0	0.0	3	0.2	14	1.2	62	9.0
Injury by Firearm	0	0.0	0	0.0	0	0.0	*	*	0	0.0	*	*
Drug-Induced Deaths	0	0.0	0	0.0	*	*	*	*	4	0.3	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	*	*	*	*	3	0.4
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 from selected causes:
Fremont county residents, 2003**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	487	1,024.1	892.0	815.4	968.5
Cardiovascular Disease	168	353.3	303.6	258.5	348.6
Heart Disease	115	241.8	207.9	170.3	245.5
Cerebrovascular Disease	30	63.1	54.4	35.0	73.8
Atherosclerosis	12	25.2	21.6	9.4	33.9
Malignant Neoplasms	108	227.1	197.9	160.7	235.0
Lung Cancer	31	65.2	56.4	36.6	76.2
Breast Cancer	6	12.6	11.1	1.0	3.6
Chronic Lower Respiratory Diseases	48	100.9	87.8	63.0	112.6
Unintentional Injuries	16	33.6	31.4	15.9	46.9
Motor Vehicle	8	16.8	16.6	2.0	5.4
Other Unintentional Injuries	8	16.8	14.8	1.5	4.4
Pneumonia and Influenza	14	29.4	24.6	11.8	37.5
Suicide	13	27.3	24.8	11.3	38.4
Diabetes Mellitus	8	16.8	14.6	1.4	4.3
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	9	18.9	16.8	1.8	5.0
Alzheimer's Disease	15	31.5	27.0	13.4	40.6
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*
Homicide and Legal Intervention	0	0.0	0.0	0.0	0.0
Septicemia	5	10.5	9.3	0.8	3.1
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	0	0.0	0.0	0.0	0.0
All Other	79	166.1	143.7	112.2	175.2
Injury by Firearm	4	8.4	7.5	0.5	2.7
Drug-Induced Deaths	8	16.8	15.4	1.6	4.7
Alcohol-Induced Deaths	7	14.7	13.1	1.3	4.1
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.