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## Fremont County Births and Deaths 2000

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## Selected birth characteristics with 95% confidence limit: Fremont County residents, 2000

CHARACTERISTIC	NUMBER	PERCENT	LOWER LIMIT	UPPER LIMIT
Total Live Births	457	100.0	100.0	100.0
Age of Mother				
10-17	23	5.0	2.9	7.1
18-19	52	11.4	8.4	14.4
20-29	260	56.9	52.2	61.5
30+	122	26.7	22.5	30.9
Low Weight Births (<2,500 Grams)	46	10.1	7.2	12.9
Very Low Weight Births (<1,500 Grams)	7	1.5	0.3	2.8
Prenatal Care Later than 1st Trimester	78	17.1	13.5	20.6
No Prenatal Care	*	*	*	*
Preterm Births (<37 Weeks)	48	10.5	7.6	13.4
Education of Mother <12 Years	96	21.1	17.2	24.9
Births to Unmarried Women	136	29.8	25.5	34.1
Smoking During Pregnancy	59	12.9	9.7	16.1

\*Fewer than three 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 the technical notes of Colorado Vital Statistics Annual Report for definitions of data items and explanation of confidence limits. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

## Selected birth characteristics by age group of mother: Fremont County residents, 2000

CHARACTERISTIC	ALL AGES		10-17		18-19		20-29		30+	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	457	100.0	23	100.0	52	100.0	260	100.0	122	100.0
Race/Ethnicity of Mother										
White/Non-Hispanic	409	89.5	20	87.0	48	92.3	232	89.2	109	89.3
White/Hispanic	40	8.8	3	13.0	*	*	24	9.2	11	9.0
Black	*	*	*	*	*	*	*	*	*	*
Other	7	1.5	*	*	*	*	4	1.5	*	*
Low Weight Births (<2,500 Grams)	46	10.1	*	*	6	11.5	28	10.8	11	9.0
Very Low Weight Births (<1,500 Grams)	7	1.5	*	*	*	*	4	1.5	*	*
Prenatal Care Started after 1st Trimester	78	17.1	7	30.4	10	19.2	45	17.3	16	13.1
No Prenatal Care	*	*	*	*	*	*	*	*	*	*
Preterm Births (<37 Weeks)	48	10.5	*	*	8	15.4	26	10.0	13	10.7
Education of Mother <12 Years	96	21.1	21	91.3	23	44.2	41	15.8	11	9.0
Births to Unmarried Women	136	29.8	18	78.3	30	57.7	66	25.4	22	18.0
Smoking During Pregnancy	59	12.9	4	17.4	8	15.4	33	12.7	14	11.6

\*Fewer than three 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 the technical notes of Colorado Vital Statistics Annual Report for definition of data items and explanation of confidence limits. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

## Selected birth characteristics by race/ethnicity of mother: Fremont County residents, 2000

CHARACTERISTIC	WHITE/ NON-HISPANIC		WHITE /HISPANIC		BLACK		ASIAN		AMERICAN INDIAN	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	409	100.0	40	100.0	*	*	*	*	5	100.0
Age of Mother										
10-17	20	4.9	3	7.5	*	*	*	*	*	*
18-19	48	11.7	*	*	*	*	*	*	*	*
20-29	232	56.7	24	60.0	*	*	*	*	3	60.0
30+	109	26.7	11	27.5	*	*	*	*	*	*
Low Weight Births (<2,500 Grams)	44	10.8	*	*	*	*	*	*	*	*
Very Low Weight Births (<1,500 Grams)	7	1.7	*	*	*	*	*	*	*	*
Prenatal Care Later than 1st Trimester	66	16.1	10	25.0	*	*	*	*	*	*
No Prenatal Care	*	*	*	*	*	*	*	*	*	*
Preterm Births (<37 Weeks)	45	11.0	3	7.5	*	*	*	*	*	*
Education of Mother <12 Years	86	21.1	10	25.0	*	*	*	*	*	*
Live Births to Unmarried Women	118	28.9	13	32.5	*	*	*	*	3	60.0
Mother Smoking During Pregnancy	52	12.7	5	12.5	*	*	*	*	*	*

\*Fewer than three events in the category. Sums may not add to total due to cases with age or race/ethnicity of mother unknown or not presented. Percentages are of total births of each race/ethnicity group, excluding cases with specific characteristics unknown. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

## Live births and fertility rates with 95% confidence limits by age of mother: Fremont County residents, 2000

	BIRTHS	POPULATION	FERTILITY RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	457	7,296	62.6	57.0	68.3
TEENAGE GROUP					
13-14	*	598	*	*	*
15-17	22	864	25.5	14.4	36.5
18-19	52	401	129.7	95.5	163.8
10-17	23	2,327	9.9	5.6	14.1
10-19	75	2,728	27.5	21.2	33.8
ALL AGE GROUPS					
10-14	*	1,463	*	*	*
15-19	74	1,265	58.5	45.2	71.8
20-24	134	806	166.3	139.9	192.6
25-29	126	960	131.3	109.4	153.1
30-34	72	1,168	61.6	47.4	75.9
35-39	39	1,503	25.9	17.6	34.3
40-49	11	3,094	3.6	1.3	5.8

\*Fewer than three 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 aged 15-44. See the technical notes of Colorado Vital Statistics Annual Report for explanation of confidence limits. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

## Vital statistics summary: Fremont County residents, 1990, 1996-2000

	1990	1996	1997	1998	1999	2000	1996-2000 ANNUAL AVERAGE
TOTAL POPULATION	32,200	41,830	42,838	43,813	45,141	46,398	44,004
Total Births							
Number	312	451	410	438	457	457	443
Birth Rate	9.7	10.8	9.6	10.0	10.1	9.8	10.1
General Fertility Rate	52.9	64.3	58.0	61.5	63.3	62.6	62.0
Age of Mother 10-17							
Number	18	36	27	30	25	23	28
Percent of Total Births	5.8	8.0	6.6	6.8	5.5	5.0	6.4
Fertility Rate	10.9	17.0	12.5	13.6	11.0	9.9	12.7
Low Weight Births (<2,500 Grams)							
Number	25	48	44	41	43	46	44
Percent	8.0	10.6	10.7	9.4	9.4	10.1	10.0
Prenatal Care Later Than 1st Trimester							
Number	71	86	68	72	73	78	75
Percent	23.1	19.2	16.6	16.4	16.0	17.1	17.1
Births to Unmarried Women							
Number	89	143	147	156	157	136	148
Percent	28.5	31.7	35.9	35.6	34.4	29.8	33.4
Mother's Education <12 Years							
Number	76	79	75	92	80	96	84
Percent	24.4	17.6	18.5	21.1	17.6	21.1	19.2
Infant Deaths							
Number	4	4	*	*	4	4	3
Rate	12.8	8.9	*	*	8.8	8.8	7.2
Neonatal Deaths							
Number	*	*	*	*	3	3	*
Rate	*	*	*	*	6.6	6.6	*
Total Deaths							
Number	429	486	459	458	489	462	471
Crude Rate	1,332.3	1,161.8	1,071.5	1,045.4	1,083.3	995.7	1,069.9
Age-Adjusted Rate	999.9	953.4	894.1	887.1	944.6	877.7	911.6
Cardiovascular Disease							
Number	179	183	173	169	190	169	177
Age-Adjusted Rate	405.8	354.3	330.9	322.8	358.2	312.8	335.4
Heart Disease							
Number	153	149	139	127	129	121	133
Age-Adjusted Rate	348.6	288.7	267.0	243.7	243.9	223.1	252.9
Cerebrovascular Disease							
Number	24	34	38	42	41	34	38
Age-Adjusted Rate	52.9	65.7	71.6	79.2	77.3	63.3	71.4
Malignant Neoplasms							
Number	75	102	90	75	105	93	93
Age-Adjusted Rate	172.6	199.8	175.6	145.2	204.1	176.0	180.1
Lung Cancer							
Number	21	29	23	15	26	26	24
Age-Adjusted Rate	51.8	56.0	44.9	29.0	50.5	50.1	46.1
Breast Cancer							
Number	5	4	4	7	9	6	6
Age-Adjusted Rate	10.7	8.7	7.4	14.2	17.5	11.4	11.8
Total Unintentional Injuries							
Number	21	22	21	26	22	25	23
Age-Adjusted Rate	50.9	45.4	43.5	54.4	45.4	49.3	47.7
Motor Vehicle							
Number	8	4	10	10	6	10	8
Age-Adjusted Rate	20.4	8.6	20.2	21.7	13.4	21.0	17.2
Other Unintentional Injuries							
Number	13	18	11	16	16	15	15
Age-Adjusted Rate	30.4	36.8	23.3	32.7	32.0	28.3	30.6
Chronic Lower Respiratory Diseases							
Number	33	27	39	37	38	30	34
Age-Adjusted Rate	72.3	50.7	75.0	71.3	72.1	57.0	65.3
Suicide							
Number	6	11	8	3	7	9	8
Age-Adjusted Rate	15.9	25.1	18.3	6.2	14.7	17.0	16.1
Homicide and Legal Intervention							
Number	*	*	*	*	6	4	*
Age-Adjusted Rate	*	*	*	*	12.0	9.9	*
Work-Related Injury							
Number	*	*	*	*	*	4	*
Age-Adjusted Rate	*	*	*	*	*	9	*

\*Fewer than three events in the category. Birth rates are per 1,000 total population. General fertility rates are births per 1,000 females aged 15-44. Fertility rates for mothers age 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. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

## Deaths from selected causes by race/ethnicity: Fremont County residents, 2000

CAUSE OF DEATH (ICD-10)	ALL RACES		WHITE/ NON-HISPANIC		WHITE /HISPANIC		BLACK		ASIAN		AMERICAN INDIAN	
	N	%	N	%	N	%	N	%	N	%	N	%
	TOTAL	462	100.0	430	100.0	21	100.0	6	100.0	*	*	5
Cardiovascular Disease	169	36.6	158	36.7	6	28.6	4	66.7	*	*	*	*
Heart Disease	121	26.2	113	26.3	3	14.3	4	66.7	*	*	*	*
Cerebrovascular Disease	34	7.4	31	7.2	3	14.3	*	*	*	*	*	*
Atherosclerosis	7	1.5	7	1.6	*	*	*	*	*	*	*	*
Malignant Neoplasms	93	20.1	88	20.5	4	19.0	*	*	*	*	*	*
Lung Cancer	26	5.6	24	5.6	*	*	*	*	*	*	*	*
Breast Cancer	6	1.3	6	1.4	*	*	*	*	*	*	*	*
Chronic Lower Respiratory Disease	30	6.5	30	7.0	*	*	*	*	*	*	*	*
Unintentional Injuries	25	5.4	22	5.1	3	14.3	*	*	*	*	*	*
Motor Vehicle	10	2.2	10	2.3	*	*	*	*	*	*	*	*
Other Unintentional Injuries	15	3.2	12	2.8	3	14.3	*	*	*	*	*	*
Pneumonia and Influenza	5	1.1	5	1.2	*	*	*	*	*	*	*	*
Suicide	9	1.9	8	1.9	*	*	*	*	*	*	*	*
Diabetes Mellitus	11	2.4	8	1.9	3	14.3	*	*	*	*	*	*
HIV Infection	*	*	*	*	*	*	*	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	9	1.9	7	1.6	*	*	*	*	*	*	*	*
Alzheimer's Disease	6	1.3	6	1.4	*	*	*	*	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	6	1.3	6	1.4	*	*	*	*	*	*	*	*
Homicide and Legal Intervention	4	0.9	*	*	*	*	*	*	*	*	*	*
Septicemia	*	*	*	*	*	*	*	*	*	*	*	*
Congenital Anomalies	*	*	*	*	*	*	*	*	*	*	*	*
Perinatal Period Conditions	3	0.6	3	0.7	*	*	*	*	*	*	*	*
All Other	90	19.5	85	19.8	3	14.3	*	*	*	*	*	*
Injury by Firearm	8	1.7	7	1.6	*	*	*	*	*	*	*	*
Drug-Induced Deaths	3	0.6	*	*	*	*	*	*	*	*	*	*
Alcohol-Induced Deaths	8	1.7	8	1.9	*	*	*	*	*	*	*	*
Work-Related Injury	4	0.9	4	0.9	*	*	*	*	*	*	*	*

\*Fewer than three events in the category. Percentages are of total deaths of each race/ethnicity category. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

## Deaths and crude death rates with 95% confidence limits by age group: Fremont County residents, 2000

AGE GROUP	DEATHS	POPULATION	AGE-SPECIFIC DEATH RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	462	46,398	10.0	9.0	10.9
INFANT	4	457	8.8	0.0	18.4
NEONATAL	3	457	6.6	0.0	15.1
1-4	*	1,783	*	*	*
5-9	*	2,604	*	*	*
10-14	*	2,957	*	*	*
15-19	*	2,654	*	*	*
20-24	10	2,539	3.9	1.3	6.6
25-29	*	3,359	*	*	*
30-34	*	3,649	*	*	*
35-39	7	4,294	1.6	0.3	3.0
40-44	9	4,227	2.1	0.6	3.6
45-49	11	3,666	3.0	1.1	4.9
50-54	15	3,101	4.8	2.2	7.4
55-59	14	2,405	5.8	2.6	9.1
60-64	21	1,986	10.6	5.8	15.3
65-69	40	1,884	21.2	14.5	28.0
70-74	63	1,683	37.4	28.1	46.8
75-79	57	1,337	42.6	31.4	53.8
80-84	65	919	70.7	53.6	87.8
85+	142	895	158.7	134.2	183.2
1-14	*	7,344	*	*	*
15-24	10	5,193	1.9	0.6	3.2
25-64	81	26,687	3.0	2.4	3.7
65+	367	6,718	54.6	49.1	60.1

\*Fewer than three 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. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

## Deaths and crude death rates from selected causes by age group: Fremont County residents, 2000

CAUSE OF DEATH (ICD-10)	<1		1-14		15-24		25-44		45-64		65+	
	N	RATE	N	RATE	N	RATE	N	RATE	N	RATE	N	RATE
TOTAL	4	8.8	*	*	10	1.9	20	1.3	61	5.5	367	54.6
Cardiovascular Disease	*	*	*	*	*	*	3	0.2	12	1.1	154	22.9
Heart Disease	*	*	*	*	*	*	3	0.2	10	0.9	108	16.1
Cerebrovascular Disease	*	*	*	*	*	*	*	*	*	*	32	4.8
Atherosclerosis	*	*	*	*	*	*	*	*	*	*	7	1.0
Malignant Neoplasms	*	*	*	*	*	*	*	*	18	1.6	75	11.2
Lung Cancer	*	*	*	*	*	*	*	*	8	0.7	18	2.7
Breast Cancer	*	*	*	*	*	*	*	*	*	*	5	0.7
Chronic Lower Respiratory Diseases	*	*	*	*	*	*	*	*	*	*	28	4.2
Unintentional Injuries	*	*	*	*	*	*	5	0.3	8	0.7	10	1.5
Motor Vehicle	*	*	*	*	*	*	3	0.2	4	0.4	*	*
Other Unintentional Injuries	*	*	*	*	*	*	*	*	4	0.4	9	1.3
Pneumonia and Influenza	*	*	*	*	*	*	*	*	*	*	5	0.7
Suicide	*	*	*	*	*	*	3	0.2	*	*	4	0.6
Diabetes Mellitus	*	*	*	*	*	*	*	*	*	*	9	1.3
HIV Infection	*	*	*	*	*	*	*	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	*	*	*	*	*	*	*	*	5	0.4	3	0.4
Alzheimer's Disease	*	*	*	*	*	*	*	*	*	*	6	0.9
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*	*	*	*	*	*	6	0.9
Homicide and Legal Intervention	*	*	*	*	3	0.6	*	*	*	*	*	*
Septicemia	*	*	*	*	*	*	*	*	*	*	*	*
Congenital Anomalies	*	*	*	*	*	*	*	*	*	*	*	*
Perinatal Period Conditions	3	6.6	*	*	*	*	*	*	*	*	*	*
All Other	*	*	*	*	5	1.0	5	0.3	13	1.2	67	10.0
Injury by Firearm	*	*	*	*	*	*	*	*	*	*	3	0.4
Drug-Induced Deaths	*	*	*	*	*	*	*	*	*	*	*	*
Alcohol-Induced Deaths	*	*	*	*	*	*	3	0.2	3	0.3	*	*
Work-Related Injury	*	*	*	*	*	*	*	*	3	0.3	*	*

\*Fewer than three events in the category. Crude death rates are calculated without age adjustment. Infant (<1 year) mortality rates are per 1,000 live births. Other rates are deaths per 1,000 population of the age group. Prepared by 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, 2000**

CAUSE OF DEATH (ICD-10)	DEATHS	CRUDE RATE	AGE-ADJUSTED DEATH RATE		
			RATE	LOWER LIMIT	UPPER LIMIT
TOTAL	462	995.7	877.7	799.8	955.5
Cardiovascular Disease	169	364.2	312.8	266.5	359.2
Heart Disease	121	260.8	223.1	183.9	262.4
Cerebrovascular Disease	34	73.3	63.3	42.1	84.6
Atherosclerosis	7	15.1	12.9	3.3	22.4
Malignant Neoplasms	93	200.4	176.0	140.3	211.6
Lung Cancer	26	56.0	50.1	30.8	69.4
Breast Cancer	6	12.9	11.4	2.3	20.5
Chronic Lower Respiratory Diseases	30	64.7	57.0	36.6	77.4
Unintentional Injuries	25	53.9	49.3	29.8	68.7
Motor Vehicle	10	21.6	21.0	7.9	34.2
Other Unintentional Injuries	15	32.3	28.3	13.9	42.6
Pneumonia and Influenza	5	10.8	9.4	1.2	17.7
Suicide	9	19.4	17.0	5.9	28.2
Diabetes Mellitus	11	23.7	20.9	8.5	33.2
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	9	19.4	17.7	6.1	29.2
Alzheimer's Disease	6	12.9	11.2	2.2	20.1
Nephritis, Nephrosis, Nephrotic Syndrome	6	12.9	11.4	2.3	20.5
Homicide and Legal Intervention	4	8.6	9.9	0.1	19.8
Septicemia	*	*	*	*	*
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	3	6.5	9.1	0.0	19.3
All Other	90	194.0	171.1	135.8	206.4
Injury by Firearm	8	17.2	16.1	4.8	27.3
Drug-Induced Deaths	3	6.5	5.8	0.0	12.4
Alcohol-Induced Deaths	8	17.2	15.7	4.8	26.6
Work-Related Injury	4	8.6	8.6	0.1	17.2

\*Fewer than three 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. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.