

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

Jefferson County Births and Deaths 2003

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Selected birth characteristics: Jefferson county residents, 2003

Characteristic	Number	Percent
Total Live Births	6,520	100.0
Age of Mother		
10-17	150	2.3
18-19	307	4.7
20-29	2,884	44.2
30+	3,177	48.7
Low Weight Births (<2,500 Grams)	554	8.5
Very Low Weight Births (<1,500 Grams)	77	1.2
Prenatal Care Later than 1st Trimester/No Care	766	12.0
No Prenatal Care	34	0.5
Preterm Births (<37 Weeks)	595	9.1
Education of Mother <12 Years	927	14.2
Live Births to Unmarried Women	1,392	21.3
Smoking During Pregnancy	445	6.8

* 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 age group of mother: Jefferson 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	6,520	100.0	150	100.0	307	100.0	2,884	100.0	3,177	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	4,934	75.7	78	52.0	163	53.3	2,012	69.8	2,680	84.4
White Hispanic	1,200	18.4	61	40.7	112	36.6	712	24.7	315	9.9
Black	76	1.2	*	*	10	3.3	38	1.3	26	0.8
Other	309	4.7	9	6.0	21	6.9	122	4.2	156	4.9
Low Weight Births (<2,500 Grams)	554	8.5	14	9.3	30	9.8	217	7.5	293	9.2
Very Low Weight Births (<1,500 Grams)	77	1.2	3	2.0	3	1.0	24	0.8	47	1.5
Prenatal Care Later than 1st Trimester/No Care	766	12.0	54	36.0	75	24.7	416	14.7	221	7.1
No Prenatal Care	34	0.5	*	*	3	1.0	22	0.8	8	0.3
Preterm Births (<37 Weeks)	595	9.1	12	8.0	24	7.8	226	7.8	333	10.5
Education of Mother <12 Years	927	14.2	127	84.7	144	46.9	515	17.9	141	4.4
Live Births to Unmarried Women	1,392	21.3	132	88.0	200	65.1	815	28.3	244	7.7
Smoking During Pregnancy	445	6.8	17	11.3	43	14.1	259	9.0	126	4.0

* 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: Jefferson 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	4,934	100.0	1,200	100.0	76	100.0	264	100.0	45	100.0
Age of Mother										
10-17	78	1.6	61	5.1	*	*	6	2.3	3	6.7
18-19	163	3.3	112	9.3	10	13.2	13	4.9	8	17.8
20-29	2,012	40.8	712	59.3	38	50.0	103	39.0	19	42.2
30+	2,680	54.3	315	26.3	26	34.2	141	53.4	15	33.3
Low Weight Births (<2,500 Grams)	399	8.1	104	8.7	10	13.2	31	11.7	10	22.2
Very Low Weight Births (<1,500 Grams)	49	1.0	22	1.8	*	*	3	1.1	*	*
Prenatal Care Later than 1st Trimester/No Care	449	9.3	248	21.1	18	24.3	36	14.0	15	33.3
No Prenatal Care	21	0.4	7	0.6	*	*	*	*	*	*
Preterm Births (<37 Weeks)	442	9.0	108	9.0	5	6.6	29	11.0	11	24.4
Education of Mother <12 Years	390	7.9	465	38.8	20	26.3	35	13.3	17	37.8
Live Births to Unmarried Women	802	16.3	472	39.3	42	55.3	53	20.1	23	51.1
Smoking During Pregnancy	347	7.1	64	5.3	15	19.7	11	4.2	8	18.2

** 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: Jefferson county residents, 2003

Age Group	Births	Population	Fertility Rate
All Ages	6,520	110,917	58.8
Teen Age Groups			
13-14	5	7,391	0.7
15-17	145	11,438	12.7
18-19	307	7,760	39.6
10-17	150	29,680	5.1
10-19	457	37,440	12.2
All Age Groups			
10-14	5	18,242	0.3
15-19	452	19,198	23.5
20-24	1,305	15,252	85.6
25-29	1,579	14,580	108.3
30-34	1,896	17,396	109.0
35-39	1,035	20,070	51.6
40-49	245	48,381	5.1

** 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: Jefferson county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Total Population	476,207	520,813	528,043	531,227	530,821	529,479	528,077
Total Births							
Number	6,570	6,533	6,631	6,572	6,541	6,520	6,559
Birth Rate	13.8	12.5	12.6	12.4	12.3	12.3	12.4
General Fertility Rate	57.3	56.4	57.3	57.4	58.2	58.8	57.6
Age of Mother 10-17							
Number	182	168	199	142	145	150	161
Percent of Total Births	2.8	2.6	3.0	2.2	2.2	2.3	2.5
Fertility Rate	6.9	5.6	6.5	4.7	4.8	5.1	5.3
Low Weight Births (<2,500 Grams)							
Number	550	521	555	547	542	554	544
Percent	8.4	8.0	8.4	8.3	8.3	8.5	8.3
Prenatal Care Later Than 1st Trimester							
Number	678	553	602	664	745	766	666
Percent	10.5	8.5	9.2	10.3	11.6	12.0	10.3
Births to Unmarried Women							
Number	1,088	1,164	1,163	1,231	1,342	1,392	1,258
Percent	16.6	17.8	17.5	18.7	20.5	21.3	19.2
Mother's Education <12 Years							
Number	575	715	770	807	853	927	814
Percent	9.1	11.0	11.7	12.4	13.1	14.3	12.5
Infant Deaths							
Number	45	30	42	49	23	31	35
Rate	6.8	4.6	6.3	7.5	3.5	4.8	5.3
Neonatal Deaths							
Number	26	17	29	40	15	17	24
Rate	4.0	2.6	4.4	6.1	2.3	2.6	3.6
Total Deaths							
Number	2,641	3,114	3,129	3,279	3,409	3,434	3,273
Crude Rate	554.6	597.9	592.6	617.2	642.2	648.6	619.8
Age-Adjusted Rate	806.9	770.1	745.8	745.6	757.8	767.9	757.1
Cardiovascular Disease							
Number	817	1,096	1,110	1,132	1,205	1,178	1,144
Age-Adjusted Rate	267.9	285.7	275.8	269.3	278.7	276.6	277.0
Heart Disease							
Number	657	715	704	709	793	820	748
Age-Adjusted Rate	213.3	183.5	172.1	164.6	179.7	189.4	177.8

(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: Jefferson county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Cerebrovascular Disease							
Number	150	197	199	205	196	165	192
Age-Adjusted Rate	50.9	51.8	49.9	50.1	46.5	39.0	47.4
Malignant Neoplasms							
Number	646	713	673	734	767	800	737
Age-Adjusted Rate	184.4	167.6	154.4	159.8	161.8	168.2	162.3
Lung Cancer							
Number	153	161	163	159	175	193	170
Age-Adjusted Rate	42.8	38.9	37.7	34.3	36.8	40.5	37.6
Breast Cancer							
Number	58	57	45	59	56	72	58
Age-Adjusted Rate	15.7	12.7	9.9	12.4	11.4	14.3	12.2
Total Unintentional Injuries							
Number	113	126	162	151	162	159	152
Age-Adjusted Rate	26.9	26.7	33.5	31.3	32.4	32.2	31.3
Motor Vehicle							
Number	61	49	61	56	69	56	58
Age-Adjusted Rate	13.5	9.8	11.6	11.0	13.0	10.7	11.2
Other Unintentional Injuries							
Number	52	77	101	95	93	103	94
Age-Adjusted Rate	13.4	17.0	21.9	20.3	19.4	21.5	20.0
Chronic Lower Respiratory Diseases							
Number	148	222	224	233	212	215	221
Age-Adjusted Rate	47.5	55.9	55.6	54.2	48.0	49.3	52.4
Suicide							
Number	73	89	63	89	78	93	82
Age-Adjusted Rate	15.6	17.3	12.0	16.4	14.4	16.7	15.3
Homicide and Legal Intervention							
Number	11	22	10	11	13	16	14
Age-Adjusted Rate	2.4	4.3	2.0	2.1	2.5	3.1	2.7
Work-Related Injury							
Number	5	*	10	7	3	5	5
Age-Adjusted Rate	1.1	*	1.7	1.3	0.5	0.8	0.9

* 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: Jefferson county residents, 2003

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	3,434	100.0	3,203	100.0	158	100.0	26	100.0	27	100.0	18	100.0
Cardiovascular Disease	1,178	34.3	1,113	34.7	49	31.0	5	19.2	8	29.6	3	16.7
Heart Disease	820	23.9	770	24.0	37	23.4	5	19.2	5	18.5	3	16.7
Cerebrovascular Disease	165	4.8	160	5.0	3	1.9	0	0.0	*	*	0	0.0
Atherosclerosis	150	4.4	141	4.4	8	5.1	0	0.0	*	*	0	0.0
Malignant Neoplasms	800	23.3	747	23.3	34	21.5	7	26.9	7	25.9	5	27.8
Lung Cancer	193	5.6	181	5.7	9	5.7	*	*	*	*	0	0.0
Breast Cancer	72	2.1	69	2.2	*	*	0	0.0	0	0.0	*	*
Chronic Lower Respiratory Disease	215	6.3	206	6.4	7	4.4	0	0.0	*	*	*	*
Unintentional Injuries	159	4.6	143	4.5	10	6.3	*	*	*	*	3	16.7
Motor Vehicle	56	1.6	48	1.5	4	2.5	*	*	0	0.0	*	*
Other Unintentional Injuries	103	3.0	95	3.0	6	3.8	0	0.0	*	*	*	*
Pneumonia and Influenza	104	3.0	100	3.1	*	*	0	0.0	*	*	0	0.0
Suicide	93	2.7	90	2.8	*	*	0	0.0	0	0.0	*	*
Diabetes Mellitus	62	1.8	55	1.7	5	3.2	*	*	*	*	0	0.0
HIV Infection	5	0.1	5	0.2	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	48	1.4	42	1.3	5	3.2	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	80	2.3	80	2.5	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	59	1.7	52	1.6	*	*	*	*	*	*	*	*
Homicide and Legal Intervention	16	0.5	9	0.3	3	1.9	4	15.4	0	0.0	0	0.0
Septicemia	34	1.0	29	0.9	3	1.9	0	0.0	*	*	0	0.0
Congenital Anomalies	11	0.3	9	0.3	*	*	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	11	0.3	7	0.2	*	*	*	*	0	0.0	0	0.0
All Other	559	16.3	516	16.1	32	20.3	3	11.5	4	14.8	4	22.2
Injury by Firearm	58	1.7	51	1.6	4	2.5	*	*	0	0.0	*	*
Drug-Induced Deaths	53	1.5	48	1.5	5	3.2	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	63	1.8	57	1.8	5	3.2	0	0.0	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	5	0.1	5	0.2	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: Jefferson county residents, 2003

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	3,434	529,479	6.5
Infant	31	6,520	4.8
Neonatal	17	6,520	2.6
1-4	*	25,864	*
5-9	4	33,627	0.1
10-14	9	37,619	0.2
15-19	22	40,204	0.5
20-24	27	32,418	0.8
25-29	30	30,087	1.0
30-34	37	35,463	1.0
35-39	55	39,476	1.4
40-44	102	48,188	2.1
45-49	112	47,479	2.4
50-54	147	42,227	3.5
55-59	180	33,059	5.4
60-64	193	22,551	8.6
65-69	230	16,709	13.8
70-74	311	13,894	22.4
75-79	481	10,779	44.6
80-84	492	7,525	65.4
85+	969	5,934	163.3
1-14	15	97,109	0.2
15-24	49	72,622	0.7
25-64	856	298,530	2.9
65+	2,483	54,841	45.3

* 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: Jefferson 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	31	4.8	15	0.2	49	0.7	224	1.5	632	4.3	2,483	45.3
Cardiovascular Disease	*	*	0	0.0	4	0.1	31	0.2	141	1.0	1,000	18.2
Heart Disease	*	*	0	0.0	4	0.1	26	0.2	115	0.8	673	12.3
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	5	0.0	19	0.1	141	2.6
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	149	2.7
Malignant Neoplasms	*	*	3	0.0	*	*	39	0.3	232	1.6	524	9.6
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	56	0.4	136	2.5
Breast Cancer	0	0.0	0	0.0	0	0.0	8	0.1	28	0.2	36	0.7
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	5	0.0	32	0.2	178	3.2
Unintentional Injuries	*	*	*	*	22	0.3	41	0.3	37	0.3	56	1.0
Motor Vehicle	0	0.0	*	*	18	0.2	19	0.1	11	0.1	7	0.1
Other Unintentional Injuries	*	*	*	*	4	0.1	22	0.1	26	0.2	49	0.9
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	0	0.0	10	0.1	94	1.7
Suicide	0	0.0	0	0.0	12	0.2	37	0.2	37	0.3	7	0.1
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	3	0.0	13	0.1	46	0.8
HIV Infection	0	0.0	0	0.0	0	0.0	*	*	3	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	10	0.1	25	0.2	13	0.2
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	78	1.4
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	5	0.0	54	1.0
Homicide and Legal Intervention	*	*	*	*	5	0.1	7	0.0	*	*	0	0.0
Septicemia	*	*	*	*	0	0.0	*	*	5	0.0	24	0.4
Congenital Anomalies	5	0.8	0	0.0	*	*	*	*	3	0.0	*	*
Perinatal Period Conditions	11	1.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	9	1.4	6	0.1	4	0.1	46	0.3	86	0.6	408	7.4
Injury by Firearm	0	0.0	*	*	11	0.2	20	0.1	22	0.2	4	0.1
Drug-Induced Deaths	0	0.0	0	0.0	0	0.0	29	0.2	21	0.1	3	0.1
Alcohol-Induced Deaths	0	0.0	*	*	0	0.0	20	0.1	36	0.2	6	0.1
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	*	*	3	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:
Jefferson county residents, 2003**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	3,434	648.6	767.9	743.0	792.9
Cardiovascular Disease	1,178	222.5	276.6	261.0	292.2
Heart Disease	820	154.9	189.4	176.5	202.4
Cerebrovascular Disease	165	31.2	39.0	33.0	45.0
Atherosclerosis	150	28.3	38.1	32.1	44.2
Malignant Neoplasms	800	151.1	168.2	156.4	180.0
Lung Cancer	193	36.5	40.5	34.7	46.3
Breast Cancer	72	13.6	14.3	11.0	17.7
Chronic Lower Respiratory Diseases	215	40.6	49.3	42.6	55.9
Unintentional Injuries	159	30.0	32.2	27.1	37.2
Motor Vehicle	56	10.6	10.7	7.9	13.5
Other Unintentional Injuries	101	19.1	21.1	16.9	25.3
Pneumonia and Influenza	104	19.6	25.0	20.2	29.9
Suicide	93	17.6	16.7	13.3	20.1
Diabetes Mellitus	62	11.7	13.7	10.2	17.1
HIV Infection	5	0.9	0.8	0.0	0.1
Chronic Liver Disease and Cirrhosis	48	9.1	8.6	6.1	11.1
Alzheimer's Disease	80	15.1	20.3	15.8	24.7
Nephritis, Nephrosis, Nephrotic Syndrome	59	11.1	14.1	10.5	17.7
Homicide and Legal Intervention	16	3.0	3.1	1.6	4.6
Septicemia	34	6.4	7.5	5.0	10.1
Congenital Anomalies	11	2.1	2.2	0.0	0.1
Perinatal Period Conditions	11	2.1	2.4	0.0	0.1
All Other	559	105.6	127.3	116.7	137.9
Injury by Firearm	58	11.0	10.5	7.8	13.2
Drug-Induced Deaths	53	10.0	9.4	6.9	12.0
Alcohol-Induced Deaths	63	11.9	10.8	8.1	13.5
Work-Related Injury (Y/N Check Death Certificate)	5	0.9	0.8	0.0	0.1

** 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.