

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 2002

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

Selected birth characteristics: Jefferson county residents, 2002

Characteristic	Number	Percent
Total Live Births	6,520	100.0
Age of Mother		
10-17	131	2.0
18-19	332	5.1
20-29	2,989	45.8
30+	3,066	47.0
Low Weight Births (<2,500 Grams)	539	8.3
Very Low Weight Births (<1,500 Grams)	63	1.0
Prenatal Care Later than 1st Trimester/No Care	739	11.3
No Prenatal Care	27	0.4
Preterm Births (<37 Weeks)	577	8.8
Education of Mother <12 Years	839	12.9
Live Births to Unmarried Women	1,332	20.4
Smoking During Pregnancy	496	7.6

* 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, 2002

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	131	100.0	332	100.0	2,989	100.0	3,066	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	5,045	77.4	67	51.1	202	60.8	2,145	71.8	2,629	85.8
White Hispanic	1,121	17.2	53	40.5	116	34.9	662	22.1	290	9.5
Black	71	1.1	3	2.3	5	1.5	41	1.4	22	0.7
Other	282	4.3	8	6.1	9	2.7	141	4.7	124	4.0
Low Weight Births (<2,500 Grams)	539	8.3	21	16.0	27	8.1	212	7.1	278	9.1
Very Low Weight Births (<1,500 Grams)	63	1.0	0	0.0	3	0.9	22	0.7	38	1.2
Prenatal Care Later than 1st Trimester/No Care	739	11.5	51	40.8	89	27.4	401	13.6	198	6.6
No Prenatal Care	27	0.4	4	3.2	*	*	11	0.4	10	0.3
Preterm Births (<37 Weeks)	577	8.9	21	16.0	23	6.9	236	7.9	296	9.7
Education of Mother <12 Years	839	12.9	121	92.4	149	44.9	456	15.3	113	3.7
Live Births to Unmarried Women	1,332	20.4	118	90.1	238	71.7	757	25.3	219	7.1
Smoking During Pregnancy	496	7.6	18	13.7	49	14.8	302	10.1	127	4.1

* 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, 2002

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	5,045	100.0	1,121	100.0	71	100.0	217	100.0	65	100.0
Age of Mother										
10-17	67	1.3	53	4.7	3	4.2	5	2.3	3	4.6
18-19	202	4.0	116	10.3	5	7.0	6	2.8	3	4.6
20-29	2,145	42.5	662	59.1	41	57.7	102	47.0	39	60.0
30+	2,629	52.1	290	25.9	22	31.0	104	47.9	20	30.8
Low Weight Births (<2,500 Grams)	397	7.9	102	9.1	5	7.0	28	12.9	7	10.8
Very Low Weight Births (<1,500 Grams)	49	1.0	9	0.8	0	0.0	4	1.8	*	*
Prenatal Care Later than 1st Trimester/No Care	430	8.6	242	21.9	20	29.0	30	14.2	16	25.4
No Prenatal Care	21	0.4	5	0.5	0	0.0	0	0.0	*	*
Preterm Births (<37 Weeks)	444	8.8	104	9.3	4	5.6	19	8.8	6	9.2
Education of Mother <12 Years	367	7.3	413	36.8	12	16.9	32	14.7	15	23.1
Live Births to Unmarried Women	795	15.8	459	40.9	26	36.6	24	11.1	27	41.5
Smoking During Pregnancy	396	7.9	69	6.2	9	12.7	9	4.1	13	20.0

* 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: Jefferson county residents, 2002

Age Group	Births	Population	Fertility Rate
All Ages	6,520	113,584	57.4
Teen Age Groups			
13-14	*	7,566	*
15-17	129	11,624	11.1
18-19	332	7,570	43.9
10-17	131	30,380	4.3
10-19	463	37,950	12.2
All Age Groups			
10-14	*	18,756	*
15-19	461	19,194	24.0
20-24	1,292	14,564	88.7
25-29	1,697	15,140	112.1
30-34	1,842	18,114	101.7
35-39	964	21,565	44.7
40-49	258	49,054	5.3

* 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: Jefferson county residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Total Population	463,539	512,483	520,813	527,878	531,152	531,679	524,801
Total Births							
Number	6,520	6,382	6,597	6,703	6,657	6,520	6,572
Birth Rate	14.1	12.5	12.7	12.7	12.5	12.3	12.5
General Fertility Rate	57.7	55.2	57.0	57.9	57.9	57.4	57.1
Age of Mother 10-17							
Number	175	176	168	193	145	131	163
Percent of Total Births	2.7	2.8	2.5	2.9	2.2	2.0	2.5
Fertility Rate	6.8	6.0	5.6	6.3	4.7	4.3	5.4
Low Weight Births (<2,500 Grams)							
Number	502	526	517	563	561	539	541
Percent	7.7	8.2	7.8	8.4	8.4	8.3	8.2
Prenatal Care Later Than 1st Trimester							
Number	733	593	553	619	674	739	636
Percent	11.4	9.3	8.4	9.4	10.3	11.5	9.8
Births to Unmarried Women							
Number	967	1,168	1,169	1,176	1,225	1,332	1,214
Percent	14.8	18.3	17.7	17.5	18.4	20.4	18.5
Mother's Education <12 Years							
Number	581	716	730	782	821	839	778
Percent	9.3	11.3	11.2	11.8	12.5	13.0	11.9
Infant Deaths							
Number	41	30	30	43	48	23	35
Rate	6.3	4.7	4.5	6.4	7.2	3.5	5.3
Neonatal Deaths							
Number	26	17	17	30	39	15	24
Rate	4.0	2.7	2.6	4.5	5.9	2.3	3.6
Total Deaths							
Number	2,479	3,094	3,124	3,123	3,278	3,376	3,199
Crude Rate	534.8	603.7	599.8	591.6	617.1	635.0	609.6
Age-Adjusted Rate	796.2	795.7	773.1	744.7	775.8	794.4	776.4
Cardiovascular Disease							
Number	799	942	1,104	1,106	1,134	1,196	1,096
Age-Adjusted Rate	276.5	253.0	287.9	274.6	282.3	294.6	278.8
Heart Disease							
Number	659	748	714	701	706	788	731
Age-Adjusted Rate	225.1	200.4	183.2	171.3	170.9	189.4	182.8
Cerebrovascular Disease							
Number	132	182	203	200	208	192	197

(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, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Age-Adjusted Rate	48.3	49.3	53.5	49.9	53.5	48.7	51.0
Malignant Neoplasms							
Number	593	715	715	664	731	757	716
Age-Adjusted Rate	178.9	174.3	168.2	152.5	165.5	168.3	165.6
Lung Cancer							
Number	160	164	160	159	158	177	164
Age-Adjusted Rate	46.9	39.4	38.8	36.7	35.3	39.3	37.9
Breast Cancer							
Number	64	55	59	44	59	56	55
Age-Adjusted Rate	17.3	12.7	13.3	9.7	12.9	11.9	12.1
Total Unintentional Injuries							
Number	99	124	127	160	149	160	144
Age-Adjusted Rate	24.6	27.8	27.1	33.2	31.6	32.9	30.6
Motor Vehicle							
Number	50	47	47	60	56	68	56
Age-Adjusted Rate	11.2	9.7	9.4	11.5	11.1	12.9	11.0
Other Unintentional Injuries							
Number	49	77	80	100	93	92	88
Age-Adjusted Rate	13.4	18.1	17.7	21.7	20.5	19.9	19.6
Chronic Lower Respiratory Diseases							
Number	174	216	221	225	234	213	222
Age-Adjusted Rate	57.6	57.3	55.7	55.9	57.0	51.6	55.4
Suicide							
Number	84	77	89	65	89	76	79
Age-Adjusted Rate	18.9	15.3	17.3	12.3	16.5	14.2	15.0
Homicide and Legal Intervention							
Number	16	23	23	10	11	13	16
Age-Adjusted Rate	3.3	4.4	4.5	2.0	2.1	2.5	3.1
Work-Related Injury							
Number	5	6	*	8	6	3	5
Age-Adjusted Rate	1.0	1.4	*	1.4	1.1	0.6	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, 2002

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	3,376	100.0	3,149	100.0	150	100.0	25	100.0	32	100.0	20	100.0
Cardiovascular Disease	1,196	35.4	1,125	35.7	44	29.3	9	36.0	12	37.5	6	30.0
Heart Disease	788	23.3	739	23.5	27	18.0	7	28.0	10	31.3	5	25.0
Cerebrovascular Disease	192	5.7	180	5.7	8	5.3	*	*	*	*	*	*
Atherosclerosis	165	4.9	157	5.0	7	4.7	*	*	0	0.0	0	0.0
Malignant Neoplasms	757	22.4	717	22.8	26	17.3	4	16.0	3	9.4	7	35.0
Lung Cancer	177	5.2	171	5.4	*	*	0	0.0	*	*	3	15.0
Breast Cancer	56	1.7	55	1.7	*	*	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	213	6.3	209	6.6	4	2.7	0	0.0	0	0.0	0	0.0
Unintentional Injuries	160	4.7	144	4.6	10	6.7	3	12.0	3	9.4	0	0.0
Motor Vehicle	68	2.0	61	1.9	4	2.7	0	0.0	3	9.4	0	0.0
Other Unintentional Injuries	92	2.7	83	2.6	6	4.0	3	12.0	0	0.0	0	0.0
Pneumonia and Influenza	77	2.3	74	2.3	*	*	0	0.0	*	*	0	0.0
Suicide	76	2.3	69	2.2	6	4.0	0	0.0	0	0.0	*	*
Diabetes Mellitus	78	2.3	70	2.2	7	4.7	0	0.0	*	*	0	0.0
HIV Infection	8	0.2	4	0.1	*	*	*	*	0	0.0	*	*
Chronic Liver Disease and Cirrhosis	40	1.2	34	1.1	5	3.3	0	0.0	0	0.0	*	*
Alzheimer's Disease	82	2.4	74	2.3	7	4.7	*	*	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	60	1.8	48	1.5	6	4.0	*	*	5	15.6	0	0.0
Homicide and Legal Intervention	13	0.4	9	0.3	*	*	*	*	0	0.0	0	0.0
Septicemia	34	1.0	33	1.0	*	*	0	0.0	0	0.0	0	0.0
Congenital Anomalies	12	0.4	7	0.2	3	2.0	*	*	*	*	0	0.0
Perinatal Period Conditions	11	0.3	6	0.2	4	2.7	0	0.0	0	0.0	*	*
All Other	559	16.6	526	16.7	22	14.7	*	*	6	18.8	3	15.0
Injury by Firearm	43	1.3	38	1.2	3	2.0	*	*	0	0.0	0	0.0
Drug-Induced Deaths	48	1.4	44	1.4	3	2.0	*	*	0	0.0	0	0.0
Alcohol-Induced Deaths	48	1.4	42	1.3	5	3.3	*	*	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	3	0.1	3	0.1	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, 2002

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	3,376	531,679	6.3
Infant	23	6,520	3.5
Neonatal	15	6,520	2.3
1-4	5	26,261	0.2
5-9	*	34,851	*
10-14	4	38,787	0.1
15-19	24	40,171	0.6
20-24	18	30,958	0.6
25-29	21	31,242	0.7
30-34	25	36,771	0.7
35-39	56	42,224	1.3
40-44	94	49,637	1.9
45-49	119	47,594	2.5
50-54	134	41,971	3.2
55-59	155	31,227	5.0
60-64	197	21,371	9.2
65-69	233	15,878	14.7
70-74	306	13,259	23.1
75-79	414	10,301	40.2
80-84	528	7,045	74.9
85+	1,018	5,614	181.3
1-14	11	99,899	0.1
15-24	42	71,129	0.6
25-64	801	302,037	2.7
65+	2,499	52,097	48.0

* 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: Jefferson 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	23	3.5	11	0.1	42	0.6	196	1.2	605	4.3	2,499	48.0
Cardiovascular Disease	0	0.0	0	0.0	*	*	27	0.2	166	1.2	1,001	19.2
Heart Disease	0	0.0	0	0.0	*	*	19	0.1	143	1.0	624	12.0
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	6	0.0	12	0.1	174	3.3
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	163	3.1
Malignant Neoplasms	0	0.0	0	0.0	*	*	29	0.2	208	1.5	518	9.9
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	48	0.3	128	2.5
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	22	0.2	32	0.6
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	3	0.0	30	0.2	180	3.5
Unintentional Injuries	0	0.0	3	0.0	18	0.3	44	0.3	37	0.3	58	1.1
Motor Vehicle	0	0.0	0	0.0	11	0.2	24	0.2	20	0.1	13	0.2
Other Unintentional Injuries	0	0.0	3	0.0	7	0.1	20	0.1	17	0.1	45	0.9
Pneumonia and Influenza	0	0.0	*	*	0	0.0	*	*	8	0.1	67	1.3
Suicide	0	0.0	0	0.0	10	0.1	30	0.2	25	0.2	11	0.2
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	6	0.0	15	0.1	57	1.1
HIV Infection	0	0.0	0	0.0	0	0.0	6	0.0	*	*	*	*
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	7	0.0	17	0.1	16	0.3
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	82	1.6
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	3	0.0	5	0.0	52	1.0
Homicide and Legal Intervention	0	0.0	0	0.0	*	*	8	0.1	*	*	*	*
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	*	*	32	0.6
Congenital Anomalies	6	0.9	*	*	*	*	0	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	6	0.9	5	0.1	7	0.1	32	0.2	89	0.6	420	8.1
Injury by Firearm	0	0.0	0	0.0	8	0.1	16	0.1	11	0.1	8	0.2
Drug-Induced Deaths	0	0.0	0	0.0	5	0.1	23	0.1	15	0.1	5	0.1
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	13	0.1	25	0.2	10	0.2
Work-Related Injury (Y/N Check Death Certificate)	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:
Jefferson county residents, 2002**

Cause of Death	N	Crude Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	3,376	635.0	794.4	768.4	820.3
Cardiovascular Disease	1,196	224.9	294.6	278.1	311.1
Heart Disease	788	148.2	189.4	176.2	202.7
Cerebrovascular Disease	192	36.1	48.7	41.8	55.6
Atherosclerosis	165	31.0	44.2	37.5	50.9
Malignant Neoplasms	757	142.4	168.3	156.1	180.4
Lung Cancer	177	33.3	39.3	33.4	45.1
Breast Cancer	56	10.5	11.9	8.7	15.1
Chronic Lower Respiratory Diseases	213	40.1	51.6	44.6	58.6
Unintentional Injuries	160	30.1	32.9	27.7	38.1
Motor Vehicle	68	12.8	12.9	9.8	16.1
Other Unintentional Injuries	92	17.3	19.9	15.8	24.1
Pneumonia and Influenza	77	14.5	19.6	15.2	24.0
Suicide	76	14.3	14.2	10.9	17.4
Diabetes Mellitus	78	14.7	18.0	13.9	22.0
HIV Infection	8	1.5	1.5	0.0	0.1
Chronic Liver Disease and Cirrhosis	40	7.5	7.8	5.3	10.3
Alzheimer's Disease	82	15.4	22.2	17.4	26.9
Nephritis, Nephrosis, Nephrotic Syndrome	60	11.3	15.0	11.2	18.8
Homicide and Legal Intervention	13	2.4	2.5	1.1	3.9
Septicemia	34	6.4	8.5	5.7	11.4
Congenital Anomalies	12	2.3	2.5	1.1	4.0
Perinatal Period Conditions	11	2.1	2.3	0.0	0.1
All Other	559	105.1	133.0	121.9	144.1
Injury by Firearm	43	8.1	8.2	5.7	10.7
Drug-Induced Deaths	48	9.0	8.8	6.3	11.3
Alcohol-Induced Deaths	48	9.0	8.5	6.1	10.9
Work-Related Injury (Y/N Check Death Certificate)	3	0.6	0.6	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.