

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 2005

- Selected birth characteristics: Jefferson County residents, 2005 2
- Selected birth characteristics by age group of mother: Jefferson County residents, 2005 3
- Selected birth characteristics by race/ethnicity of mother: Jefferson County residents, 2005..... 4
- Live births and fertility rates: Jefferson County residents, 2005 5
- Vital statistics summary: Jefferson County residents, 1995, 2001-2005 6
- Deaths from selected causes by race/ethnicity: Jefferson County residents, 2005 9
- Deaths and age-specific death rates: Jefferson County residents, 200511
- Deaths and age-specific death rates from selected causes: Jefferson County residents, 2005 12
- Deaths, crude death rates and age-adjusted death rates from selected causes:
 - Jefferson County residents, 2005 14

Selected birth characteristics: Jefferson county residents, 2005

Characteristic	Number	Percent
Total Live Births	6,031	100.0
Age of Mother		
10-17	134	2.2
18-19	289	4.8
20-29	2,717	45.1
30+	2,889	47.9
Low Weight Births (<2,500 Grams)	525	8.7
Very Low Weight Births (<1,500 Grams)	88	1.5
Prenatal Care Later than 1st Trimester/No Care	732	12.4
No Prenatal Care	46	0.8
Preterm Births (<37 Weeks)	544	9.0
Education of Mother <12 Years	866	14.4
Live Births to Unmarried Women	1,323	21.9
Smoking During Pregnancy	403	6.7

** 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, 2005

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	6,031	100.0	134	100.0	289	100.0	2,717	100.0	2,889	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	4,492	74.5	61	45.5	159	55.0	1,889	69.5	2,381	82.4
White Hispanic	1,192	19.8	64	47.8	115	39.8	667	24.5	346	12.0
Black	74	1.2	3	2.2	6	2.1	38	1.4	27	0.9
Other	272	4.5	6	4.5	9	3.1	123	4.5	134	4.6
Low Weight Births (<2,500 Grams)	525	8.7	17	12.8	28	9.7	228	8.4	251	8.7
Very Low Weight Births (<1,500 Grams)	88	1.5	3	2.3	5	1.7	45	1.7	34	1.2
Prenatal Care Later than 1st Trimester/No Care	732	12.4	42	32.1	70	24.3	407	15.2	212	7.5
No Prenatal Care	46	0.8	*	*	3	1.0	31	1.2	10	0.4
Preterm Births (<37 Weeks)	544	9.0	18	13.5	20	6.9	238	8.8	266	9.2
Education of Mother <12 Years	866	14.4	116	86.6	136	47.1	454	16.7	160	5.5
Live Births to Unmarried Women	1,323	21.9	121	90.3	204	70.6	764	28.1	233	8.1
Smoking During Pregnancy	403	6.7	17	12.8	27	9.5	255	9.4	103	3.6

** 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 race/ethnicity of mother: Jefferson county residents, 2005

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	4,492	100.0	1,192	100.0	74	100.0	241	100.0	31	100.0
Age of Mother										
10-17	61	1.4	64	5.4	3	4.1	3	1.2	3	9.7
18-19	159	3.5	115	9.6	6	8.1	8	3.3	*	*
20-29	1,889	42.1	667	56.0	38	51.4	111	46.1	12	38.7
30+	2,381	53.0	346	29.0	27	36.5	119	49.4	15	48.4
Low Weight Births (<2,500 Grams)	393	8.7	100	8.4	10	13.7	21	8.7	*	*
Very Low Weight Births (<1,500 Grams)	72	1.6	13	1.1	*	*	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	411	9.3	264	22.5	14	19.2	38	16.1	4	13.3
No Prenatal Care	31	0.7	13	1.1	*	*	*	*	0	0.0
Preterm Births (<37 Weeks)	422	9.4	95	8.0	9	12.2	18	7.5	0	0.0
Education of Mother <12 Years	338	7.5	476	39.9	12	16.2	31	12.9	9	29.0
Live Births to Unmarried Women	770	17.1	471	39.5	29	39.2	38	15.8	14	45.2
Smoking During Pregnancy	328	7.4	61	5.1	4	5.5	6	2.5	4	12.9

** 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, excluding cases with specific characteristics unknown.

See the 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, 2005

Age Group	Births	Population	Fertility Rate
All Ages	6,031	107,829	55.9
Teen Age Groups			
13-14	4	7,342	0.5
15-17	130	11,211	11.6
18-19	289	7,833	36.9
10-17	134	28,809	4.7
10-19	423	36,642	11.5
All Age Groups			
10-14	4	17,598	0.2
15-19	419	19,044	22.0
20-24	1,215	17,588	69.1
25-29	1,502	13,674	109.8
30-34	1,674	15,870	105.5
35-39	974	18,202	53.5
40-49	239	47,770	5.0

** 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, 1995, 2001-2005

	1995	2001	2002	2003	2004	2005	2001-2005 Annual Average
Total Population	491,314	529,743	530,847	529,479	532,723	532,608	531,080
Total Births							
Number	6,207	6,572	6,541	6,520	6,251	6,031	6,383
Birth Rate	12.6	12.4	12.3	12.3	11.7	11.3	12.0
General Fertility Rate	53.8	57.3	57.8	58.8	56.9	55.9	57.4
Age of Mother 10-17							
Number	195	142	145	150	168	134	148
Percent of Total Births	3.1	2.2	2.2	2.3	2.7	2.2	2.3
Fertility Rate	7.1	4.6	4.8	5.0	5.7	4.7	5.0
Low Weight Births (<2,500 Grams)							
Number	511	547	542	554	534	525	540
Percent	8.2	8.3	8.3	8.5	8.5	8.7	8.5
Prenatal Care Later Than 1st Trimester							
Number	693	664	745	766	734	732	728
Percent	11.3	10.3	11.6	12.0	11.9	12.4	11.6
Births to Unmarried Women							
Number	1,053	1,231	1,342	1,392	1,391	1,323	1,336
Percent	17.0	18.7	20.5	21.3	22.3	21.9	20.9
Mother's Education <12 Years							
Number	581	807	853	927	944	866	879
Percent	9.5	12.4	13.1	14.3	15.2	14.5	13.9
Infant Deaths							
Number	34	49	23	31	27	32	32
Rate	5.5	7.5	3.5	4.8	4.3	5.3	5.1

(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, 1995, 2001-2005

	1995	2001	2002	2003	2004	2005	2001-2005 Annual Average
Neonatal Deaths							
Number	22	40	15	17	20	24	23
Rate	3.5	6.1	2.3	2.6	3.2	4.0	3.6
Total Deaths							
Number	2,790	3,279	3,409	3,434	3,299	3,395	3,363
Crude Rate	567.9	619.0	642.2	648.6	619.3	637.4	633.3
Age-Adjusted Rate	789.9	765.3	779.5	764.6	715.8	732.1	750.6
Cardiovascular Disease							
Number	860	1,132	1,205	1,178	1,027	1,096	1,128
Age-Adjusted Rate	258.7	276.8	287.1	274.9	234.1	245.8	263.1
Heart Disease							
Number	700	709	793	820	692	748	752
Age-Adjusted Rate	208.9	169.2	185.0	188.5	156.0	165.3	172.5
Cerebrovascular Disease							
Number	153	205	196	165	170	153	178
Age-Adjusted Rate	47.4	51.6	48.0	38.8	38.8	34.9	42.3
Malignant Neoplasms							
Number	652	734	767	800	771	731	761
Age-Adjusted Rate	170.5	164.4	166.9	168.2	158.5	148.6	161.1
Lung Cancer							
Number	148	159	175	193	174	171	174
Age-Adjusted Rate	38.8	35.3	38.1	40.6	36.1	34.7	36.9
Breast Cancer							
Number	67	59	56	72	70	68	65

(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, 1995, 2001-2005

	1995	2001	2002	2003	2004	2005	2001-2005 Annual Average
Age-Adjusted Rate	16.0	12.7	11.7	14.3	13.8	12.8	13.1
Total Unintentional Injuries							
Number	119	151	162	159	177	187	167
Age-Adjusted Rate	28.4	31.7	32.8	32.1	36.3	37.0	34.0
Motor Vehicle							
Number	51	56	69	56	60	68	62
Age-Adjusted Rate	11.0	11.1	13.1	10.7	11.4	12.7	11.7
Other Unintentional Injuries							
Number	68	95	93	103	117	119	105
Age-Adjusted Rate	17.4	20.6	19.8	21.4	24.9	24.3	22.2
Chronic Lower Respiratory Diseases							
Number	180	233	212	215	227	209	219
Age-Adjusted Rate	54.1	55.9	49.6	49.1	50.5	46.6	50.3
Suicide							
Number	80	89	78	93	94	96	90
Age-Adjusted Rate	15.9	16.5	14.4	16.7	17.2	18.0	16.5
Homicide and Legal Intervention							
Number	11	11	13	16	15	9	13
Age-Adjusted Rate	2.3	2.1	2.5	3.1	2.9	1.8	2.5
Work-Related Injury							
Number	8	7	3	5	5	9	6
Age-Adjusted Rate	1.7	1.3	0.5	0.8	0.8	1.5	1.0

** 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: Jefferson county residents, 2005

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	3,395	100.0	3,113	100.0	199	100.0	19	100.0	43	100.0	17	100.0
Cardiovascular Disease	1,096	32.3	1,015	32.6	57	28.6	7	36.8	11	25.6	5	29.4
Heart Disease	748	22.0	694	22.3	34	17.1	7	36.8	8	18.6	4	23.5
Cerebrovascular Disease	153	4.5	141	4.5	11	5.5	0	0.0	*	*	0	0.0
Atherosclerosis	134	3.9	122	3.9	10	5.0	0	0.0	*	*	*	*
Malignant Neoplasms	731	21.5	683	21.9	31	15.6	*	*	15	34.9	*	*
Lung Cancer	171	5.0	164	5.3	*	*	0	0.0	4	9.3	*	*
Breast Cancer	68	2.0	66	2.1	*	*	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	209	6.2	199	6.4	9	4.5	0	0.0	0	0.0	*	*
Unintentional Injuries	187	5.5	152	4.9	21	10.6	4	21.1	4	9.3	3	17.6
Motor Vehicle	68	2.0	52	1.7	13	6.5	*	*	0	0.0	0	0.0
Other Unintentional Injuries	119	3.5	100	3.2	8	4.0	3	15.8	4	9.3	3	17.6
Pneumonia and Influenza	77	2.3	74	2.4	*	*	0	0.0	*	*	0	0.0
Suicide	96	2.8	92	3.0	*	*	0	0.0	*	*	0	0.0
Diabetes Mellitus	82	2.4	70	2.2	7	3.5	*	*	*	*	3	17.6
HIV Infection	10	0.3	7	0.2	3	1.5	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	41	1.2	32	1.0	9	4.5	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	111	3.3	105	3.4	3	1.5	*	*	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	81	2.4	75	2.4	5	2.5	*	*	0	0.0	0	0.0
Homicide and Legal Intervention	9	0.3	*	*	5	2.5	*	*	*	*	*	*
Septicemia	28	0.8	26	0.8	*	*	0	0.0	*	*	0	0.0
Congenital Anomalies	11	0.3	11	0.4	0	0.0	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	20	0.6	12	0.4	6	3.0	*	*	*	*	0	0.0
All Other	606	17.8	559	18.0	38	19.1	*	*	5	11.6	*	*
Injury by Firearm	54	1.6	47	1.5	3	1.5	*	*	*	*	0	0.0

(Continued)

** 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 from selected causes by race/ethnicity: Jefferson county residents, 2005

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Drug-Induced Deaths	46	1.4	38	1.2	5	2.5	*	*	0	0.0	*	*
Alcohol-Induced Deaths	43	1.3	35	1.1	8	4.0	0	0.0	0	0.0	0	0.0
Work-Related Injury	9	0.3	6	0.2	*	*	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, 2005

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	3,395	532,608	6.4
Infant	32	6,031	5.3
Neonatal	24	6,031	4.0
1-4	6	25,309	0.2
5-9	5	32,368	0.2
10-14	3	36,036	0.1
15-19	15	40,016	0.4
20-24	36	37,254	1.0
25-29	25	28,353	0.9
30-34	30	32,480	0.9
35-39	62	36,309	1.7
40-44	71	45,522	1.6
45-49	111	48,452	2.3
50-54	146	44,384	3.3
55-59	170	37,154	4.6
60-64	183	25,636	7.1
65-69	216	17,450	12.4
70-74	306	14,513	21.1
75-79	412	11,510	35.8
80-84	537	7,573	70.9
85+	1,029	6,216	165.5
1-14	14	93,713	0.1
15-24	51	77,271	0.7
25-64	798	298,290	2.7
65+	2,500	57,263	43.7

** 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, 2005

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	32	5.3	14	0.1	51	0.7	188	1.3	610	3.9	2,500	43.7
Cardiovascular Disease	*	*	*	*	*	*	21	0.1	143	0.9	926	16.2
Heart Disease	*	*	*	*	*	*	17	0.1	115	0.7	611	10.7
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	16	0.1	136	2.4
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	6	0.0	128	2.2
Malignant Neoplasms	0	0.0	*	*	3	0.0	20	0.1	198	1.3	509	8.9
Lung Cancer	0	0.0	0	0.0	0	0.0	5	0.0	41	0.3	125	2.2
Breast Cancer	0	0.0	0	0.0	0	0.0	3	0.0	30	0.2	35	0.6
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	*	*	20	0.1	187	3.3
Unintentional Injuries	0	0.0	4	0.0	28	0.4	53	0.4	42	0.3	60	1.0
Motor Vehicle	0	0.0	*	*	20	0.3	24	0.2	16	0.1	6	0.1
Other Unintentional Injuries	0	0.0	*	*	8	0.1	29	0.2	26	0.2	54	0.9
Pneumonia and Influenza	0	0.0	*	*	0	0.0	3	0.0	10	0.1	63	1.1
Suicide	0	0.0	*	*	11	0.1	39	0.3	29	0.2	16	0.3
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	7	0.0	18	0.1	57	1.0
HIV Infection	0	0.0	0	0.0	0	0.0	8	0.1	*	*	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	6	0.0	23	0.1	12	0.2
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	109	1.9
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	4	0.0	77	1.3
Homicide and Legal Intervention	0	0.0	0	0.0	*	*	4	0.0	*	*	*	*
Septicemia	0	0.0	0	0.0	0	0.0	*	*	4	0.0	23	0.4
Congenital Anomalies	5	0.8	*	*	0	0.0	*	*	3	0.0	*	*
Perinatal Period Conditions	20	3.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	5	0.8	4	0.0	5	0.1	23	0.2	111	0.7	458	8.0
Injury by Firearm	0	0.0	0	0.0	8	0.1	19	0.1	16	0.1	11	0.2

(Continued)

* 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 and age-specific death rates from selected causes: Jefferson county residents, 2005

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
Drug-Induced Deaths	0	0.0	0	0.0	5	0.1	18	0.1	19	0.1	4	0.1
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	4	0.0	32	0.2	7	0.1
Work-Related Injury	0	0.0	0	0.0	*	*	*	*	5	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, 2005**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	3,395	637.4	732.1	708.1	756.0
Cardiovascular Disease	1,096	205.8	245.8	231.4	260.2
Heart Disease	748	140.4	165.3	153.4	177.1
Cerebrovascular Disease	153	28.7	34.9	29.3	40.4
Atherosclerosis	134	25.2	31.9	26.5	37.3
Malignant Neoplasms	731	137.2	148.6	137.7	159.6
Lung Cancer	171	32.1	34.7	29.4	40.0
Breast Cancer	68	12.8	12.8	9.7	15.9
Chronic Lower Respiratory Diseases	209	39.2	46.6	40.3	53.0
Unintentional Injuries	187	35.1	37.0	31.6	42.4
Motor Vehicle	68	12.8	12.7	9.6	15.7
Other Unintentional Injuries	113	21.2	23.3	18.9	27.6
Pneumonia and Influenza	77	14.5	17.4	13.5	21.3
Suicide	96	18.0	18.0	14.3	21.7
Diabetes Mellitus	82	15.4	17.1	13.3	20.9
HIV Infection	10	1.9	1.9	0.9	3.3
Chronic Liver Disease and Cirrhosis	41	7.7	7.2	4.9	9.4
Alzheimer's Disease	111	20.8	26.9	21.9	31.9
Nephritis, Nephrosis, Nephrotic Syndrome	81	15.2	18.9	14.7	23.0
Homicide and Legal Intervention	9	1.7	1.8	0.9	3.2
Septicemia	28	5.3	6.1	3.8	8.4
Congenital Anomalies	11	2.1	2.2	1.1	3.7
Perinatal Period Conditions	20	3.8	4.6	2.6	6.5
All Other	606	113.8	132.0	121.4	142.5

(Continued)

** 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.

**Deaths, crude death rates and age-adjusted death rates with 95% confidence limits from selected causes:
Jefferson county residents, 2005**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
Injury by Firearm	54	10.1	10.2	7.4	12.9
Drug-Induced Deaths	46	8.6	8.2	5.8	10.6
Alcohol-Induced Deaths	43	8.1	6.9	4.8	9.0
Work-Related Injury (Y/N Check Death Certificate)	9	1.7	1.5	0.6	2.9

** 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.