

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

Boulder County Births and Deaths 2005

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Selected birth characteristics: Boulder county residents, 2005

Characteristic	Number	Percent
Total Live Births	3,500	100.0
Age of Mother		
10-17	93	2.7
18-19	142	4.1
20-29	1,279	36.5
30+	1,986	56.7
Low Weight Births (<2,500 Grams)	295	8.4
Very Low Weight Births (<1,500 Grams)	47	1.3
Prenatal Care Later than 1st Trimester/No Care	418	12.0
No Prenatal Care	23	0.7
Preterm Births (<37 Weeks)	308	8.8
Education of Mother <12 Years	585	16.7
Live Births to Unmarried Women	691	19.7
Smoking During Pregnancy	108	3.1

** 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 age group of mother: Boulder 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	3,500	100.0	93	100.0	142	100.0	1,279	100.0	1,986	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	2,430	69.4	25	26.9	55	38.7	742	58.0	1,608	81.0
White Hispanic	856	24.5	65	69.9	84	59.2	464	36.3	243	12.2
Black	21	0.6	*	*	*	*	12	0.9	5	0.3
Other	192	5.5	*	*	*	*	61	4.8	129	6.5
Low Weight Births (<2,500 Grams)	295	8.4	13	14.0	6	4.2	108	8.4	168	8.5
Very Low Weight Births (<1,500 Grams)	47	1.3	5	5.4	*	*	19	1.5	21	1.1
Prenatal Care Later than 1st Trimester/No Care	418	12.0	28	30.1	39	27.7	197	15.5	154	7.8
No Prenatal Care	23	0.7	3	3.2	*	*	6	0.5	12	0.6
Preterm Births (<37 Weeks)	308	8.8	13	14.0	12	8.5	104	8.1	179	9.0
Education of Mother <12 Years	585	16.7	77	82.8	70	49.3	302	23.6	136	6.8
Live Births to Unmarried Women	691	19.7	81	87.1	94	66.2	385	30.1	131	6.6
Smoking During Pregnancy	108	3.1	5	5.4	13	9.2	64	5.0	26	1.3

** 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 race/ethnicity of mother: Boulder 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	2,430	100.0	856	100.0	21	100.0	181	100.0	11	100.0
Age of Mother										
10-17	25	1.0	65	7.6	*	*	*	*	0	0.0
18-19	55	2.3	84	9.8	*	*	0	0.0	*	*
20-29	742	30.5	464	54.2	12	57.1	55	30.4	6	54.5
30+	1,608	66.2	243	28.4	5	23.8	125	69.1	4	36.4
Low Weight Births (<2,500 Grams)	215	8.9	55	6.4	3	14.3	20	11.0	*	*
Very Low Weight Births (<1,500 Grams)	30	1.2	13	1.5	*	*	*	*	*	*
Prenatal Care Later than 1st Trimester/No Care	190	7.8	196	23.0	6	28.6	22	12.2	4	36.4
No Prenatal Care	9	0.4	10	1.2	0	0.0	*	*	3	27.3
Preterm Births (<37 Weeks)	222	9.1	63	7.4	3	14.3	18	10.0	*	*
Education of Mother <12 Years	80	3.3	495	57.8	3	14.3	6	3.3	0	0.0
Live Births to Unmarried Women	326	13.4	343	40.1	9	42.9	9	5.0	4	36.4
Smoking During Pregnancy	90	3.7	18	2.1	0	0.0	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 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: Boulder county residents, 2005

Age Group	Births	Population	Fertility Rate
All Ages	3,500	64,728	54.1
Teen Age Groups			
13-14	3	3,528	0.9
15-17	90	5,387	16.7
18-19	142	6,209	22.9
10-17	93	13,859	6.7
10-19	235	20,068	11.7
All Age Groups			
10-14	3	8,472	0.4
15-19	232	11,596	20.0
20-24	522	12,469	41.9
25-29	757	8,816	85.9
30-34	1,062	10,325	102.9
35-39	750	10,168	73.8
40-49	174	23,664	7.4

** 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: Boulder county residents, 1995, 2001-2005

	1995	2001	2002	2003	2004	2005	2001-2005 Annual Average
Total Population	257,502	280,965	282,918	283,616	284,996	285,880	283,675
Total Births							
Number	3,133	3,933	3,656	3,620	3,548	3,500	3,651
Birth Rate	12.2	14.0	12.9	12.8	12.4	12.2	12.9
General Fertility Rate	47.1	57.9	54.3	54.6	54.0	54.1	55.0
Age of Mother 10-17							
Number	111	85	93	87	78	93	87
Percent of Total Births	3.5	2.2	2.5	2.4	2.2	2.7	2.4
Fertility Rate	9.0	6.0	6.5	6.1	5.6	6.7	6.2
Low Weight Births (<2,500 Grams)							
Number	205	307	253	315	280	295	290
Percent	6.5	7.8	6.9	8.7	7.9	8.4	7.9
Prenatal Care Later Than 1st Trimester							
Number	635	590	512	489	360	418	474
Percent	20.8	15.0	14.1	13.5	10.2	12.0	13.0
Births to Unmarried Women							
Number	567	679	651	665	710	691	679
Percent	18.1	17.3	17.8	18.4	20.0	19.7	18.6
Mother's Education <12 Years							
Number	380	643	635	580	624	585	613
Percent	12.3	16.5	17.5	16.3	17.7	17.0	17.0
Infant Deaths							
Number	13	22	18	17	15	14	17
Rate	4.1	5.6	4.9	4.7	4.2	4.0	4.7

(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: Boulder county residents, 1995, 2001-2005

	1995	2001	2002	2003	2004	2005	2001-2005 Annual Average
Neonatal Deaths							
Number	6	14	11	15	12	10	12
Rate	1.9	3.6	3.0	4.1	3.4	2.9	3.4
Total Deaths							
Number	1,279	1,431	1,424	1,472	1,364	1,446	1,427
Crude Rate	496.7	509.3	503.3	519.0	478.6	505.8	503.2
Age-Adjusted Rate	748.7	735.0	713.0	716.4	648.6	672.9	696.1
Cardiovascular Disease							
Number	422	454	449	412	398	413	425
Age-Adjusted Rate	262.3	245.7	235.4	211.5	201.2	202.5	218.7
Heart Disease							
Number	320	308	296	285	276	293	292
Age-Adjusted Rate	198.0	165.6	154.4	144.1	138.1	142.0	148.6
Cerebrovascular Disease							
Number	99	110	126	102	88	80	101
Age-Adjusted Rate	62.3	60.3	67.2	54.3	45.5	40.0	53.1
Malignant Neoplasms							
Number	288	326	315	324	303	314	316
Age-Adjusted Rate	167.3	167.7	158.7	153.6	139.3	145.2	152.5
Lung Cancer							
Number	71	78	75	66	62	69	70
Age-Adjusted Rate	41.3	41.6	39.3	32.4	29.3	33.0	34.9
Breast Cancer							
Number	27	22	24	31	27	39	29

(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: Boulder county residents, 1995, 2001-2005

	1995	2001	2002	2003	2004	2005	2001-2005 Annual Average
Age-Adjusted Rate	15.1	11.1	10.3	13.7	10.0	16.5	12.4
Total Unintentional Injuries							
Number	75	90	106	123	109	113	108
Age-Adjusted Rate	32.0	37.1	43.8	50.9	45.7	46.0	44.8
Motor Vehicle							
Number	36	29	31	32	29	25	29
Age-Adjusted Rate	13.0	9.8	10.8	10.8	10.6	8.8	10.3
Other Unintentional Injuries							
Number	39	61	75	91	80	88	79
Age-Adjusted Rate	19.0	27.3	32.9	40.1	35.1	37.2	34.6
Chronic Lower Respiratory Diseases							
Number	85	67	75	92	78	84	79
Age-Adjusted Rate	52.0	37.6	39.6	49.4	40.7	43.1	42.1
Suicide							
Number	24	47	38	37	40	49	42
Age-Adjusted Rate	10.0	17.5	13.7	12.2	12.8	15.3	14.3
Homicide and Legal Intervention							
Number	6	3	7	*	4	*	3
Age-Adjusted Rate	2.5	0.9	2.3	*	1.5	*	1.2
Work-Related Injury							
Number	4	0	3	4	*	4	*
Age-Adjusted Rate	1.6	0.0	0.9	1.6	*	1.2	*

** 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: Boulder county residents, 2005

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	1,446	100.0	1,332	100.0	77	100.0	12	100.0	17	100.0	6	100.0
Cardiovascular Disease	413	28.6	390	29.3	15	19.5	*	*	5	29.4	*	*
Heart Disease	293	20.3	282	21.2	7	9.1	*	*	3	17.6	0	0.0
Cerebrovascular Disease	80	5.5	71	5.3	6	7.8	*	*	*	*	0	0.0
Atherosclerosis	11	0.8	9	0.7	*	*	0	0.0	0	0.0	*	*
Malignant Neoplasms	314	21.7	298	22.4	11	14.3	*	*	*	*	*	*
Lung Cancer	69	4.8	67	5.0	*	*	0	0.0	0	0.0	0	0.0
Breast Cancer	39	2.7	36	2.7	*	*	*	*	0	0.0	0	0.0
Chronic Lower Respiratory Disease	84	5.8	79	5.9	5	6.5	0	0.0	0	0.0	0	0.0
Unintentional Injuries	113	7.8	98	7.4	12	15.6	*	*	0	0.0	0	0.0
Motor Vehicle	25	1.7	20	1.5	4	5.2	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	88	6.1	78	5.9	8	10.4	*	*	0	0.0	0	0.0
Pneumonia and Influenza	37	2.6	34	2.6	*	*	0	0.0	*	*	0	0.0
Suicide	49	3.4	41	3.1	6	7.8	0	0.0	*	*	0	0.0
Diabetes Mellitus	47	3.3	43	3.2	3	3.9	0	0.0	*	*	0	0.0
HIV Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	20	1.4	18	1.4	*	*	0	0.0	0	0.0	*	*
Alzheimer's Disease	63	4.4	62	4.7	*	*	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	19	1.3	17	1.3	*	*	*	*	0	0.0	0	0.0
Homicide and Legal Intervention	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	11	0.8	10	0.8	0	0.0	*	*	0	0.0	0	0.0
Congenital Anomalies	6	0.4	3	0.2	*	*	0	0.0	*	*	0	0.0
Perinatal Period Conditions	7	0.5	5	0.4	*	*	0	0.0	0	0.0	0	0.0
All Other	261	18.0	232	17.4	17	22.1	5	41.7	4	23.5	*	*
Injury by Firearm	15	1.0	14	1.1	*	*	0	0.0	0	0.0	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: Boulder 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	39	2.7	31	2.3	6	7.8	*	*	0	0.0	0	0.0
Alcohol-Induced Deaths	26	1.8	24	1.8	*	*	0	0.0	0	0.0	*	*
Work-Related Injury	4	0.3	3	0.2	*	*	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: Boulder county residents, 2005

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	1,446	285,880	5.1
Infant	14	3,500	4.0
Neonatal	10	3,500	2.9
1-4	*	14,594	*
5-9	3	16,431	0.2
10-14	*	17,272	*
15-19	13	23,616	0.6
20-24	22	26,596	0.8
25-29	13	18,745	0.7
30-34	14	22,613	0.6
35-39	20	21,091	0.9
40-44	29	22,663	1.3
45-49	55	24,253	2.3
50-54	55	21,947	2.5
55-59	89	17,698	5.0
60-64	58	11,024	5.3
65-69	76	7,090	10.7
70-74	104	5,582	18.6
75-79	177	4,640	38.1
80-84	199	3,320	59.9
85+	502	3,167	158.5
1-14	6	48,297	0.1
15-24	35	50,212	0.7
25-64	333	160,032	2.1
65+	1,058	23,798	44.5

** 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: Boulder 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	14	4.0	6	0.1	35	0.7	76	0.9	257	3.4	1,058	44.5
Cardiovascular Disease	0	0.0	0	0.0	*	*	8	0.1	44	0.6	359	15.1
Heart Disease	0	0.0	0	0.0	*	*	6	0.1	37	0.5	248	10.4
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	5	0.1	73	3.1
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11	0.5
Malignant Neoplasms	0	0.0	*	*	*	*	7	0.1	83	1.1	221	9.3
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	15	0.2	54	2.3
Breast Cancer	0	0.0	0	0.0	0	0.0	4	0.0	16	0.2	19	0.8
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	*	*	4	0.1	79	3.3
Unintentional Injuries	0	0.0	*	*	10	0.2	23	0.3	27	0.4	51	2.1
Motor Vehicle	0	0.0	*	*	4	0.1	5	0.1	11	0.1	4	0.2
Other Unintentional Injuries	0	0.0	*	*	6	0.1	18	0.2	16	0.2	47	2.0
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	*	*	4	0.1	31	1.3
Suicide	0	0.0	0	0.0	18	0.4	14	0.2	15	0.2	*	*
Diabetes Mellitus	0	0.0	0	0.0	*	*	0	0.0	13	0.2	33	1.4
HIV Infection	0	0.0	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	0.0	12	0.2	5	0.2
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	63	2.6
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	3	0.0	16	0.7
Homicide and Legal Intervention	0	0.0	0	0.0	0	0.0	*	*	*	*	0	0.0
Septicemia	*	*	0	0.0	0	0.0	0	0.0	3	0.0	7	0.3
Congenital Anomalies	4	1.1	0	0.0	0	0.0	0	0.0	*	*	*	*
Perinatal Period Conditions	7	2.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	*	*	3	0.1	*	*	17	0.2	47	0.6	190	8.0
Injury by Firearm	0	0.0	0	0.0	4	0.1	3	0.0	7	0.1	*	*

(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: Boulder 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	6	0.1	16	0.2	13	0.2	4	0.2
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	7	0.1	18	0.2	*	*
Work-Related Injury	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:
Boulder county residents, 2005**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	1,446	505.8	672.9	638.9	707.0
Cardiovascular Disease	413	144.5	202.5	183.0	221.9
Heart Disease	293	102.5	142.0	125.7	158.2
Cerebrovascular Disease	80	28.0	40.0	31.2	48.8
Atherosclerosis	11	3.8	5.8	3.3	8.9
Malignant Neoplasms	314	109.8	145.2	128.8	161.6
Lung Cancer	69	24.1	33.0	25.1	40.9
Breast Cancer	39	13.6	16.5	11.1	21.8
Chronic Lower Respiratory Diseases	84	29.4	43.1	33.8	52.3
Unintentional Injuries	113	39.5	46.0	37.3	54.8
Motor Vehicle	25	8.7	8.8	5.2	12.4
Other Unintentional Injuries	86	30.1	36.6	28.7	44.5
Pneumonia and Influenza	37	12.9	17.9	12.1	23.7
Suicide	49	17.1	15.3	11.0	19.6
Diabetes Mellitus	47	16.4	21.6	15.3	28.0
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	20	7.0	7.3	4.0	10.6
Alzheimer's Disease	63	22.0	32.7	24.7	40.8
Nephritis, Nephrosis, Nephrotic Syndrome	19	6.6	9.0	4.9	13.2
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	11	3.8	4.8	2.6	7.7
Congenital Anomalies	6	2.1	2.4	1.0	4.6
Perinatal Period Conditions	7	2.4	2.7	1.2	5.0
All Other	261	91.3	121.6	106.7	136.6

(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:
Boulder county residents, 2005**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
Injury by Firearm	15	5.2	4.7	2.3	7.2
Drug-Induced Deaths	39	13.6	13.2	8.9	17.4
Alcohol-Induced Deaths	26	9.1	8.5	5.2	11.8
Work-Related Injury (Y/N Check Death Certificate)	4	1.4	1.2	0.2	3.0

** 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.