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Colorado Births and Deaths 2006

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Selected birth characteristics: Colorado residents, 2006

Characteristic	Number	Percent
Total Live Births	70,737	100.0
Age of Mother		
10-17	2,424	3.4
18-19	4,405	6.2
20-29	36,145	51.1
30+	27,753	39.2
Low Weight Births (<2,500 Grams)	6,379	9.0
Very Low Weight Births (<1,500 Grams)	891	1.3
Prenatal Care Later than 1st Trimester/No Care	14,076	20.3
No Prenatal Care	933	1.3
Preterm Births (<37 Weeks)	6,800	9.6
Education of Mother <12 Years	14,702	20.8
Live Births to Unmarried Women	19,547	27.6
Smoking During Pregnancy	4,965	7.1

** 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: Colorado residents, 2006

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	70,737	100.0	2,424	100.0	4,405	100.0	36,145	100.0	27,753	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	42,109	59.5	712	29.4	1,713	38.9	20,032	55.4	19,650	70.8
White Hispanic	22,438	31.7	1,492	61.6	2,284	51.9	12,940	35.8	5,718	20.6
Black	3,144	4.4	150	6.2	300	6.8	1,843	5.1	851	3.1
Other	3,037	4.3	70	2.9	108	2.5	1,327	3.7	1,532	5.5
Low Weight Births (<2,500 Grams)	6,379	9.0	277	11.4	458	10.4	3,068	8.5	2,574	9.3
Very Low Weight Births (<1,500 Grams)	891	1.3	42	1.7	59	1.3	401	1.1	388	1.4
Prenatal Care Later than 1st Trimester/No Care	14,076	20.3	958	40.3	1,495	34.6	7,857	22.1	3,764	13.8
No Prenatal Care	933	1.3	68	2.9	86	2.0	504	1.4	273	1.0
Preterm Births (<37 Weeks)	6,800	9.6	269	11.1	415	9.4	3,286	9.1	2,829	10.2
Education of Mother <12 Years	14,702	20.8	2,049	84.5	1,932	43.9	7,845	21.7	2,874	10.4
Live Births to Unmarried Women	19,547	27.6	2,122	87.5	2,935	66.6	11,363	31.4	3,121	11.2
Smoking During Pregnancy	4,965	7.1	182	7.6	487	11.1	3,226	9.0	1,070	3.9

** 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: Colorado residents, 2006

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	42,109	100.0	22,438	100.0	3,144	100.0	2,421	100.0	612	100.0
Age of Mother										
10-17	712	1.7	1,492	6.6	150	4.8	30	1.2	40	6.5
18-19	1,713	4.1	2,284	10.2	300	9.5	62	2.6	46	7.5
20-29	20,032	47.6	12,940	57.7	1,843	58.6	969	40.0	358	58.5
30+	19,650	46.7	5,718	25.5	851	27.1	1,360	56.2	168	27.5
Low Weight Births (<2,500 Grams)	3,676	8.7	1,903	8.5	496	15.8	228	9.4	75	12.3
Very Low Weight Births (<1,500 Grams)	492	1.2	286	1.3	78	2.5	28	1.2	6	1.0
Prenatal Care Later than 1st Trimester/No Care	5,955	14.4	6,718	30.6	811	26.6	399	16.8	192	32.5
No Prenatal Care	333	0.8	480	2.2	85	2.8	23	1.0	11	1.9
Preterm Births (<37 Weeks)	3,984	9.5	2,051	9.1	474	15.1	220	9.1	70	11.5
Education of Mother <12 Years	3,182	7.6	10,558	47.1	597	19.0	209	8.6	155	25.3
Live Births to Unmarried Women	7,952	18.9	9,245	41.2	1,697	54.0	326	13.5	319	52.1
Smoking During Pregnancy	3,694	8.8	870	3.9	266	8.5	67	2.8	67	11.1

** 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: Colorado residents, 2006

Age Group	Births	Population	Fertility Rate
All Ages	70,737	1015711	69.6
Teen Age Groups			
13-14	111	64,473	1.7
15-17	2,312	97,617	23.7
18-19	4,405	73,879	59.6
10-17	2,424	255,485	9.5
10-19	6,829	329,364	20.7
All Age Groups			
10-14	112	157,868	0.7
15-19	6,717	171,496	39.2
20-24	16,723	173,332	96.5
25-29	19,422	145,833	133.2
30-34	16,820	167,129	100.6
35-39	9,019	174,604	51.7
40-49	1,907	374,226	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: Colorado residents, 1996, 2002-2006

	1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
Total Population	3,902,506	4,520,855	4,584,560	4,649,550	4,718,554	4,812,320	4,657,168
Total Births							
Number	55,779	68,420	69,304	68,475	68,922	70,737	69,172
Birth Rate	14.3	15.1	15.1	14.7	14.6	14.7	14.9
General Fertility Rate	61.2	68.4	69.2	68.3	68.5	69.6	68.8
Age of Mother 10-17							
Number	2,548	2,546	2,418	2,457	2,377	2,424	2,444
Percent of Total Births	4.6	3.7	3.5	3.6	3.4	3.4	3.5
Fertility Rate	12.0	10.2	9.6	9.7	9.4	9.5	9.7
Low Weight Births (<2,500 Grams)							
Number	4,935	6,116	6,272	6,172	6,379	6,379	6,264
Percent	8.8	8.9	9.0	9.0	9.3	9.0	9.1
Prenatal Care Later Than 1st Trimester							
Number	10,292	14,121	14,138	13,296	13,492	14,076	13,825
Percent	18.6	20.9	20.7	19.8	19.9	20.3	20.3
Births to Unmarried Women							
Number	13,844	18,309	18,505	18,823	18,648	19,547	18,766
Percent	24.8	26.8	26.7	27.5	27.1	27.6	27.1
Mother's Education <12 Years							
Number	10,305	15,241	15,389	15,469	14,967	14,702	15,154
Percent	18.7	22.5	22.4	22.8	22.1	21.4	22.2
Infant Deaths							
Number	369	413	419	432	444	404	422
Rate	6.6	6.0	6.0	6.3	6.4	5.7	6.1
Neonatal Deaths							
Number	245	273	304	304	329	309	304
Rate	4.4	4.0	4.4	4.4	4.8	4.4	4.4
Total Deaths							
Number	25,716	29,157	29,410	28,227	29,521	29,413	29,146
Crude Rate	659.0	644.9	641.5	607.1	625.6	611.2	625.8
Age-Adjusted Rate	833.5	806.3	795.9	741.7	759.8	737.3	767.2
Cardiovascular Disease⁰							
Number	8,399	9,325	9,228	8,652	8,845	8,482	8,906
Age-Adjusted Rate	284.9	269.3	261.4	237.8	237.9	221.4	244.9
Heart Disease							
Number	6,595	6,403	6,483	6,047	6,282	6,099	6,263
Age-Adjusted Rate	222.6	183.3	182.0	164.7	167.6	157.8	170.7

(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: Colorado residents, 1996, 2002-2006

	1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
Cerebrovascular Disease							
Number	1,673	1,907	1,806	1,633	1,595	1,525	1,693
Age-Adjusted Rate	57.9	55.9	52.1	45.4	43.6	40.5	47.3
Malignant Neoplasms							
Number	5,656	6,372	6,400	6,185	6,367	6,523	6,369
Age-Adjusted Rate	180.0	173.9	169.6	159.2	159.7	158.8	164.0
Lung Cancer							
Number	1,349	1,544	1,541	1,499	1,523	1,551	1,532
Age-Adjusted Rate	42.9	42.5	41.4	39.0	38.6	38.0	39.8
Breast Cancer							
Number	441	495	509	511	524	493	506
Age-Adjusted Rate	13.6	12.8	12.9	12.4	12.5	11.5	12.4
Total Unintentional Injuries							
Number	1,378	1,803	1,783	1,791	1,928	1,888	1,839
Age-Adjusted Rate	38.2	42.8	41.8	41.6	43.6	42.0	42.3
Motor Vehicle							
Number	667	771	691	691	662	570	677
Age-Adjusted Rate	17.3	17.2	15.2	14.9	13.9	11.7	14.5
Other Unintentional Injuries							
Number	711	1,032	1,092	1,100	1,266	1,318	1,162
Age-Adjusted Rate	20.9	25.7	26.6	26.6	29.7	30.3	27.8
Chronic Lower Respiratory Diseases							
Number	1,653	1,847	1,925	1,899	1,908	1,930	1,902
Age-Adjusted Rate	55.5	53.3	54.3	52.2	51.4	50.4	52.3
Suicide							
Number	692	724	718	792	795	724	751
Age-Adjusted Rate	18.2	16.0	15.7	16.9	16.9	14.9	16.1
Homicide and Legal Intervention							
Number	213	194	202	231	190	188	201
Age-Adjusted Rate	5.2	4.2	4.3	4.8	3.9	3.8	4.2
Work-Related Injury							
Number	80	95	81	82	93	100	90
Age-Adjusted Rate	2.1	2.1	1.7	1.7	1.9	2.0	1.9

* 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: Colorado residents, 2006

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	29,413	100.0	24,789	100.0	3,062	100.0	1,000	100.0	339	100.0	181	100.0
Cardiovascular Disease	8,482	28.8	7,382	29.8	697	22.8	265	26.5	92	27.1	38	21.0
Heart Disease	6,099	20.7	5,340	21.5	499	16.3	170	17.0	54	15.9	30	16.6
Cerebrovascular Disease	1,525	5.2	1,301	5.2	135	4.4	57	5.7	26	7.7	4	2.2
Atherosclerosis	341	1.2	301	1.2	22	0.7	12	1.2	*	*	4	2.2
Malignant Neoplasms	6,523	22.2	5,563	22.4	601	19.6	224	22.4	97	28.6	31	17.1
Lung Cancer	1,551	5.3	1,347	5.4	115	3.8	57	5.7	21	6.2	10	5.5
Breast Cancer	493	1.7	431	1.7	38	1.2	11	1.1	7	2.1	4	2.2
Chronic Lower Respiratory Disease	1,930	6.6	1,736	7.0	122	4.0	54	5.4	10	2.9	7	3.9
Unintentional Injuries	1,888	6.4	1,471	5.9	282	9.2	75	7.5	26	7.7	24	13.3
Motor Vehicle	570	1.9	403	1.6	113	3.7	21	2.1	11	3.2	13	7.2
Other Unintentional Injuries	1,318	4.5	1,068	4.3	169	5.5	54	5.4	15	4.4	11	6.1
Pneumonia and Influenza	609	2.1	527	2.1	54	1.8	16	1.6	6	1.8	4	2.2
Suicide	724	2.5	611	2.5	66	2.2	21	2.1	16	4.7	7	3.9
Diabetes Mellitus	679	2.3	503	2.0	135	4.4	25	2.5	6	1.8	10	5.5
HIV Infection	82	0.3	49	0.2	21	0.7	8	0.8	0	0.0	4	2.2
Chronic Liver Disease and Cirrhosis	458	1.6	321	1.3	117	3.8	11	1.1	*	*	7	3.9
Alzheimer's Disease	1,055	3.6	957	3.9	64	2.1	25	2.5	5	1.5	4	2.2
Nephritis, Nephrosis, Nephrotic Syndrome	462	1.6	380	1.5	55	1.8	19	1.9	5	1.5	3	1.7
Homicide and Legal Intervention	188	0.6	80	0.3	68	2.2	33	3.3	6	1.8	*	*
Septicemia	325	1.1	260	1.0	48	1.6	10	1.0	5	1.5	*	*
Congenital Anomalies	168	0.6	113	0.5	37	1.2	13	1.3	4	1.2	*	*
Perinatal Period Conditions	224	0.8	108	0.4	94	3.1	16	1.6	5	1.5	*	*
All Other	5,616	19.1	4,728	19.1	601	19.6	185	18.5	54	15.9	38	21.0
Injury by Firearm	494	1.7	377	1.5	76	2.5	25	2.5	11	3.2	3	1.7
Drug-Induced Deaths	649	2.2	518	2.1	86	2.8	26	2.6	7	2.1	12	6.6
Alcohol-Induced Deaths	518	1.8	391	1.6	94	3.1	19	1.9	4	1.2	10	5.5
Work-Related Injury (Y/N Check Death Certificate)	100	0.3	81	0.3	11	0.4	5	0.5	*	*	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: Colorado residents, 2006

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	29,413	4,812,320	6.1
Infant	404	70,737	5.7
Neonatal	309	70,737	4.4
1-4	86	281,273	0.3
5-9	31	327,726	0.1
10-14	53	324,094	0.2
15-19	200	352,852	0.6
20-24	325	364,233	0.9
25-29	312	303,742	1.0
30-34	328	349,186	0.9
35-39	407	363,007	1.1
40-44	715	371,827	1.9
45-49	1,045	383,221	2.7
50-54	1,420	348,241	4.1
55-59	1,612	297,680	5.4
60-64	1,748	200,740	8.7
65-69	1,917	140,455	13.6
70-74	2,510	118,991	21.1
75-79	3,472	96,937	35.8
80-84	4,359	64,369	67.7
85+	8,466	54,074	156.6
1-14	170	933,093	0.2
15-24	525	717,085	0.7
25-64	7,587	2,617,645	2.9
65+	20,724	474,826	43.6

** 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: Colorado residents, 2006

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	404	5.7	170	0.2	525	0.7	1,762	1.3	5,825	4.7	20,724	43.6
Cardiovascular Disease	5	0.1	13	0.0	25	0.0	197	0.1	1,303	1.1	6,939	14.6
Heart Disease	3	0.0	8	0.0	21	0.0	154	0.1	1,059	0.9	4,854	10.2
Cerebrovascular Disease	*	*	3	0.0	3	0.0	31	0.0	168	0.1	1,318	2.8
Atherosclerosis	0	0.0	0	0.0	0	0.0	*	*	8	0.0	332	0.7
Malignant Neoplasms	*	*	19	0.0	18	0.0	215	0.2	1,825	1.5	4,444	9.4
Lung Cancer	0	0.0	0	0.0	0	0.0	16	0.0	405	0.3	1,130	2.4
Breast Cancer	0	0.0	0	0.0	0	0.0	34	0.0	187	0.2	272	0.6
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	*	*	14	0.0	246	0.2	1,668	3.5
Unintentional Injuries	16	0.2	47	0.1	217	0.3	515	0.4	485	0.4	605	1.3
Motor Vehicle	5	0.1	27	0.0	134	0.2	185	0.1	145	0.1	71	0.1
Other Unintentional Injuries	11	0.2	20	0.0	83	0.1	330	0.2	340	0.3	534	1.1
Pneumonia and Influenza	4	0.1	5	0.0	5	0.0	19	0.0	64	0.1	512	1.1
Suicide	0	0.0	4	0.0	115	0.2	276	0.2	246	0.2	83	0.2
Diabetes Mellitus	0	0.0	0	0.0	5	0.0	27	0.0	145	0.1	502	1.1
HIV Infection	0	0.0	0	0.0	0	0.0	41	0.0	34	0.0	7	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	*	*	53	0.0	265	0.2	138	0.3
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	*	*	10	0.0	1,044	2.2
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	*	*	*	*	9	0.0	43	0.0	407	0.9
Homicide and Legal Intervention	6	0.1	8	0.0	57	0.1	74	0.1	37	0.0	6	0.0
Septicemia	*	*	5	0.0	3	0.0	7	0.0	57	0.0	251	0.5
Congenital Anomalies	91	1.3	10	0.0	10	0.0	14	0.0	29	0.0	14	0.0
Perinatal Period Conditions	223	3.2	0	0.0	*	*	0	0.0	0	0.0	0	0.0
All Other	55	0.8	58	0.1	63	0.1	300	0.2	1,036	0.8	4,104	8.6
Injury by Firearm	0	0.0	3	0.0	119	0.2	156	0.1	153	0.1	63	0.1
Drug-Induced Deaths	0	0.0	*	*	47	0.1	308	0.2	272	0.2	20	0.0
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	94	0.1	353	0.3	71	0.1
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	10	0.0	39	0.0	41	0.0	10	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:
Colorado residents, 2006**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	29,413	611.2	737.4	729.1	745.6
Cardiovascular Disease	8,482	176.3	221.4	216.7	226.1
Heart Disease	6,099	126.7	157.8	153.8	161.7
Cerebrovascular Disease	1,525	31.7	40.5	38.5	42.6
Atherosclerosis	341	7.1	9.5	8.5	10.5
Malignant Neoplasms	6,523	135.5	158.8	154.9	162.7
Lung Cancer	1,551	32.2	38.0	36.1	39.9
Breast Cancer	493	10.2	11.5	10.4	12.5
Chronic Lower Respiratory Diseases	1,930	40.1	50.4	48.2	52.7
Unintentional Injuries	1,888	39.2	42.1	40.2	44.1
Motor Vehicle	570	11.8	11.8	10.8	12.8
Other Unintentional Injuries	1,292	26.8	29.8	28.1	31.4
Pneumonia and Influenza	609	12.7	16.2	14.9	17.5
Suicide	724	15.0	14.9	13.8	16.0
Diabetes Mellitus	679	14.1	17.0	15.7	18.3
HIV Infection	82	1.7	1.7	1.3	2.1
Chronic Liver Disease and Cirrhosis	458	9.5	9.7	8.8	10.6
Alzheimer's Disease	1,055	21.9	29.7	27.9	31.4
Nephritis, Nephrosis, Nephrotic Syndrome	462	9.6	12.3	11.2	13.5
Homicide and Legal Intervention	188	3.9	3.8	3.3	4.3
Septicemia	325	6.8	8.3	7.4	9.2
Congenital Anomalies	168	3.5	3.4	2.9	3.9
Perinatal Period Conditions	224	4.7	4.4	3.9	5.0
All Other	5,616	116.7	143.1	139.4	146.9
Injury by Firearm	494	10.3	10.2	9.3	11.1
Drug-Induced Deaths	649	13.5	13.1	12.1	14.1
Alcohol-Induced Deaths	518	10.8	10.3	9.4	11.2
Work-Related Injury (Y/N Check Death Certificate)	100	2.1	2.0	1.6	2.4

* 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.