For more information about these tables contact the <u>Health Statistics Section</u> of the Colorado Department of Public Health and Environment at 303.692.2160.

# **Colorado Births and Deaths 2004**

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## Selected birth characteristics: Colorado residents, 2004

Characteristic	Number	Percent
Total Live Births	68,475	100.0
Age of Mother		
10-17	2,457	3.6
18-19	4,416	6.5
20-29	34,517	50.4
30+	27,052	39.5
Low Weight Births (<2,500 Grams)	6,172	9.0
Very Low Weight Births (<1,500 Grams)	889	1.3
Prenatal Care Later than 1st Trimester/No Care	13,296	19.8
No Prenatal Care	763	1.1
Preterm Births (<37 Weeks)	6,736	9.8
Education of Mother <12 Years	15,469	22.6
Live Births to Unmarried Women	18,823	27.5
Smoking During Pregnancy	5,496	8.1

\* 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, 2004

	All A	Ages	10	-17	18	6-19	20	-29	30+	
Characteristic	Number	Percent								
Total Live Births	68,475	100.0	2,457	100.0	4,416	100.0	34,517	100.0	27,052	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	41,174	60.1	686	27.9	1,782	40.4	19,173	55.6	19,513	72.1
White Hispanic	21,289	31.1	1,519	61.8	2,198	49.8	12,274	35.6	5,291	19.6
Black	2,929	4.3	190	7.7	291	6.6	1,657	4.8	790	2.9
Other	3,075	4.5	62	2.5	145	3.3	1,410	4.1	1,455	5.4
Low Weight Births (<2,500 Grams)	6,172	9.0	266	10.8	458	10.4	2,980	8.6	2,465	9.1
Very Low Weight Births (<1,500 Grams)	889	1.3	47	1.9	68	1.5	410	1.2	364	1.3
Prenatal Care Later than 1st Trimester/No Care	13,296	19.8	952	39.5	1,459	33.6	7,455	21.9	3,421	12.9
No Prenatal Care	763	1.1	70	2.9	78	1.8	421	1.2	188	0.7
Preterm Births (<37 Weeks)	6,736	9.8	253	10.3	430	9.7	3,166	9.2	2,881	10.7
Education of Mother <12 Years	15,469	22.6	2,138	87.0	2,106	47.7	8,353	24.2	2,865	10.6
Live Births to Unmarried Women	18,823	27.5	2,148	87.4	3,050	69.1	10,729	31.1	2,883	10.7
Smoking During Pregnancy	5,496	8.1	232	9.5	562	12.8	3,460	10.1	1,240	4.6

\* 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: Colorado residents, 2004

	Wh Non-Hi	ite spanic	White Hispanic			ack	Asian		American Indian		
Characteristic	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Total Live Births	41,174	100.0	21,289	100.0	2,929	100.0	2,480	100.0	595	100.0	
Age of Mother											
10-17	686	1.7	1,519	7.1	190	6.5	28	1.1	34	5.7	
18-19	1,782	4.3	2,198	10.3	291	9.9	79	3.2	66	11.1	
20-29	19,173	46.6	12,274	57.7	1,657	56.6	1,083	43.7	327	55.0	
30+	19,513	47.4	5,291	24.9	790	27.0	1,288	51.9	167	28.1	
Low Weight Births (<2,500 Grams)	3,603	8.8	1,839	8.6	426	14.6	253	10.2	49	8.2	
Very Low Weight Births (<1,500 Grams)	500	1.2	278	1.3	74	2.5	34	1.4	3	0.5	
Prenatal Care Later than 1st Trimester/No Care	5,573	13.8	6,320	30.2	796	28.1	424	17.5	179	31.2	
No Prenatal Care	333	0.8	325	1.6	54	1.9	30	1.2	18	3.1	
Preterm Births (<37 Weeks)	4,072	9.9	1,965	9.2	397	13.6	260	10.5	40	6.7	
Education of Mother <12 Years	3,412	8.3	11,070	52.0	590	20.1	239	9.6	157	26.4	
Live Births to Unmarried Women	7,784	18.9	8,805	41.4	1,562	53.3	338	13.6	330	55.5	
Smoking During Pregnancy	3,953	9.7	1,119	5.3	275	9.4	72	2.9	77	13.0	

\* 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: Colorado residents, 2004

Age Group	Births	Population	Fertility Rate
All Ages	68,475	997,012	68.7
Teen Age Groups			
13-14	99	63,414	1.6
15-17	2,357	94,969	24.8
18-19	4,416	70,893	62.3
10-17	2,457	252,104	9.7
10-19	6,873	322,997	21.3
All Age Groups			
10-14	100	157,136	0.6
15-19	6,773	165,861	40.8
20-24	16,363	155,499	105.2
25-29	18,154	150,639	120.5
30-34	16,764	169,713	98.8
35-39	8,413	167,883	50.1
40-49	1,872	370,875	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: Colorado residents, 1994, 2000-2004

	1994	2000	2001	2002	2003	2004	2000-2004 Annual Average
Total Population	3,712,081	4,339,549	4,445,431	4,520,884	4,585,130		4,507,962
Total Births							
Number	54,050	65,429	67,006	68,420	69,304	68,475	67,727
Birth Rate	14.6	15.1	15.1	15.1	15.1	14.7	15.0
General Fertility Rate	61.2	66.9	67.7	68.7	69.3	68.7	68.3
Age of Mother 10-17							
Number	2,642	2,729	2,452	2,546	2,418	2,457	2,520
Percent of Total Births	4.9	4.2	3.7	3.7	3.5	3.6	3.7
Fertility Rate	13.2	11.3	9.9	10.2	9.6	9.7	10.1
Low Weight Births (<2,500 Grams)							
Number	4,621	5,537	5,765	6,116	6,272	6,172	5,972
Percent	8.5	8.5	8.6	8.9	9.0	9.0	8.8
Prenatal Care Later Than 1st Trimester							
Number	10,239	12,413	13,342	14,121	14,138	13,296	13,462
Percent	19.3	19.3	20.2	20.9	20.7	19.8	20.2
Births to Unmarried Women							
Number	13,492	16,339	16,713	18,309	18,505	18,823	17,738
Percent	25.0	25.0	24.9	26.8	26.7	27.5	26.2
Mother's Education <12 Years							
Number	9,528	13,490	14,499	15,241	15,389	15,469	14,818
Percent	18.0	20.9	21.9	22.5	22.4	22.8	22.1
Infant Deaths							
Number	373	402	387	413	419	432	411
Rate	6.9	6.1	5.8	6.0	6.0	6.3	6.1
Neonatal Deaths							
Number	218	279	288	273	304	304	290
Rate	4.0	4.3	4.3	4.0	4.4	4.4	4.3
Total Deaths							
Number	24,188	27,229	28,243	29,157	29,410	28,227	28,453
Crude Rate	651.6	627.5	635.3	644.9	641.4	607.2	631.2
Age-Adjusted Rate	827.0	783.5	777.9	783.4	785.2	709.6	766.9
Cardiovascular Disease							
Number	7,939	8,929	9,126	9,325	9,228	8,652	9,052
Age-Adjusted Rate	285.5	267.5	262.1	260.7	257.4	226.0	254.1
Heart Disease							

\* 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 county residents, 1994, 2000-2004

							2000-2004
	1994	2000	2001	2002	2003	2004	Annual Average
Number	6,321	6,135	6,271	6,403	6,483	6,047	6,268
Age-Adjusted Rate	225.9	182.3	178.5	177.6	179.3	156.7	174.5
Cerebrovascular Disease							
Number	1,531	1,854	1,821	1,907	1,806	1,633	1,804
Age-Adjusted Rate	56.5	56.5	53.2	54.1	51.3	43.1	51.4
Malignant Neoplasms							
Number	5,419	5,896	6,134	6,372	6,400	6,185	6,197
Age-Adjusted Rate	181.8	167.8	166.6	168.7	167.3	152.4	164.4
Lung Cancer							
Number	1,333	1,426	1,484	1,544	1,541	1,499	1,499
Age-Adjusted Rate	44.4	40.8	40.7	41.2	40.8	37.2	40.1
Breast Cancer							
Number	445	480	468	495	509	511	493
Age-Adjusted Rate	14.5	13.0	12.1	12.5	12.7	12.0	12.5
Total Unintentional Injuries							
Number	1,296	1,715	1,702	1,803	1,783	1,791	1,759
Age-Adjusted Rate	37.8	42.7	40.8	42.4	41.5	40.8	41.6
Motor Vehicle							
Number	636	714	746	771	691	691	723
Age-Adjusted Rate	17.3	16.6	16.8	17.1	15.2	14.8	16.1
Other Unintentional Injuries							
Number	660	1,001	956	1,032	1,092	1,100	1,036
Age-Adjusted Rate	20.5	26.1	24.0	25.3	26.4	25.9	25.5
Chronic Lower Respiratory Diseases							
Number	1,516	1,777	1,829	1,847	1,925	1,899	1,855
Age-Adjusted Rate	53.5	53.2	52.3	51.4	53.4	49.5	51.9
Suicide							
Number	601	612	717	724	718	792	713
Age-Adjusted Rate	16.6	14.1	16.3	16.0	15.7	16.8	15.8
Homicide and Legal Intervention							
Number	205	155	172	194	202	231	191
Age-Adjusted Rate	5.2	3.5	3.8	4.2	4.3	4.8	4.1
Work-Related Injury							
Number	80	102	95	95	81	82	91
Age-Adjusted Rate	2.2	2.3	2.1	2.1	1.7	1.7	2.0

\* 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: Colorado residents, 2004

	All Ra	WhiteWhiteAll RacesNon-HispanicHispanicBlack		A	sian	American Indian						
Cause of Death	N	%	N	%	N	%	N	%	N	%	N	%
Total	28,227	100.0	23,789	100.0	3,029	100.0	956	100.0	314	100.0	135	100.0
Cardiovascular Disease	8,652	30.7	7,542	31.7	712	23.5	281	29.4	85	27.1	32	23.7
Heart Disease	6,047	21.4	5,331	22.4	458	15.1	187	19.6	50	15.9	21	15.6
Cerebrovascular Disease	1,633	5.8	1,364	5.7	175	5.8	59	6.2	26	8.3	9	6.7
Atherosclerosis	445	1.6	398	1.7	30	1.0	14	1.5	*	*	*	*
Malignant Neoplasms	6,185	21.9	5,305	22.3	573	18.9	190	19.9	92	29.3	25	18.5
Lung Cancer	1,499	5.3	1,328	5.6	106	3.5	49	5.1	12	3.8	4	3.0
Breast Cancer	511	1.8	449	1.9	37	1.2	14	1.5	8	2.5	3	2.2
Chronic Lower Respiratory Disease	1,899	6.7	1,749	7.4	110	3.6	25	2.6	10	3.2	5	3.7
Unintentional Injuries	1,791	6.3	1,376	5.8	313	10.3	70	7.3	16	5.1	15	11.1
Motor Vehicle	691	2.4	496	2.1	163	5.4	16	1.7	9	2.9	6	4.4
Other Unintentional Injuries	1,100	3.9	880	3.7	150	5.0	54	5.6	7	2.2	9	6.7
Pneumonia and Influenza	635	2.2	556	2.3	55	1.8	18	1.9	3	1.0	3	2.2
Suicide	792	2.8	655	2.8	94	3.1	23	2.4	14	4.5	6	4.4
Diabetes Mellitus	694	2.5	503	2.1	138	4.6	37	3.9	9	2.9	7	5.2
HIV Infection	88	0.3	62	0.3	13	0.4	11	1.2	*	*	*	*
Chronic Liver Disease and Cirrhosis	421	1.5	287	1.2	112	3.7	10	1.0	5	1.6	7	5.2
Alzheimer's Disease	910	3.2	827	3.5	50	1.7	24	2.5	7	2.2	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	402	1.4	324	1.4	50	1.7	19	2.0	3	1.0	6	4.4
Homicide and Legal Intervention	231	0.8	111	0.5	78	2.6	36	3.8	*	*	4	3.0
Septicemia	300	1.1	236	1.0	47	1.6	13	1.4	4	1.3	0	0.0
Congenital Anomalies	170	0.6	103	0.4	52	1.7	9	0.9	5	1.6	*	*
Perinatal Period Conditions	201	0.7	92	0.4	80	2.6	22	2.3	5	1.6	*	*
All Other	4,856	17.2	4,061	17.1	552	18.2	168	17.6	53	16.9	19	14.1
Injury by Firearm	552	2.0	414	1.7	88	2.9	38	4.0	7	2.2	5	3.7
Drug-Induced Deaths	546	1.9	417	1.8	76	2.5	43	4.5	4	1.3	6	4.4
Alcohol-Induced Deaths	490	1.7	364	1.5	100	3.3	18	1.9	0	0.0	8	5.9
Work-Related Injury (Y/N Check Death Certificate)	82	0.3	63	0.3	18	0.6	*	*	0	0.0	0	0.0

#### Deaths and age-specific death rates: Colorado residents, 2004

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	28,227	4,648,814	6.1
Infant	432	68,475	6.3
Neonatal	304	68,475	4.4
1-4	54	267,388	0.2
5-9	42	312,060	0.1
10-14	56	322,017	0.2
15-19	240	342,486	0.7
20-24	269	329,201	0.8
25-29	290	315,092	0.9
30-34	348	356,215	1.0
35-39	451	346,388	1.3
40-44	739	378,131	2.0
45-49	1,072	367,768	2.9
50-54	1,307	325,081	4.0
55-59	1,467	258,420	5.7
60-64	1,704	179,967	9.5
65-69	1,888	142,589	13.2
70-74	2,462	118,967	20.7
75-79	3,500	95,340	36.7
80-84	4,345	68,074	63.8
85+	7,559	55,044	137.3
1-14	152	901,466	0.2
15-24	509	671,687	0.8
25-64	7,378	2,527,062	2.9
65+	19,754	480,014	41.2

\* 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, 2004

		<1	1	-14	1	5-24	25	-44	45	-64	65	5 <b>+</b>
Cause of Death	N	Rate	Ν	Rate	Ν	Rate	N	Rate	N	Rate	N	Rate
All Causes	432	6.3	152	0.2	509	0.8	1,828	1.3	5,550	4.9	19,754	41.2
Cardiovascular Disease	13	0.2	9	0.0	13	0.0	212	0.2	1,255	1.1	7,149	14.9
Heart Disease	12	0.2	7	0.0	11	0.0	167	0.1	993	0.9	4,856	10.1
Cerebrovascular Disease	*	*	*	*	*	*	35	0.0	195	0.2	1,399	2.9
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	17	0.0	428	0.9
Malignant Neoplasms	0	0.0	18	0.0	16	0.0	222	0.2	1,722	1.5	4,207	8.8
Lung Cancer	0	0.0	0	0.0	0	0.0	21	0.0	378	0.3	1,100	2.3
Breast Cancer	0	0.0	0	0.0	0	0.0	29	0.0	216	0.2	266	0.6
Chronic Lower Respiratory Diseases	*	*	*	*	*	*	15	0.0	250	0.2	1,629	3.4
Unintentional Injuries	13	0.2	46	0.1	246	0.4	482	0.3	434	0.4	570	1.2
Motor Vehicle	*	*	31	0.0	182	0.3	213	0.2	167	0.1	96	0.2
Other Unintentional Injuries	11	0.2	15	0.0	64	0.1	269	0.2	267	0.2	474	1.0
Pneumonia and Influenza	4	0.1	3	0.0	*	*	14	0.0	71	0.1	541	1.1
Suicide	0	0.0	11	0.0	101	0.2	299	0.2	292	0.3	89	0.2
Diabetes Mellitus	0	0.0	*	*	0	0.0	37	0.0	152	0.1	504	1.0
HIV Infection	0	0.0	0	0.0	*	*	39	0.0	45	0.0	3	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	63	0.0	233	0.2	125	0.3
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	11	0.0	899	1.9
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	0	0.0	*	*	11	0.0	49	0.0	339	0.7
Homicide and Legal Intervention	9	0.1	12	0.0	61	0.1	86	0.1	50	0.0	13	0.0
Septicemia	*	*	3	0.0	0	0.0	14	0.0	55	0.0	226	0.5
Congenital Anomalies	102	1.5	7	0.0	8	0.0	18	0.0	17	0.0	18	0.0
Perinatal Period Conditions	201	2.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	85	1.2	40	0.0	58	0.1	316	0.2	914	0.8	3,442	7.2
Injury by Firearm	0	0.0	5	0.0	99	0.1	194	0.1	180	0.2	74	0.2
Drug-Induced Deaths	0	0.0	3	0.0	38	0.1	244	0.2	231	0.2	30	0.1
Alcohol-Induced Deaths	0	0.0	0	0.0	7	0.0	125	0.1	289	0.3	69	0.1
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	3	0.0	33	0.0	37	0.0	9	0.0

## Deaths, crude death rates and age-adjusted death rates with 95% confidence limits from selected causes: Colorado residents, 2004

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	28,227	607.2	709.7	701.6	717.8
Cardiovascular Disease	8,652	186.1	226.0	221.3	230.7
Heart Disease	6,047	130.1	156.7	152.8	160.7
Cerebrovascular Disease	1,633	35.1	43.1	41.0	45.2
Atherosclerosis	445	9.6	12.2	11.1	13.3
Malignant Neoplasms	6,185	133.0	152.4	148.6	156.3
Lung Cancer	1,499	32.2	37.2	35.3	39.1
Breast Cancer	511	11.0	12.0	11.0	13.1
Chronic Lower Respiratory Diseases	1,899	40.8	49.5	47.2	51.7
Unintentional Injuries	1,791	38.5	40.8	38.9	42.7
Motor Vehicle	691	14.9	14.8	13.7	16.0
Other Unintentional Injuries	1,071	23.0	25.3	23.8	26.8
Pneumonia and Influenza	635	13.7	16.8	15.5	18.1
Suicide	792	17.0	16.8	15.7	18.0
Diabetes Mellitus	694	14.9	17.4	16.1	18.7
HIV Infection	88	1.9	1.8	1.5	2.2
Chronic Liver Disease and Cirrhosis	421	9.1	9.3	8.4	10.2
Alzheimer's Disease	910	19.6	25.2	23.6	26.8
Nephritis, Nephrosis, Nephrotic Syndrome	402	8.6	10.6	9.5	11.6
Homicide and Legal Intervention	231	5.0	4.8	4.2	5.5
Septicemia	300	6.5	7.7	6.8	8.5
Congenital Anomalies	170	3.7	3.6	3.0	4.1
Perinatal Period Conditions	201	4.3	4.0	3.5	4.6
All Other	4,856	104.5	123.0	119.5	126.5
Injury by Firearm	552	11.9	11.8	10.8	12.8
Drug-Induced Deaths	546	11.7	11.4	10.5	12.4
Alcohol-Induced Deaths	490	10.5	10.4	9.4	11.3
Work-Related Injury (Y/N Check Death Certificate)	82	1.8	1.7	1.3	2.1

\* 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.