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 2001

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Selected birth characteristics with 95% confidence limit: Colorado residents, 2001

Characteristic	Number	Percent	Lower Limit	Upper Limit
Total Live Births	67,006	100.0	100.0	100.0
Age of Mother				
10-17	2,452	3.7	3.5	3.8
18-19	4,825	7.2	7.0	7.4
20-29	34,204	51.0	50.7	51.4
30+	25,493	38.0	37.7	38.4
Low Weight Births (<2,500 Grams)	5,765	8.6	8.4	8.8
Very Low Weight Births (<1,500 Grams)	850	1.3	1.2	1.4
Prenatal Care Later than 1st Trimester/No Care	13,342	19.9	19.6	20.2
No Prenatal Care	676	1.0	0.9	1.1
Preterm Births (<37 Weeks)	6,038	9.0	8.8	9.2
Education of Mother <12 Years	14,499	21.6	21.3	22.0
Live Births to Unmarried Women	16,713	24.9	24.6	25.3
Smoking During Pregnancy	5,846	8.7	8.5	8.9

Selected birth characteristics by age group of mother: Colorado residents, 2001

	All A	lges	10	-17	18	-19	20	-29	30+	
	Number	Percent								
Characteristic										
Total Live Births	67,006	100.0	2,452	100.0	4,825	100.0	34,204	100.0	25,493	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	41,759	62.3	784	32.0	2,166	44.9	19,522	57.1	19,267	75.6
White Hispanic	19,283	28.8	1,424	58.1	2,147	44.5	11,442	33.5	4,265	16.7
Black	2,968	4.4	172	7.0	330	6.8	1,698	5.0	766	3.0
Other	2,980	4.4	72	2.9	180	3.7	1,535	4.5	1,192	4.7
Low Weight Births (<2,500 Grams)	5,765	8.6	292	11.9	491	10.2	2,774	8.1	2,207	8.7
Very Low Weight Births (<1,500 Grams)	850	1.3	48	2.0	65	1.3	429	1.3	308	1.2
Prenatal Care Later than 1st Trimester/No Care	13,342	20.2	1,035	42.8	1,630	34.3	7,574	22.5	3,095	12.4
No Prenatal Care	676	1.0	62	2.6	89	1.9	369	1.1	153	0.6
Preterm Births (<37 Weeks)	6,038	9.0	275	11.2	449	9.3	2,953	8.6	2,358	9.3
Education of Mother <12 Years	14,499	21.6	2,145	87.5	2,325	48.2	7,791	22.8	2,232	8.8
Live Births to Unmarried Women	16,713	24.9	2,060	84.0	3,055	63.3	9,296	27.2	2,291	9.0
Smoking During Pregnancy	5,846	8.8	292	12.0	715	14.9	3,473	10.2	1,366	5.4

* 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, 2001

	White Non-Hispanic		White I	lispanic	Bla	ick	As	ian	American Indian		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Characteristic											
Total Live Births	41,759	100.0	19,283	100.0	2,968	100.0	2,327	100.0	653	100.0	
Age of Mother											
10-17	784	1.9	1,424	7.4	172	5.8	30	1.3	42	6.4	
18-19	2,166	5.2	2,147	11.1	330	11.1	96	4.1	84	12.9	
20-29	19,522	46.7	11,442	59.3	1,698	57.2	1,150	49.4	385	59.0	
30+	19,267	46.1	4,265	22.1	766	25.8	1,050	45.1	142	21.7	
Low Weight Births (<2,500 Grams)	3,408	8.2	1,631	8.5	423	14.3	245	10.5	57	8.7	
Very Low Weight Births (<1,500 Grams)	474	1.1	264	1.4	76	2.6	29	1.2	7	1.1	
Prenatal Care Later than 1st Trimester/No Care	5,242	12.7	6,656	35.1	788	27.3	415	18.2	241	37.7	
No Prenatal Care	258	0.6	321	1.7	61	2.1	22	1.0	14	2.2	
Preterm Births (<37 Weeks)	3,689	8.8	1,713	8.9	384	12.9	189	8.1	61	9.3	
Education of Mother <12 Years	3,525	8.4	9,981	51.8	565	19.0	247	10.6	180	27.6	
Live Births to Unmarried Women	7,189	17.2	7,415	38.5	1,523	51.3	247	10.6	332	50.8	
Smoking During Pregnancy	4,343	10.5	1,011	5.3	340	11.5	69	3.0	83	12.9	

Live births and fertility rates with 95% confidence limits by age of mother: Colorado residents, 2001

	Births	Population	Fertility Rate	Lower Limit	Upper Limit
Age Group					
All Ages	67,006	988,001	67.8	67.3	68.3
Teenage Group					
13-14	110	61,487	1.8	1.4	2.1
15-17	2,340	92,369	25.3	24.3	26.4
18-19	4,825	64,282	75.1	73.0	77.1
10-17	2,452	247,625	9.9	9.5	10.3
10-19	7,277	311,907	23.3	22.8	23.9
All Age Groups					
10-14	112	155,256	0.7	0.6	0.9
15-19	7,165	156,651	45.7	44.7	46.8
20-24	16,573	144,608	114.6	113.0	116.3
25-29	17,631	155,905	113.1	111.5	114.7
30-34	16,060	164,528	97.6	96.2	99.0
35-39	7,669	177,846	43.1	42.2	44.1
40-49	1,763	363,195	4.9	4.6	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 explanation of confidence limits. Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Vital statistics summary: Colorado residents, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Total Population	3,380,932	3,995,950	4,102,509	4,215,972	4,327,174	4,430,926	4,214,506
Total Births							
Number	53,794	56,505	59,550	62,142	65,429	67,006	62,126
Birth Rate	15.9	14.1	14.5	14.7	15.1	15.1	14.7
General Fertility Rate	65.2	61.1	63.3	64.8	67.1	67.8	64.9
Age of Mother 10-17							
Number	2,342	2,619	2,670	2,685	2,729	2,452	2,631
Percent of Total Births	4.4	4.6	4.5	4.3	4.2	3.7	4.2
Fertility Rate	13.1	12.0	11.8	11.5	11.3	9.9	11.3
Low Weight Births (<2,500 Grams)							
Number	4,406	5,014	5,168	5,233	5,537	5,765	5,343
Percent	8.2	8.9	8.7	8.4	8.5	8.6	8.6
Prenatal Care Later Than 1st Trimester							
Number	11,422	9,594	10,526	11,315	12,413	13,342	11,438
Percent	21.4	17.1	17.8	18.3	19.3	20.2	18.6
Births to Unmarried Women							
Number	12,671	14,252	15,181	15,781	16,339	16,713	15,653
Percent	23.6	25.2	25.5	25.4	25.0	24.9	25.2
Mother's Education <12 Years							
Number	9,912	10,570	11,370	12,324	13,490	14,499	12,451
Percent	18.8	18.9	19.4	20.0	20.9	21.9	20.3
Infant Deaths							
Number	451	397	396	415	402	387	399
Rate	8.4	7.0	6.6	6.7	6.1	5.8	6.4
Neonatal Deaths							
Number	248	265	262	266	279	288	272
Rate	4.6	4.7	4.4	4.3	4.3	4.3	4.4
Total Deaths							
Number	22,534	25,606	26,582	27,033	27,229	28,243	26,939
Crude Rate	666.5	640.8	647.9	641.2	629.3	637.4	639.2
Age-Adjusted Rate	858.1	807.9	815.2	803.6	785.1	799.1	802.0
Cardiovascular Disease							
Number	7,612	8,344	8,461	9,167	8,929	9,126	8,805
Age-Adjusted Rate	306.6	274.1	269.7	284.0	268.1	270.2	273.2
Heart Disease							
Number	6,122	6,519	6,614	6,386	6,135	6,271	6,385
Age-Adjusted Rate	245.2		209.9	196.4	182.6	183.9	196.7
(Continued)	270.2	210.2	200.0	100.4	102.0	100.0	150

(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, 1991, 1997-2001

							1997-2001 Annual
	1991	1997	1998	1999	2000	2001	Average
Cerebrovascular Disease							
Number	1,357	1,704	1,731	1,821	1,854	1,821	1,786
Age-Adjusted Rate	55.8	56.8	56.1	57.2	56.6	55.0	56.3
Malignant Neoplasms							
Number	5,197	5,638	5,798	5,830	5,896	6,134	5,859
Age-Adjusted Rate	194.2	175.1	174.9	170.8	168.1	171.1	171.9
Lung Cancer							
Number	1,257	1,322	1,411	1,362	1,426	1,484	1,401
Age-Adjusted Rate	46.3	41.1	42.9	40.3	40.9	41.9	41.4
Breast Cancer							
Number	504	462	451	486	480	468	469
Age-Adjusted Rate	18.3	13.9	13.0	13.8	13.0	12.4	13.2
Total Unintentional Injuries							
Number	1,145	1,420	1,462	1,506	1,715	1,702	1,561
Age-Adjusted Rate	36.6	38.5	38.8	38.8	42.8	41.3	40.1
Motor Vehicle							
Number	574	637	659	555	714	746	662
Age-Adjusted Rate	17.1	16.3	16.1	13.3	16.7	16.9	15.9
Other Unintentional Injuries							
Number	571	783	803	951	1,001	956	899
Age-Adjusted Rate	19.6	22.2	22.7	25.5	26.1	24.4	24.3
Chronic Lower Respiratory Diseases							
Number	1,506	1,658	1,834	1,890	1,777	1,829	1,798
Age-Adjusted Rate	58.6	54.1	58.1	58.2	53.3	54.0	55.6
Suicide							
Number	562	627	600	567	612	717	625
Age-Adjusted Rate	17.1	15.8	15.1	13.6	14.2	16.4	15.0
Homicide and Legal Intervention							
Number	204	192	184	204	155	172	181
Age-Adjusted Rate	5.8	4.7	4.3	4.6	3.5	3.8	4.2
Work-Related Injury							
Number	92	92	78	78	102	95	89
Age-Adjusted Rate	2.8	2.3	1.9	1.8	2.3	2.1	2.1

* 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, 2001

	All Ra	aces	Wh Non-Hi			nite Danic	B	ack	Asian			rican lian
	N	%	N	%	N	%	N	%	N	%	N	%
Cause of Death												
Total	28,243	100.0	24,102	100.0	2,724	100.0	963	100.0	291	100.0	160	100.0
Cardiovascular Disease	9,126	32.3	8,010	33.2	694	25.5	306	31.8	83	28.5	33	20.6
Heart Disease	6,271	22.2	5,510	22.9	483	17.7	204	21.2	48	16.5	26	16.3
Cerebrovascular Disease	1,821	6.4	1,585	6.6	145	5.3	62	6.4	25	8.6	4	2.5
Atherosclerosis	542	1.9	488	2.0	28	1.0	16	1.7	7	2.4	3	1.9
Malignant Neoplasms	6,134	21.7	5,316	22.1	497	18.2	229	23.8	70	24.1	21	13.1
Lung Cancer	1,484	5.3	1,319	5.5	83	3.0	64	6.6	14	4.8	4	2.5
Breast Cancer	468	1.7	413	1.7	33	1.2	16	1.7	3	1.0	3	1.9
Chronic Lower Respiratory Disease	1,829	6.5	1,702	7.1	85	3.1	27	2.8	6	2.1	9	5.6
Unintentional Injuries	1,702	6.0	1,289	5.3	308	11.3	59	6.1	25	8.6	21	13.1
Motor Vehicle	746	2.6	525	2.2	165	6.1	28	2.9	17	5.8	11	6.9
Other Unintentional Injuries	956	3.4	764	3.2	143	5.2	31	3.2	8	2.7	10	6.3
Pneumonia and Influenza	648	2.3	581	2.4	49	1.8	7	0.7	5	1.7	6	3.8
Suicide	717	2.5	622	2.6	64	2.3	18	1.9	8	2.7	5	3.1
Diabetes Mellitus	666	2.4	482	2.0	138	5.1	33	3.4	8	2.7	5	3.1
HIV Infection	93	0.3	50	0.2	21	0.8	19	2.0	0	0.0	3	1.9
Chronic Liver Disease and Cirrhosis	418	1.5	297	1.2	99	3.6	7	0.7	4	1.4	11	6.9
Alzheimer's Disease	849	3.0	794	3.3	39	1.4	14	1.5	0	0.0	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	391	1.4	305	1.3	52	1.9	26	2.7	7	2.4	*	*
Homicide and Legal Intervention	172	0.6	83	0.3	56	2.1	26	2.7	4	1.4	3	1.9
Septicemia	295	1.0	250	1.0	28	1.0	11	1.1	3	1.0	3	1.9
Congenital Anomalies	142	0.5	93	0.4	35	1.3	8	0.8	5	1.7	*	*
Perinatal Period Conditions	219	0.8	110	0.5	75	2.8	27	2.8	7	2.4	0	0.0
All Other	4,842	17.1	4,118	17.1	484	17.8	146	15.2	56	19.2	36	22.5
Injury by Firearm	509	1.8	416	1.7	60	2.2	28	2.9	3	1.0	*	*
Drug-Induced Deaths	438	1.6	338	1.4	77	2.8	17	1.8	3	1.0	3	1.9
Alcohol-Induced Deaths	505	1.8	373	1.5	99	3.6	13	1.3	3	1.0	17	10.6
Work-Related Injury (Y/N Check Death Certificate)	95	0.3	70	0.3	16	0.6	5	0.5	3	1.0	*	*

* 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 with 95% confidence limits: Colorado residents, 2001

Age Group	Deaths	Population	Age-Specific Death Rate	Lower Limit	Upper Limit
All Ages	28,243	4,430,926	6.4	6.3	6.4
Infant	387	67,006	5.8	5.2	6.4
Neonatal	288	67,006	4.3	3.8	4.8
1-4	72	246,150	0.3	0.2	0.4
5-9	42	311,588	0.1	0.1	0.2
10-14	76	319,038	0.2	0.2	0.3
15-19	224	325,922	0.7	0.6	0.8
20-24	272	307,832	0.9	0.8	1.0
25-29	298	330,329	0.9	0.8	1.0
30-34	376	344,781	1.1	1.0	1.2
35-39	541	362,498	1.5	1.4	1.6
40-44	815	379,785	2.1	2.0	2.3
45-49	984	349,800	2.8	2.6	3.0
50-54	1,194	299,754	4.0	3.8	4.2
55-59	1,219	210,179	5.8	5.5	6.1
60-64	1,455	152,537	9.5	9.0	10.0
65-69	1,934	123,177	15.7	15.0	16.4
70-74	2,770	106,521	26.0	25.0	27.0
75-79	3,666	86,773	42.2	40.9	43.6
80-84	4,140	58,091	71.3	69.2	73.4
85+	7,777	48,962	158.8	155.6	162.1
1-14	190	876,776	0.2	0.2	0.2
15-24	496	633,754	0.8	0.7	0.9
25-64	6,882	2,429,663	2.8	2.8	2.9
65+	20,287	423,524	47.9	47.3	48.5

* 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: Colorado residents, 2001

		<1	1	-14	15	5-25	25	-44	45	-64	65	5 +
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
Cause of Death												
All Causes	387	5.8	190	0.2	496	0.8	2,030	1.4	4,852	4.8	20,287	47.9
Cardiovascular Disease	8	0.1	15	0.0	16	0.0	228	0.2	1,112	1.1	7,746	18.3
Heart Disease	7	0.1	13	0.0	15	0.0	188	0.1	904	0.9	5,143	12.1
Cerebrovascular Disease	*	*	*	*	*	*	27	0.0	139	0.1	1,651	3.9
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	13	0.0	529	1.2
Malignant Neoplasms	3	0.0	17	0.0	20	0.0	293	0.2	1,564	1.5	4,237	10.0
Lung Cancer	0	0.0	0	0.0	0	0.0	24	0.0	372	0.4	1,088	2.6
Breast Cancer	0	0.0	0	0.0	0	0.0	53	0.0	164	0.2	251	0.6
Chronic Lower Respiratory Diseases	0	0.0	*	*	*	*	17	0.0	217	0.2	1,592	3.8
Unintentional Injuries	12	0.2	65	0.1	239	0.4	540	0.4	347	0.3	499	1.2
Motor Vehicle	3	0.0	48	0.1	183	0.3	280	0.2	138	0.1	94	0.2
Other Unintentional Injuries	9	0.1	17	0.0	56	0.1	260	0.2	209	0.2	405	1.0
Pneumonia and Influenza	*	*	*	*	5	0.0	25	0.0	49	0.0	566	1.3
Suicide	0	0.0	13	0.0	94	0.1	274	0.2	223	0.2	113	0.3
Diabetes Mellitus	0	0.0	*	*	4	0.0	34	0.0	132	0.1	494	1.2
HIV Infection	0	0.0	0	0.0	*	*	58	0.0	32	0.0	*	*
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	*	*	91	0.1	202	0.2	124	0.3
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	5	0.0	844	2.0
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	13	0.0	58	0.1	320	0.8
Homicide and Legal Intervention	3	0.0	15	0.0	53	0.1	71	0.1	25	0.0	5	0.0
Septicemia	4	0.1	3	0.0	*	*	14	0.0	55	0.1	217	0.5
Congenital Anomalies	69	1.0	15	0.0	5	0.0	17	0.0	24	0.0	12	0.0
Perinatal Period Conditions	217	3.2	*	*	0	0.0	0	0.0	0	0.0	0	0.0
All Other	70	1.0	40	0.0	54	0.1	355	0.3	807	0.8	3,516	8.3
Injury by Firearm	0	0.0	14	0.0	85	0.1	182	0.1	140	0.1	88	0.2
Drug-Induced Deaths	0	0.0	0	0.0	34	0.1	232	0.2	142	0.1	30	0.1
Alcohol-Induced Deaths	0	0.0	0	0.0	*	*	148	0.1	261	0.3	95	0.2
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	*	*	12	0.0	45	0.0	25	0.0	12	0.0

* indicates one or two events in the category. Crude death rates are calculated without age adjustment. 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, 2001

	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
Cause of Death					
All Causes	28,243	637.4	799.1	790.1	808.2
Cardiovascular Disease	9,126	206.0	270.3	264.8	275.7
Heart Disease	6,271	141.5	183.9	179.4	188.4
Cerebrovascular Disease	1,821	41.1	55.0	52.4	57.5
Atherosclerosis	542	12.2	16.8	15.4	18.2
Malignant Neoplasms	6,134	138.4	171.1	166.8	175.4
Lung Cancer	1,484	33.5	41.9	39.7	44.0
Breast Cancer	468	10.6	12.4	11.3	13.5
Chronic Lower Respiratory Diseases	1,829	41.3	54.0	51.6	56.5
Unintentional Injuries	1,702	38.4	41.3	39.3	43.3
Motor Vehicle	746	16.8	16.9	15.7	18.1
Other Unintentional Injuries	932	21.0	23.9	22.3	25.5
Pneumonia and Influenza	648	14.6	19.4	17.9	20.9
Suicide	717	16.2	16.4	15.2	17.6
Diabetes Mellitus	666	15.0	18.9	17.5	20.3
HIV Infection	93	2.1	2.0	1.6	2.4
Chronic Liver Disease and Cirrhosis	418	9.4	10.2	9.2	11.1
Alzheimer's Disease	849	19.2	26.5	24.8	28.3
Nephritis, Nephrosis, Nephrotic Syndrome	391	8.8	11.4	10.3	12.6
Homicide and Legal Intervention	172	3.9	3.8	3.2	4.3
Septicemia	295	6.7	8.4	7.4	9.4
Congenital Anomalies	142	3.2	3.1	2.6	3.6
Perinatal Period Conditions	219	4.9	4.5	3.9	5.1
All Other	4,842	109.3	137.8	133.9	141.7
Injury by Firearm	509	11.5	11.7	10.7	12.7
Drug-Induced Deaths	438	9.9	9.6	8.7	10.5
Alcohol-Induced Deaths	505	11.4	11.8	10.7	12.8
Work-Related Injury (Y/N Check Death Certificate)	95	2.1	2.1	1.7	2.6

* 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.