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 2002

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Selected birth characteristics: Colorado residents, 2002

Characteristic	Number	Percent
Total Live Births	68,420	100.0
Age of Mother		
10-17	2,546	3.7
18-19	4,799	7.0
20-29	35,089	51.3
30+	25,968	38.0
Low Weight Births (<2,500 Grams)	6,116	8.9
Very Low Weight Births (<1,500 Grams)	901	1.3
Prenatal Care Later than 1st Trimester/No Care	14,121	20.6
No Prenatal Care	649	0.9
Preterm Births (<37 Weeks)	6,429	9.4
Education of Mother <12 Years	15,241	22.3
Live Births to Unmarried Women	18,309	26.8
Smoking During Pregnancy	5,622	8.2

Selected birth characteristics by age group of mother: Colorado residents, 2002

	All A	lges	10	-17	18	-19	20	-29	30+		
Characteristic	Number	Percent									
Total Live Births	68,420	100.0	2,546	100.0	4,799	100.0	35,089	100.0	25,968	100.0	
Race/Ethnicity of Mother											
White Non-Hispanic	41,870	61.2	767	30.1	2,087	43.5	19,621	55.9	19,385	74.7	
White Hispanic	20,553	30.0	1,508	59.2	2,271	47.3	12,197	34.8	4,572	17.6	
Black	2,932	4.3	187	7.3	311	6.5	1,723	4.9	710	2.7	
Other	3,054	4.5	84	3.3	130	2.7	1,541	4.4	1,299	5.0	
Low Weight Births (<2,500 Grams)	6,116	8.9	260	10.2	531	11.1	2,937	8.4	2,385	9.2	
Very Low Weight Births (<1,500 Grams)	901	1.3	39	1.5	90	1.9	442	1.3	329	1.3	
Prenatal Care Later than 1st Trimester/No Care	14,121	20.9	1,137	45.3	1,695	35.8	8,036	23.2	3,250	12.7	
No Prenatal Care	649	1.0	61	2.4	84	1.8	362	1.0	140	0.5	
Preterm Births (<37 Weeks)	6,429	9.4	271	10.6	495	10.3	3,040	8.7	2,621	10.1	
Education of Mother <12 Years	15,241	22.3	2,250	88.4	2,368	49.3	8,227	23.4	2,395	9.2	
Live Births to Unmarried Women	18,309	26.8	2,175	85.4	3,185	66.4	10,360	29.5	2,580	9.9	
Smoking During Pregnancy	5,622	8.2	265	10.4	636	13.4	3,405	9.7	1,315	5.1	

Selected birth characteristics by race/ethnicity of mother: Colorado residents, 2002

	Wh Non-Hi		White H	lispanic	Bla	ack	As	ian	American Indian		
Characteristic	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Total Live Births	41,870	100.0	20,553	100.0	2,932	100.0	2,396	100.0	658	100.0	
Age of Mother											
10-17	767	1.8	1,508	7.3	187	6.4	47	2.0	37	5.6	
18-19	2,087	5.0	2,271	11.0	311	10.6	68	2.8	62	9.4	
20-29	19,621	46.9	12,197	59.3	1,723	58.8	1,166	48.7	375	57.0	
30+	19,385	46.3	4,572	22.2	710	24.2	1,115	46.5	184	28.0	
Low Weight Births (<2,500 Grams)	3,638	8.7	1,741	8.5	428	14.6	241	10.1	66	10.0	
Very Low Weight Births (<1,500 Grams)	502	1.2	263	1.3	84	2.9	39	1.6	13	2.0	
Prenatal Care Later than 1st Trimester/No Care	5,695	13.8	6,911	34.1	852	29.7	443	18.8	217	33.7	
No Prenatal Care	276	0.7	290	1.4	51	1.8	21	0.9	11	1.7	
Preterm Births (<37 Weeks)	3,913	9.4	1,884	9.2	352	12.0	219	9.1	61	9.3	
Education of Mother <12 Years	3,493	8.3	10,728	52.2	574	19.6	273	11.4	172	26.1	
Live Births to Unmarried Women	7,600	18.2	8,479	41.3	1,588	54.2	318	13.3	316	48.0	
Smoking During Pregnancy	4,133	9.9	992	4.8	312	10.7	89	3.7	96	14.7	

Live births and fertility rates by age group of mother: Colorado residents, 2002

Age Group	Births	Population	Fertility Rate
All Ages	68,420	999,250	68.5
Teen Age Groups			
13-14	105	62,152	1.7
15-17	2,439	94,004	25.9
18-19	4,799	68,493	70.1
10-17	2,546	251,074	10.1
10-19	7,345	319,567	23.0
All Age Groups			
10-14	107	157,070	0.7
15-19	7,238	162,497	44.5
20-24	16,749	146,997	113.9
25-29	18,340	156,256	117.4
30-34	16,261	169,466	96.0
35-39	7,867	174,132	45.2
40-49	1,833	368,701	5.0

Vital statistics summary: Colorado residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Total Population		4,102,509					4,317,729
Total Births	0,100,000	1,102,000	1,210,012	1,021,111	1,100,020	1,012,000	1,011,120
Number	54,530	59,550	62,142	65,429	67,006	68,420	64,509
Birth Rate	15.6	14.5	14.7	15.1	15.1	15.2	14.9
General Fertility Rate	64.6	63.3	64.8	67.1	67.8	68.5	66.4
Age of Mother 10-17							
Number	2,549	2,670	2,685	2,729	2,452	2,546	2,616
Percent of Total Births	4.7	4.5	4.3	4.2	3.7	3.7	4.1
Fertility Rate	13.8	11.8	11.5	11.3	9.9	10.1	10.9
Low Weight Births (<2,500 Grams)							
Number	4,639	5,168	5,233	5,537	5,765	6,116	5,564
Percent	8.5	8.7	8.4	8.5	8.6	8.9	8.6
Prenatal Care Later Than 1st Trimester							
Number	11,270	10,526	11,315	12,413	13,342	14,121	12,343
Percent	21.0	17.8	18.3	19.3	20.2	20.9	19.4
Births to Unmarried Women							
Number	12,967	15,181	15,781	16,339	16,713	18,309	16,465
Percent	23.8	25.5	25.4	25.0	24.9	26.8	25.5
Mother's Education <12 Years							
Number	9,606	11,370	12,324	13,490	14,499	15,241	13,385
Percent	18.2	19.4	20.0	20.9	21.9	22.5	21.0
Infant Deaths							
Number	414	396	415	402	387	413	403
Rate	7.6	6.6	6.7	6.1	5.8	6.0	6.2
Neonatal Deaths							
Number	230	262	266	279	288	273	274
Rate	4.2	4.4	4.3	4.3	4.3	4.0	4.2
Total Deaths							
Number	22,426	26,582	27,033	27,229	28,243	29,157	27,649
Crude Rate	642.6	647.9	641.2	629.3	637.4	646.2	640.4
Age-Adjusted Rate	822.7	815.2	803.6	785.1	799.1	812.8	803.1
Cardiovascular Disease							
Number	7,701	8,461	9,167	8,929	9,126	9,325	9,002
Age-Adjusted Rate	298.7	269.7	284.0	268.1	270.2	271.8	272.7
Heart Disease							
Number	6,161	6,614	6,386	6,135	6,271	6,403	6,362
Age-Adjusted Rate	237.6	209.9	196.4	182.6	183.9	184.9	191.2
Cerebrovascular Disease							
Number	1,422	1,731	1,821	1,854	1,821	1,907	1,827

(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 10,000 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, 1992, 1998-2002 (continued)

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Age-Adjusted Rate	56.5	56.1	57.2	56.6	55.0	56.5	56.3
Malignant Neoplasms							
Number	4,947	5,798	5,830	5,896	6,134	6,372	6,006
Age-Adjusted Rate	178.2	174.9	170.8	168.1	171.1	175.0	172.0
Lung Cancer							
Number	1,204	1,411	1,362	1,426	1,484	1,544	1,445
Age-Adjusted Rate	42.7	42.9	40.3	40.9	41.9	42.8	41.7
Breast Cancer							
Number	433	451	486	480	468	495	476
Age-Adjusted Rate	15.2	13.0	13.8	13.0	12.4	12.9	13.0
Total Unintentional Injuries							
Number	1,109	1,462	1,506	1,715	1,702	1,803	1,638
Age-Adjusted Rate	34.0	38.8	38.8	42.8	41.3	43.0	41.0
Motor Vehicle							
Number	552	659	555	714	746	771	689
Age-Adjusted Rate	15.8	16.1	13.3	16.7	16.9	17.2	16.1
Other Unintentional Injuries							
Number	557	803	951	1,001	956	1,032	949
Age-Adjusted Rate	18.2	22.7	25.5	26.1	24.4	25.8	25.0
Chronic Lower Respiratory Diseases							
Number	1,407	1,834	1,890	1,777	1,829	1,847	1,835
Age-Adjusted Rate	52.6	58.1	58.2	53.3	54.0	53.7	55.4
Suicide							
Number	595	600	567	612	717	724	644
Age-Adjusted Rate	17.4	15.1	13.6	14.2	16.4	16.1	15.1
Homicide and Legal Intervention							
Number	217	184	204	155	172	194	182
Age-Adjusted Rate	6.0	4.3	4.6	3.5	3.8	4.2	4.1
Work-Related Injury							
Number	90	78	78	102	95	95	90
Age-Adjusted Rate	2.5	1.9	1.8	2.3	2.1	2.1	2.1

Deaths from selected causes by race/ethnicity: Colorado residents, 2002

	All Races		Wh Non-His		White Hispanic		Black		Asian		American Indian	
Cause of Death	N	%	N	%	N	%	N	%	N	%	N	%
Total	29,157	100.0	24,854	100.0	2,846	100.0	1,021	100.0	282	100.0	143	100.0
Cardiovascular Disease	9,325	32.0	8,239	33.1	657	23.1	300	29.4	92	32.6	34	23.8
Heart Disease	6,403	22.0	5,664	22.8	452	15.9	208	20.4	52	18.4	24	16.8
Cerebrovascular Disease	1,907	6.5	1,670	6.7	139	4.9	60	5.9	32	11.3	6	4.2
Atherosclerosis	503	1.7	448	1.8	37	1.3	12	1.2	*	*	4	2.8
Malignant Neoplasms	6,372	21.9	5,523	22.2	540	19.0	205	20.1	77	27.3	26	18.2
Lung Cancer	1,544	5.3	1,369	5.5	103	3.6	56	5.5	10	3.5	6	4.2
Breast Cancer	495	1.7	446	1.8	30	1.1	15	1.5	4	1.4	0	0.0
Chronic Lower Respiratory Disease	1,847	6.3	1,688	6.8	105	3.7	40	3.9	9	3.2	4	2.8
Unintentional Injuries	1,803	6.2	1,400	5.6	309	10.9	68	6.7	13	4.6	13	9.1
Motor Vehicle	771	2.6	559	2.2	177	6.2	22	2.2	9	3.2	4	2.8
Other Unintentional Injuries	1,032	3.5	841	3.4	132	4.6	46	4.5	4	1.4	9	6.3
Pneumonia and Influenza	748	2.6	652	2.6	69	2.4	18	1.8	6	2.1	*	*
Suicide	724	2.5	614	2.5	76	2.7	16	1.6	9	3.2	8	5.6
Diabetes Mellitus	657	2.3	461	1.9	139	4.9	41	4.0	9	3.2	7	4.9
HIV Infection	105	0.4	71	0.3	19	0.7	13	1.3	0	0.0	*	*
Chronic Liver Disease and Cirrhosis	414	1.4	294	1.2	106	3.7	10	1.0	0	0.0	4	2.8
Alzheimer's Disease	953	3.3	881	3.5	50	1.8	18	1.8	3	1.1	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	415	1.4	326	1.3	61	2.1	18	1.8	10	3.5	0	0.0
Homicide and Legal Intervention	194	0.7	94	0.4	59	2.1	33	3.2	3	1.1	4	2.8
Septicemia	278	1.0	241	1.0	22	0.8	11	1.1	*	*	*	*
Congenital Anomalies	156	0.5	97	0.4	47	1.7	9	0.9	*	*	*	*
Perinatal Period Conditions	191	0.7	78	0.3	73	2.6	34	3.3	3	1.1	3	2.1
All Other	4,975	17.1	4,195	16.9	514	18.1	187	18.3	44	15.6	32	22.4
 Injury by Firearm	516	1.8	397	1.6	70	2.5	38	3.7	5	1.8	6	4.2
Drug-Induced Deaths	472	1.6	367	1.5	68	2.4	33	3.2	0	0.0	4	2.8
Alcohol-Induced Deaths	510	1.7	365	1.5	111	3.9	23	2.3	*	*	10	7.0
Work-Related Injury (Y/N Check Death Certificate)	95	0.3	76	0.3	15	0.5	4	0.4	*	*	*	*

Deaths and age-specific death rates: Colorado residents, 2002

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	29,157	4,512,066	6.5
Infant	413	68,420	6.0
Neonatal	273	68,420	4.0
1-4	76	253,276	0.3
5-9	45	312,272	0.1
10-14	66	322,275	0.2
15-19	233	337,039	0.7
20-24	287	312,126	0.9
25-29	276	329,367	0.8
30-34	335	355,798	0.9
35-39	507	356,379	1.4
40-44	801	382,885	2.1
45-49	1,102	357,804	3.1
50-54	1,262	310,659	4.1
55-59	1,365	225,924	6.0
60-64	1,585	160,471	9.9
65-69	1,915	125,199	15.3
70-74	2,791	107,115	26.1
75-79	3,678	86,656	42.4
80-84	4,341	59,882	72.5
85+	8,078	49,175	164.3
1-14	187	887,823	0.2
15-24	520	649,165	0.8
25-64	7,233	2,479,287	2.9
65+	20,803	428,027	48.6

Deaths and age-specific death rates from selected causes: Colorado residents, 2002

		<1	1	-14	15	5-24	25	-44	45-	·64	65	i +
Cause of Death	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Causes	413	6.0	187	0.2	520	0.8	1,919	1.3	5,314	5.0	20,803	48.6
Cardiovascular Disease	8	0.1	7	0.0	16	0.0	205	0.1	1,320	1.3	7,769	18.2
Heart Disease	6	0.1	4	0.0	14	0.0	153	0.1	1,051	1.0	5,175	12.1
Cerebrovascular Disease	*	*	3	0.0	*	*	37	0.0	190	0.2	1,673	3.9
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	9	0.0	494	1.2
Malignant Neoplasms	*	*	22	0.0	20	0.0	246	0.2	1,642	1.6	4,440	10.4
Lung Cancer	0	0.0	0	0.0	*	*	21	0.0	382	0.4	1,140	2.7
Breast Cancer	0	0.0	0	0.0	0	0.0	37	0.0	194	0.2	264	0.6
Chronic Lower Respiratory Diseases	0	0.0	*	*	4	0.0	18	0.0	241	0.2	1,582	3.7
Unintentional Injuries	10	0.1	71	0.1	259	0.4	513	0.4	432	0.4	518	1.2
Motor Vehicle	*	*	41	0.0	199	0.3	257	0.2	173	0.2	100	0.2
Other Unintentional Injuries	9	0.1	30	0.0	60	0.1	256	0.2	259	0.2	418	1.0
Pneumonia and Influenza	*	*	6	0.0	0	0.0	19	0.0	68	0.1	653	1.5
Suicide	0	0.0	9	0.0	103	0.2	292	0.2	224	0.2	96	0.2
Diabetes Mellitus	0	0.0	0	0.0	*	*	42	0.0	153	0.1	460	1.1
HIV Infection	0	0.0	0	0.0	0	0.0	56	0.0	44	0.0	5	0.0
Chronic Liver Disease and Cirrhosis	*	*	*	*	0	0.0	74	0.1	201	0.2	137	0.3
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	*	*	7	0.0	945	2.2
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	0	0.0	0	0.0	19	0.0	47	0.0	348	0.8
Homicide and Legal Intervention	8	0.1	10	0.0	50	0.1	83	0.1	34	0.0	9	0.0
Septicemia	3	0.0	*	*	0	0.0	12	0.0	45	0.0	216	0.5
Congenital Anomalies	84	1.2	13	0.0	7	0.0	17	0.0	17	0.0	18	0.0
Perinatal Period Conditions	191	2.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	104	1.5	44	0.0	59	0.1	322	0.2	839	0.8	3,607	8.4
Injury by Firearm	0	0.0	8	0.0	105	0.2	194	0.1	141	0.1	68	0.2
Drug-Induced Deaths	*	*	*	*	33	0.1	227	0.2	178	0.2	30	0.1
Alcohol-Induced Deaths	0	0.0	0	0.0	*	*	128	0.1	287	0.3	93	0.2
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	8	0.0	34	0.0	39	0.0	14	0.0

Deaths, crude death rates and age-adjusted death rates with 95% confidence limits for selected causes: Colorado residents, 2002

Cause of Death	N	Crude Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	29,157	646.2	812.8	803.8	821.9
Cardiovascular Disease	9,325	206.7	271.8	266.3	277.2
Heart Disease	6,403	141.9	184.9	180.4	189.4
Cerebrovascular Disease	1,907	42.3	56.5	53.9	59.0
Atherosclerosis	503	11.1	15.5	14.2	16.9
Malignant Neoplasms	6,372	141.2	175.0	170.7	179.3
Lung Cancer	1,544	34.2	42.8	40.6	44.9
Breast Cancer	495	11.0	12.9	11.7	14.0
Chronic Lower Respiratory Diseases	1,847	40.9	53.7	51.3	56.2
Unintentional Injuries	1,803	40.0	43.0	41.0	45.0
Motor Vehicle	771	17.1	17.2	16.0	18.4
Other Unintentional Injuries	996	22.1	25.0	23.4	26.6
Pneumonia and Influenza	748	16.6	22.2	20.6	23.8
Suicide	724	16.0	16.1	14.9	17.3
Diabetes Mellitus	657	14.6	18.1	16.7	19.5
HIV Infection	105	2.3	2.3	1.8	2.7
Chronic Liver Disease and Cirrhosis	414	9.2	9.9	9.0	10.9
Alzheimer's Disease	953	21.1	29.6	27.7	31.5
Nephritis, Nephrosis, Nephrotic Syndrome	415	9.2	12.1	10.9	13.2
Homicide and Legal Intervention	194	4.3	4.2	3.6	4.7
Septicemia	278	6.2	7.9	7.0	8.8
Congenital Anomalies	156	3.5	3.4	2.9	3.9
Perinatal Period Conditions	191	4.2	3.9	3.3	4.4
All Other	4,975	110.3	139.7	135.8	143.6
Injury by Firearm	516	11.4	11.4	10.4	12.4
Drug-Induced Deaths	472	10.5	10.2	9.3	11.1
Alcohol-Induced Deaths	510	11.3	11.6	10.6	12.6
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.