

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

Adams County Births and Deaths 2003

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Selected birth characteristics: Adams county residents, 2003

Characteristic	Number	Percent
Total Live Births	7,369	100.0
Age of Mother		
10-17	340	4.6
18-19	608	8.3
20-29	4,175	56.7
30+	2,241	30.4
Low Weight Births (<2,500 Grams)	629	8.5
Very Low Weight Births (<1,500 Grams)	100	1.4
Prenatal Care Later than 1st Trimester/No Care	1,716	23.7
No Prenatal Care	80	1.1
Preterm Births (<37 Weeks)	666	9.0
Education of Mother <12 Years	2,365	32.1
Live Births to Unmarried Women	2,388	32.4
Smoking During Pregnancy	610	8.3

** 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 age group of mother: Adams county residents, 2003

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	7,369	100.0	340	100.0	608	100.0	4,175	100.0	2,241	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	3,386	45.9	82	24.1	203	33.4	1,851	44.3	1,247	55.6
White Hispanic	3,456	46.9	235	69.1	367	60.4	2,059	49.3	793	35.4
Black	178	2.4	15	4.4	22	3.6	92	2.2	49	2.2
Other	349	4.7	8	2.4	16	2.6	173	4.1	152	6.8
Low Weight Births (<2,500 Grams)	629	8.5	40	11.8	53	8.7	343	8.2	192	8.6
Very Low Weight Births (<1,500 Grams)	100	1.4	8	2.4	7	1.2	50	1.2	35	1.6
Prenatal Care Later than 1st Trimester/No Care	1,716	23.7	144	43.4	184	30.8	1,007	24.5	379	17.2
No Prenatal Care	80	1.1	6	1.8	11	1.8	39	0.9	23	1.0
Preterm Births (<37 Weeks)	666	9.0	42	12.4	56	9.2	354	8.5	212	9.5
Education of Mother <12 Years	2,365	32.1	291	85.6	320	52.6	1,329	31.8	423	18.9
Live Births to Unmarried Women	2,388	32.4	301	88.5	401	66.0	1,352	32.4	332	14.8
Smoking During Pregnancy	610	8.3	32	9.5	79	13.0	358	8.6	140	6.3

* 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: Adams county residents, 2003

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	3,386	100.0	3,456	100.0	178	100.0	299	100.0	50	100.0
Age of Mother										
10-17	82	2.4	235	6.8	15	8.4	7	2.3	*	*
18-19	203	6.0	367	10.6	22	12.4	10	3.3	6	12.0
20-29	1,851	54.7	2,059	59.6	92	51.7	143	47.8	30	60.0
30+	1,247	36.8	793	22.9	49	27.5	139	46.5	13	26.0
Low Weight Births (<2,500 Grams)	290	8.6	282	8.2	25	14.0	31	10.4	*	*
Very Low Weight Births (<1,500 Grams)	48	1.4	45	1.3	5	2.8	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	482	14.4	1,117	33.0	38	22.1	62	20.9	17	34.0
No Prenatal Care	31	0.9	41	1.2	4	2.3	0	0.0	4	8.0
Preterm Births (<37 Weeks)	313	9.2	302	8.7	22	12.4	29	9.7	0	0.0
Education of Mother <12 Years	437	12.9	1,827	52.9	44	24.7	46	15.4	11	22.0
Live Births to Unmarried Women	828	24.5	1,400	40.5	96	53.9	39	13.0	25	50.0
Smoking During Pregnancy	452	13.4	114	3.3	22	12.4	6	2.0	16	32.7

* 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 of each race/ethnicity group, 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.

Live births and fertility rates by age group of mother: Adams county residents, 2003

Age Group	Births	Population	Fertility Rate
All Ages	7,369	86,818	84.9
Teen Age Groups			
13-14	20	5,684	3.5
15-17	320	8,123	39.4
18-19	608	5,388	112.8
10-17	340	22,742	15.0
10-19	948	28,130	33.7
All Age Groups			
10-14	20	14,619	1.4
15-19	928	13,511	68.7
20-24	2,160	13,224	163.3
25-29	2,015	14,310	140.8
30-34	1,530	15,522	98.6
35-39	596	14,973	39.8
40-49	115	28,473	4.0

** 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: Adams county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Total Population	290,777	355,305	366,967	378,053	375,380	384,490	372,039
Total Births							
Number	4,963	6,552	6,979	7,309	7,369	7,369	7,116
Birth Rate	17.1	18.4	19.0	19.3	19.6	19.2	19.1
General Fertility Rate	70.4	79.0	81.9	83.7	86.1	84.9	83.2
Age of Mother 10-17							
Number	334	383	372	344	360	340	360
Percent of Total Births	6.7	5.8	5.3	4.7	4.9	4.6	5.1
Fertility Rate	20.1	18.5	17.4	15.5	16.3	15.0	16.5
Low Weight Births (<2,500 Grams)							
Number	456	530	574	647	704	629	617
Percent	9.2	8.1	8.2	8.9	9.6	8.5	8.7
Prenatal Care Later Than 1st Trimester							
Number	1,251	1,381	1,493	1,541	1,706	1,716	1,567
Percent	25.9	21.3	22.1	21.7	23.7	23.7	22.5
Births to Unmarried Women							
Number	1,617	2,036	2,111	2,178	2,475	2,388	2,238
Percent	32.6	31.1	30.2	29.8	33.6	32.4	31.4
Mother's Education <12 Years							
Number	1,116	1,723	1,873	2,095	2,341	2,365	2,079
Percent	23.7	26.8	27.6	29.2	32.3	32.5	29.8
Infant Deaths							
Number	43	51	42	53	50	48	49
Rate	8.7	7.8	6.0	7.3	6.8	6.5	6.9
Neonatal Deaths							
Number	18	32	26	40	36	37	34
Rate	3.6	4.9	3.7	5.5	4.9	5.0	4.8
Total Deaths							
Number	1,771	2,107	2,124	2,255	2,251	2,284	2,204
Crude Rate	609.1	593.0	578.8	596.5	599.7	594.0	592.5
Age-Adjusted Rate	971.4	937.0	899.5	922.7	904.5	887.3	909.3
Cardiovascular Disease							
Number	575	714	646	677	677	680	679
Age-Adjusted Rate	352.9	347.9	299.2	305.5	297.5	293.6	307.9
Heart Disease							
Number	459	477	469	472	483	506	481
Age-Adjusted Rate	279.1	227.9	214.3	206.2	207.8	215.9	214.2

(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: Adams county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Cerebrovascular Disease							
Number	107	125	116	109	111	104	113
Age-Adjusted Rate	67.6	62.0	54.9	50.9	49.9	45.5	52.4
Malignant Neoplasms							
Number	397	443	462	521	505	478	482
Age-Adjusted Rate	204.9	189.8	187.7	205.1	195.3	177.4	190.9
Lung Cancer							
Number	112	116	114	143	137	129	128
Age-Adjusted Rate	57.4	49.3	44.7	57.3	53.0	49.0	50.7
Breast Cancer							
Number	38	34	44	47	39	29	39
Age-Adjusted Rate	18.3	13.4	16.5	16.8	13.6	10.1	14.0
Total Unintentional Injuries							
Number	95	101	155	141	142	143	136
Age-Adjusted Rate	35.0	33.7	47.6	43.7	42.8	40.2	41.6
Motor Vehicle							
Number	49	36	60	66	59	63	57
Age-Adjusted Rate	16.6	10.4	15.9	17.7	16.2	16.0	15.3
Other Unintentional Injuries							
Number	46	65	95	75	83	80	80
Age-Adjusted Rate	18.3	23.3	31.7	26.0	26.6	24.2	26.3
Chronic Lower Respiratory Diseases							
Number	137	162	178	178	163	171	170
Age-Adjusted Rate	78.9	75.2	81.6	77.8	67.5	69.2	74.1
Suicide							
Number	56	35	55	66	61	60	55
Age-Adjusted Rate	19.7	10.8	16.2	18.2	16.9	16.7	15.8
Homicide and Legal Intervention							
Number	23	22	23	15	18	29	21
Age-Adjusted Rate	7.3	5.6	5.7	3.5	4.6	7.4	5.4
Work-Related Injury							
Number	4	6	7	7	10	11	8
Age-Adjusted Rate	1.3	1.6	1.7	1.8	2.6	3.1	2.2

* 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: Adams county residents, 2003

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	2,284	100.0	1,776	100.0	365	100.0	72	100.0	52	100.0	16	100.0
Cardiovascular Disease	680	29.8	571	32.2	73	20.0	19	26.4	14	26.9	*	*
Heart Disease	506	22.2	435	24.5	51	14.0	12	16.7	7	13.5	*	*
Cerebrovascular Disease	104	4.6	77	4.3	17	4.7	4	5.6	4	7.7	*	*
Atherosclerosis	37	1.6	30	1.7	4	1.1	*	*	*	*	0	0.0
Malignant Neoplasms	478	20.9	372	20.9	79	21.6	12	16.7	11	21.2	*	*
Lung Cancer	129	5.6	106	6.0	13	3.6	5	6.9	*	*	*	*
Breast Cancer	29	1.3	24	1.4	5	1.4	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	171	7.5	153	8.6	11	3.0	3	4.2	3	5.8	*	*
Unintentional Injuries	143	6.3	91	5.1	42	11.5	4	5.6	5	9.6	*	*
Motor Vehicle	63	2.8	37	2.1	23	6.3	*	*	*	*	0	0.0
Other Unintentional Injuries	80	3.5	54	3.0	19	5.2	3	4.2	3	5.8	*	*
Pneumonia and Influenza	55	2.4	46	2.6	4	1.1	*	*	3	5.8	*	*
Suicide	60	2.6	46	2.6	10	2.7	*	*	*	*	*	*
Diabetes Mellitus	57	2.5	38	2.1	14	3.8	3	4.2	*	*	*	*
HIV Infection	5	0.2	3	0.2	*	*	*	*	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	41	1.8	27	1.5	12	3.3	*	*	0	0.0	0	0.0
Alzheimer's Disease	46	2.0	43	2.4	*	*	*	*	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	48	2.1	34	1.9	9	2.5	*	*	3	5.8	0	0.0
Homicide and Legal Intervention	29	1.3	8	0.5	16	4.4	3	4.2	0	0.0	*	*
Septicemia	28	1.2	22	1.2	5	1.4	0	0.0	*	*	0	0.0
Congenital Anomalies	16	0.7	6	0.3	7	1.9	*	*	*	*	0	0.0
Perinatal Period Conditions	28	1.2	8	0.5	20	5.5	0	0.0	0	0.0	0	0.0
All Other	399	17.5	308	17.3	60	16.4	18	25.0	8	15.4	5	31.3
Injury by Firearm	41	1.8	25	1.4	12	3.3	3	4.2	0	0.0	*	*
Drug-Induced Deaths	48	2.1	34	1.9	9	2.5	3	4.2	*	*	*	*
Alcohol-Induced Deaths	48	2.1	35	2.0	8	2.2	4	5.6	0	0.0	*	*
Work-Related Injury (Y/N Check Death Certificate)	11	0.5	7	0.4	4	1.1	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: Adams county residents, 2003

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	2,284	384,490	5.9
Infant	48	7,369	6.5
Neonatal	37	7,369	5.0
1-4	24	25,460	0.9
5-9	6	30,313	0.2
10-14	9	29,517	0.3
15-19	25	27,741	0.9
20-24	33	28,141	1.2
25-29	31	30,069	1.0
30-34	35	32,699	1.1
35-39	46	31,049	1.5
40-44	74	31,636	2.3
45-49	90	27,180	3.3
50-54	108	22,682	4.8
55-59	129	17,642	7.3
60-64	144	12,954	11.1
65-69	174	10,068	17.3
70-74	248	8,222	30.2
75-79	329	6,180	53.2
80-84	269	3,852	69.8
85+	462	2,787	165.8
1-14	39	85,290	0.5
15-24	58	55,882	1.0
25-64	657	205,910	3.2
65+	1,482	31,108	47.6

* 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 by age group: Adams county residents, 2003

Cause of Death	<1		1-14		15-25		25-44		45-64		65+	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Causes	48	6.5	39	0.5	58	1.0	186	1.5	471	5.9	1,482	47.6
Cardiovascular Disease	0	0.0	*	*	3	0.1	19	0.2	105	1.3	551	17.7
Heart Disease	0	0.0	*	*	*	*	17	0.1	85	1.1	400	12.9
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	15	0.2	88	2.8
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	36	1.2
Malignant Neoplasms	0	0.0	3	0.0	4	0.1	25	0.2	145	1.8	301	9.7
Lung Cancer	0	0.0	0	0.0	0	0.0	3	0.0	33	0.4	93	3.0
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	12	0.1	16	0.5
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	*	*	*	*	26	0.3	142	4.6
Unintentional Injuries	0	0.0	15	0.2	20	0.4	53	0.4	33	0.4	22	0.7
Motor Vehicle	0	0.0	9	0.1	16	0.3	26	0.2	9	0.1	3	0.1
Other Unintentional Injuries	0	0.0	6	0.1	4	0.1	27	0.2	24	0.3	19	0.6
Pneumonia and Influenza	0	0.0	*	*	*	*	*	*	6	0.1	45	1.4
Suicide	0	0.0	*	*	12	0.2	21	0.2	17	0.2	9	0.3
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	18	0.2	37	1.2
HIV Infection	0	0.0	0	0.0	0	0.0	3	0.0	*	*	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	9	0.1	19	0.2	13	0.4
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	46	1.5
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	4	0.0	6	0.1	38	1.2
Homicide and Legal Intervention	0	0.0	5	0.1	11	0.2	7	0.1	4	0.0	*	*
Septicemia	0	0.0	0	0.0	0	0.0	*	*	8	0.1	18	0.6
Congenital Anomalies	11	1.5	*	*	*	*	0	0.0	*	*	*	*
Perinatal Period Conditions	28	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	9	1.2	9	0.1	5	0.1	38	0.3	81	1.0	257	8.3
Injury by Firearm	0	0.0	0	0.0	11	0.2	12	0.1	10	0.1	8	0.3
Drug-Induced Deaths	0	0.0	0	0.0	5	0.1	26	0.2	16	0.2	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	12	0.1	30	0.4	6	0.2
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	*	*	*	*	7	0.1	*	*

* 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:
Adams county residents, 2003**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	2,284	594.0	887.3	851.2	923.5
Cardiovascular Disease	680	176.9	293.6	271.4	315.8
Heart Disease	506	131.6	215.9	196.8	234.9
Cerebrovascular Disease	104	27.0	45.5	36.6	54.4
Atherosclerosis	37	9.6	18.2	12.3	24.2
Malignant Neoplasms	478	124.3	177.4	161.1	193.7
Lung Cancer	129	33.6	49.0	40.4	57.7
Breast Cancer	29	7.5	10.1	6.3	13.9
Chronic Lower Respiratory Diseases	171	44.5	69.2	58.6	79.7
Unintentional Injuries	143	37.2	40.2	33.3	47.0
Motor Vehicle	63	16.4	16.0	12.0	20.0
Other Unintentional Injuries	77	20.0	23.3	17.8	28.8
Pneumonia and Influenza	55	14.3	24.6	17.9	31.2
Suicide	60	15.6	16.7	12.4	21.0
Diabetes Mellitus	57	14.8	21.6	15.8	27.4
HIV Infection	5	1.3	1.3	0.0	0.1
Chronic Liver Disease and Cirrhosis	41	10.7	12.8	8.8	16.8
Alzheimer's Disease	46	12.0	23.8	16.9	30.6
Nephritis, Nephrosis, Nephrotic Syndrome	48	12.5	21.2	15.1	27.4
Homicide and Legal Intervention	29	7.5	7.4	4.6	10.2
Septicemia	28	7.3	10.6	6.6	14.6
Congenital Anomalies	16	4.2	3.9	1.9	6.0
Perinatal Period Conditions	28	7.3	6.1	3.9	8.4
All Other	399	103.8	157.0	141.1	172.9
Injury by Firearm	41	10.7	11.7	8.0	15.4
Drug-Induced Deaths	48	12.5	12.4	8.9	15.9
Alcohol-Induced Deaths	48	12.5	13.7	9.7	17.6
Work-Related Injury (Y/N Check Death Certificate)	11	2.9	3.1	0.0	0.2

** 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.