

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

Logan County Births and Deaths 2003

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Selected birth characteristics: Logan county residents, 2003

Characteristic	Number	Percent
Total Live Births	276	100.0
Age of Mother		
10-17	9	3.3
18-19	39	14.1
20-29	163	59.1
30+	65	23.6
Low Weight Births (<2,500 Grams)	13	4.7
Very Low Weight Births (<1,500 Grams)	*	*
Prenatal Care Later than 1st Trimester/No Care	65	23.6
No Prenatal Care	0	0.0
Preterm Births (<37 Weeks)	12	4.3
Education of Mother <12 Years	52	18.8
Live Births to Unmarried Women	89	32.2
Smoking During Pregnancy	52	19.5

* 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.cdph.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: Logan 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	276	100.0	9	100.0	39	100.0	163	100.0	65	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	221	80.1	6	66.7	29	74.4	132	81.0	54	83.1
White Hispanic	47	17.0	3	33.3	9	23.1	25	15.3	10	15.4
Black	*	*	0	0.0	0	0.0	0	0.0	*	*
Other	7	2.5	0	0.0	*	*	6	3.7	0	0.0
Low Weight Births (<2,500 Grams)	13	4.7	*	*	*	*	9	5.5	*	*
Very Low Weight Births (<1,500 Grams)	*	*	0	0.0	0	0.0	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	65	23.6	4	44.4	11	28.2	30	18.5	20	30.8
No Prenatal Care	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	12	4.3	0	0.0	*	*	7	4.3	3	4.6
Education of Mother <12 Years	52	18.8	8	88.9	12	30.8	28	17.2	4	6.2
Live Births to Unmarried Women	89	32.2	8	88.9	28	71.8	40	24.5	13	20.0
Smoking During Pregnancy	52	19.5	3	33.3	7	20.0	32	20.1	10	15.9

* 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: Logan 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	221	100.0	47	100.0	*	*	*	*	5	100.0
Age of Mother										
10-17	6	2.7	3	6.4	0	0.0	0	0.0	0	0.0
18-19	29	13.1	9	19.1	0	0.0	0	0.0	*	*
20-29	132	59.7	25	53.2	0	0.0	*	*	4	80.0
30+	54	24.4	10	21.3	*	*	0	0.0	0	0.0
Low Weight Births (<2,500 Grams)	11	5.0	*	*	0	0.0	0	0.0	0	0.0
Very Low Weight Births (<1,500 Grams)	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	43	19.5	19	40.4	*	*	0	0.0	*	*
No Prenatal Care	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	11	5.0	*	*	0	0.0	0	0.0	0	0.0
Education of Mother <12 Years	33	14.9	18	38.3	0	0.0	0	0.0	*	*
Live Births to Unmarried Women	60	27.1	25	53.2	0	0.0	*	*	3	60.0
Smoking During Pregnancy	42	19.9	7	14.9	*	*	0	0.0	*	*

* 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: Logan county residents, 2003

Age Group	Births	Population	Fertility Rate
All Ages	276	4,142	66.6
Teen Age Groups			
13-14	0	289	0.0
15-17	9	442	20.4
18-19	39	293	133.1
10-17	9	1,171	7.7
10-19	48	1,464	32.8
All Age Groups			
10-14	0	729	0.0
15-19	48	735	65.3
20-24	87	766	113.6
25-29	76	577	131.7
30-34	40	598	66.9
35-39	23	668	34.4
40-49	*	1,597	*

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

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Total Population	17,959	20,287	20,869	21,923	21,914	21,919	21,382
Total Births							
Number	233	265	257	260	263	276	264
Birth Rate	13.0	13.1	12.3	11.9	12.0	12.6	12.4
General Fertility Rate	64.2	69.2	66.0	63.1	62.7	66.6	65.5
Age of Mother 10-17							
Number	14	24	15	12	10	9	14
Percent of Total Births	6.0	9.1	5.8	4.6	3.8	3.3	5.3
Fertility Rate	13.6	20.4	12.3	9.7	8.4	7.7	11.7
Low Weight Births (<2,500 Grams)							
Number	24	16	15	18	23	13	17
Percent	10.3	6.0	5.8	6.9	8.7	4.7	6.4
Prenatal Care Later Than 1st Trimester							
Number	48	93	82	60	59	65	72
Percent	20.7	35.1	31.9	23.2	22.7	23.6	27.3
Births to Unmarried Women							
Number	72	86	67	84	95	89	84
Percent	30.9	32.5	26.1	32.3	36.1	32.2	31.9
Mother's Education <12 Years							
Number	41	55	42	43	50	52	48
Percent	17.6	20.8	16.5	16.8	19.2	19.1	18.5
Infant Deaths							
Number	*	*	3	4	0	*	*
Rate	*	*	11.7	15.4	0.0	*	*
Neonatal Deaths							
Number	*	*	*	3	0	*	*
Rate	*	*	*	11.5	0.0	*	*
Total Deaths							
Number	138	198	188	206	199	209	200
Crude Rate	768.4	976.0	900.9	939.7	908.1	953.5	935.3
Age-Adjusted Rate	675.3	852.8	783.5	853.1	838.1	880.3	842.2
Cardiovascular Disease							
Number	55	90	80	72	64	72	76
Age-Adjusted Rate	266.5	383.5	323.7	289.0	265.9	298.8	312.2
Heart Disease							
Number	50	72	56	53	49	47	55
Age-Adjusted Rate	243.0	304.4	225.2	212.5	203.7	194.6	228.0

(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: Logan county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Cerebrovascular Disease							
Number	5	13	18	12	9	19	14
Age-Adjusted Rate	23.5	57.2	73.7	48.5	36.8	78.7	58.9
Malignant Neoplasms							
Number	29	36	35	42	39	39	38
Age-Adjusted Rate	139.0	156.6	147.4	179.2	169.1	168.4	164.8
Lung Cancer							
Number	3	9	9	15	10	11	11
Age-Adjusted Rate	13.8	39.1	39.7	63.6	43.2	47.0	46.6
Breast Cancer							
Number	3	*	*	4	*	5	*
Age-Adjusted Rate	16.1	*	*	17.3	*	21.2	*
Total Unintentional Injuries							
Number	10	13	8	9	11	12	11
Age-Adjusted Rate	53.1	60.4	34.4	39.9	46.2	52.1	46.3
Motor Vehicle							
Number	6	9	4	6	*	8	6
Age-Adjusted Rate	32.0	41.5	17.9	27.3	*	35.4	25.9
Other Unintentional Injuries							
Number	4	4	4	3	9	4	5
Age-Adjusted Rate	21.0	18.9	16.5	12.6	37.6	16.7	20.4
Chronic Lower Respiratory Diseases							
Number	13	12	13	19	16	14	15
Age-Adjusted Rate	61.3	51.2	54.2	78.0	68.4	58.7	62.5
Suicide							
Number	*	*	3	3	6	4	3
Age-Adjusted Rate	*	*	14.0	13.5	27.7	17.8	15.8
Homicide and Legal Intervention							
Number	0	0	0	*	0	0	*
Age-Adjusted Rate	0.0	0.0	0.0	*	0.0	0.0	*
Work-Related Injury							
Number	0	*	*	0	0	0	*
Age-Adjusted Rate	0.0	*	*	0.0	0.0	0.0	*

* 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: Logan county residents, 2003

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	209	100.0	197	100.0	9	100.0	0	0.0	*	*	*	*
Cardiovascular Disease	72	34.4	71	36.0	*	*	0	0.0	0	0.0	0	0.0
Heart Disease	47	22.5	46	23.4	*	*	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	19	9.1	19	9.6	0	0.0	0	0.0	0	0.0	0	0.0
Atherosclerosis	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	39	18.7	37	18.8	0	0.0	0	0.0	*	*	*	*
Lung Cancer	11	5.3	11	5.6	0	0.0	0	0.0	0	0.0	0	0.0
Breast Cancer	5	2.4	4	2.0	0	0.0	0	0.0	*	*	0	0.0
Chronic Lower Respiratory Disease	14	6.7	14	7.1	0	0.0	0	0.0	0	0.0	0	0.0
Unintentional Injuries	12	5.7	10	5.1	*	*	0	0.0	0	0.0	0	0.0
Motor Vehicle	8	3.8	7	3.6	*	*	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	4	1.9	3	1.5	*	*	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	8	3.8	8	4.1	0	0.0	0	0.0	0	0.0	0	0.0
Suicide	4	1.9	4	2.0	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	5	2.4	5	2.5	0	0.0	0	0.0	0	0.0	0	0.0
HIV Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	*	*	0	0.0	0	0.0	0	0.0	0	0.0	*	*
Alzheimer's Disease	4	1.9	4	2.0	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	3	1.4	3	1.5	0	0.0	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
All Other	44	21.1	38	19.3	6	66.7	0	0.0	0	0.0	0	0.0
Injury by Firearm	3	1.4	3	1.5	0	0.0	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	3	1.4	*	*	*	*	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	*	*	0	0.0	0	0.0	0	0.0	0	0.0	*	*
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	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: Logan county residents, 2003

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	209	21,919	9.5
Infant	*	276	*
Neonatal	*	276	*
1-4	0	1,134	0.0
5-9	0	1,486	0.0
10-14	0	1,503	0.0
15-19	*	1,444	*
20-24	*	1,698	*
25-29	*	1,405	*
30-34	3	1,501	2.0
35-39	0	1,571	0.0
40-44	3	1,822	1.6
45-49	*	1,751	*
50-54	*	1,433	*
55-59	7	1,094	6.4
60-64	15	905	16.6
65-69	14	751	18.6
70-74	20	696	28.7
75-79	24	601	39.9
80-84	35	459	76.3
85+	76	397	191.4
1-14	0	4,123	0.0
15-24	4	3,142	1.3
25-64	34	11,482	3.0
65+	169	2,904	58.2

* 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 by age group: Logan 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	*	*	0	0.0	4	1.3	8	1.3	26	5.0	169	58.2
Cardiovascular Disease	*	*	0	0.0	0	0.0	0	0.0	6	1.2	65	22.4
Heart Disease	*	*	0	0.0	0	0.0	0	0.0	3	0.6	43	14.8
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	17	5.9
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	*	*
Malignant Neoplasms	0	0.0	0	0.0	0	0.0	*	*	10	1.9	27	9.3
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	3	0.6	8	2.8
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	1.7
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	3	0.6	11	3.8
Unintentional Injuries	0	0.0	0	0.0	*	*	3	0.5	*	*	5	1.7
Motor Vehicle	0	0.0	0	0.0	*	*	*	*	*	*	3	1.0
Other Unintentional Injuries	0	0.0	0	0.0	0	0.0	*	*	*	*	*	*
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	2.8
Suicide	0	0.0	0	0.0	*	*	*	*	*	*	0	0.0
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	1.7
HIV Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	*	*	0	0.0	0	0.0
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	1.4
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	1.0
Homicide and Legal Intervention	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	*	*	0	0.0
Congenital Anomalies	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	*	*
Perinatal Period Conditions	*	*	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	0	0.0	0	0.0	*	*	*	*	*	*	40	13.8
Injury by Firearm	0	0.0	0	0.0	0	0.0	*	*	*	*	0	0.0
Drug-Induced Deaths	0	0.0	0	0.0	*	*	*	*	*	*	0	0.0
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	*	*	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	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:
Logan county residents, 2003**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	209	953.5	880.3	765.6	994.9
Cardiovascular Disease	72	328.5	298.8	231.2	366.5
Heart Disease	47	214.4	194.6	139.7	249.5
Cerebrovascular Disease	19	86.7	78.7	43.5	114.0
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	39	177.9	168.4	115.7	221.1
Lung Cancer	11	50.2	47.0	14.6	26.4
Breast Cancer	5	22.8	21.2	5.5	13.4
Chronic Lower Respiratory Diseases	14	63.9	58.7	28.0	89.3
Unintentional Injuries	12	54.7	52.1	22.6	81.7
Motor Vehicle	8	36.5	35.4	10.9	21.4
Other Unintentional Injuries	4	18.2	16.7	3.9	10.9
Pneumonia and Influenza	8	36.5	33.5	9.5	19.5
Suicide	4	18.2	17.8	4.6	12.1
Diabetes Mellitus	5	22.8	20.8	5.2	13.0
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	*	*	*	*	*
Alzheimer's Disease	4	18.2	16.3	3.6	10.4
Nephritis, Nephrosis, Nephrotic Syndrome	3	13.7	13.0	3.0	9.3
Homicide and Legal Intervention	0	0.0	0.0	0.0	0.0
Septicemia	*	*	*	*	*
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*
All Other	44	200.7	181.9	128.8	235.0
Injury by Firearm	3	13.7	13.4	3.2	9.7
Drug-Induced Deaths	3	13.7	13.3	3.1	9.6
Alcohol-Induced Deaths	*	*	*	*	*
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0.0	0.0	0.0

** 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.