

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 2005

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Selected birth characteristics: Logan county residents, 2005

Characteristic	Number	Percent
Total Live Births	223	100.0
Age of Mother		
10-17	9	4.0
18-19	23	10.3
20-29	127	57.0
30+	64	28.7
Low Weight Births (<2,500 Grams)	14	6.3
Very Low Weight Births (<1,500 Grams)	3	1.3
Prenatal Care Later than 1st Trimester/No Care	50	22.7
No Prenatal Care	0	0.0
Preterm Births (<37 Weeks)	15	6.7
Education of Mother <12 Years	37	16.6
Live Births to Unmarried Women	73	32.7
Smoking During Pregnancy	33	15.0

** 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, 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: Logan county residents, 2005

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	223	100.0	9	100.0	23	100.0	127	100.0	64	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	173	77.6	4	44.4	18	78.3	101	79.5	50	78.1
White Hispanic	42	18.8	4	44.4	5	21.7	23	18.1	10	15.6
Black	*	*	0	0.0	0	0.0	*	*	*	*
Other	6	2.7	*	*	0	0.0	*	*	3	4.7
Low Weight Births (<2,500 Grams)	14	6.3	0	0.0	4	17.4	6	4.7	4	6.3
Very Low Weight Births (<1,500 Grams)	3	1.3	0	0.0	*	*	0	0.0	*	*
Prenatal Care Later than 1st Trimester/No Care	50	22.7	3	33.3	5	22.7	29	23.2	13	20.3
No Prenatal Care	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	15	6.7	0	0.0	4	17.4	7	5.5	4	6.3
Education of Mother <12 Years	37	16.6	9	100.0	15	65.2	10	7.9	3	4.7
Live Births to Unmarried Women	73	32.7	8	88.9	16	69.6	40	31.5	9	14.1
Smoking During Pregnancy	33	15.0	0	0.0	6	27.3	21	16.7	6	9.4

** 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: Logan county residents, 2005

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	173	100.0	42	100.0	*	*	3	100.0	3	100.0
Age of Mother										
10-17	4	2.3	4	9.5	0	0.0	0	0.0	*	*
18-19	18	10.4	5	11.9	0	0.0	0	0.0	0	0.0
20-29	101	58.4	23	54.8	*	*	*	*	*	*
30+	50	28.9	10	23.8	*	*	*	*	*	*
Low Weight Births (<2,500 Grams)	12	6.9	*	*	0	0.0	0	0.0	*	*
Very Low Weight Births (<1,500 Grams)	*	*	*	*	0	0.0	0	0.0	*	*
Prenatal Care Later than 1st Trimester/No Care	36	21.1	12	29.3	*	*	*	*	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	6.4	3	7.1	0	0.0	0	0.0	*	*
Education of Mother <12 Years	18	10.4	18	42.9	0	0.0	0	0.0	*	*
Live Births to Unmarried Women	51	29.5	17	40.5	*	*	*	*	3	100.0
Smoking During Pregnancy	28	16.4	4	9.5	0	0.0	0	0.0	*	*

** 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: Logan county residents, 2005

Age Group	Births	Population	Fertility Rate
All Ages	223	4,038	55.2
Teen Age Groups			
13-14	0	278	0.0
15-17	9	395	22.8
18-19	23	281	81.9
10-17	9	1,102	8.2
10-19	32	1,383	23.1
All Age Groups			
10-14	0	707	0.0
15-19	32	676	47.3
20-24	71	763	93.1
25-29	56	594	94.3
30-34	46	623	73.8
35-39	16	615	26.0
40-49	*	1,549	*

** 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, 1995, 2001-2005

	1995	2001	2002	2003	2004	2005	2001-2005 Annual Average
Total Population	19,372	21,927	21,919	21,916	21,826	21,597	21,837
Total Births							
Number	265	260	263	276	240	223	252
Birth Rate	13.7	11.9	12.0	12.6	11.0	10.3	11.6
General Fertility Rate	69.3	62.8	62.8	66.9	58.6	55.2	61.3
Age of Mother 10-17							
Number	25	12	10	9	11	9	10
Percent of Total Births	9.4	4.6	3.8	3.3	4.6	4.0	4.0
Fertility Rate	22.4	9.7	8.4	7.6	9.7	8.2	8.7
Low Weight Births (<2,500 Grams)							
Number	20	18	23	13	12	14	16
Percent	7.5	6.9	8.7	4.7	5.0	6.3	6.3
Prenatal Care Later Than 1st Trimester							
Number	87	60	59	65	55	50	58
Percent	33.0	23.2	22.7	23.6	23.0	22.7	23.1
Births to Unmarried Women							
Number	88	84	95	89	89	73	86
Percent	33.2	32.3	36.1	32.2	37.1	32.7	34.1
Mother's Education <12 Years							
Number	44	43	50	52	49	37	46
Percent	16.8	16.8	19.2	19.1	21.2	17.0	18.7
Infant Deaths							
Number	0	4	0	*	*	3	*
Rate	0.0	15.4	0.0	*	*	13.5	*

(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, 1995, 2001-2005

	1995	2001	2002	2003	2004	2005	2001-2005 Annual Average
Neonatal Deaths							
Number	0	3	0	*	*	*	*
Rate	0.0	11.5	0.0	*	*	*	*
Total Deaths							
Number	181	206	199	209	194	217	205
Crude Rate	934.3	939.5	907.9	953.6	888.8	1004.8	938.8
Age-Adjusted Rate	820.7	864.4	827.7	867.0	805.4	909.9	854.4
Cardiovascular Disease							
Number	78	72	64	72	61	77	69
Age-Adjusted Rate	349.6	293.7	262.2	293.7	250.5	314.7	283.3
Heart Disease							
Number	59	53	49	47	37	57	49
Age-Adjusted Rate	267.8	215.8	200.7	191.2	152.6	231.8	198.8
Cerebrovascular Disease							
Number	16	12	9	19	14	16	14
Age-Adjusted Rate	68.9	49.4	36.3	77.4	57.8	66.4	57.5
Malignant Neoplasms							
Number	38	42	39	39	37	40	39
Age-Adjusted Rate	172.2	181.5	167.1	166.1	156.3	170.1	167.8
Lung Cancer							
Number	7	15	10	11	8	11	11
Age-Adjusted Rate	32.7	64.5	42.4	46.2	34.3	46.9	46.8
Breast Cancer							
Number	4	4	*	5	4	0	*

(Continued)

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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, 1995, 2001-2005

	1995	2001	2002	2003	2004	2005	2001-2005 Annual Average
Age-Adjusted Rate	19.0	17.4	*	20.7	17.4	0.0	*
Total Unintentional Injuries							
Number	4	9	11	12	12	19	13
Age-Adjusted Rate	20.8	40.0	45.6	51.8	52.5	82.7	54.7
Motor Vehicle							
Number	*	6	*	8	6	9	6
Age-Adjusted Rate	*	27.2	*	35.2	26.7	40.4	27.7
Other Unintentional Injuries							
Number	*	3	9	4	6	10	6
Age-Adjusted Rate	*	12.8	37.1	16.6	25.7	42.3	27.0
Chronic Lower Respiratory Diseases							
Number	20	19	16	14	11	20	16
Age-Adjusted Rate	89.3	79.2	67.6	57.9	45.1	83.4	66.6
Suicide							
Number	*	3	6	4	4	3	4
Age-Adjusted Rate	*	13.6	27.6	17.8	18.1	13.4	18.1
Homicide and Legal Intervention							
Number	0	*	0	0	*	0	*
Age-Adjusted Rate	0.0	*	0.0	0.0	*	0.0	*
Work-Related Injury							
Number	*	0	0	0	*	*	*
Age-Adjusted Rate	*	0.0	0.0	0.0	*	*	*

** indicates one or two events in the category.*

Birth rates are per 1,000 total population.

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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, 2005

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	217	100.0	211	100.0	6	100.0	0	0.0	0	0.0	0	0.0
Cardiovascular Disease	77	35.5	75	35.5	*	*	0	0.0	0	0.0	0	0.0
Heart Disease	57	26.3	55	26.1	*	*	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	16	7.4	16	7.6	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	40	18.4	40	19.0	0	0.0	0	0.0	0	0.0	0	0.0
Lung Cancer	11	5.1	11	5.2	0	0.0	0	0.0	0	0.0	0	0.0
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	20	9.2	20	9.5	0	0.0	0	0.0	0	0.0	0	0.0
Unintentional Injuries	19	8.8	18	8.5	*	*	0	0.0	0	0.0	0	0.0
Motor Vehicle	9	4.1	9	4.3	0	0.0	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	10	4.6	9	4.3	*	*	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	7	3.2	5	2.4	*	*	0	0.0	0	0.0	0	0.0
Suicide	3	1.4	3	1.4	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	7	3.2	7	3.3	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	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	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	37	17.1	37	17.5	0	0.0	0	0.0	0	0.0	0	0.0
Injury by Firearm	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0

(Continued)

** 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 from selected causes by race/ethnicity: Logan county residents, 2005

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Drug-Induced Deaths	5	2.3	4	1.9	*	*	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	*	*	*	*	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, 2005

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	217	21,597	10.0
Infant	3	223	13.5
Neonatal	*	223	*
1-4	0	1,089	0.0
5-9	0	1,459	0.0
10-14	0	1,490	0.0
15-19	0	1,351	0.0
20-24	*	1,558	*
25-29	*	1,449	*
30-34	*	1,497	*
35-39	*	1,476	*
40-44	3	1,760	1.7
45-49	8	1,747	4.6
50-54	8	1,505	5.3
55-59	7	1,187	5.9
60-64	10	888	11.3
65-69	11	777	14.2
70-74	16	688	23.3
75-79	31	633	49.0
80-84	38	417	91.1
85+	75	403	186.1
1-14	0	4,038	0.0
15-24	*	2,909	*
25-64	41	11,509	3.6
65+	171	2,918	58.6

** 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: Logan county residents, 2005

Cause of Death	<1		1-14		15-24		25-44		45-64		65+	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Causes	3	13.5	0	0.0	*	*	8	1.3	33	6.2	171	58.6
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	10	1.9	67	23.0
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	8	1.5	49	16.8
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	14	4.8
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	*	*	6	1.1	33	11.3
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	*	*	9	3.1
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	*	*	18	6.2
Unintentional Injuries	0	0.0	0	0.0	*	*	4	0.6	9	1.7	5	1.7
Motor Vehicle	0	0.0	0	0.0	*	*	4	0.6	3	0.6	*	*
Other Unintentional Injuries	0	0.0	0	0.0	0	0.0	0	0.0	6	1.1	4	1.4
Pneumonia and Influenza	*	*	0	0.0	0	0.0	0	0.0	*	*	5	1.7
Suicide	0	0.0	0	0.0	0	0.0	*	*	*	*	*	*
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	*	*	6	2.1
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	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	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	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	0	0.0
All Other	0	0.0	0	0.0	*	*	*	*	*	*	33	11.3
Injury by Firearm	0	0.0	0	0.0	0	0.0	0	0.0	*	*	*	*

(Continued)

** 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 and age-specific death rates from selected causes: Logan county residents, 2005

Cause of Death	<1		1-14		15-24		25-44		45-64		65+	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
Drug-Induced Deaths	0	0.0	0	0.0	0	0.0	*	*	4	0.8	0	0.0
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	0	0.0	*	*	*	*
Work-Related Injury	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, 2005**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	217	1,004.8	909.9	793.3	1,026.5
Cardiovascular Disease	77	356.5	314.7	245.9	383.5
Heart Disease	57	263.9	231.8	172.7	291.0
Cerebrovascular Disease	16	74.1	66.4	33.9	98.8
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	40	185.2	170.1	117.6	222.5
Lung Cancer	11	50.9	46.9	22.5	80.3
Breast Cancer	0	0.0	0.0	0.0	0.0
Chronic Lower Respiratory Diseases	20	92.6	83.4	46.9	119.9
Unintentional Injuries	19	88.0	82.7	45.4	119.9
Motor Vehicle	9	41.7	40.4	18.0	71.6
Other Unintentional Injuries	10	46.3	42.3	19.3	74.2
Pneumonia and Influenza	7	32.4	31.3	12.1	59.3
Suicide	3	13.9	13.4	2.4	33.3
Diabetes Mellitus	7	32.4	29.0	10.7	56.1
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	*	*	*	*	*
Alzheimer's Disease	*	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*
Homicide and Legal Intervention	0	0.0	0.0	0.0	0.0
Septicemia	*	*	*	*	*
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*
All Other	37	171.3	151.0	102.9	199.0

(Continued)

** 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.

**Deaths, crude death rates and age-adjusted death rates with 95% confidence limits from selected causes:
Logan county residents, 2005**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
Injury by Firearm	*	*	*	*	*
Drug-Induced Deaths	5	23.2	21.7	6.5	45.7
Alcohol-Induced Deaths	*	*	*	*	*
Work-Related Injury (Y/N Check Death Certificate)	*	*	*	*	*

** 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.