

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 2001

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

Characteristic	Number	Percent	Lower Limit	Upper Limit
Total Live Births	259	100.0	100.0	100.0
Age of Mother				
10-17	12	4.6	1.9	7.4
18-19	31	12.0	7.8	16.1
20-29	154	59.5	53.3	65.6
30+	62	23.9	18.5	29.3
Low Weight Births (<2,500 Grams)	18	6.9	3.7	10.2
Very Low Weight Births (<1,500 Grams)	4	1.5	0.4	3.4
Prenatal Care Later than 1st Trimester/No Care	59	22.8	17.5	28.1
No Prenatal Care	0	0.0	0.0	0.0
Preterm Births (<37 Weeks)	17	6.6	3.4	9.8
Education of Mother <12 Years	43	16.6	11.9	21.3
Live Births to Unmarried Women	84	32.4	26.5	38.3
Smoking During Pregnancy	49	18.9	14.0	23.9

** 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.cdphs.state.co.us/hs for definitions of data items and explanation of confidence limits.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

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

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Characteristic										
Total Live Births	259	100.0	12	100.0	31	100.0	154	100.0	62	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	210	81.4	9	75.0	24	77.4	127	83.0	50	80.6
White Hispanic	41	15.9	3	25.0	7	22.6	23	15.0	8	12.9
Black	*	*	0	0.0	0	0.0	*	*	*	*
Other	5	1.9	0	0.0	0	0.0	*	*	3	4.8
Low Weight Births (<2,500 Grams)	18	7.0	0	0.0	4	12.9	7	4.6	7	11.3
Very Low Weight Births (<1,500 Grams)	4	1.6	0	0.0	*	*	*	*	*	*
Prenatal Care Later than 1st Trimester/No Care	59	22.9	3	25.0	7	22.6	34	22.2	15	24.2
No Prenatal Care	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	17	6.6	0	0.0	*	*	6	3.9	9	14.5
Education of Mother <12 Years	43	16.6	9	75.0	14	45.2	15	9.7	5	8.1
Live Births to Unmarried Women	84	32.4	11	91.7	19	61.3	41	26.6	13	21.0
Smoking During Pregnancy	49	19.1	*	*	5	17.2	33	21.4	10	16.1

* 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, 2001

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Characteristic										
Total Live Births	210	100.0	41	100.0	*	*	3	100.0	*	*
Age of Mother										
10-17	9	4.3	3	7.3	0	0.0	0	0.0	0	0.0
18-19	24	11.4	7	17.1	0	0.0	0	0.0	0	0.0
20-29	127	60.5	23	56.1	*	*	*	*	*	*
30+	50	23.8	8	19.5	*	*	*	*	*	*
Low Weight Births (<2,500 Grams)	13	6.2	4	9.8	*	*	0	0.0	0	0.0
Very Low Weight Births (<1,500 Grams)	4	1.9	0	0.0	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	42	20.0	14	34.1	*	*	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	5.2	5	12.2	*	*	0	0.0	0	0.0
Education of Mother <12 Years	25	11.9	17	41.5	0	0.0	*	*	0	0.0
Live Births to Unmarried Women	64	30.5	18	43.9	0	0.0	*	*	*	*
Smoking During Pregnancy	44	21.2	3	7.3	*	*	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 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 with 95% confidence limits by age of mother: Logan county residents, 2001

	Births	Population	Fertility Rate	Lower Limit	Upper Limit
Age Group					
All Ages	259	4,035	64.2	56.5	71.9
Teenage Group					
13-14	0	303	0.0	0.0	0.0
15-17	12	476	25.2	10.1	40.3
18-19	31	352	88.1	57.0	119.1
10-17	12	1,205	10.0	3.9	16.0
10-19	43	1,557	27.6	19.2	36.1
All Age Groups					
10-14	0	729	0.0	0.0	0.0
15-19	43	828	51.9	36.2	67.7
20-24	84	659	127.5	101.2	153.7
25-29	70	531	131.8	102.1	161.5
30-34	43	531	81.0	56.8	105.1
35-39	16	699	22.9	11.1	34.7
40-49	3	1,530	2.0	0.4	4.8

** 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: Logan county residents, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Total Population	17,504	20,008	20,001	20,287	20,787	21,927	20,602
Total Births							
Number	218	252	237	265	256	259	254
Birth Rate	12.5	12.6	11.8	13.1	12.3	11.8	12.3
General Fertility Rate	60.3	65.3	62.1	69.2	66.0	64.2	65.3
Age of Mother 10-17							
Number	14	13	12	24	15	12	15
Percent of Total Births	6.4	5.2	5.1	9.1	5.9	4.6	6.0
Fertility Rate	14.0	11.2	10.3	20.4	12.4	10.0	12.9
Low Weight Births (<2,500 Grams)							
Number	8	20	15	16	15	18	17
Percent	3.7	7.9	6.3	6.0	5.9	6.9	6.6
Prenatal Care Later Than 1st Trimester							
Number	56	77	69	93	82	59	76
Percent	25.8	30.8	29.2	35.1	32.0	22.9	30.0
Births to Unmarried Women							
Number	51	62	53	86	67	84	70
Percent	23.4	24.6	22.4	32.5	26.2	32.4	27.7
Mother's Education <12 Years							
Number	43	43	32	55	42	43	43
Percent	19.9	17.1	13.6	20.8	16.5	16.9	17.0
Infant Deaths							
Number	4	3	*	*	3	4	*
Rate	18.3	11.9	*	*	11.7	15.4	*
Neonatal Deaths							
Number	*	*	*	*	*	3	*
Rate	*	*	*	*	*	11.6	*
Total Deaths							
Number	183	184	171	196	188	203	188
Crude Rate	1045.5	919.6	855.0	966.1	904.4	925.8	914.5
Age-Adjusted Rate	904.8	813.1	742.9	843.3	788.1	851.3	808.4
Cardiovascular Disease							
Number	67	80	76	89	81	71	79
Age-Adjusted Rate	328.7	344.8	326.7	379.5	330.1	288.4	333.5
Heart Disease							
Number	56	68	67	71	56	52	63
Age-Adjusted Rate	276.2	292.8	288.8	300.5	226.6	210.9	263.2

(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: Logan county residents, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Cerebrovascular Disease							
Number	11	12	9	13	18	12	13
Age-Adjusted Rate	52.5	52.0	37.9	57.2	74.1	49.2	54.1
Malignant Neoplasms							
Number	44	47	34	36	34	41	38
Age-Adjusted Rate	217.5	212.7	150.4	156.6	144.1	178.1	168.3
Lung Cancer							
Number	7	6	8	9	9	15	9
Age-Adjusted Rate	34.7	28.7	35.8	39.1	39.9	64.7	41.8
Breast Cancer							
Number	3	6	0	*	*	3	*
Age-Adjusted Rate	14.8	29.3	0.0	*	*	13.7	*
Total Unintentional Injuries							
Number	7	6	7	13	8	9	9
Age-Adjusted Rate	36.4	30.7	32.2	60.4	34.6	39.4	39.5
Motor Vehicle							
Number	5	5	3	9	4	6	5
Age-Adjusted Rate	26.7	25.2	14.4	41.5	18.0	26.6	25.3
Other Unintentional Injuries							
Number	*	*	4	4	4	3	3
Age-Adjusted Rate	*	*	17.8	18.9	16.6	12.8	14.2
Chronic Lower Respiratory Diseases							
Number	14	8	9	12	13	19	12
Age-Adjusted Rate	67.3	34.2	38.7	51.2	54.5	79.0	51.8
Suicide							
Number	*	*	*	*	3	3	*
Age-Adjusted Rate	*	*	*	*	14.1	13.7	*
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	3	0	0	*	*	0	*
Age-Adjusted Rate	14.9	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, 2001

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	203	100.0	193	100.0	8	100.0	0	0.0	*	*	*	*
Cardiovascular Disease	71	35.0	68	35.2	*	*	0	0.0	*	*	0	0.0
Heart Disease	52	25.6	50	25.9	*	*	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	12	5.9	11	5.7	0	0.0	0	0.0	*	*	0	0.0
Atherosclerosis	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	41	20.2	39	20.2	*	*	0	0.0	0	0.0	*	*
Lung Cancer	15	7.4	14	7.3	0	0.0	0	0.0	0	0.0	*	*
Breast Cancer	3	1.5	3	1.6	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	19	9.4	19	9.8	0	0.0	0	0.0	0	0.0	0	0.0
Unintentional Injuries	9	4.4	9	4.7	0	0.0	0	0.0	0	0.0	0	0.0
Motor Vehicle	6	3.0	6	3.1	0	0.0	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	3	1.5	3	1.6	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	6	3.0	5	2.6	*	*	0	0.0	0	0.0	0	0.0
Suicide	3	1.5	3	1.6	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	*	*	*	*	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	2.0	3	1.6	*	*	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	3	1.5	3	1.6	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
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	0	0.0	0	0.0
Perinatal Period Conditions	3	1.5	*	*	*	*	0	0.0	0	0.0	0	0.0
All Other	36	17.7	34	17.6	*	*	0	0.0	0	0.0	0	0.0
Injury by Firearm	5	2.5	5	2.6	0	0.0	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	3	1.5	3	1.6	0	0.0	0	0.0	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	*	*	*	*	*	*	*	*	*	*	*	*

* 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: Logan county residents, 2001

Age Group	Deaths	Population	Age-Specific Death Rate	Lower Limit	Upper Limit
All Ages	203	21,927	9.3	8.0	10.5
Infant	4	259	15.4	4.1	34.0
Neonatal	3	259	11.6	2.2	28.2
1-4	0	1,094	0.0	0.0	0.0
5-9	0	1,450	0.0	0.0	0.0
10-14	*	1,490	*	*	*
15-19	*	1,690	*	*	*
20-24	*	1,707	*	*	*
25-29	*	1,434	*	*	*
30-34	0	1,454	0.0	0.0	0.0
35-39	*	1,702	*	*	*
40-44	3	1,823	1.6	0.3	4.0
45-49	5	1,636	3.1	0.1	6.0
50-54	4	1,299	3.1	0.8	6.8
55-59	11	993	11.1	4.1	18.1
60-64	10	882	11.3	3.8	18.9
65-69	16	775	20.6	10.0	31.3
70-74	25	728	34.3	20.4	48.3
75-79	27	656	41.2	25.2	57.1
80-84	33	441	74.8	49.1	100.5
85+	55	412	133.5	99.4	167.6
1-14	*	4,034	*	*	*
15-24	4	3,397	1.2	0.3	2.6
25-64	37	11,223	3.3	2.2	4.4
65+	156	3,012	51.8	43.7	59.9

** 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, 2001

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	4	15.4	*	*	4	1.2	7	1.1	30	6.2	156	51.8
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	*	*	4	0.8	66	21.9
Heart Disease	0	0.0	0	0.0	0	0.0	*	*	3	0.6	48	15.9
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	11	3.7
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	*	*	12	2.5	28	9.3
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	5	1.0	10	3.3
Breast Cancer	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	6.0
Unintentional Injuries	0	0.0	*	*	3	0.9	*	*	*	*	*	*
Motor Vehicle	0	0.0	*	*	3	0.9	*	*	0	0.0	0	0.0
Other Unintentional Injuries	0	0.0	0	0.0	0	0.0	0	0.0	*	*	*	*
Pneumonia and Influenza	0	0.0	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	*	*	*	*
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	0	0.0	4	1.3
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
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	0	0.0	0	0.0
Perinatal Period Conditions	3	11.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	*	*	0	0.0	*	*	*	*	6	1.2	27	9.0
Injury by Firearm	0	0.0	*	*	0	0.0	*	*	*	*	*	*
Drug-Induced Deaths	0	0.0	0	0.0	0	0.0	0	0.0	*	*	0	0.0
Alcohol-Induced Deaths	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.

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:
Logan county residents, 2001**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	203	925.8	851.3	736.9	965.8
Cardiovascular Disease	71	323.8	288.4	222.3	354.5
Heart Disease	52	237.2	210.9	154.2	267.6
Cerebrovascular Disease	12	54.7	49.2	21.4	77.0
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	41	187.0	178.1	123.7	232.5
Lung Cancer	15	68.4	64.7	31.9	97.4
Breast Cancer	3	13.7	13.7	3.4	10.0
Chronic Lower Respiratory Diseases	19	86.7	79.0	43.5	114.5
Unintentional Injuries	9	41.0	39.4	12.3	23.3
Motor Vehicle	6	27.4	26.6	7.7	16.8
Other Unintentional Injuries	3	13.7	12.8	2.8	9.0
Pneumonia and Influenza	6	27.4	24.1	6.0	14.3
Suicide	3	13.7	13.7	3.4	10.0
Diabetes Mellitus	*	*	*	*	*
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	*	*	*	*	*
Alzheimer's Disease	4	18.2	15.7	3.3	9.9
Nephritis, Nephrosis, Nephrotic Syndrome	3	13.7	12.2	2.5	8.4
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	*	*	*	*	*
Congenital Anomalies	0	0.0	0.0	0.0	0.0
Perinatal Period Conditions	3	13.7	15.9	4.9	12.6
All Other	36	164.2	148.9	100.4	197.5
Injury by Firearm	5	22.8	23.3	6.9	15.7
Drug-Induced Deaths	*	*	*	*	*
Alcohol-Induced Deaths	3	13.7	13.6	3.3	9.9
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.