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Logan County Births and Deaths 2000

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Selected birth characteristics with 95% confidence limit: Logan County residents, 2000

CHARACTERISTIC	NUMBER	PERCENT	LOWER LIMIT	UPPER LIMIT
Total Live Births	256	100.0	100.0	100.0
Age of Mother				
10-17	15	5.9	2.8	8.9
18-19	25	9.8	5.9	13.6
20-29	158	61.7	55.6	67.9
30+	58	22.7	17.3	28.0
Low Weight Births (<2,500 Grams)	15	5.9	2.8	8.9
Very Low Weight Births (<1,500 Grams)	3	1.2	0.0	2.5
Prenatal Care Later than 1st Trimester	82	32.0	26.1	37.9
No Prenatal Care	*	*	*	*
Preterm Births (<37 Weeks)	17	6.6	3.4	9.9
Education of Mother <12 Years	42	16.5	11.8	21.3
Births to Unmarried Women	67	26.2	20.6	31.8
Smoking During Pregnancy	40	15.6	11.0	20.3

*Fewer than three 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 the technical notes of Colorado Vital Statistics Annual Report for definitions of data items and explanation of confidence limits. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Selected birth characteristics by age group of mother: Logan County residents, 2000

CHARACTERISTIC	ALL AGES		10-17		18-19		20-29		30+	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	256	100.0	15	100.0	25	100.0	158	100.0	58	100.0
Race/Ethnicity of Mother										
White/Non-Hispanic	207	80.9	12	80.0	20	80.0	122	77.2	53	91.4
White/Hispanic	46	18.0	3	20.0	5	20.0	34	21.5	4	6.9
Black	*	*	*	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*	*	*	*
Low Weight Births (<2,500 Grams)	15	5.9	*	*	5	20.0	6	3.8	3	5.2
Very Low Weight Births (<1,500 Grams)	3	1.2	*	*	*	*	*	*	*	*
Prenatal Care Started after 1st Trimester	82	32.0	9	60.0	13	52.0	45	28.5	15	25.9
No Prenatal Care	*	*	*	*	*	*	*	*	*	*
Preterm Births (<37 Weeks)	17	6.6	*	*	3	12.0	9	5.7	5	8.6
Education of Mother <12 Years	42	16.5	11	78.6	5	20.0	23	14.6	3	5.2
Births to Unmarried Women	67	26.2	15	100.0	17	68.0	31	19.6	4	6.9
Smoking During Pregnancy	40	15.6	3	20.0	3	12.0	25	15.8	9	15.5

*Fewer than three 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 the technical notes of Colorado Vital Statistics Annual Report for definition of data items and explanation of confidence limits. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Selected birth characteristics by race/ethnicity of mother: Logan County residents, 2000

CHARACTERISTIC	WHITE/ NON-HISPANIC		WHITE /HISPANIC		BLACK		ASIAN		AMERICAN INDIAN	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	207	100.0	46	100.0	*	*	*	*	*	*
Age of Mother										
10-17	12	5.8	3	6.5	*	*	*	*	*	*
18-19	20	9.7	5	10.9	*	*	*	*	*	*
20-29	122	58.9	34	73.9	*	*	*	*	*	*
30+	53	25.6	4	8.7	*	*	*	*	*	*
Low Weight Births (<2,500 Grams)	10	4.8	5	10.9	*	*	*	*	*	*
Very Low Weight Births (<1,500 Grams)	*	*	*	*	*	*	*	*	*	*
Prenatal Care Later than 1st Trimester	60	29.0	22	47.8	*	*	*	*	*	*
No Prenatal Care	*	*	*	*	*	*	*	*	*	*
Preterm Births (<37 Weeks)	11	5.3	6	13.0	*	*	*	*	*	*
Education of Mother <12 Years	24	11.7	18	40.0	*	*	*	*	*	*
Live Births to Unmarried Women	56	27.1	10	21.7	*	*	*	*	*	*
Mother Smoking During Pregnancy	35	16.9	5	10.9	*	*	*	*	*	*

*Fewer than three events in the category. Sums may not add to total due to cases with age or race/ethnicity of mother unknown or not presented. Percentages are of total births of each race/ethnicity group, excluding cases with specific characteristics unknown. Prepared by 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, 2000

	BIRTHS	POPULATION	FERTILITY RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	256	3,844	66.6	58.6	74.6
TEENAGE GROUP					
13-14	*	323	*	*	*
15-17	15	471	31.8	14.9	48.8
18-19	25	405	61.7	37.1	86.4
10-17	15	1,200	12.5	5.8	19.2
10-19	40	1,605	24.9	17.0	32.9
ALL AGE GROUPS					
10-14	*	729	*	*	*
15-19	40	876	45.7	31.3	60.1
20-24	80	533	150.1	118.8	181.4
25-29	78	493	158.2	125.0	191.4
30-34	39	500	78.0	53.5	102.5
35-39	11	695	15.8	5.8	25.8
40-49	8	1,433	5.6	1.4	9.8

*Fewer than three 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 aged 15-44. See the technical notes of Colorado Vital Statistics Annual Report for explanation of confidence limits. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Vital statistics summary: Logan County residents, 1990, 1996-2000

	1990	1996	1997	1998	1999	2000	1996-2000 ANNUAL AVERAGE
TOTAL POPULATION	17,487	19,659	20,007	19,999	20,287	20,620	20,114
Total Births							
Number	235	222	252	237	265	256	246
Birth Rate	13.4	11.3	12.6	11.9	13.1	12.4	12.2
General Fertility Rate	64.4	57.8	65.3	62.1	69.2	66.6	64.2
Age of Mother 10-17							
Number	11	18	13	12	24	15	16
Percent of Total Births	4.7	8.1	5.2	5.1	9.1	5.9	6.7
Fertility Rate	11.1	15.9	11.2	10.3	20.4	12.5	14.1
Low Weight Births (<2,500 Grams)							
Number	10	10	20	15	16	15	15
Percent	4.3	4.5	7.9	6.3	6.0	5.9	6.2
Prenatal Care Later Than 1st Trimester							
Number	77	73	77	69	93	82	79
Percent	32.9	32.9	30.8	29.2	35.1	32.0	32.1
Births to Unmarried Women							
Number	46	69	62	53	86	67	67
Percent	19.6	31.1	24.6	22.4	32.5	26.2	27.4
Mother's Education <12 Years							
Number	26	50	43	32	55	42	44
Percent	11.1	22.6	17.1	13.6	20.8	16.5	18.1
Infant Deaths							
Number	4	*	3	*	*	3	*
Rate	17.0	*	11.9	*	*	11.7	*
Neonatal Deaths							
Number	3	*	*	*	*	*	*
Rate	12.8	*	*	*	*	*	*
Total Deaths							
Number	197	199	184	171	196	188	188
Crude Rate	1,126.6	1,012.3	919.7	855.0	966.1	911.7	932.7
Age-Adjusted Rate	981.0	876.7	813.1	743.5	843.3	794.0	814.2
Cardiovascular Disease							
Number	78	88	78	75	89	81	82
Age-Adjusted Rate	384.2	381.5	336.5	323.0	379.5	332.5	350.5
Heart Disease							
Number	62	76	68	67	71	56	68
Age-Adjusted Rate	303.6	329.9	292.8	289.1	300.5	228.2	287.8
Cerebrovascular Disease							
Number	16	12	12	9	13	18	13
Age-Adjusted Rate	80.4	51.4	52.0	37.9	57.2	74.7	54.7
Malignant Neoplasms							
Number	32	41	47	34	36	34	38
Age-Adjusted Rate	154.1	181.2	212.7	150.5	156.6	145.1	169.3
Lung Cancer							
Number	11	8	6	8	9	9	8
Age-Adjusted Rate	51	35	29	36	39	40	36
Breast Cancer							
Number	3	6	6	*	*	*	*
Age-Adjusted Rate	15.1	25.9	29.3	*	*	*	*
Total Unintentional Injuries							
Number	6	7	6	7	13	8	8
Age-Adjusted Rate	34.4	35.3	30.7	32.2	60.4	34.9	38.7
Motor Vehicle							
Number	3	6	5	3	9	4	5
Age-Adjusted Rate	19.4	29.9	25.2	14.4	41.5	18.1	25.9
Other Unintentional Injuries							
Number	3	*	*	4	4	4	*
Age-Adjusted Rate	15.0	*	*	17.8	18.9	16.7	*
Chronic Lower Respiratory Diseases							
Number	14	13	8	9	12	13	11
Age-Adjusted Rate	69.6	56.5	34.2	38.7	51.2	54.9	47.2
Suicide							
Number	5	*	*	*	*	3	*
Age-Adjusted Rate	26.5	*	*	*	*	14.2	*
Homicide and Legal Intervention							
Number	*	*	*	*	*	*	*
Age-Adjusted Rate	*	*	*	*	*	*	*
Work-Related Injury							
Number	*	*	*	*	*	*	*
Age-Adjusted Rate	*	*	*	*	*	*	*

*Fewer than three events in the category. Birth rates are per 1,000 total population. General fertility rates are births per 1,000 females aged 15-44. Fertility rates for mothers age 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. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths from selected causes by race/ethnicity: Logan County residents, 2000

CAUSE OF DEATH (ICD-10)	ALL RACES		WHITE/ NON-HISPANIC		WHITE /HISPANIC		BLACK		ASIAN		AMERICAN INDIAN	
	N	%	N	%	N	%	N	%	N	%	N	%
	<hr/>											
TOTAL	188	100.0	179	100.0	7	100.0	*	*	*	*	*	*
Cardiovascular Disease	81	43.1	78	43.6	*	*	*	*	*	*	*	*
Heart Disease	56	29.8	54	30.2	*	*	*	*	*	*	*	*
Cerebrovascular Disease	18	9.6	17	9.5	*	*	*	*	*	*	*	*
Atherosclerosis	*	*	*	*	*	*	*	*	*	*	*	*
Malignant Neoplasms	34	18.1	33	18.4	*	*	*	*	*	*	*	*
Lung Cancer	9	4.8	9	5.0	*	*	*	*	*	*	*	*
Breast Cancer	*	*	*	*	*	*	*	*	*	*	*	*
Chronic Lower Respiratory Disease	13	6.9	13	7.3	*	*	*	*	*	*	*	*
Unintentional Injuries	8	4.3	8	4.5	*	*	*	*	*	*	*	*
Motor Vehicle	4	2.1	4	2.2	*	*	*	*	*	*	*	*
Other Unintentional Injuries	4	2.1	4	2.2	*	*	*	*	*	*	*	*
Pneumonia and Influenza	6	3.2	6	3.4	*	*	*	*	*	*	*	*
Suicide	3	1.6	3	1.7	*	*	*	*	*	*	*	*
Diabetes Mellitus	3	1.6	3	1.7	*	*	*	*	*	*	*	*
HIV Infection	*	*	*	*	*	*	*	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	*	*	*	*	*	*	*	*	*	*	*	*
Alzheimer's Disease	*	*	*	*	*	*	*	*	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	3	1.6	3	1.7	*	*	*	*	*	*	*	*
Homicide and Legal Intervention	*	*	*	*	*	*	*	*	*	*	*	*
Septicemia	*	*	*	*	*	*	*	*	*	*	*	*
Congenital Anomalies	*	*	*	*	*	*	*	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*	*	*	*	*	*	*	*
All Other	29	15.4	26	14.5	*	*	*	*	*	*	*	*
Injury by Firearm	*	*	*	*	*	*	*	*	*	*	*	*
Drug-Induced Deaths	*	*	*	*	*	*	*	*	*	*	*	*
Alcohol-Induced Deaths	*	*	*	*	*	*	*	*	*	*	*	*
Work-Related Injury	*	*	*	*	*	*	*	*	*	*	*	*

*Fewer than three events in the category. Percentages are of total deaths of each race/ethnicity category. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths and crude death rates with 95% confidence limits by age group: Logan County residents, 2000

AGE GROUP	DEATHS	POPULATION	AGE-SPECIFIC DEATH RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	188	20,620	9.1	7.8	10.4
INFANT	3	256	11.7	0.0	26.9
NEONATAL	*	256	*	*	*
1-4	*	1,047	*	*	*
5-9	*	1,374	*	*	*
10-14	*	1,470	*	*	*
15-19	*	1,793	*	*	*
20-24	*	1,389	*	*	*
25-29	*	1,263	*	*	*
30-34	*	1,259	*	*	*
35-39	3	1,628	1.8	0.0	4.2
40-44	*	1,687	*	*	*
45-49	4	1,493	2.7	0.0	5.6
50-54	*	1,211	*	*	*
55-59	6	928	6.5	0.8	12.2
60-64	12	854	14.1	5.6	22.5
65-69	13	760	17.1	7.2	27.0
70-74	19	734	25.9	13.7	38.1
75-79	26	658	39.5	23.9	55.2
80-84	30	420	71.4	45.6	97.2
85+	69	404	170.8	132.9	208.7
1-14	*	3,891	*	*	*
15-24	*	3,182	*	*	*
25-64	28	10,323	2.7	1.7	3.8
65+	157	2,976	52.8	44.6	61.0

*Fewer than three 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. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths and crude death rates from selected causes by age group: Logan County residents, 2000

CAUSE OF DEATH (ICD-10)	<1		1-14		15-24		25-44		45-64		65+	
	N	RATE	N	RATE	N	RATE	N	RATE	N	RATE	N	RATE
TOTAL	3	11.7	*	*	*	*	5	0.9	23	5.1	157	52.8
Cardiovascular Disease	*	*	*	*	*	*	*	*	5	1.1	75	25.2
Heart Disease	*	*	*	*	*	*	*	*	4	0.9	51	17.1
Cerebrovascular Disease	*	*	*	*	*	*	*	*	*	*	17	5.7
Atherosclerosis	*	*	*	*	*	*	*	*	*	*	*	*
Malignant Neoplasms	*	*	*	*	*	*	*	*	6	1.3	28	9.4
Lung Cancer	*	*	*	*	*	*	*	*	3	0.7	6	2.0
Breast Cancer	*	*	*	*	*	*	*	*	*	*	*	*
Chronic Lower Respiratory Diseases	*	*	*	*	*	*	*	*	*	*	12	4.0
Unintentional Injuries	*	*	*	*	*	*	*	*	3	0.7	5	1.7
Motor Vehicle	*	*	*	*	*	*	*	*	*	*	*	*
Other Unintentional Injuries	*	*	*	*	*	*	*	*	*	*	3	1.0
Pneumonia and Influenza	*	*	*	*	*	*	*	*	*	*	6	2.0
Suicide	*	*	*	*	*	*	*	*	*	*	*	*
Diabetes Mellitus	*	*	*	*	*	*	*	*	*	*	3	1.0
HIV Infection	*	*	*	*	*	*	*	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	*	*	*	*	*	*	*	*	*	*	*	*
Alzheimer's Disease	*	*	*	*	*	*	*	*	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*	*	*	*	*	*	*	*
Homicide and Legal Intervention	*	*	*	*	*	*	*	*	*	*	*	*
Septicemia	*	*	*	*	*	*	*	*	*	*	*	*
Congenital Anomalies	*	*	*	*	*	*	*	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*	*	*	*	*	*	*	*
All Other	*	*	*	*	*	*	3	0.5	5	1.1	20	6.7
Injury by Firearm	*	*	*	*	*	*	*	*	*	*	*	*
Drug-Induced Deaths	*	*	*	*	*	*	*	*	*	*	*	*
Alcohol-Induced Deaths	*	*	*	*	*	*	*	*	*	*	*	*
Work-Related Injury	*	*	*	*	*	*	*	*	*	*	*	*

*Fewer than three 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. Prepared by 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, 2000

CAUSE OF DEATH (ICD-10)	DEATHS	CRUDE RATE	AGE-ADJUSTED DEATH RATE		
			RATE	LOWER LIMIT	UPPER LIMIT
TOTAL	188	911.7	794.0	684.2	903.9
Cardiovascular Disease	81	392.8	332.5	261.6	403.3
Heart Disease	56	271.6	228.2	169.5	287.0
Cerebrovascular Disease	18	87.3	74.7	40.2	109.1
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	34	164.9	145.1	96.4	193.9
Lung Cancer	9	43.6	40.2	13.9	66.5
Breast Cancer	*	*	*	*	*
Chronic Lower Respiratory Diseases	13	63.0	54.9	25.0	84.7
Unintentional Injuries	8	38.8	34.9	10.6	59.2
Motor Vehicle	4	19.4	18.1	0.3	36.0
Other Unintentional Injuries	4	19.4	16.7	0.3	33.2
Pneumonia and Influenza	6	29.1	24.3	4.9	43.7
Suicide	3	14.5	14.2	0.0	30.4
Diabetes Mellitus	3	14.5	12.2	0.0	25.9
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	*	*	*	*	*
Alzheimer's Disease	*	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	3	14.5	13.2	0.0	28.1
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	*	*	*	*	*
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*
All Other	29	140.6	126.4	80.3	172.4
Injury by Firearm	*	*	*	*	*
Drug-Induced Deaths	*	*	*	*	*
Alcohol-Induced Deaths	*	*	*	*	*
Work-Related Injury	*	*	*	*	*

*Fewer than three 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. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.