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# Logan County Births and Deaths 2004

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## Selected birth characteristics: Logan county residents, 2004

Characteristic	Number	Percent
Total Live Births	240	100.0
Age of Mother		
10-17	11	4.6
18-19	23	9.6
20-29	138	57.5
30+	68	28.3
Low Weight Births (<2,500 Grams)	12	5.0
Very Low Weight Births (<1,500 Grams)	3	1.3
Prenatal Care Later than 1st Trimester/No Care	55	23.0
No Prenatal Care	0	0.0
Preterm Births (<37 Weeks)	18	7.5
Education of Mother <12 Years	49	20.4
Live Births to Unmarried Women	89	37.1
Smoking During Pregnancy	41	17.2

*\* 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](http://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, 2004**

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	240	100.0	11	100.0	23	100.0	138	100.0	68	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	201	83.8	9	81.8	16	69.6	123	89.1	53	77.9
White Hispanic	34	14.2	*	*	7	30.4	13	9.4	12	17.6
Black	*	*	0	0.0	0	0.0	*	*	*	*
Other	3	1.3	0	0.0	0	0.0	*	*	*	*
Low Weight Births (<2,500 Grams)	12	5.0	*	*	*	*	7	5.1	*	*
Very Low Weight Births (<1,500 Grams)	3	1.3	0	0.0	*	*	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	55	23.0	3	27.3	6	26.1	30	21.7	16	23.9
No Prenatal Care	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	18	7.5	*	*	*	*	6	4.3	8	11.8
Education of Mother <12 Years	49	20.4	8	72.7	10	43.5	24	17.4	7	10.3
Live Births to Unmarried Women	89	37.1	11	100.0	19	82.6	48	34.8	11	16.2
Smoking During Pregnancy	41	17.2	3	27.3	6	26.1	27	19.7	5	7.4

*\* 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](http://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, 2004**

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total Live Births</b>	201	100.0	34	100.0	*	*	*	*	*	*
<b>Age of Mother</b>										
<b>10-17</b>	9	4.5	*	*	0	0.0	0	0.0	0	0.0
<b>18-19</b>	16	8.0	7	20.6	0	0.0	0	0.0	0	0.0
<b>20-29</b>	123	61.2	13	38.2	*	*	0	0.0	*	*
<b>30+</b>	53	26.4	12	35.3	*	*	*	*	*	*
<b>Low Weight Births (&lt;2,500 Grams)</b>	9	4.5	*	*	0	0.0	0	0.0	*	*
<b>Very Low Weight Births (&lt;1,500 Grams)</b>	3	1.5	0	0.0	0	0.0	0	0.0	0	0.0
<b>Prenatal Care Later than 1st Trimester/No Care</b>	46	22.9	9	26.5	0	0.0	0	0.0	0	0.0
<b>No Prenatal Care</b>	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Preterm Births (&lt;37 Weeks)</b>	15	7.5	*	*	0	0.0	0	0.0	*	*
<b>Education of Mother &lt;12 Years</b>	31	15.4	17	50.0	0	0.0	0	0.0	*	*
<b>Live Births to Unmarried Women</b>	69	34.3	18	52.9	0	0.0	0	0.0	*	*
<b>Smoking During Pregnancy</b>	39	19.4	*	*	0	0.0	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](http://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, 2004

Age Group	Births	Population	Fertility Rate
All Ages	240	4,059	59.1
Teen Age Groups			
13-14	*	288	*
15-17	10	421	23.8
18-19	23	289	79.6
10-17	11	1,151	9.6
10-19	34	1,440	23.6
All Age Groups			
10-14	*	730	*
15-19	33	710	46.5
20-24	83	771	107.7
25-29	55	561	98.0
30-34	47	591	79.5
35-39	16	633	25.3
40-49	5	1,598	3.1

*\* 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](http://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, 1994, 2000-2004**

	1994	2000	2001	2002	2003	2004	2000-2004 Annual Average
<b>Total Population</b>	18,827	20,869	21,923	21,914	21,919	21,813	21,688
<b>Total Births</b>							
Number	246	257	260	263	276	240	259
Birth Rate	13.1	12.3	11.9	12.0	12.6	11.0	12.0
General Fertility Rate	65.4	66.0	63.1	62.7	66.6	59.1	63.5
<b>Age of Mother 10-17</b>							
Number	13	15	12	10	9	11	11
Percent of Total Births	5.3	5.8	4.6	3.8	3.3	4.6	4.4
Fertility Rate	12.0	12.3	9.7	8.4	7.7	9.6	9.6
<b>Low Weight Births (&lt;2,500 Grams)</b>							
Number	17	15	18	23	13	12	16
Percent	6.9	5.8	6.9	8.7	4.7	5.0	6.3
<b>Prenatal Care Later Than 1st Trimester</b>							
Number	61	82	60	59	65	55	64
Percent	25.1	31.9	23.2	22.7	23.6	23.0	24.9
<b>Births to Unmarried Women</b>							
Number	77	67	84	95	89	89	85
Percent	31.3	26.1	32.3	36.1	32.2	37.1	32.7
<b>Mother's Education &lt;12 Years</b>							
Number	43	42	43	50	52	49	47
Percent	17.6	16.5	16.8	19.2	19.1	21.2	18.5
<b>Infant Deaths</b>							
Number	3	3	4	0	*	*	*
Rate	12.2	11.7	15.4	0.0	*	*	*
<b>Neonatal Deaths</b>							
Number	*	*	3	0	*	*	*
Rate	*	*	11.5	0.0	*	*	*
<b>Total Deaths</b>							
Number	141	188	206	199	209	194	199
Crude Rate	748.9	900.9	939.7	908.1	953.5	889.4	918.5
Age-Adjusted Rate	659.2	783.5	853.1	838.1	880.3	828.9	836.5
<b>Cardiovascular Disease</b>							
Number	56	80	72	64	72	61	70
Age-Adjusted Rate	256.2	323.7	289.0	265.9	298.8	258.2	288.0
<b>Heart Disease</b>							

*\* 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, 1994, 2000-2004**

	1994	2000	2001	2002	2003	2004	2000-2004 Annual Average
<b>Number</b>	46	56	53	49	47	37	48
<b>Age-Adjusted Rate</b>	211.7	225.2	212.5	203.7	194.6	156.9	199.4
<b>Cerebrovascular Disease</b>							
<b>Number</b>	9	18	12	9	19	14	14
<b>Age-Adjusted Rate</b>	40.0	73.7	48.5	36.8	78.7	59.8	59.5
<b>Malignant Neoplasms</b>							
<b>Number</b>	32	35	42	39	39	37	38
<b>Age-Adjusted Rate</b>	154.6	147.4	179.2	169.1	168.4	160.2	164.9
<b>Lung Cancer</b>							
<b>Number</b>	7	9	15	10	11	8	11
<b>Age-Adjusted Rate</b>	34.2	39.7	63.6	43.2	47.0	35.3	45.6
<b>Breast Cancer</b>							
<b>Number</b>	4	*	4	*	5	4	3
<b>Age-Adjusted Rate</b>	19.8	*	17.3	*	21.2	17.7	13.0
<b>Total Unintentional Injuries</b>							
<b>Number</b>	5	8	9	11	12	12	10
<b>Age-Adjusted Rate</b>	24.3	34.4	39.9	46.2	52.1	53.6	45.1
<b>Motor Vehicle</b>							
<b>Number</b>	*	4	6	*	8	6	5
<b>Age-Adjusted Rate</b>	*	17.9	27.3	*	35.4	27.1	23.2
<b>Other Unintentional Injuries</b>							
<b>Number</b>	3	4	3	9	4	6	5
<b>Age-Adjusted Rate</b>	13.8	16.5	12.6	37.6	16.7	26.5	21.9
<b>Chronic Lower Respiratory Diseases</b>							
<b>Number</b>	9	13	19	16	14	11	15
<b>Age-Adjusted Rate</b>	40.5	54.2	78.0	68.4	58.7	45.9	61.6
<b>Suicide</b>							
<b>Number</b>	*	3	3	6	4	4	4
<b>Age-Adjusted Rate</b>	*	14.0	13.5	27.7	17.8	18.5	18.2
<b>Homicide and Legal Intervention</b>							
<b>Number</b>	0	0	*	0	0	*	*
<b>Age-Adjusted Rate</b>	0.0	0.0	*	0.0	0.0	*	*
<b>Work-Related Injury</b>							
<b>Number</b>	*	*	0	0	0	*	*
<b>Age-Adjusted Rate</b>	*	*	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, 2004**

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
<b>Total</b>	194	100.0	184	100.0	10	100.0	0	0.0	0	0.0	0	0.0
<b>Cardiovascular Disease</b>	61	31.4	59	32.1	*	*	0	0.0	0	0.0	0	0.0
Heart Disease	37	19.1	36	19.6	*	*	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	14	7.2	13	7.1	*	*	0	0.0	0	0.0	0	0.0
Atherosclerosis	3	1.5	3	1.6	0	0.0	0	0.0	0	0.0	0	0.0
<b>Malignant Neoplasms</b>	37	19.1	36	19.6	*	*	0	0.0	0	0.0	0	0.0
Lung Cancer	8	4.1	8	4.3	0	0.0	0	0.0	0	0.0	0	0.0
Breast Cancer	4	2.1	4	2.2	0	0.0	0	0.0	0	0.0	0	0.0
<b>Chronic Lower Respiratory Disease</b>	11	5.7	11	6.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Unintentional Injuries</b>	12	6.2	11	6.0	*	*	0	0.0	0	0.0	0	0.0
Motor Vehicle	6	3.1	6	3.3	0	0.0	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	6	3.1	5	2.7	*	*	0	0.0	0	0.0	0	0.0
<b>Pneumonia and Influenza</b>	7	3.6	7	3.8	0	0.0	0	0.0	0	0.0	0	0.0
<b>Suicide</b>	4	2.1	4	2.2	0	0.0	0	0.0	0	0.0	0	0.0
<b>Diabetes Mellitus</b>	5	2.6	4	2.2	*	*	0	0.0	0	0.0	0	0.0
<b>HIV Infection</b>	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Chronic Liver Disease and Cirrhosis</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Alzheimer's Disease</b>	9	4.6	7	3.8	*	*	0	0.0	0	0.0	0	0.0
<b>Nephritis, Nephrosis, Nephrotic Syndrome</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Homicide and Legal Intervention</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Septicemia</b>	3	1.5	3	1.6	0	0.0	0	0.0	0	0.0	0	0.0
<b>Congenital Anomalies</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Perinatal Period Conditions</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>All Other</b>	39	20.1	36	19.6	3	30.0	0	0.0	0	0.0	0	0.0
<b>Injury by Firearm</b>	3	1.5	3	1.6	0	0.0	0	0.0	0	0.0	0	0.0
<b>Drug-Induced Deaths</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Alcohol-Induced Deaths</b>	3	1.5	3	1.6	0	0.0	0	0.0	0	0.0	0	0.0
<b>Work-Related Injury (Y/N Check Death Certificate)</b>	*	*	*	*	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, 2004**

Age Group	Deaths	Population	Age-Specific Death Rate
<b>All Ages</b>	194	21,813	8.9
<b>Infant</b>	*	240	*
<b>Neonatal</b>	*	240	*
<b>1-4</b>	0	1,102	0.0
<b>5-9</b>	0	1,471	0.0
<b>10-14</b>	0	1,513	0.0
<b>15-19</b>	*	1,403	*
<b>20-24</b>	0	1,657	0.0
<b>25-29</b>	0	1,375	0.0
<b>30-34</b>	*	1,485	*
<b>35-39</b>	0	1,499	0.0
<b>40-44</b>	5	1,812	2.8
<b>45-49</b>	4	1,793	2.2
<b>50-54</b>	6	1,507	4.0
<b>55-59</b>	6	1,163	5.2
<b>60-64</b>	9	923	9.8
<b>65-69</b>	21	754	27.9
<b>70-74</b>	15	677	22.2
<b>75-79</b>	23	574	40.1
<b>80-84</b>	30	462	64.9
<b>85+</b>	70	386	181.4
<b>1-14</b>	0	4,086	0.0
<b>15-24</b>	*	3,060	*
<b>25-64</b>	32	11,556	2.8
<b>65+</b>	159	2,853	55.7

*\* 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, 2004**

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	*	*	0	0.0	*	*	7	1.1	25	4.6	159	55.7
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	*	*	8	1.5	52	18.2
Heart Disease	0	0.0	0	0.0	0	0.0	*	*	6	1.1	30	10.5
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	13	4.6
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	1.1
Malignant Neoplasms	0	0.0	0	0.0	0	0.0	0	0.0	8	1.5	29	10.2
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	*	*	7	2.5
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	*	*	3	1.1
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	4	0.7	7	2.5
Unintentional Injuries	0	0.0	0	0.0	0	0.0	3	0.5	*	*	8	2.8
Motor Vehicle	0	0.0	0	0.0	0	0.0	*	*	*	*	3	1.1
Other Unintentional Injuries	0	0.0	0	0.0	0	0.0	*	*	0	0.0	5	1.8
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	2.5
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	1.8
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	9	3.2
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
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	1.1
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	0	0.0	*	*	3	0.6	34	11.9
Injury by Firearm	0	0.0	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	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	*	*

*\* 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, 2004**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	194	889.4	828.9	716.7	941.1
Cardiovascular Disease	61	279.6	258.2	194.4	322.1
Heart Disease	37	169.6	156.9	106.7	207.1
Cerebrovascular Disease	14	64.2	59.8	28.5	91.0
Atherosclerosis	3	13.8	12.1	2.3	8.2
Malignant Neoplasms	37	169.6	160.2	108.7	211.6
Lung Cancer	8	36.7	35.3	10.8	21.3
Breast Cancer	4	18.3	17.7	4.6	12.0
Chronic Lower Respiratory Diseases	11	50.4	45.9	13.7	25.3
Unintentional Injuries	12	55.0	53.6	23.2	84.0
Motor Vehicle	6	27.5	27.1	8.1	17.4
Other Unintentional Injuries	6	27.5	26.5	7.6	16.7
Pneumonia and Influenza	7	32.1	29.7	8.3	17.7
Suicide	4	18.3	18.5	5.1	12.9
Diabetes Mellitus	5	22.9	21.6	5.7	13.8
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	*	*	*	*	*
Alzheimer's Disease	9	41.3	36.8	10.2	20.4
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	3	13.8	12.7	2.7	8.9
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*
All Other	39	178.8	164.2	113.3	215.1
Injury by Firearm	3	13.8	13.9	3.5	10.3
Drug-Induced Deaths	*	*	*	*	*
Alcohol-Induced Deaths	3	13.8	13.3	3.1	9.6
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.*