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# Lake County Births and Deaths 2002

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## Selected birth characteristics: Lake county residents, 2002

Characteristic	Number	Percent
Total Live Births	117	100.0
Age of Mother		
10-17	4	3.4
18-19	12	10.3
20-29	55	47.0
30+	45	38.5
Low Weight Births (<2,500 Grams)	16	13.7
Very Low Weight Births (<1,500 Grams)	4	3.4
Prenatal Care Later than 1st Trimester/No Care	30	25.6
No Prenatal Care	0	0.0
Preterm Births (<37 Weeks)	12	10.3
Education of Mother <12 Years	41	35.0
Live Births to Unmarried Women	49	41.9
Smoking During Pregnancy	4	3.4

\* 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 age group of mother: Lake county residents, 2002**

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total Live Births</b>	117	100.0	4	100.0	12	100.0	55	100.0	45	100.0
<b>Race/Ethnicity of Mother</b>										
White Non-Hispanic	48	41.0	0	0.0	0	0.0	22	40.0	25	55.6
White Hispanic	67	57.3	4	100.0	12	100.0	31	56.4	20	44.4
Black	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	*	*	0	0.0	0	0.0	*	*	0	0.0
<b>Low Weight Births (&lt;2,500 Grams)</b>	16	13.7	0	0.0	*	*	6	10.9	8	17.8
Very Low Weight Births (<1,500 Grams)	4	3.4	0	0.0	0	0.0	*	*	3	6.7
<b>Prenatal Care Later than 1st Trimester/No Care</b>	30	25.9	3	75.0	5	41.7	11	20.0	11	25.0
No Prenatal Care	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Preterm Births (&lt;37 Weeks)</b>	12	10.3	0	0.0	0	0.0	5	9.1	7	15.6
<b>Education of Mother &lt;12 Years</b>	41	35.0	4	100.0	8	66.7	16	29.1	13	28.9
<b>Live Births to Unmarried Women</b>	49	41.9	3	75.0	12	100.0	24	43.6	10	22.2
<b>Smoking During Pregnancy</b>	4	3.4	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, 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: Lake county residents, 2002**

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>	48	100.0	67	100.0	0	0.0	*	*	*	*
<b>Age of Mother</b>										
10-17	0	0.0	4	6.0	0	0.0	0	0.0	0	0.0
18-19	0	0.0	12	17.9	0	0.0	0	0.0	0	0.0
20-29	22	45.8	31	46.3	0	0.0	*	*	*	*
30+	25	52.1	20	29.9	0	0.0	0	0.0	0	0.0
<b>Low Weight Births (&lt;2,500 Grams)</b>	8	16.7	8	11.9	0	0.0	0	0.0	0	0.0
<b>Very Low Weight Births (&lt;1,500 Grams)</b>	*	*	3	4.5	0	0.0	0	0.0	0	0.0
<b>Prenatal Care Later than 1st Trimester/No Care</b>	4	8.3	25	37.9	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>	6	12.5	6	9.0	0	0.0	0	0.0	0	0.0
<b>Education of Mother &lt;12 Years</b>	*	*	39	58.2	0	0.0	0	0.0	0	0.0
<b>Live Births to Unmarried Women</b>	11	22.9	37	55.2	0	0.0	0	0.0	*	*
<b>Smoking During Pregnancy</b>	*	*	*	*	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 of each race/ethnicity group, 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.

## Live births and fertility rates by age group of mother: Lake county residents, 2002

Age Group	Births	Population	Fertility Rate
<b>All Ages</b>	117	1,723	67.9
<b>Teen Age Groups</b>			
13-14	0	101	0.0
15-17	4	150	26.7
18-19	12	117	102.6
10-17	4	431	9.3
10-19	16	548	29.2
<b>All Age Groups</b>			
10-14	0	281	0.0
15-19	16	267	59.9
20-24	31	268	115.7
25-29	24	302	79.5
30-34	31	324	95.7
35-39	11	287	38.3
40-49	3	559	5.4

\* 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 definition of fertility rate.

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

Vital statistics summary: Lake county residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
<b>Total Population</b>	6,205	7,837	7,823	7,824	7,875	7,924	7,857
<b>Total Births</b>							
Number	102	129	133	140	144	117	133
Birth Rate	16.4	16.5	17.0	17.9	18.3	14.8	16.9
General Fertility Rate	70.0	72.9	75.7	80.4	81.1	67.9	75.6
<b>Age of Mother 10-17</b>							
Number	11	15	10	8	11	4	10
Percent of Total Births	10.8	11.6	7.5	5.7	7.6	3.4	7.2
Fertility Rate	32.3	36.3	24.4	19.7	26.4	9.3	23.1
<b>Low Weight Births (&lt;2,500 Grams)</b>							
Number	16	26	16	20	11	16	18
Percent	15.7	20.2	12.0	14.3	7.6	13.7	13.4
<b>Prenatal Care Later Than 1st Trimester</b>							
Number	34	41	53	41	50	30	43
Percent	33.7	32.0	40.5	29.7	35.0	25.9	32.8
<b>Births to Unmarried Women</b>							
Number	21	40	45	48	46	49	46
Percent	20.6	31.0	33.8	34.3	31.9	41.9	34.4
<b>Mother's Education &lt;12 Years</b>							
Number	37	47	46	49	60	41	49
Percent	36.3	37.0	35.1	35.5	41.7	35.3	37.0
<b>Infant Deaths</b>							
Number	*	*	*	3	*	*	*
Rate	*	*	*	21.4	*	*	*
<b>Neonatal Deaths</b>							
Number	*	*	*	0	*	0	*
Rate	*	*	*	0.0	*	0.0	*
<b>Total Deaths</b>							
Number	29	36	49	40	41	35	40
Crude Rate	467.4	459.4	626.4	511.2	520.6	441.7	511.7
Age-Adjusted Rate	847.5	789.9	1075.6	772.4	916.2	742.6	858.9
<b>Cardiovascular Disease</b>							
Number	9	10	18	13	10	13	13
Age-Adjusted Rate	332.8	209.1	485.6	290.8	297.4	335.9	324.3
<b>Heart Disease</b>							
Number	9	9	15	9	7	8	10
Age-Adjusted Rate	332.8	194.1	393.1	177.6	201.2	187.7	232.1
<b>Cerebrovascular Disease</b>							
Number	0	*	3	*	*	3	*

(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: Lake county residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
<b>Age-Adjusted Rate</b>	0.0	*	92.5	*	*	85.7	*
<b>Malignant Neoplasms</b>							
<b>Number</b>	6	10	13	5	8	4	8
<b>Age-Adjusted Rate</b>	129.6	232.1	296.6	82.7	144.2	56.9	163.4
<b>Lung Cancer</b>							
<b>Number</b>	*	*	5	0	*	0	*
<b>Age-Adjusted Rate</b>	*	*	112.0	0.0	*	0.0	*
<b>Breast Cancer</b>							
<b>Number</b>	0	0	*	0	*	*	*
<b>Age-Adjusted Rate</b>	0.0	0.0	*	0.0	*	*	*
<b>Total Unintentional Injuries</b>							
<b>Number</b>	*	5	6	8	4	8	6
<b>Age-Adjusted Rate</b>	*	98.4	64.4	152.3	38.7	111.1	94.3
<b>Motor Vehicle</b>							
<b>Number</b>	*	3	5	3	3	5	4
<b>Age-Adjusted Rate</b>	*	50.0	54.6	36.5	29.4	78.9	50.7
<b>Other Unintentional Injuries</b>							
<b>Number</b>	0	*	*	5	*	3	*
<b>Age-Adjusted Rate</b>	0.0	*	*	115.9	*	32.2	*
<b>Chronic Lower Respiratory Diseases</b>							
<b>Number</b>	*	3	3	0	4	0	*
<b>Age-Adjusted Rate</b>	*	84.4	74.8	0.0	96.5	0.0	*
<b>Suicide</b>							
<b>Number</b>	0	0	*	*	0	*	*
<b>Age-Adjusted Rate</b>	0.0	0.0	*	*	0.0	*	*
<b>Homicide and Legal Intervention</b>							
<b>Number</b>	0	0	*	0	0	0	*
<b>Age-Adjusted Rate</b>	0.0	0.0	*	0.0	0.0	0.0	*
<b>Work-Related Injury</b>							
<b>Number</b>	0	0	0	0	*	0	*
<b>Age-Adjusted Rate</b>	0.0	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: Lake county residents, 2002**

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
<b>Total</b>	35	100.0	25	100.0	10	100.0	0	0.0	0	0.0	0	0.0
<b>Cardiovascular Disease</b>	13	37.1	11	44.0	*	*	0	0.0	0	0.0	0	0.0
Heart Disease	8	22.9	7	28.0	*	*	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	3	8.6	*	*	*	*	0	0.0	0	0.0	0	0.0
Atherosclerosis	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Malignant Neoplasms</b>	4	11.4	3	12.0	*	*	0	0.0	0	0.0	0	0.0
Lung Cancer	0	0.0	0	0.0	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
<b>Chronic Lower Respiratory Disease</b>	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Unintentional Injuries</b>	8	22.9	3	12.0	5	50.0	0	0.0	0	0.0	0	0.0
Motor Vehicle	5	14.3	*	*	4	40.0	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	3	8.6	*	*	*	*	0	0.0	0	0.0	0	0.0
<b>Pneumonia and Influenza</b>	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Suicide</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Diabetes Mellitus</b>	0	0.0	0	0.0	0	0.0	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>	*	*	*	*	0	0.0	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	0	0.0	0	0.0
<b>Septicemia</b>	0	0.0	0	0.0	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	0	0.0	0	0.0
<b>Perinatal Period Conditions</b>	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>All Other</b>	6	17.1	4	16.0	*	*	0	0.0	0	0.0	0	0.0
<b>Injury by Firearm</b>	*	*	*	*	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>	0	0.0	0	0.0	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	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: Lake county residents, 2002

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	35	7,924	4.4
Infant	*	117	*
Neonatal	0	117	0.0
1-4	0	508	0.0
5-9	0	617	0.0
10-14	*	577	*
15-19	*	587	*
20-24	*	629	*
25-29	0	713	0.0
30-34	*	723	*
35-39	3	596	5.0
40-44	*	576	*
45-49	*	637	*
50-54	4	519	7.7
55-59	0	299	0.0
60-64	0	280	0.0
65-69	*	197	*
70-74	3	138	21.7
75-79	*	102	*
80-84	4	50	80.0
85+	9	47	191.5
1-14	*	1,702	*
15-24	3	1,216	2.5
25-64	11	4,343	2.5
65+	19	534	35.6

\* 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: Lake county residents, 2002

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	2.5	6	2.3	5	2.9	19	35.6
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	11	20.6
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	6	11.2
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	5.6
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	*	*	*	*	*	*
Lung Cancer	0	0.0	0	0.0	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
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unintentional Injuries	0	0.0	*	*	*	*	4	1.5	0	0.0	*	*
Motor Vehicle	0	0.0	*	*	0	0.0	3	1.2	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	0	0.0	0	0.0
Suicide	0	0.0	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	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	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	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	0	0.0	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	4	7.5
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	0	0.0	0	0.0
Alcohol-Induced Deaths	0	0.0	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 for selected causes: Lake county residents, 2002**

Cause of Death	N	Crude Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	35	441.7	742.6	489.0	996.3
Cardiovascular Disease	13	164.1	335.9	151.6	520.3
Heart Disease	8	101.0	187.7	438.5	533.0
Cerebrovascular Disease	3	37.9	85.7	214.2	282.6
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	4	50.5	56.9	66.1	106.6
Lung Cancer	0	0.0	0.0	0.0	0.0
Breast Cancer	*	*	*	*	*
Chronic Lower Respiratory Diseases	0	0.0	0.0	0.0	0.0
Unintentional Injuries	8	101.0	111.1	155.1	214.2
Motor Vehicle	5	63.1	78.9	123.2	176.5
Other Unintentional Injuries	3	37.9	32.2	23.1	49.0
Pneumonia and Influenza	0	0.0	0.0	0.0	0.0
Suicide	*	*	*	*	*
Diabetes Mellitus	0	0.0	0.0	0.0	0.0
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	0	0.0	0.0	0.0	0.0
Congenital Anomalies	0	0.0	0.0	0.0	0.0
Perinatal Period Conditions	0	0.0	0.0	0.0	0.0
All Other	6	75.7	150.6	373.7	461.7
Injury by Firearm	*	*	*	*	*
Drug-Induced Deaths	*	*	*	*	*
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

\* 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.