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Larimer County Births and Deaths 2003

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Selected birth characteristics: Larimer county residents, 2003

Characteristic	Number	Percent
Total Live Births	3,500	100.0
Age of Mother		
10-17	56	1.6
18-19	185	5.3
20-29	1,774	50.7
30+	1,482	42.4
Low Weight Births (<2,500 Grams)	296	8.5
Very Low Weight Births (<1,500 Grams)	45	1.3
Prenatal Care Later than 1st Trimester/No Care	690	19.8
No Prenatal Care	32	0.9
Preterm Births (<37 Weeks)	339	9.7
Education of Mother <12 Years	459	13.1
Live Births to Unmarried Women	810	23.1
Smoking During Pregnancy	360	10.3

* 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: Larimer county residents, 2003

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	3,500	100.0	56	100.0	185	100.0	1,774	100.0	1,482	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	2,785	79.6	28	50.0	127	68.6	1,355	76.4	1,272	85.8
White Hispanic	558	15.9	26	46.4	52	28.1	343	19.3	137	9.2
Black	30	0.9	*	*	*	*	13	0.7	14	0.9
Other	127	3.6	*	*	4	2.2	63	3.6	59	4.0
Low Weight Births (<2,500 Grams)	296	8.5	5	8.9	21	11.4	136	7.7	133	9.0
Very Low Weight Births (<1,500 Grams)	45	1.3	0	0.0	4	2.2	16	0.9	25	1.7
Prenatal Care Later than 1st Trimester/No Care	690	19.8	29	51.8	74	40.4	368	20.9	217	14.7
No Prenatal Care	32	0.9	*	*	4	2.2	19	1.1	6	0.4
Preterm Births (<37 Weeks)	339	9.7	4	7.1	20	10.8	158	8.9	156	10.5
Education of Mother <12 Years	459	13.1	46	82.1	89	48.1	271	15.3	53	3.6
Live Births to Unmarried Women	810	23.1	50	89.3	136	73.5	519	29.3	104	7.0
Smoking During Pregnancy	360	10.3	12	21.4	49	26.5	219	12.4	78	5.3

* 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: Larimer county residents, 2003

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	2,785	100.0	558	100.0	30	100.0	104	100.0	23	100.0
Age of Mother										
10-17	28	1.0	26	4.7	*	*	0	0.0	*	*
18-19	127	4.6	52	9.3	*	*	0	0.0	4	17.4
20-29	1,355	48.7	343	61.5	13	43.3	50	48.1	13	56.5
30+	1,272	45.7	137	24.6	14	46.7	54	51.9	5	21.7
Low Weight Births (<2,500 Grams)	238	8.5	45	8.1	*	*	8	7.7	3	13.0
Very Low Weight Births (<1,500 Grams)	37	1.3	7	1.3	0	0.0	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	460	16.6	186	33.6	10	33.3	25	24.0	9	39.1
No Prenatal Care	17	0.6	12	2.2	*	*	*	*	*	*
Preterm Births (<37 Weeks)	281	10.1	44	7.9	3	10.0	8	7.7	3	13.0
Education of Mother <12 Years	199	7.1	249	44.6	4	13.3	*	*	6	26.1
Live Births to Unmarried Women	522	18.7	259	46.4	13	43.3	5	4.8	11	47.8
Smoking During Pregnancy	314	11.3	35	6.3	5	16.7	*	*	5	21.7

** 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 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 by age group of mother: Larimer county residents, 2003

Age Group	Births	Population	Fertility Rate
All Ages	3,500	61,405	57.0
Teen Age Groups			
13-14	*	3,531	*
15-17	55	5,598	9.8
18-19	185	5,660	32.7
10-17	56	14,244	3.9
10-19	241	19,904	12.1
All Age Groups			
10-14	*	8,646	*
15-19	240	11,258	21.3
20-24	785	11,369	69.0
25-29	989	9,940	99.5
30-34	973	9,145	106.4
35-39	412	8,941	46.1
40-49	97	21,756	4.5

** 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: Larimer county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Total Population	206,843	246,156	253,131	259,718	262,711	265,493	257,442
Total Births							
Number	2,721	3,144	3,258	3,282	3,298	3,500	3,296
Birth Rate	13.2	12.8	12.9	12.6	12.6	13.2	12.8
General Fertility Rate	51.5	52.9	53.8	53.4	53.7	57.0	54.2
Age of Mother 10-17							
Number	88	92	81	104	92	56	85
Percent of Total Births	3.2	2.9	2.5	3.2	2.8	1.6	2.6
Fertility Rate	8.2	6.9	5.9	7.3	6.5	3.9	6.1
Low Weight Births (<2,500 Grams)							
Number	181	257	253	228	254	296	258
Percent	6.7	8.2	7.8	6.9	7.7	8.5	7.8
Prenatal Care Later Than 1st Trimester							
Number	595	561	605	612	666	690	627
Percent	22.6	18.0	19.1	18.8	20.3	19.8	19.2
Births to Unmarried Women							
Number	507	716	727	714	796	810	753
Percent	18.6	22.8	22.3	21.8	24.1	23.1	22.8
Mother's Education <12 Years							
Number	310	403	406	404	459	459	426
Percent	11.7	13.0	12.8	12.6	14.0	13.2	13.1
Infant Deaths							
Number	13	14	16	17	16	23	17
Rate	4.8	4.5	4.9	5.2	4.9	6.6	5.2
Neonatal Deaths							
Number	5	9	11	9	10	15	11
Rate	1.8	2.9	3.4	2.7	3.0	4.3	3.3
Total Deaths							
Number	1,139	1,417	1,498	1,528	1,552	1,545	1,508
Crude Rate	550.7	575.7	591.8	588.3	590.8	581.9	585.8
Age-Adjusted Rate	721.8	729.7	742.1	726.0	724.6	708.3	725.9
Cardiovascular Disease							
Number	415	477	506	498	540	489	502
Age-Adjusted Rate	273.3	253.7	257.8	243.4	259.4	233.4	249.3
Heart Disease							
Number	327	354	364	348	378	359	361
Age-Adjusted Rate	214.2	187.8	183.9	169.0	180.6	171.0	178.1

(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: Larimer county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Cerebrovascular Disease							
Number	78	88	113	121	120	96	108
Age-Adjusted Rate	52.2	47.0	59.0	60.0	58.4	46.4	54.2
Malignant Neoplasms							
Number	241	334	334	349	355	352	345
Age-Adjusted Rate	151.2	170.7	164.3	164.1	165.8	158.9	164.7
Lung Cancer							
Number	58	76	78	77	82	89	80
Age-Adjusted Rate	36.2	39.7	38.4	36.5	38.3	41.8	38.9
Breast Cancer							
Number	16	28	29	26	25	26	27
Age-Adjusted Rate	9.9	13.7	13.5	12.2	10.9	11.0	12.2
Total Unintentional Injuries							
Number	60	76	88	69	89	97	84
Age-Adjusted Rate	31.5	33.1	37.4	28.4	36.2	37.1	34.5
Motor Vehicle							
Number	30	29	37	37	38	51	38
Age-Adjusted Rate	15.5	11.4	14.5	14.0	14.2	17.9	14.5
Other Unintentional Injuries							
Number	30	47	51	32	51	46	45
Age-Adjusted Rate	16.0	21.7	23.0	14.5	22.0	19.2	20.0
Chronic Lower Respiratory Diseases							
Number	76	80	81	94	83	79	83
Age-Adjusted Rate	48.5	43.1	41.4	46.2	39.3	38.0	41.6
Suicide							
Number	36	28	37	43	31	45	37
Age-Adjusted Rate	17.8	10.7	14.9	16.3	11.8	16.7	14.2
Homicide and Legal Intervention							
Number	*	8	*	3	3	3	4
Age-Adjusted Rate	*	3.1	*	1.3	1.1	1.1	1.4
Work-Related Injury							
Number	3	*	4	3	4	4	3
Age-Adjusted Rate	1.4	*	1.7	1.3	1.5	1.5	1.3

* 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: Larimer county residents, 2003

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	1,545	100.0	1,470	100.0	66	100.0	3	100.0	4	100.0	*	*
Cardiovascular Disease	489	31.7	478	32.5	11	16.7	0	0.0	0	0.0	0	0.0
Heart Disease	359	23.2	350	23.8	9	13.6	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	96	6.2	94	6.4	*	*	0	0.0	0	0.0	0	0.0
Atherosclerosis	11	0.7	11	0.7	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	352	22.8	324	22.0	22	33.3	*	*	3	75.0	*	*
Lung Cancer	89	5.8	81	5.5	6	9.1	0	0.0	*	*	*	*
Breast Cancer	26	1.7	25	1.7	*	*	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	79	5.1	78	5.3	*	*	0	0.0	0	0.0	0	0.0
Unintentional Injuries	97	6.3	83	5.6	11	16.7	*	*	*	*	0	0.0
Motor Vehicle	51	3.3	46	3.1	4	6.1	0	0.0	*	*	0	0.0
Other Unintentional Injuries	46	3.0	37	2.5	7	10.6	*	*	0	0.0	0	0.0
Pneumonia and Influenza	45	2.9	42	2.9	3	4.5	0	0.0	0	0.0	0	0.0
Suicide	45	2.9	44	3.0	*	*	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	36	2.3	34	2.3	*	*	0	0.0	0	0.0	0	0.0
HIV Infection	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	19	1.2	17	1.2	*	*	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	50	3.2	49	3.3	*	*	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	19	1.2	19	1.3	0	0.0	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention	3	0.2	3	0.2	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	18	1.2	18	1.2	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies	5	0.3	5	0.3	0	0.0	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	11	0.7	10	0.7	*	*	0	0.0	0	0.0	0	0.0
All Other	276	17.9	265	18.0	11	16.7	0	0.0	0	0.0	0	0.0
Injury by Firearm	22	1.4	21	1.4	*	*	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	27	1.7	23	1.6	4	6.1	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	15	1.0	13	0.9	*	*	0	0.0	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	4	0.3	*	*	*	*	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: Larimer county residents, 2003

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	1,545	265,493	5.8
Infant	23	3,500	6.6
Neonatal	15	3,500	4.3
1-4	4	12,982	0.3
5-9	*	16,206	*
10-14	*	17,675	*
15-19	12	22,711	0.5
20-24	21	23,429	0.9
25-29	14	21,083	0.7
30-34	10	19,361	0.5
35-39	26	17,947	1.4
40-44	29	21,182	1.4
45-49	44	21,700	2.0
50-54	70	18,629	3.8
55-59	72	13,760	5.2
60-64	86	9,682	8.9
65-69	91	7,293	12.5
70-74	104	6,379	16.3
75-79	207	5,230	39.6
80-84	232	3,731	62.2
85+	497	3,156	157.5
1-14	7	46,863	0.1
15-24	33	46,140	0.7
25-64	351	143,344	2.4
65+	1,131	25,789	43.9

* 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 by age group: Larimer county residents, 2003

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	23	6.6	7	0.1	33	0.7	79	1.0	272	4.3	1,131	43.9
Cardiovascular Disease	0	0.0	0	0.0	*	*	9	0.1	51	0.8	428	16.6
Heart Disease	0	0.0	0	0.0	0	0.0	7	0.1	41	0.6	311	12.1
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	6	0.1	88	3.4
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11	0.4
Malignant Neoplasms	0	0.0	*	*	0	0.0	11	0.1	98	1.5	242	9.4
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	13	0.2	74	2.9
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	11	0.2	13	0.5
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	8	0.1	71	2.8
Unintentional Injuries	*	*	*	*	23	0.5	25	0.3	23	0.4	23	0.9
Motor Vehicle	0	0.0	*	*	18	0.4	17	0.2	12	0.2	3	0.1
Other Unintentional Injuries	*	*	0	0.0	5	0.1	8	0.1	11	0.2	20	0.8
Pneumonia and Influenza	0	0.0	*	*	0	0.0	0	0.0	4	0.1	40	1.6
Suicide	0	0.0	0	0.0	4	0.1	14	0.2	23	0.4	4	0.2
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	11	0.2	24	0.9
HIV Infection	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	3	0.0	9	0.1	7	0.3
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	50	1.9
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	3	0.0	16	0.6
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	5	0.1	11	0.4
Congenital Anomalies	3	0.9	*	*	*	*	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	11	3.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	5	1.4	3	0.1	*	*	15	0.2	37	0.6	214	8.3
Injury by Firearm	0	0.0	0	0.0	*	*	6	0.1	9	0.1	5	0.2
Drug-Induced Deaths	0	0.0	0	0.0	5	0.1	10	0.1	11	0.2	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	3	0.0	9	0.1	3	0.1
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	*	*	3	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:
Larimer county residents, 2003**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	1,545	581.9	708.3	674.0	742.5
Cardiovascular Disease	489	184.2	233.4	213.1	253.8
Heart Disease	359	135.2	171.0	153.5	188.5
Cerebrovascular Disease	96	36.2	46.4	37.2	55.7
Atherosclerosis	11	4.1	5.4	0.1	0.5
Malignant Neoplasms	352	132.6	158.9	142.2	175.6
Lung Cancer	89	33.5	41.8	33.1	50.6
Breast Cancer	26	9.8	11.0	6.7	15.3
Chronic Lower Respiratory Diseases	79	29.8	38.0	29.6	46.4
Unintentional Injuries	97	36.5	37.1	29.6	44.6
Motor Vehicle	51	19.2	17.9	13.0	22.9
Other Unintentional Injuries	45	16.9	18.8	13.2	24.3
Pneumonia and Influenza	45	16.9	21.7	15.3	28.0
Suicide	45	16.9	16.7	11.8	21.6
Diabetes Mellitus	36	13.6	16.3	10.9	21.7
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	19	7.2	7.8	4.3	11.4
Alzheimer's Disease	50	18.8	24.7	17.9	31.5
Nephritis, Nephrosis, Nephrotic Syndrome	19	7.2	9.0	4.9	13.0
Homicide and Legal Intervention	3	1.1	1.1	0.0	0.2
Septicemia	18	6.8	7.9	4.2	11.6
Congenital Anomalies	5	1.9	2.0	0.0	0.2
Perinatal Period Conditions	11	4.1	4.5	0.1	0.4
All Other	276	104.0	128.8	113.6	144.0
Injury by Firearm	22	8.3	8.6	4.9	12.2
Drug-Induced Deaths	27	10.2	9.6	6.0	13.3
Alcohol-Induced Deaths	15	5.6	5.9	2.9	8.9
Work-Related Injury (Y/N Check Death Certificate)	4	1.5	1.5	0.0	0.2

** 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.*