

For more information about these tables contact the [Health Statistics Section](#) of the Colorado Department of Public Health and Environment at 303.692.2160.

Grand County Births and Deaths 2002

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Selected birth characteristics: Grand county residents, 2002

Characteristic	Number	Percent
Total Live Births	159	100.0
Age of Mother		
10-17	*	*
18-19	11	6.9
20-29	71	44.7
30+	75	47.2
Low Weight Births (<2,500 Grams)	16	10.1
Very Low Weight Births (<1,500 Grams)	*	*
Prenatal Care Later than 1st Trimester/No Care	26	16.4
No Prenatal Care	3	1.9
Preterm Births (<37 Weeks)	18	11.3
Education of Mother <12 Years	14	8.8
Live Births to Unmarried Women	31	19.5
Smoking During Pregnancy	22	13.8

* 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: Grand county residents, 2002

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	159	100.0	*	*	11	100.0	71	100.0	75	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	144	90.6	*	*	9	81.8	63	88.7	70	93.3
White Hispanic	13	8.2	0	0.0	*	*	7	9.9	4	5.3
Black	*	*	0	0.0	0	0.0	*	*	0	0.0
Other	*	*	0	0.0	0	0.0	0	0.0	*	*
Low Weight Births (<2,500 Grams)	16	10.1	0	0.0	0	0.0	5	7.0	11	14.7
Very Low Weight Births (<1,500 Grams)	*	*	0	0.0	0	0.0	0	0.0	*	*
Prenatal Care Later than 1st Trimester/No Care	26	16.6	0	0.0	*	*	12	17.1	12	16.2
No Prenatal Care	3	1.9	0	0.0	0	0.0	0	0.0	3	4.1
Preterm Births (<37 Weeks)	18	11.3	0	0.0	*	*	6	8.5	11	14.7
Education of Mother <12 Years	14	8.8	*	*	4	36.4	4	5.6	4	5.3
Live Births to Unmarried Women	31	19.5	*	*	7	63.6	16	22.5	6	8.0
Smoking During Pregnancy	22	13.8	0	0.0	4	36.4	10	14.1	8	10.7

* 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, 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: Grand county residents, 2002

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	144	100.0	13	100.0	*	*	*	*	0	0.0
Age of Mother										
10-17	*	*	0	0.0	0	0.0	0	0.0	0	0.0
18-19	9	6.3	*	*	0	0.0	0	0.0	0	0.0
20-29	63	43.8	7	53.8	*	*	0	0.0	0	0.0
30+	70	48.6	4	30.8	0	0.0	*	*	0	0.0
Low Weight Births (<2,500 Grams)	16	11.1	0	0.0	0	0.0	0	0.0	0	0.0
Very Low Weight Births (<1,500 Grams)	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	22	15.5	4	30.8	0	0.0	0	0.0	0	0.0
No Prenatal Care	3	2.1	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	17	11.8	*	*	0	0.0	0	0.0	0	0.0
Education of Mother <12 Years	11	7.6	3	23.1	0	0.0	0	0.0	0	0.0
Live Births to Unmarried Women	28	19.4	3	23.1	0	0.0	0	0.0	0	0.0
Smoking During Pregnancy	20	13.9	*	*	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 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: Grand county residents, 2002

Age Group	Births	Population	Fertility Rate
All Ages	159	2,901	54.8
Teen Age Groups			
13-14	0	177	0.0
15-17	*	258	*
18-19	11	154	71.4
10-17	*	661	*
10-19	13	815	16.0
All Age Groups			
10-14	0	403	0.0
15-19	13	412	31.6
20-24	27	338	79.9
25-29	44	463	95.0
30-34	47	504	93.3
35-39	19	568	33.5
40-49	9	1,233	7.3

* 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 definition of fertility rate.

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

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

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Total Population	8,603	11,408	11,997	12,533	12,907	13,455	12,460
Total Births							
Number	79	136	154	148	161	159	152
Birth Rate	9.2	11.9	12.8	11.8	12.5	11.8	12.2
General Fertility Rate	38.4	52.9	57.5	53.5	57.2	54.8	55.2
Age of Mother 10-17							
Number	*	*	3	3	3	*	*
Percent of Total Births	*	*	1.9	2.0	1.9	*	*
Fertility Rate	*	*	4.9	4.6	4.6	*	*
Low Weight Births (<2,500 Grams)							
Number	5	16	22	18	18	16	18
Percent	6.3	11.8	14.3	12.2	11.2	10.1	11.9
Prenatal Care Later Than 1st Trimester							
Number	9	14	10	18	21	26	18
Percent	11.4	10.3	6.5	12.3	13.7	16.6	11.9
Births to Unmarried Women							
Number	15	29	32	32	39	31	33
Percent	19.0	21.3	20.8	21.6	24.2	19.5	21.5
Mother's Education <12 Years							
Number	8	8	5	14	13	14	11
Percent	10.5	5.9	3.3	9.6	8.4	8.9	7.3
Infant Deaths							
Number	*	0	*	0	*	0	*
Rate	*	0.0	*	0.0	*	0.0	*
Neonatal Deaths							
Number	*	0	*	0	0	0	*
Rate	*	0.0	*	0.0	0.0	0.0	*
Total Deaths							
Number	31	48	55	69	61	56	58
Crude Rate	360.3	420.8	458.4	550.5	472.6	416.2	463.9
Age-Adjusted Rate	610.3	733.1	761.7	945.1	764.6	578.4	754.9
Cardiovascular Disease							
Number	13	16	17	26	16	27	20
Age-Adjusted Rate	265.7	251.3	226.5	391.4	250.6	336.8	293.4
Heart Disease							
Number	10	11	12	19	10	19	14
Age-Adjusted Rate	199.2	168.0	144.2	270.7	156.0	238.9	197.1
Cerebrovascular Disease							
Number	3	4	4	3	6	4	4

(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: Grand county residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Age-Adjusted Rate	66.4	74.7	72.2	62.0	94.6	46.3	69.4
Malignant Neoplasms							
Number	4	11	8	11	16	11	11
Age-Adjusted Rate	76.8	161.8	95.8	135.2	183.2	83.2	130.8
Lung Cancer							
Number	*	5	*	4	*	5	4
Age-Adjusted Rate	*	88.8	*	45.8	*	36.0	40.0
Breast Cancer							
Number	*	*	0	*	4	0	*
Age-Adjusted Rate	*	*	0.0	*	39.3	0.0	*
Total Unintentional Injuries							
Number	0	4	8	9	6	8	7
Age-Adjusted Rate	0.0	33.5	66.6	94.2	40.1	59.3	58.8
Motor Vehicle							
Number	0	*	5	4	4	4	4
Age-Adjusted Rate	0.0	*	45.6	29.2	25.9	31.7	29.7
Other Unintentional Injuries							
Number	0	*	3	5	*	4	3
Age-Adjusted Rate	0.0	*	21.1	65.0	*	27.6	29.1
Chronic Lower Respiratory Diseases							
Number	3	*	4	*	*	4	*
Age-Adjusted Rate	62.7	*	62.3	*	*	59.8	*
Suicide							
Number	3	0	*	3	*	*	*
Age-Adjusted Rate	25.8	0.0	*	21.3	*	*	*
Homicide and Legal Intervention							
Number	0	0	0	*	*	0	*
Age-Adjusted Rate	0.0	0.0	0.0	*	*	0.0	*
Work-Related Injury							
Number	0	0	0	0	*	*	*
Age-Adjusted Rate	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: Grand county residents, 2002

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	56	100.0	56	100.0	0	0.0	0	0.0	0	0.0	0	0.0
Cardiovascular Disease	27	48.2	27	48.2	0	0.0	0	0.0	0	0.0	0	0.0
Heart Disease	19	33.9	19	33.9	0	0.0	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	4	7.1	4	7.1	0	0.0	0	0.0	0	0.0	0	0.0
Atherosclerosis	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	11	19.6	11	19.6	0	0.0	0	0.0	0	0.0	0	0.0
Lung Cancer	5	8.9	5	8.9	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	0	0.0
Chronic Lower Respiratory Disease	4	7.1	4	7.1	0	0.0	0	0.0	0	0.0	0	0.0
Unintentional Injuries	8	14.3	8	14.3	0	0.0	0	0.0	0	0.0	0	0.0
Motor Vehicle	4	7.1	4	7.1	0	0.0	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	4	7.1	4	7.1	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
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	0	0.0
Alzheimer's Disease	0	0.0	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	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	4	7.1	4	7.1	0	0.0	0	0.0	0	0.0	0	0.0
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
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

* 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: Grand county residents, 2002

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	56	13,455	4.2
Infant	0	159	0.0
Neonatal	0	159	0.0
1-4	0	659	0.0
5-9	0	738	0.0
10-14	0	817	0.0
15-19	3	863	3.5
20-24	*	788	*
25-29	0	1,017	0.0
30-34	*	1,140	*
35-39	*	1,126	*
40-44	3	1,226	2.4
45-49	5	1,322	3.8
50-54	3	1,169	2.6
55-59	4	788	5.1
60-64	4	552	7.2
65-69	6	414	14.5
70-74	10	336	29.8
75-79	4	175	22.9
80-84	6	89	67.4
85+	5	74	67.6
1-14	0	2,214	0.0
15-24	4	1,651	2.4
25-64	21	8,340	2.5
65+	31	1,088	28.5

* 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: Grand 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	0	0.0	0	0.0	4	2.4	5	1.1	16	4.2	31	28.5
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	*	*	6	1.6	20	18.4
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	5	1.3	14	12.9
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	*	*	*	*
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	0	0.0	5	1.3	6	5.5
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	3	0.8	*	*
Breast Cancer	0	0.0	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	4	3.7
Unintentional Injuries	0	0.0	0	0.0	4	2.4	*	*	*	*	0	0.0
Motor Vehicle	0	0.0	0	0.0	3	1.8	0	0.0	*	*	0	0.0
Other Unintentional Injuries	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
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	0	0.0
Alzheimer's Disease	0	0.0	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	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	*	*	*	*	*	*
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

* 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:
Grand county residents, 2002**

Cause of Death	N	Crude Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	56	416.2	578.4	413.1	743.8
Cardiovascular Disease	27	200.7	336.8	199.8	473.9
Heart Disease	19	141.2	238.9	122.1	355.7
Cerebrovascular Disease	4	29.7	46.3	52.1	79.3
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	11	81.8	83.2	51.8	78.9
Lung Cancer	5	37.2	36.0	18.8	36.3
Breast Cancer	0	0.0	0.0	0.0	0.0
Chronic Lower Respiratory Diseases	4	29.7	59.8	77.8	110.3
Unintentional Injuries	8	59.5	59.3	34.3	56.9
Motor Vehicle	4	29.7	31.7	17.6	34.6
Other Unintentional Injuries	4	29.7	27.6	12.8	27.7
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	0	0.0	0.0	0.0	0.0
Alzheimer's Disease	0	0.0	0.0	0.0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0.0	0.0	0.0
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	4	29.7	26.5	11.9	26.3
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)	*	*	*	*	*

* 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.