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# Grand County Births and Deaths 2004

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**Selected birth characteristics: Grand county residents, 2004**

Characteristic	Number	Percent
Total Live Births	128	100.0
Age of Mother		
10-17	*	*
18-19	8	6.3
20-29	62	48.4
30+	57	44.5
Low Weight Births (<2,500 Grams)	11	8.6
Very Low Weight Births (<1,500 Grams)	*	*
Prenatal Care Later than 1st Trimester/No Care	17	13.3
No Prenatal Care	0	0.0
Preterm Births (<37 Weeks)	12	9.4
Education of Mother <12 Years	11	8.6
Live Births to Unmarried Women	22	17.2
Smoking During Pregnancy	11	8.6

*\* 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: Grand 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	128	100.0	*	*	8	100.0	62	100.0	57	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	105	82.0	0	0.0	5	62.5	50	80.6	50	87.7
White Hispanic	20	15.6	*	*	3	37.5	12	19.4	4	7.0
Black	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	3	2.3	0	0.0	0	0.0	0	0.0	3	5.3
Low Weight Births (<2,500 Grams)	11	8.6	0	0.0	0	0.0	6	9.7	5	8.8
Very Low Weight Births (<1,500 Grams)	*	*	0	0.0	0	0.0	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	17	13.3	0	0.0	0	0.0	12	19.4	5	8.8
No Prenatal Care	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	12	9.4	0	0.0	*	*	5	8.1	6	10.5
Education of Mother <12 Years	11	8.6	*	*	3	37.5	4	6.5	3	5.3
Live Births to Unmarried Women	22	17.2	*	*	4	50.0	12	19.4	5	8.8
Smoking During Pregnancy	11	8.6	0	0.0	0	0.0	7	11.3	4	7.0

*\* 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: Grand county residents, 2004**

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	105	100.0	20	100.0	0	0.0	*	*	*	*
Age of Mother										
10-17	0	0.0	*	*	0	0.0	0	0.0	0	0.0
18-19	5	4.8	3	15.0	0	0.0	0	0.0	0	0.0
20-29	50	47.6	12	60.0	0	0.0	0	0.0	0	0.0
30+	50	47.6	4	20.0	0	0.0	*	*	*	*
Low Weight Births (<2,500 Grams)	10	9.5	*	*	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	12	11.4	5	25.0	0	0.0	0	0.0	0	0.0
No Prenatal Care	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	11	10.5	*	*	0	0.0	0	0.0	0	0.0
Education of Mother <12 Years	3	2.9	8	40.0	0	0.0	0	0.0	0	0.0
Live Births to Unmarried Women	18	17.1	4	20.0	0	0.0	0	0.0	0	0.0
Smoking During Pregnancy	11	10.5	0	0.0	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: Grand county residents, 2004

Age Group	Births	Population	Fertility Rate
All Ages	128	2,890	44.3
Teen Age Groups			
13-14	0	159	0.0
15-17	*	271	*
18-19	8	161	49.7
10-17	*	653	*
10-19	9	814	11.1
All Age Groups			
10-14	0	382	0.0
15-19	9	432	20.8
20-24	29	332	87.4
25-29	33	461	71.6
30-34	30	515	58.3
35-39	22	560	39.3
40-49	5	1,228	4.1

*\* 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: Grand county residents, 1994, 2000-2004**

	1994	2000	2001	2002	2003	2004	2000-2004 Annual Average
<b>Total Population</b>	9,344	12,885	13,252	13,421	13,727	13,948	13,447
<b>Total Births</b>							
Number	120	149	160	160	153	128	150
Birth Rate	12.8	11.6	12.1	11.9	11.1	9.2	11.2
General Fertility Rate	54.7	52.4	55.3	55.6	53.0	44.3	52.1
<b>Age of Mother 10-17</b>							
Number	4	3	3	*	*	*	*
Percent of Total Births	3.3	2.0	1.9	*	*	*	*
Fertility Rate	8.2	4.5	4.5	*	*	*	*
<b>Low Weight Births (&lt;2,500 Grams)</b>							
Number	14	18	18	16	19	11	16
Percent	11.7	12.1	11.3	10.0	12.4	8.6	10.9
<b>Prenatal Care Later Than 1st Trimester</b>							
Number	20	18	20	26	15	17	19
Percent	16.8	12.2	13.2	16.5	10.3	13.3	13.1
<b>Births to Unmarried Women</b>							
Number	20	32	39	33	31	22	31
Percent	16.7	21.5	24.4	20.6	20.3	17.2	20.9
<b>Mother's Education &lt;12 Years</b>							
Number	11	14	13	14	20	11	14
Percent	9.3	9.5	8.5	8.8	13.2	8.8	9.8
<b>Infant Deaths</b>							
Number	0	0	*	0	0	0	*
Rate	0.0	0.0	*	0.0	0.0	0.0	*
<b>Neonatal Deaths</b>							
Number	0	0	0	0	0	0	0
Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Deaths</b>							
Number	36	71	60	56	55	59	60
Crude Rate	385.3	551.0	452.8	417.3	400.7	423.0	447.7
Age-Adjusted Rate	523.4	940.0	717.1	550.9	642.0	629.0	681.2
<b>Cardiovascular Disease</b>							
Number	7	26	16	27	13	20	20
Age-Adjusted Rate	129.8	381.3	235.8	316.1	198.4	237.1	267.0
<b>Heart Disease</b>							

(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, 1994, 2000-2004**

	1994	2000	2001	2002	2003	2004	2000-2004 Annual Average
<b>Number</b>	6	19	10	19	9	15	14
<b>Age-Adjusted Rate</b>	119.4	264.2	146.3	223.5	139.9	172.7	187.2
<b>Cerebrovascular Disease</b>							
<b>Number</b>	*	3	6	4	*	5	4
<b>Age-Adjusted Rate</b>	*	59.8	89.5	44.4	*	64.4	55.4
<b>Malignant Neoplasms</b>							
<b>Number</b>	11	11	15	11	13	14	13
<b>Age-Adjusted Rate</b>	144.4	131.3	166.2	79.9	105.2	114.1	117.7
<b>Lung Cancer</b>							
<b>Number</b>	3	4	*	5	*	4	3
<b>Age-Adjusted Rate</b>	32.2	44.4	*	35.0	*	36.5	29.5
<b>Breast Cancer</b>							
<b>Number</b>	0	*	4	0	*	0	*
<b>Age-Adjusted Rate</b>	0.0	*	37.8	0.0	*	0.0	*
<b>Total Unintentional Injuries</b>							
<b>Number</b>	6	11	6	8	5	3	7
<b>Age-Adjusted Rate</b>	60.4	110.5	39.1	59.9	55.0	19.9	55.4
<b>Motor Vehicle</b>							
<b>Number</b>	5	4	4	4	0	*	*
<b>Age-Adjusted Rate</b>	51.3	28.4	25.2	32.0	0.0	*	*
<b>Other Unintentional Injuries</b>							
<b>Number</b>	*	7	*	4	5	*	4
<b>Age-Adjusted Rate</b>	*	82.2	*	27.9	55.0	*	35.8
<b>Chronic Lower Respiratory Diseases</b>							
<b>Number</b>	0	*	*	4	*	*	*
<b>Age-Adjusted Rate</b>	0.0	*	*	56.1	*	*	*
<b>Suicide</b>							
<b>Number</b>	*	3	*	*	*	6	*
<b>Age-Adjusted Rate</b>	*	20.7	*	*	*	42.7	*
<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	0	*
<b>Age-Adjusted Rate</b>	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, 2004**

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
<b>Total</b>	59	100.0	55	100.0	4	100.0	0	0.0	0	0.0	0	0.0
<b>Cardiovascular Disease</b>	20	33.9	19	34.5	*	*	0	0.0	0	0.0	0	0.0
Heart Disease	15	25.4	14	25.5	*	*	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	5	8.5	5	9.1	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	0	0.0	0	0.0
<b>Malignant Neoplasms</b>	14	23.7	13	23.6	*	*	0	0.0	0	0.0	0	0.0
Lung Cancer	4	6.8	4	7.3	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	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Unintentional Injuries</b>	3	5.1	3	5.5	0	0.0	0	0.0	0	0.0	0	0.0
Motor Vehicle	*	*	*	*	0	0.0	0	0.0	0	0.0	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
Suicide	6	10.2	6	10.9	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
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	3	5.1	3	5.5	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	9	15.3	7	12.7	*	*	0	0.0	0	0.0	0	0.0
<b>Injury by Firearm</b>	6	10.2	6	10.9	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	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.  
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, 2004**

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	59	13,948	4.2
Infant	0	128	0.0
Neonatal	0	128	0.0
1-4	0	669	0.0
5-9	0	805	0.0
10-14	0	785	0.0
15-19	0	867	0.0
20-24	0	742	0.0
25-29	3	1,006	3.0
30-34	*	1,173	*
35-39	*	1,139	*
40-44	4	1,184	3.4
45-49	*	1,311	*
50-54	6	1,241	4.8
55-59	*	917	*
60-64	*	621	*
65-69	5	490	10.2
70-74	7	401	17.5
75-79	7	252	27.8
80-84	6	124	48.4
85+	13	78	166.7
1-14	0	2,259	0.0
15-24	0	1,609	0.0
25-64	21	8,592	2.4
65+	38	1,345	28.3

*\* 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, 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	0	0.0	0	0.0	10	2.2	11	2.7	38	28.3
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	*	*	4	1.0	15	11.2
Heart Disease	0	0.0	0	0.0	0	0.0	*	*	3	0.7	11	8.2
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	4	3.0
Atherosclerosis	0	0.0	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	*	*	4	1.0	9	6.7
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	*	*	3	2.2
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	*	*
Unintentional Injuries	0	0.0	0	0.0	0	0.0	*	*	0	0.0	*	*
Motor Vehicle	0	0.0	0	0.0	0	0.0	*	*	0	0.0	0	0.0
Other Unintentional Injuries	0	0.0	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	*	*
Suicide	0	0.0	0	0.0	0	0.0	3	0.7	*	*	*	*
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	*	*
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	*	*
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	*	*	*	*	6	4.5
Injury by Firearm	0	0.0	0	0.0	0	0.0	3	0.7	*	*	*	*
Drug-Induced Deaths	0	0.0	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 from selected causes:  
Grand county residents, 2004**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	59	423.0	629.0	459.4	798.7
Cardiovascular Disease	20	143.4	237.1	124.9	349.3
Heart Disease	15	107.5	172.7	77.4	268.0
Cerebrovascular Disease	5	35.8	64.4	83.7	116.6
Atherosclerosis	0	0.0	0.0	0.0	0.0
Malignant Neoplasms	14	100.4	114.1	51.8	176.3
Lung Cancer	4	28.7	36.5	27.2	47.3
Breast Cancer	0	0.0	0.0	0.0	0.0
Chronic Lower Respiratory Diseases	*	*	*	*	*
Unintentional Injuries	3	21.5	19.9	7.9	19.9
Motor Vehicle	*	*	*	*	*
Other Unintentional Injuries	*	*	*	*	*
Pneumonia and Influenza	*	*	*	*	*
Suicide	6	43.0	42.7	24.5	43.7
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	*	*	*	*	*
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	3	21.5	46.8	67.7	97.6
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	9	64.5	96.9	109.9	147.2
Injury by Firearm	6	43.0	42.7	24.5	43.7
Drug-Induced Deaths	0	0.0	0.0	0.0	0.0
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.*