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Grand County Births and Deaths 2001

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Selected birth characteristics with 95% confidence limit: Grand county residents, 2001

Characteristic	Number	Percent	Lower Limit	Upper Limit
Total Live Births	161	100.0	100.0	100.0
Age of Mother				
10-17	3	1.9	0.4	4.5
18-19	7	4.3	0.9	7.8
20-29	70	43.5	35.5	51.4
30+	80	49.7	41.7	57.7
Low Weight Births (<2,500 Grams)	18	11.2	6.0	16.4
Very Low Weight Births (<1,500 Grams)	*	*	*	*
Prenatal Care Later than 1st Trimester/No Care	21	13.0	7.5	18.6
No Prenatal Care	0	0.0	0.0	0.0
Preterm Births (<37 Weeks)	18	11.2	6.0	16.4
Education of Mother <12 Years	13	8.1	3.6	12.6
Live Births to Unmarried Women	39	24.2	17.3	31.2
Smoking During Pregnancy	30	18.6	12.3	25.0

** 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.cdphs.state.co.us/hs for definitions of data items and explanation of confidence limits.

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

Selected birth characteristics by age group of mother: Grand county residents, 2001

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Characteristic										
Total Live Births	161	100.0	3	100.0	7	100.0	70	100.0	80	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	145	90.1	3	100.0	6	85.7	57	81.4	78	97.5
White Hispanic	13	8.1	0	0.0	*	*	10	14.3	*	*
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)	18	11.2	0	0.0	*	*	5	7.1	12	15.0
Very Low Weight Births (<1,500 Grams)	*	*	0	0.0	0	0.0	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	21	13.7	0	0.0	*	*	13	19.7	6	7.9
No Prenatal Care	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	18	11.3	*	*	*	*	6	8.6	9	11.3
Education of Mother <12 Years	13	8.1	3	100.0	0	0.0	8	11.4	*	*
Live Births to Unmarried Women	39	24.2	3	100.0	5	71.4	22	31.4	9	11.3
Smoking During Pregnancy	30	18.8	*	*	5	71.4	14	20.3	10	12.5

* 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, 2001

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Characteristic										
Total Live Births	145	100.0	13	100.0	*	*	*	*	*	*
Age of Mother										
10-17	3	2.1	0	0.0	0	0.0	0	0.0	0	0.0
18-19	6	4.1	*	*	0	0.0	0	0.0	0	0.0
20-29	57	39.3	10	76.9	*	*	*	*	*	*
30+	78	53.8	*	*	0	0.0	0	0.0	0	0.0
Low Weight Births (<2,500 Grams)	16	11.0	*	*	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	16	11.5	4	36.4	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)	17	11.8	*	*	0	0.0	0	0.0	0	0.0
Education of Mother <12 Years	8	5.5	4	30.8	0	0.0	*	*	0	0.0
Live Births to Unmarried Women	33	22.8	5	38.5	0	0.0	0	0.0	*	*
Smoking During Pregnancy	28	19.3	*	*	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 with 95% confidence limits by age of mother: Grand county residents, 2001

	Births	Population	Fertility Rate	Lower Limit	Upper Limit
Age Group					
All Ages	161	2,817	57.2	48.4	65.9
Teenage Group					
13-14	*	176	*	*	*
15-17	*	244	*	*	*
18-19	7	136	51.5	10.7	92.3
10-17	3	649	4.6	0.9	11.3
10-19	10	785	12.7	4.3	21.2
All Age Groups					
10-14	*	405	*	*	*
15-19	9	380	23.7	7.1	40.3
20-24	36	356	101.1	68.4	133.8
25-29	34	427	79.6	52.8	106.5
30-34	45	484	93.0	66.1	119.9
35-39	30	557	53.9	34.2	73.5
40-49	5	1,203	4.2	0.1	8.2

** 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 explanation of confidence limits.

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

Vital statistics summary: Grand county residents, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Total Population	8,382	10,969	11,408	11,997	12,533	12,907	11,963
Total Births							
Number	94	111	136	154	148	161	142
Birth Rate	11.2	10.1	11.9	12.8	11.8	12.5	11.9
General Fertility Rate	46.4	44.5	52.9	57.5	53.5	57.2	53.3
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	9	14	16	22	18	18	18
Percent	9.6	12.6	11.8	14.3	12.2	11.2	12.4
Prenatal Care Later Than 1st Trimester							
Number	16	13	14	10	18	21	15
Percent	17.2	11.8	10.3	6.5	12.3	13.7	10.9
Births to Unmarried Women							
Number	12	21	29	32	32	39	31
Percent	12.8	18.9	21.3	20.8	21.6	24.2	21.5
Mother's Education <12 Years							
Number	11	6	8	5	14	13	9
Percent	12.1	5.6	5.9	3.3	9.6	8.4	6.6
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	37	41	48	55	69	61	55
Crude Rate	441.4	373.8	420.8	458.4	550.5	472.6	458.1
Age-Adjusted Rate	656.7	689.2	733.1	761.7	945.1	764.6	782.2
Cardiovascular Disease							
Number	11	11	16	17	26	16	17
Age-Adjusted Rate	228.0	197.4	251.3	226.5	391.4	250.6	265.3
Heart Disease							
Number	11	8	11	12	19	10	12
Age-Adjusted Rate	228.0	137.8	168.0	144.2	270.7	156.0	176.7

(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, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Cerebrovascular Disease							
Number	0	3	4	4	3	6	4
Age-Adjusted Rate	0.0	59.6	74.7	72.2	62.0	94.6	72.6
Malignant Neoplasms							
Number	7	12	11	8	11	16	12
Age-Adjusted Rate	126.8	196.0	161.8	95.8	135.2	183.2	154.3
Lung Cancer							
Number	3	0	5	*	4	*	*
Age-Adjusted Rate	43.2	0.0	88.8	*	45.8	*	*
Breast Cancer							
Number	0	*	*	0	*	4	*
Age-Adjusted Rate	0.0	*	*	0.0	*	39.3	*
Total Unintentional Injuries							
Number	6	0	4	8	9	6	5
Age-Adjusted Rate	83.3	0.0	33.5	66.6	94.2	40.1	48.1
Motor Vehicle							
Number	4	0	*	5	4	4	3
Age-Adjusted Rate	44.5	0.0	*	45.6	29.2	25.9	23.7
Other Unintentional Injuries							
Number	*	0	*	3	5	*	*
Age-Adjusted Rate	*	0.0	*	21.1	65.0	*	*
Chronic Lower Respiratory Diseases							
Number	*	*	*	4	*	*	*
Age-Adjusted Rate	*	*	*	62.3	*	*	*
Suicide							
Number	4	*	0	*	3	*	*
Age-Adjusted Rate	48.6	*	0.0	*	21.3	*	*
Homicide and Legal Intervention							
Number	0	*	0	0	*	*	*
Age-Adjusted Rate	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, 2001

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	61	100.0	61	100.0	0	0.0	0	0.0	0	0.0	0	0.0
Cardiovascular Disease	16	26.2	16	26.2	0	0.0	0	0.0	0	0.0	0	0.0
Heart Disease	10	16.4	10	16.4	0	0.0	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	6	9.8	6	9.8	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
Malignant Neoplasms	16	26.2	16	26.2	0	0.0	0	0.0	0	0.0	0	0.0
Lung Cancer	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Breast Cancer	4	6.6	4	6.6	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
Unintentional Injuries	6	9.8	6	9.8	0	0.0	0	0.0	0	0.0	0	0.0
Motor Vehicle	4	6.6	4	6.6	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	*	*	*	*	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
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
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
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
All Other	10	16.4	10	16.4	0	0.0	0	0.0	0	0.0	0	0.0
Injury by Firearm	4	6.6	4	6.6	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
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 with 95% confidence limits: Grand county residents, 2001

Age Group	Deaths	Population	Age-Specific Death Rate	Lower Limit	Upper Limit
All Ages	61	12,907	4.7	3.5	5.9
Infant	*	161	*	*	*
Neonatal	0	161	0.0	0.0	0.0
1-4	*	611	*	*	*
5-9	0	704	0.0	0.0	0.0
10-14	0	805	0.0	0.0	0.0
15-19	*	826	*	*	*
20-24	0	817	0.0	0.0	0.0
25-29	*	975	*	*	*
30-34	*	1,074	*	*	*
35-39	*	1,098	*	*	*
40-44	*	1,233	*	*	*
45-49	*	1,280	*	*	*
50-54	*	1,084	*	*	*
55-59	3	701	4.3	0.8	10.5
60-64	6	512	11.7	1.4	22.0
65-69	9	396	22.7	6.8	38.7
70-74	4	318	12.6	3.3	27.7
75-79	7	159	44.0	9.0	79.1
80-84	7	75	93.3	20.8	165.8
85+	10	75	133.3	49.7	216.9
1-14	*	2,120	*	*	*
15-24	*	1,643	*	*	*
25-64	20	7,957	2.5	1.4	3.7
65+	37	1,023	36.2	24.2	48.1

* 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, 2001

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	*	*	*	*	*	*	7	1.6	13	3.6	37	36.2
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	14	13.7
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	9	8.8
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	5	4.9
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	*	*	5	1.4	10	9.8
Lung Cancer	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	3	0.8	*	*
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	4	0.9	*	*	0	0.0
Motor Vehicle	0	0.0	0	0.0	0	0.0	3	0.7	*	*	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	*	*
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
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	0	0.0
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	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
All Other	*	*	0	0.0	0	0.0	0	0.0	*	*	7	6.8
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
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.

Crude death rates are calculated without age adjustment.

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, 2001**

	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
Cause of Death					
All Causes	61	472.6	764.6	560.5	968.6
Cardiovascular Disease	16	124.0	250.6	123.0	378.1
Heart Disease	10	77.5	156.0	238.4	293.9
Cerebrovascular Disease	6	46.5	94.6	143.4	187.3
Atherosclerosis	0	0.0	0.0	0.0	0.0
Malignant Neoplasms	16	124.0	183.2	85.1	281.2
Lung Cancer	*	*	*	*	*
Breast Cancer	4	31.0	39.3	38.7	63.1
Chronic Lower Respiratory Diseases	*	*	*	*	*
Unintentional Injuries	6	46.5	40.1	18.7	36.6
Motor Vehicle	4	31.0	25.9	10.5	24.7
Other Unintentional Injuries	*	*	*	*	*
Pneumonia and Influenza	*	*	*	*	*
Suicide	*	*	*	*	*
Diabetes Mellitus	*	*	*	*	*
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	*	*	*	*	*
Alzheimer's Disease	*	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0.0	0.0	0.0
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	*	*	*	*	*
Congenital Anomalies	0	0.0	0.0	0.0	0.0
Perinatal Period Conditions	*	*	*	*	*
All Other	10	77.5	128.7	173.8	221.8
Injury by Firearm	4	31.0	30.5	15.8	32.6
Drug-Induced Deaths	*	*	*	*	*
Alcohol-Induced Deaths	*	*	*	*	*
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.