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Alamosa County Births and Deaths 2002

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Selected birth characteristics: Alamosa county residents, 2002

Characteristic	Number	Percent
Total Live Births	216	100.0
Age of Mother		
10-17	11	5.1
18-19	22	10.2
20-29	148	68.5
30+	35	16.2
Low Weight Births (<2,500 Grams)	19	8.8
Very Low Weight Births (<1,500 Grams)	0	0.0
Prenatal Care Later than 1st Trimester/No Care	43	19.9
No Prenatal Care	4	1.9
Preterm Births (<37 Weeks)	21	9.7
Education of Mother <12 Years	43	19.9
Live Births to Unmarried Women	91	42.1
Smoking During Pregnancy	21	9.7

* 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 age group of mother: Alamosa 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	216	100.0	11	100.0	22	100.0	148	100.0	35	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	93	43.1	*	*	4	18.2	70	47.3	17	48.6
White Hispanic	114	52.8	9	81.8	17	77.3	71	48.0	17	48.6
Black	*	*	0	0.0	0	0.0	*	*	0	0.0
Other	8	3.7	0	0.0	*	*	6	4.1	*	*
Low Weight Births (<2,500 Grams)	19	8.8	*	*	3	13.6	11	7.4	4	11.4
Very Low Weight Births (<1,500 Grams)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	43	20.2	6	60.0	4	18.2	25	17.1	8	22.9
No Prenatal Care	4	1.9	0	0.0	0	0.0	3	2.1	*	*
Preterm Births (<37 Weeks)	21	9.7	*	*	4	18.2	13	8.8	3	8.6
Education of Mother <12 Years	43	19.9	9	81.8	11	50.0	17	11.5	6	17.1
Live Births to Unmarried Women	91	42.1	11	100.0	21	95.5	48	32.4	11	31.4
Smoking During Pregnancy	21	10.0	*	*	5	22.7	10	6.9	4	11.8

* 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 race/ethnicity of mother: Alamosa 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	93	100.0	114	100.0	*	*	5	100.0	3	100.0
Age of Mother										
10-17	*	*	9	7.9	0	0.0	0	0.0	0	0.0
18-19	4	4.3	17	14.9	0	0.0	*	*	0	0.0
20-29	70	75.3	71	62.3	*	*	3	60.0	3	100.0
30+	17	18.3	17	14.9	0	0.0	*	*	0	0.0
Low Weight Births (<2,500 Grams)	3	3.2	16	14.0	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	0	0.0
Prenatal Care Later than 1st Trimester/No Care	12	12.9	30	26.8	0	0.0	*	*	0	0.0
No Prenatal Care	*	*	3	2.7	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	6	6.5	15	13.2	0	0.0	0	0.0	0	0.0
Education of Mother <12 Years	9	9.7	33	28.9	0	0.0	*	*	0	0.0
Live Births to Unmarried Women	24	25.8	64	56.1	*	*	*	*	*	*
Smoking During Pregnancy	6	6.6	15	13.5	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: Alamosa county residents, 2002

Age Group	Births	Population	Fertility Rate
All Ages	216	3,624	59.6
Teen Age Groups			
13-14	0	230	0.0
15-17	11	393	28.0
18-19	22	431	51.0
10-17	11	977	11.3
10-19	33	1,408	23.4
All Age Groups			
10-14	0	584	0.0
15-19	33	824	40.0
20-24	80	775	103.2
25-29	68	524	129.8
30-34	20	439	45.6
35-39	11	487	22.6
40-49	4	1,135	3.5

* 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 definition of fertility rate.

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

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

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Total Population	13,570	14,621	14,822	15,024	15,281	15,423	15,034
Total Births							
Number	248	218	200	252	239	216	225
Birth Rate	18.3	14.9	13.5	16.8	15.6	14.0	15.0
General Fertility Rate	72.8	61.9	56.4	70.6	66.1	59.6	63.0
Age of Mother 10-17							
Number	19	14	14	14	12	11	13
Percent of Total Births	7.7	6.4	7.0	5.6	5.0	5.1	5.8
Fertility Rate	23.6	15.7	15.5	15.2	12.4	11.3	13.9
Low Weight Births (<2,500 Grams)							
Number	35	18	23	30	34	19	25
Percent	14.1	8.3	11.5	11.9	14.2	8.8	11.0
Prenatal Care Later Than 1st Trimester							
Number	45	36	42	59	60	43	48
Percent	18.7	16.6	21.5	24.8	25.3	20.2	21.8
Births to Unmarried Women							
Number	65	52	62	68	78	91	70
Percent	26.2	23.9	31.0	27.0	32.6	42.1	31.2
Mother's Education <12 Years							
Number	58	54	53	55	52	43	51
Percent	24.1	25.2	27.0	22.4	22.4	20.4	23.4
Infant Deaths							
Number	*	*	3	*	*	*	*
Rate	*	*	15.0	*	*	*	*
Neonatal Deaths							
Number	*	*	*	*	*	*	*
Rate	*	*	*	*	*	*	*
Total Deaths							
Number	94	108	107	104	119	122	112
Crude Rate	692.7	738.7	721.9	692.2	778.7	791.0	745.0
Age-Adjusted Rate	906.5	929.0	892.4	837.9	951.1	953.4	915.1
Cardiovascular Disease							
Number	29	39	37	35	43	39	39
Age-Adjusted Rate	288.3	339.2	315.8	286.1	352.9	316.5	322.2
Heart Disease							
Number	19	31	29	28	32	24	29
Age-Adjusted Rate	186.7	271.8	245.2	229.6	262.5	195.7	240.6
Cerebrovascular Disease							
Number	9	8	6	7	8	12	8

(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: Alamosa county residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Age-Adjusted Rate	91.3	67.5	52.2	56.5	63.4	99.5	68.0
Malignant Neoplasms							
Number	17	17	18	16	16	17	17
Age-Adjusted Rate	168.2	146.9	149.9	138.7	130.7	131.0	139.7
Lung Cancer							
Number	*	3	3	*	4	*	*
Age-Adjusted Rate	*	26.7	24.5	*	37.6	*	*
Breast Cancer							
Number	*	*	3	*	0	*	*
Age-Adjusted Rate	*	*	23.9	*	0.0	*	*
Total Unintentional Injuries							
Number	5	7	7	9	6	11	8
Age-Adjusted Rate	40.5	54.8	50.1	74.6	41.2	79.7	60.5
Motor Vehicle							
Number	*	3	*	*	*	7	3
Age-Adjusted Rate	*	21.3	*	*	*	48.9	21.8
Other Unintentional Injuries							
Number	3	4	6	7	4	4	5
Age-Adjusted Rate	30.5	33.5	43.0	55.5	29.2	30.9	38.7
Chronic Lower Respiratory Diseases							
Number	5	5	7	7	5	9	7
Age-Adjusted Rate	50.5	44.6	63.8	56.0	45.2	72.8	56.8
Suicide							
Number	*	*	*	4	0	*	*
Age-Adjusted Rate	*	*	*	26.9	0.0	*	*
Homicide and Legal Intervention							
Number	*	*	0	0	*	3	*
Age-Adjusted Rate	*	*	0.0	0.0	*	20.8	*
Work-Related Injury							
Number	0	*	*	0	*	*	*
Age-Adjusted Rate	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: Alamosa county residents, 2002

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	122	100.0	76	100.0	45	100.0	0	0.0	*	*	0	0.0
Cardiovascular Disease	39	32.0	30	39.5	9	20.0	0	0.0	0	0.0	0	0.0
Heart Disease	24	19.7	18	23.7	6	13.3	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	12	9.8	9	11.8	3	6.7	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	17	13.9	14	18.4	*	*	0	0.0	*	*	0	0.0
Lung Cancer	*	*	*	*	*	*	0	0.0	0	0.0	0	0.0
Breast Cancer	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	9	7.4	6	7.9	3	6.7	0	0.0	0	0.0	0	0.0
Unintentional Injuries	11	9.0	3	3.9	8	17.8	0	0.0	0	0.0	0	0.0
Motor Vehicle	7	5.7	*	*	5	11.1	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	4	3.3	*	*	3	6.7	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	8	6.6	4	5.3	4	8.9	0	0.0	0	0.0	0	0.0
Suicide	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	5	4.1	*	*	3	6.7	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	3	2.5	0	0.0	3	6.7	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
Perinatal Period Conditions	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	24	19.7	14	18.4	10	22.2	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	5	4.1	3	3.9	*	*	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: Alamosa county residents, 2002

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	122	15,423	7.9
Infant	*	216	*
Neonatal	*	216	*
1-4	0	855	0.0
5-9	0	1,076	0.0
10-14	*	1,229	*
15-19	*	1,642	*
20-24	0	1,517	0.0
25-29	3	1,060	2.8
30-34	4	897	4.5
35-39	*	960	*
40-44	3	1,128	2.7
45-49	3	1,105	2.7
50-54	3	1,017	2.9
55-59	6	705	8.5
60-64	12	541	22.2
65-69	7	447	15.7
70-74	12	347	34.6
75-79	11	264	41.7
80-84	14	197	71.1
85+	37	210	176.2
1-14	*	3,160	*
15-24	*	3,159	*
25-64	36	7,413	4.9
65+	81	1,465	55.3

* 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: Alamosa 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	*	*	*	*	*	*	12	3.0	24	7.1	81	55.3
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	*	*	5	1.5	33	22.5
Heart Disease	0	0.0	0	0.0	0	0.0	*	*	*	*	21	14.3
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	11	7.5
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	0	0.0	6	1.8	11	7.5
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	0	0.0	*	*
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	3	0.9	6	4.1
Unintentional Injuries	*	*	0	0.0	*	*	4	1.0	3	0.9	*	*
Motor Vehicle	*	*	0	0.0	*	*	3	0.7	*	*	*	*
Other Unintentional Injuries	0	0.0	0	0.0	0	0.0	*	*	*	*	*	*
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	*	*	*	*	6	4.1
Suicide	0	0.0	0	0.0	*	*	0	0.0	*	*	0	0.0
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	*	*	3	2.0
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	3	0.7	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
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	*	*	*	*	19	13.0
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	*	*	3	0.9	*	*
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.
 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:
Alamosa county residents, 2002**

Cause of Death	N	Crude Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	122	791.0	953.4	788.4	1,118.3
Cardiovascular Disease	39	252.9	316.5	218.0	415.0
Heart Disease	24	155.6	195.7	117.6	273.8
Cerebrovascular Disease	12	77.8	99.5	43.1	155.9
Atherosclerosis	0	0.0	0.0	0.0	0.0
Malignant Neoplasms	17	110.2	131.0	68.6	193.4
Lung Cancer	*	*	*	*	*
Breast Cancer	*	*	*	*	*
Chronic Lower Respiratory Diseases	9	58.4	72.8	48.1	72.4
Unintentional Injuries	11	71.3	79.7	48.4	72.8
Motor Vehicle	7	45.4	48.9	26.9	45.7
Other Unintentional Injuries	4	25.9	30.9	17.3	32.8
Pneumonia and Influenza	8	51.9	57.6	31.2	51.3
Suicide	*	*	*	*	*
Diabetes Mellitus	5	32.4	41.0	25.7	44.2
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	3	19.5	20.8	9.0	21.0
Septicemia	0	0.0	0.0	0.0	0.0
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	0	0.0	0.0	0.0	0.0
All Other	24	155.6	195.7	117.3	274.0
Injury by Firearm	*	*	*	*	*
Drug-Induced Deaths	*	*	*	*	*
Alcohol-Induced Deaths	5	32.4	35.8	18.5	34.6
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.