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# Alamosa County Births and Deaths 2003

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**Selected birth characteristics: Alamosa county residents, 2003**

<b>Characteristic</b>	<b>Number</b>	<b>Percent</b>
<b>Total Live Births</b>	248	100.0
<b>Age of Mother</b>		
10-17	18	7.3
18-19	24	9.7
20-29	161	64.9
30+	45	18.1
<b>Low Weight Births (&lt;2,500 Grams)</b>	28	11.3
<b>Very Low Weight Births (&lt;1,500 Grams)</b>	*	*
<b>Prenatal Care Later than 1st Trimester/No Care</b>	71	28.6
<b>No Prenatal Care</b>	*	*
<b>Preterm Births (&lt;37 Weeks)</b>	28	11.3
<b>Education of Mother &lt;12 Years</b>	42	16.9
<b>Live Births to Unmarried Women</b>	113	45.6
<b>Smoking During Pregnancy</b>	20	8.2

*\* 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: Alamosa county residents, 2003**

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total Live Births</b>	248	100.0	18	100.0	24	100.0	161	100.0	45	100.0
<b>Race/Ethnicity of Mother</b>										
White Non-Hispanic	111	44.8	5	27.8	7	29.2	75	46.6	24	53.3
White Hispanic	127	51.2	11	61.1	16	66.7	81	50.3	19	42.2
Black	*	*	0	0.0	0	0.0	*	*	*	*
Other	8	3.2	*	*	*	*	4	2.5	*	*
<b>Low Weight Births (&lt;2,500 Grams)</b>	28	11.3	*	*	*	*	20	12.4	4	8.9
Very Low Weight Births (<1,500 Grams)	*	*	0	0.0	0	0.0	*	*	0	0.0
<b>Prenatal Care Later than 1st Trimester/No Care</b>	71	28.6	7	38.9	10	41.7	40	24.8	14	31.1
No Prenatal Care	*	*	0	0.0	0	0.0	*	*	0	0.0
<b>Preterm Births (&lt;37 Weeks)</b>	28	11.3	*	*	*	*	20	12.4	5	11.1
<b>Education of Mother &lt;12 Years</b>	42	16.9	12	66.7	4	16.7	20	12.4	6	13.3
<b>Live Births to Unmarried Women</b>	113	45.6	16	88.9	19	79.2	69	42.9	9	20.0
<b>Smoking During Pregnancy</b>	20	8.2	3	16.7	*	*	10	6.3	6	13.3

\* 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](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: Alamosa 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	111	100.0	127	100.0	*	*	5	100.0	3	100.0
Age of Mother										
10-17	5	4.5	11	8.7	0	0.0	*	*	*	*
18-19	7	6.3	16	12.6	0	0.0	0	0.0	*	*
20-29	75	67.6	81	63.8	*	*	3	60.0	*	*
30+	24	21.6	19	15.0	*	*	*	*	0	0.0
Low Weight Births (<2,500 Grams)	12	10.8	15	11.8	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	29	26.1	37	29.1	*	*	*	*	*	*
No Prenatal Care	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	12	10.8	14	11.0	*	*	*	*	0	0.0
Education of Mother <12 Years	8	7.2	31	24.4	0	0.0	*	*	*	*
Live Births to Unmarried Women	36	32.4	71	55.9	0	0.0	3	60.0	3	100.0
Smoking During Pregnancy	10	9.1	8	6.4	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 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](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: Alamosa county residents, 2003**

<b>Age Group</b>	<b>Births</b>	<b>Population</b>	<b>Fertility Rate</b>
<b>All Ages</b>	248	3,624	68.4
<b>Teen Age Groups</b>			
<b>13-14</b>	*	229	*
<b>15-17</b>	17	391	43.5
<b>18-19</b>	24	440	54.5
<b>10-17</b>	18	971	18.5
<b>10-19</b>	42	1,411	29.8
<b>All Age Groups</b>			
<b>10-14</b>	*	580	*
<b>15-19</b>	41	831	49.3
<b>20-24</b>	95	777	122.3
<b>25-29</b>	66	546	120.9
<b>30-34</b>	35	436	80.3
<b>35-39</b>	6	469	12.8
<b>40-49</b>	4	1,125	3.6

*\* 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: Alamosa county residents, 1993, 1999-2003**

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
<b>Total Population</b>	13,655	14,822	15,132	15,282	15,376	15,546	15,232
<b>Total Births</b>							
Number	229	201	251	238	216	248	231
Birth Rate	16.8	13.6	16.6	15.6	14.0	16.0	15.2
General Fertility Rate	67.2	56.7	69.9	66.1	60.0	68.4	64.3
<b>Age of Mother 10-17</b>							
Number	19	14	14	12	11	18	14
Percent of Total Births	8.3	7.0	5.6	5.0	5.1	7.3	6.0
Fertility Rate	23.4	15.5	15.1	12.4	11.3	18.5	14.5
<b>Low Weight Births (&lt;2,500 Grams)</b>							
Number	19	23	30	34	19	28	27
Percent	8.3	11.4	12.0	14.3	8.8	11.3	11.6
<b>Prenatal Care Later Than 1st Trimester</b>							
Number	22	42	60	60	43	71	55
Percent	9.8	21.4	25.3	25.4	20.2	28.6	24.4
<b>Births to Unmarried Women</b>							
Number	48	62	68	78	91	113	82
Percent	21.0	30.8	27.1	32.8	42.1	45.6	35.7
<b>Mother's Education &lt;12 Years</b>							
Number	57	53	56	52	42	42	49
Percent	26.8	26.9	22.9	22.5	19.9	18.2	22.0
<b>Infant Deaths</b>							
Number	3	3	*	*	*	3	*
Rate	13.1	14.9	*	*	*	12.1	*
<b>Neonatal Deaths</b>							
Number	*	*	*	*	*	*	*
Rate	*	*	*	*	*	*	*
<b>Total Deaths</b>							
Number	89	107	105	120	121	129	116
Crude Rate	651.8	721.9	693.9	785.2	786.9	829.8	764.2
Age-Adjusted Rate	835.9	892.1	842.6	952.1	935.2	993.1	924.9
<b>Cardiovascular Disease</b>							
Number	30	37	36	43	39	34	38
Age-Adjusted Rate	294.6	315.8	294.0	349.5	311.7	275.9	309.2
<b>Heart Disease</b>							
Number	25	29	29	32	24	25	28
Age-Adjusted Rate	245.5	245.2	237.7	260.0	192.5	206.4	227.8

(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, 1993, 1999-2003**

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
<b>Cerebrovascular Disease</b>							
Number	5	6	7	8	12	6	8
Age-Adjusted Rate	49.1	52.2	56.2	62.8	97.8	46.7	63.5
<b>Malignant Neoplasms</b>							
Number	12	18	16	17	16	21	18
Age-Adjusted Rate	114.2	149.9	137.9	138.2	122.3	162.2	142.5
<b>Lung Cancer</b>							
Number	3	3	*	4	*	5	3
Age-Adjusted Rate	28.7	24.5	*	37.2	*	35.7	26.7
<b>Breast Cancer</b>							*
Number	3	3	*	0	*	0	*
Age-Adjusted Rate	25.8	23.9	*	0.0	*	0.0	*
<b>Total Unintentional Injuries</b>							
Number	5	7	9	6	11	14	9
Age-Adjusted Rate	39.0	50.1	74.2	41.2	79.7	86.2	66.7
<b>Motor Vehicle</b>							
Number	3	*	*	*	7	9	4
Age-Adjusted Rate	20.5	*	*	*	48.9	53.6	28.3
<b>Other Unintentional Injuries</b>							
Number	*	6	7	4	4	5	5
Age-Adjusted Rate	*	43.0	55.2	29.3	30.8	32.6	38.4
<b>Chronic Lower Respiratory Diseases</b>							
Number	6	6	7	5	9	13	8
Age-Adjusted Rate	59.4	55.9	55.7	44.7	71.8	107.7	67.4
<b>Suicide</b>							
Number	*	*	4	0	*	4	*
Age-Adjusted Rate	*	*	26.7	0.0	*	27.8	*
<b>Homicide and Legal Intervention</b>							
Number	*	*	0	*	3	*	*
Age-Adjusted Rate	*	*	0.0	*	20.9	*	*
<b>Work-Related Injury</b>							
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, 2003**

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
<b>Total</b>	129	100.0	71	100.0	57	100.0	0	0.0	0	0.0	*	*
<b>Cardiovascular Disease</b>	34	26.4	22	31.0	12	21.1	0	0.0	0	0.0	0	0.0
Heart Disease	25	19.4	15	21.1	10	17.5	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	6	4.7	4	5.6	*	*	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>	21	16.3	13	18.3	8	14.0	0	0.0	0	0.0	0	0.0
Lung Cancer	5	3.9	3	4.2	*	*	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
<b>Chronic Lower Respiratory Disease</b>	13	10.1	9	12.7	4	7.0	0	0.0	0	0.0	0	0.0
<b>Unintentional Injuries</b>	14	10.9	5	7.0	8	14.0	0	0.0	0	0.0	*	*
Motor Vehicle	9	7.0	3	4.2	6	10.5	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	5	3.9	*	*	*	*	0	0.0	0	0.0	*	*
<b>Pneumonia and Influenza</b>	5	3.9	3	4.2	*	*	0	0.0	0	0.0	0	0.0
<b>Suicide</b>	4	3.1	4	5.6	0	0.0	0	0.0	0	0.0	0	0.0
<b>Diabetes Mellitus</b>	6	4.7	*	*	4	7.0	0	0.0	0	0.0	0	0.0
<b>HIV Infection</b>	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Chronic Liver Disease and Cirrhosis</b>	3	2.3	0	0.0	3	5.3	0	0.0	0	0.0	0	0.0
<b>Alzheimer's Disease</b>	4	3.1	*	*	*	*	0	0.0	0	0.0	0	0.0
<b>Nephritis, Nephrosis, Nephrotic Syndrome</b>	3	2.3	*	*	*	*	0	0.0	0	0.0	0	0.0
<b>Homicide and Legal Intervention</b>	*	*	0	0.0	*	*	0	0.0	0	0.0	0	0.0
<b>Septicemia</b>	*	*	0	0.0	*	*	0	0.0	0	0.0	0	0.0
<b>Congenital Anomalies</b>	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Perinatal Period Conditions</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>All Other</b>	19	14.7	9	12.7	10	17.5	0	0.0	0	0.0	0	0.0
<b>Injury by Firearm</b>	*	*	*	*	*	*	0	0.0	0	0.0	0	0.0
<b>Drug-Induced Deaths</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Alcohol-Induced Deaths</b>	3	2.3	0	0.0	3	5.3	0	0.0	0	0.0	0	0.0
<b>Work-Related Injury (Y/N Check Death Certificate)</b>	*	*	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, 2003

Age Group	Deaths	Population	Age-Specific Death Rate
<b>All Ages</b>	129	15,546	8.3
<b>Infant</b>	3	248	12.1
<b>Neonatal</b>	*	248	*
<b>1-4</b>	*	882	*
<b>5-9</b>	0	1,052	0.0
<b>10-14</b>	*	1,222	*
<b>15-19</b>	4	1,662	2.4
<b>20-24</b>	3	1,524	2.0
<b>25-29</b>	*	1,087	*
<b>30-34</b>	*	911	*
<b>35-39</b>	*	933	*
<b>40-44</b>	*	1,087	*
<b>45-49</b>	4	1,116	3.6
<b>50-54</b>	6	1,047	5.7
<b>55-59</b>	7	756	9.3
<b>60-64</b>	5	559	8.9
<b>65-69</b>	11	449	24.5
<b>70-74</b>	12	359	33.4
<b>75-79</b>	13	269	48.3
<b>80-84</b>	15	197	76.1
<b>85+</b>	37	204	181.4
<b>1-14</b>	*	3,156	*
<b>15-24</b>	7	3,186	2.2
<b>25-64</b>	29	7,496	3.9
<b>65+</b>	88	1,478	59.5

\* 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 by age group: Alamosa 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	3	12.1	*	*	7	2.2	7	1.7	22	6.3	88	59.5
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	5	1.4	29	19.6
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	4	1.2	21	14.2
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	5	3.4
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	1.2	16	10.8
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	3	0.9	*	*
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	*	*	12	8.1
Unintentional Injuries	0	0.0	*	*	4	1.3	4	1.0	*	*	*	*
Motor Vehicle	0	0.0	*	*	3	0.9	3	0.7	*	*	0	0.0
Other Unintentional Injuries	0	0.0	0	0.0	*	*	*	*	*	*	*	*
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	0	0.0	*	*	3	2.0
Suicide	0	0.0	0	0.0	0	0.0	*	*	*	*	*	*
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	*	*	5	3.4
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	0	0.0	4	2.7
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	2.0
Homicide and Legal Intervention	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	*	*
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	*	*	*	*	3	0.9	12	8.1
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
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 from selected causes:  
Alamosa county residents, 2003**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	129	829.8	993.1	825.8	1,160.4
Cardiovascular Disease	34	218.7	275.9	183.9	367.8
Heart Disease	25	160.8	206.4	125.5	287.4
Cerebrovascular Disease	6	38.6	46.7	27.5	46.4
Atherosclerosis	0	0.0	0.0	0.0	0.0
Malignant Neoplasms	21	135.1	162.2	92.5	231.9
Lung Cancer	5	32.2	35.7	18.3	34.2
Breast Cancer	0	0.0	0.0	0.0	0.0
Chronic Lower Respiratory Diseases	13	83.6	107.7	49.1	166.2
Unintentional Injuries	14	90.1	86.2	40.2	132.2
Motor Vehicle	9	57.9	53.6	24.8	42.9
Other Unintentional Injuries	4	25.7	28.2	13.5	27.6
Pneumonia and Influenza	5	32.2	37.9	21.5	38.6
Suicide	4	25.7	27.8	13.2	27.1
Diabetes Mellitus	6	38.6	46.4	27.0	45.8
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	3	19.3	20.9	9.3	21.4
Alzheimer's Disease	4	25.7	34.4	21.9	39.1
Nephritis, Nephrosis, Nephrotic Syndrome	3	19.3	23.9	12.8	26.6
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	*	*	*	*	*
Congenital Anomalies	0	0.0	0.0	0.0	0.0
Perinatal Period Conditions	*	*	*	*	*
All Other	19	122.2	151.9	82.7	221.1
Injury by Firearm	*	*	*	*	*
Drug-Induced Deaths	*	*	*	*	*
Alcohol-Induced Deaths	3	19.3	22.3	11.0	23.9
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.*