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Costilla County Births and Deaths 2003

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Selected birth characteristics: Costilla county residents, 2003

Characteristic	Number	Percent
Total Live Births	36	100.0
Age of Mother		
10-17	3	8.3
18-19	*	*
20-29	19	52.8
30+	12	33.3
Low Weight Births (<2,500 Grams)	4	11.1
Very Low Weight Births (<1,500 Grams)	*	*
Prenatal Care Later than 1st Trimester/No Care	13	37.1
No Prenatal Care	*	*
Preterm Births (<37 Weeks)	5	13.9
Education of Mother <12 Years	13	36.1
Live Births to Unmarried Women	17	47.2
Smoking During Pregnancy	*	*

* 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: Costilla county residents, 2003

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	36	100.0	3	100.0	*	*	19	100.0	12	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	9	25.0	0	0.0	*	*	3	15.8	4	33.3
White Hispanic	25	69.4	3	100.0	0	0.0	14	73.7	8	66.7
Black	0	0.0	0	0.0	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)	4	11.1	*	*	0	0.0	3	15.8	0	0.0
Very Low Weight Births (<1,500 Grams)	*	*	*	*	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	13	37.1	*	*	*	*	6	31.6	4	36.4
No Prenatal Care	*	*	0	0.0	0	0.0	*	*	0	0.0
Preterm Births (<37 Weeks)	5	13.9	*	*	0	0.0	4	21.1	0	0.0
Education of Mother <12 Years	13	36.1	3	100.0	0	0.0	8	42.1	*	*
Live Births to Unmarried Women	17	47.2	3	100.0	*	*	10	52.6	3	25.0
Smoking During Pregnancy	*	*	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, 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: Costilla 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	9	100.0	25	100.0	0	0.0	*	*	*	*
Age of Mother										
10-17	0	0.0	3	12.0	0	0.0	0	0.0	0	0.0
18-19	*	*	0	0.0	0	0.0	0	0.0	0	0.0
20-29	3	33.3	14	56.0	0	0.0	*	*	*	*
30+	4	44.4	8	32.0	0	0.0	0	0.0	0	0.0
Low Weight Births (<2,500 Grams)	*	*	*	*	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	5	55.6	7	29.2	0	0.0	0	0.0	*	*
No Prenatal Care	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	*	*	3	12.0	0	0.0	*	*	0	0.0
Education of Mother <12 Years	*	*	10	40.0	0	0.0	*	*	*	*
Live Births to Unmarried Women	3	33.3	12	48.0	0	0.0	*	*	*	*
Smoking During Pregnancy	*	*	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 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: Costilla county residents, 2003

Age Group	Births	Population	Fertility Rate
All Ages	36	629	57.2
Teen Age Groups			
13-14	0	64	0.0
15-17	3	77	39.0
18-19	*	44	*
10-17	3	215	14.0
10-19	5	259	19.3
All Age Groups			
10-14	0	138	0.0
15-19	5	121	41.3
20-24	10	89	112.4
25-29	9	81	111.1
30-34	7	86	81.4
35-39	3	112	26.8
40-49	*	316	*

** 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 definitions of data items.

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

Vital statistics summary: Costilla county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Total Population	3,341	3,681	3,665	3,726	3,744	3,730	3,709
Total Births							
Number	44	45	41	43	53	36	44
Birth Rate	13.2	12.2	11.2	11.5	14.2	9.7	11.8
General Fertility Rate	71.5	68.6	63.2	68.1	84.4	57.2	68.3
Age of Mother 10-17							
Number	*	4	*	3	4	3	3
Percent of Total Births	*	8.9	*	7.0	7.5	8.3	7.3
Fertility Rate	*	17.9	*	13.7	18.3	14.0	14.6
Low Weight Births (<2,500 Grams)							
Number	5	8	5	3	5	4	5
Percent	11.4	17.8	12.2	7.0	9.4	11.1	11.5
Prenatal Care Later Than 1st Trimester							
Number	7	17	11	12	12	13	13
Percent	16.3	38.6	27.5	28.6	22.6	37.1	30.4
Births to Unmarried Women							
Number	8	17	15	18	28	17	19
Percent	18.2	37.8	36.6	41.9	52.8	47.2	43.6
Mother's Education <12 Years							
Number	8	11	18	16	12	13	14
Percent	19.5	24.4	43.9	39.0	23.5	37.1	32.9
Infant Deaths							
Number	*	*	0	*	*	*	*
Rate	*	*	0.0	*	*	*	*
Neonatal Deaths							
Number	*	*	0	0	*	*	*
Rate	*	*	0.0	0.0	*	*	*
Total Deaths							
Number	32	34	42	34	41	46	39
Crude Rate	957.8	923.7	1,146.0	912.5	1,095.1	1,233.2	1,062.2
Age-Adjusted Rate	821.6	839.4	1,012.6	725.5	959.2	1,006.4	908.6
Cardiovascular Disease							
Number	12	6	13	14	13	9	11
Age-Adjusted Rate	288.7	148.2	312.2	270.2	272.4	190.5	239.5
Heart Disease							
Number	9	*	8	11	11	7	8
Age-Adjusted Rate	209.5	*	193.4	209.4	234.1	150.1	165.5

(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: Costilla county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Cerebrovascular Disease							
Number	3	*	4	3	*	*	*
Age-Adjusted Rate	79.2	*	87.5	60.8	*	*	*
Malignant Neoplasms							
Number	4	9	9	*	6	8	7
Age-Adjusted Rate	94.7	192.5	194.3	*	109.8	158.7	133.2
Lung Cancer							
Number	*	3	*	*	0	0	*
Age-Adjusted Rate	*	61.0	*	*	0.0	0.0	*
Breast Cancer							
Number	0	0	0	0	0	0	0
Age-Adjusted Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Unintentional Injuries							
Number	3	*	3	3	4	8	4
Age-Adjusted Rate	98.7	*	81.3	98.9	93.4	207.4	100.2
Motor Vehicle							
Number	*	*	*	*	0	4	*
Age-Adjusted Rate	*	*	*	*	0.0	97.7	*
Other Unintentional Injuries							
Number	*	0	*	*	4	4	*
Age-Adjusted Rate	*	0.0	*	*	93.4	109.7	*
Chronic Lower Respiratory Diseases							
Number	*	4	*	*	*	*	*
Age-Adjusted Rate	*	96.4	*	*	*	*	*
Suicide							
Number	0	0	*	*	4	*	*
Age-Adjusted Rate	0.0	0.0	*	*	132.2	*	*
Homicide and Legal Intervention							
Number	0	0	*	0	0	0	*
Age-Adjusted Rate	0.0	0.0	*	0.0	0.0	0.0	*
Work-Related Injury							
Number	0	0	0	0	0	*	*
Age-Adjusted Rate	0.0	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: Costilla county residents, 2003

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	46	100.0	12	100.0	33	100.0	0	0.0	0	0.0	*	*
Cardiovascular Disease	9	19.6	3	25.0	6	18.2	0	0.0	0	0.0	0	0.0
Heart Disease	7	15.2	3	25.0	4	12.1	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	*	*	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	8	17.4	*	*	7	21.2	0	0.0	0	0.0	0	0.0
Lung Cancer	0	0.0	0	0.0	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
Unintentional Injuries	8	17.4	3	25.0	4	12.1	0	0.0	0	0.0	*	*
Motor Vehicle	4	8.7	*	*	*	*	0	0.0	0	0.0	*	*
Other Unintentional Injuries	4	8.7	*	*	3	9.1	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	4	8.7	0	0.0	4	12.1	0	0.0	0	0.0	0	0.0
Suicide	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	7	15.2	*	*	5	15.2	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
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
All Other	4	8.7	*	*	*	*	0	0.0	0	0.0	0	0.0
Injury by Firearm	0	0.0	0	0.0	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: Costilla county residents, 2003

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	46	3,730	12.3
Infant	*	36	*
Neonatal	*	36	*
1-4	0	179	0.0
5-9	0	233	0.0
10-14	0	271	0.0
15-19	0	259	0.0
20-24	0	189	0.0
25-29	0	148	0.0
30-34	0	175	0.0
35-39	*	215	*
40-44	*	257	*
45-49	4	328	12.2
50-54	3	274	10.9
55-59	*	269	*
60-64	5	204	24.5
65-69	*	230	*
70-74	4	165	24.2
75-79	*	126	*
80-84	8	96	83.3
85+	13	67	194.0
1-14	0	683	0.0
15-24	0	448	0.0
25-64	17	1,870	9.1
65+	28	684	40.9

* 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: Costilla 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	*	*	0	0.0	0	0.0	3	3.8	14	13.0	28	40.9
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	7	10.2
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	5	7.3
Cerebrovascular Disease	0	0.0	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	0	0.0	0	0.0	0	0.0	0	0.0	3	2.8	5	7.3
Lung Cancer	0	0.0	0	0.0	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 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	3	3.8	5	4.7	0	0.0
Motor Vehicle	0	0.0	0	0.0	0	0.0	*	*	3	2.8	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	4	5.8
Suicide	0	0.0	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	3	2.8	4	5.8
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	*	*
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
All Other	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	5.8
Injury by Firearm	0	0.0	0	0.0	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	*	*	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:
Costilla county residents, 2003**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	46	1,233.2	1,006.4	721.3	1,291.6
Cardiovascular Disease	9	241.3	190.5	334.2	459.1
Heart Disease	7	187.7	150.1	259.9	371.7
Cerebrovascular Disease	*	*	*	*	*
Atherosclerosis	0	0.0	0.0	0.0	0.0
Malignant Neoplasms	8	214.5	158.7	260.6	372.5
Lung Cancer	0	0.0	0.0	0.0	0.0
Breast Cancer	0	0.0	0.0	0.0	0.0
Chronic Lower Respiratory Diseases	*	*	*	*	*
Unintentional Injuries	8	214.5	207.4	499.1	648.1
Motor Vehicle	4	107.2	97.7	204.5	305.2
Other Unintentional Injuries	4	107.2	109.7	266.3	379.3
Pneumonia and Influenza	4	107.2	89.6	152.3	240.9
Suicide	*	*	*	*	*
Diabetes Mellitus	7	187.7	143.5	243.6	352.2
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	*	*	*	*	*
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	*	*	*	*	*
All Other	4	107.2	80.3	123.6	204.5
Injury by Firearm	0	0.0	0.0	0.0	0.0
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.*