

Alamosa County Births and Deaths 2008

Selected birth characteristics: County residents, 2008	2
Selected birth characteristics by age group of mother: County residents, 2008	3
Selected birth characteristics by race/ethnicity of mother: County residents, 2008	4
Live births and fertility rates: County residents, 2008	5
Vital statistics summary: County residents, 1998, 2004-2008	6
Deaths from selected causes by race/ethnicity: County residents, 2008	8
Deaths and age-specific death rates: County residents, 2008	9
Deaths and age-specific death rates from selected causes: County residents, 2008	10
Deaths, crude death rates and age-adjusted death rates from selected causes: County residents, 2008	11
Notes Regarding Colorado's Revised Certificate of Live Birth	12

For more information about these tables, please contact the Health Statistics Section of the Colorado Department of Public Health and Environment by telephone at **(303) 692-2160** or by email at health.statistics@state.co.us.

Selected birth characteristics: Alamosa County residents, 2008

Characteristic	Number	Percent
Total Live Births	274	100.0
Age of Mother		
10-17	18	6.6
18-19	28	10.2
20-29	178	65.0
30+	50	18.2
Low Weight Births (<2,500 Grams)	31	11.4
Very Low Weight Births (<1,500 Grams)	6	2.2
Prenatal Care Later than 1st Trimester/No Care	60	22.3
No Prenatal Care	0	0.0
Preterm Births (<37 Weeks)	30	11.0
Education of Mother <High School Diploma/GED	61	22.6
Live Births to Unmarried Women	78	28.6
Smoking During Pregnancy	23	8.4

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. See notes page at end of report for details of these revised data items.

** 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, 2008

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	274	100.0	18	100.0	28	100.0	178	100.0	50	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	101	60.1	*	*	6	50.0	72	62.1	21	61.8
White Hispanic	42	25.0	3	50.0	4	33.3	29	25.0	6	17.6
Black	6	3.6	0	0.0	0	0.0	4	3.4	*	*
Other	19	11.3	*	*	*	*	11	9.5	5	14.7
Low Weight Births (<2,500 Grams)										
Very Low Weight Births (<1,500 Grams)	31	11.4	*	*	4	14.3	22	12.4	3	6.0
Prenatal Care Later than 1st Trimester/No Care										
No Prenatal Care	60	22.3	7	38.9	3	11.5	38	21.6	12	24.5
Preterm Births (<37 Weeks)										
Preterm Births	30	11.0	*	*	3	10.7	20	11.2	6	12.2
Education of Mother <High School Diploma/GED										
Education of Mother <High School Diploma/GED	61	22.6	17	100.0	9	32.1	26	14.8	9	18.4
Live Births to Unmarried Women										
Live Births to Unmarried Women	78	28.5	12	66.7	16	57.1	43	24.2	7	14.0
Smoking During Pregnancy										
Smoking During Pregnancy	23	8.4	0	0.0	6	21.4	15	8.4	*	*

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. See notes page at end of report for details of these revised data items.

** 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, 2008

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian American/Pacific Islander		American Indian/Native Alaskan	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	101	100.0	42	100.0	6	100.0	3	100.0	7	100.0
Age of Mother										
10-17	*	*	3	7.1	0	0.0	0	0.0	0	0.0
18-19	6	5.9	4	9.5	0	0.0	*	*	0	0.0
20-29	72	71.3	29	69.0	4	66.7	*	*	4	57.1
30+	21	20.8	6	14.3	*	*	0	0.0	3	42.9
Low Weight Births (<2,500 Grams)	7	6.9	11	26.2	0	0.0	0	0.0	0	0.0
Very Low Weight Births (<1,500 Grams)	*	*	3	7.1	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	24	24.5	7	17.1	*	*	*	*	*	*
No Prenatal Care	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	9	8.9	9	21.4	0	0.0	0	0.0	*	*
Education of Mother <High School Diploma/GED	8	7.9	8	19.0	0	0.0	*	*	5	71.4
Live Births to Unmarried Women	16	15.8	16	38.1	*	*	*	*	*	*
Smoking During Pregnancy	12	11.9	*	*	0	0.0	0	0.0	0	0.0

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. See notes page at end of report for details of these revised data items.

** 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 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 group of mother: Alamosa County residents, 2008

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	274	3,536	77.5	68.5	86.4
Teen Age Groups		*			
13-14	0	190	0.0	0.0	0.0
15-17	18	379	47.5	24.8	70.2
18-19	28	436	64.2	40.1	88.4
10-17	18	840	21.4	11.0	31.8
10-19	46	1,276	36.1	25.4	46.7
All Age Groups		*			
10-14	0	461	0.0	0.0	0.0
15-19	46	815	56.4	40.0	72.9
20-24	101	905	111.6	90.5	132.7
25-29	77	442	174.2	137.7	210.7
30-34	37	520	71.2	48.1	94.2
35-39	10	413	24.2	8.2	40.2
40-49	3	984	3.0	0.6	7.5

** 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 definitions of data items.

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

Vital statistics summary: Alamosa County residents, 1998, 2004-2008

	1998	2004	2005	2006	2007	2008	2004-2008 Annual Average
Total Population	14,621	15,681	15,735	15,771	15,757	15,904	15,770
Total Births							
Number	220	270	246	243	256	274	258
Birth Rate	15.0	17.2	15.6	15.4	16.2	17.2	16.3
General Fertility Rate	62.5	74.7	68.6	68.0	72.7	77.5	72.3
Age of Mother 10-17							
Number	14	12	10	20	19	18	16
Percent of Total Births	6.4	4.4	4.1	8.2	7.4	6.6	6.1
Fertility Rate	15.7	12.9	11.0	22.6	22.6	21.4	17.9
Low Weight Births (<2,500 Grams)							
Number	18	40	29	25	23	31	30
Percent	8.2	14.8	11.8	10.3	9.0	11.3	11.5
Prenatal Care Later Than 1st Trimester/No Care							
Number	35	54	71	73	74	60	66
Percent	16.0	20.1	28.9	30.0	29.1	22.3	25.9
Births to Unmarried Women							
Number	53	115	105	93	68	78	
Percent	24.1	42.6	42.7	38.3	26.6	28.5	
Mother's Education <12 Years							
Number	54	58	62	55	52	61	
Percent	25.0	21.6	25.6	23.0	20.3	22.3	
Infant Deaths							
Number	*	0	*	0	*	3	*
Rate	*	0.0	*	0.0	*	10.9	*
Neonatal Deaths							
Number	*	0	*	0	0	*	*
Rate	*	0.0	*	0.0	0.0	*	*
Total Deaths							
Number	108	86	112	102	112	107	104
Crude Rate	738.7	548.4	711.8	646.8	710.8	672.8	658.2
Age-Adjusted Rate	928.5	639.3	819.8	714.4	797.9	733.9	741.5
Cardiovascular Disease							
Number	39	19	40	29	30	22	28
Age-Adjusted Rate	339.0	146.9	294.7	214.1	224.3	155.8	206.2
Heart Disease							
Number	31	14	30	26	21	17	22
Age-Adjusted Rate	271.6	106.5	225.7	189.9	163.0	120.3	160.4

(Continued)

HIGHLIGHTED ROWS: Denotes data items collected in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. Due to this incomparability, 5-year averages for these data items are not presented in this report. See notes page at end of report for details of these revised data items.

* 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, 1998, 2004-2008

	1998	2004	2005	2006	2007	2008	2004-2008 Annual Average
Cerebrovascular Disease							
Number	8	4	9	3	6	4	5
Age-Adjusted Rate	67.4	31.5	62.1	24.2	41.7	29.2	37.5
Malignant Neoplasms							
Number	17	17	14	18	23	22	19
Age-Adjusted Rate	146.8	129.2	100.1	124.3	161.9	160.2	135.8
Lung Cancer							
Number	3	4	*	3	4	*	*
Age-Adjusted Rate	26.7	29.7	*	23.1	28.9	*	*
Breast Cancer							
Number	*	*	*	*	3	0	*
Age-Adjusted Rate	*	*	*	*	21.0	0.0	*
Total Unintentional Injuries							
Number	7	9	7	4	10	8	8
Age-Adjusted Rate	54.8	58.2	44.7	25.7	59.7	46.7	47.0
Motor Vehicle							
Number	3	5	*	*	4	3	3
Age-Adjusted Rate	21.3	27.3	*	*	18.6	17.4	16.9
Other Unintentional Injuries							
Number	4	4	5	3	6	5	5
Age-Adjusted Rate	33.5	30.9	29.8	19.5	41.1	29.3	30.1
Chronic Lower Respiratory Diseases							
Number	5	8	13	10	5	10	9
Age-Adjusted Rate	44.5	66.0	102.4	72.3	37.7	75.8	70.8
Suicide							
Number	*	4	*	3	5	*	3
Age-Adjusted Rate	*	25.3	*	20.8	36.7	*	21.4
Homicide and Legal Intervention							
Number	*	*	*	0	*	*	*
Age-Adjusted Rate	*	*	*	0.0	*	*	*
Work-Related Injury							
Number	*	*	0	*	*	0	*
Age-Adjusted Rate	*	*	0.0	*	*	0.0	*

HIGHLIGHTED ROWS: Denotes data items collected in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. Due to this incomparability, 5-year averages for these data items are not presented in this report. See notes page at end of report for details of these revised data items.

* 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, 2008

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian American/Pacific Islander		American Indian/Native Alaskan	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	107	100.0	64	100.0	42	100.0	0	0.0	0	0.0	0	0.0
Cardiovascular Disease	22	20.6	13	20.3	9	21.4	0	0.0	0	0.0	0	0.0
Heart Disease	17	15.9	11	17.2	6	14.3	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	4	3.7	*	*	3	7.1	0	0.0	0	0.0	0	0.0
Atherosclerosis	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	22	20.6	14	21.9	8	19.0	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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	10	9.3	9	14.1	*	*	0	0.0	0	0.0	0	0.0
Unintentional Injuries	8	7.5	6	9.4	*	*	0	0.0	0	0.0	0	0.0
Motor Vehicle	3	2.8	*	*	*	*	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	5	4.7	4	6.3	*	*	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	*	*	*	*	*	*	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	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	5	4.7	*	*	4	9.5	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	3	2.8	3	4.7	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	5	4.7	3	4.7	*	*	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	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
All Other	25	23.4	12	18.8	12	28.6	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	4.7	*	*	3	7.1	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: Alamosa County residents, 2008

Age Group	Deaths	Population	Age-Specific Death Rate
	Age Group	Age Group	Age Group
All Ages	107	15,904	6.7
Infant	3	274	10.9
Neonatal	*	274	*
1-4	*	958	*
5-9	0	1,062	0.0
10-14	0	1,025	0.0
15-19	*	1,675	*
20-24	*	1,719	*
25-29	*	946	*
30-34	0	1,024	0.0
35-39	0	859	0.0
40-44	4	896	4.5
45-49	7	1,032	6.8
50-54	3	1,073	2.8
55-59	4	1,015	3.9
60-64	3	689	4.4
65-69	7	498	14.1
70-74	14	392	35.7
75-79	12	299	40.1
80-84	11	248	44.4
85+	32	243	131.7
1-14	*	3,045	*
15-24	3	3,394	0.9
25-64	23	7,534	3.1
65+	76	1,680	45.2

* 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, 2008

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	3	10.9	*	*	3	0.9	6	1.6	17	4.5	76	45.2
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	*	*	*	*	19	11.3
Heart Disease	0	0.0	0	0.0	0	0.0	*	*	*	*	14	8.3
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	2.4
Atherosclerosis	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	0.8	19	11.3
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	0	0.0
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	*	*	9	5.4
Unintentional Injuries	0	0.0	*	*	*	*	*	*	3	0.8	*	*
Motor Vehicle	0	0.0	0	0.0	*	*	*	*	*	*	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	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	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	5	1.3	0	0.0
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	1.8
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	3.0
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	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
All Other	*	*	0	0.0	*	*	*	*	3	0.8	18	10.7
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	0	0.0	5	1.3	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:
Alamosa County residents, 2008**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	107	672.8	740.2	602.0	878.4
Cardiovascular Disease	22	138.3	155.8	90.9	220.7
Heart Disease	17	106.9	120.3	63.0	177.5
Cerebrovascular Disease	4	25.2	29.2	8.7	61.7
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	22	138.3	160.2	93.2	227.2
Lung Cancer	*	*	*	*	*
Breast Cancer	0	0.0	0.0	0.0	0.0
Chronic Lower Respiratory Diseases	10	62.9	75.8	39.0	124.6
Unintentional Injuries	8	50.3	46.7	19.1	86.2
Motor Vehicle	3	18.9	17.4	2.9	43.9
Other Unintentional Injuries	5	31.4	29.3	8.7	61.9
Pneumonia and Influenza	*	*	*	*	*
Suicide	*	*	*	*	*
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	5	31.4	29.5	8.8	62.2
Alzheimer's Disease	3	18.9	19.1	3.7	46.7
Nephritis, Nephrosis, Nephrotic Syndrome	5	31.4	35.8	12.4	71.2
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	0	0.0	0.0	0.0	0.0
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*
All Other	25	157.2	173.9	105.3	242.4
Injury by Firearm	*	*	*	*	*
Drug-Induced Deaths	*	*	*	*	*
Alcohol-Induced Deaths	5	31.4	30.7	9.4	64.3
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.

Notes Regarding Colorado's Revised Certificate of Live Birth

These tables contain Colorado birth data that were collected using the 1989 Revision of the U.S. Standard Certificate of Live Birth (unrevised) and the 2003 Revision of the U.S. Standard Certificate of Live Birth (revised)^{1,2,3}. Colorado's birth registration system used the unrevised certificate for births through calendar year 2006; while births in 2007 through the present were registered using the revised certificate. Among the differences in the revised birth certificate are changes to the following data items:

- Mother's and father's race, captures multiple race identification instead of single race identification
- Mother's and father's education, captures highest degree attained instead of total years of education
- Mother's marital status at time of birth, captures never married, married, widowed, separated, and divorced instead of just married or unmarried
- Cigarette smoking before and during pregnancy, captures levels of smoking in each trimester instead of just smoking any time during pregnancy

And the addition of the following data items:

- Method of delivery includes fetal presentation and trial of labor prior to cesarean delivery
- Pre-pregnancy weight, weight at delivery and height, used to calculate Body Mass Index
- Congenital anomalies, certain conditions have been added or removed
- Fertility therapy
- Did mother get WIC food for herself during this pregnancy
- Infections during pregnancy
- Maternal morbidity
- Breast feeding
- Principal source of payment for the delivery

Data items noted above that were collected using both the unrevised certificate and the revised certificate are not directly comparable. Analyses of birth data for time periods that include both revised and unrevised data should be performed with caution.

To facilitate analyses of births by race, the multiple race identification in revised certificates has been bridged back to a single race using a system developed by the National Center for Health Statistics at the Centers for Disease Control and Prevention⁴. *Please note*, however, that there has been an increase in the number of births reported with "other" or "unknown" maternal and paternal race and/or Hispanic ethnicity beginning in 2007 compared to previous years. This is likely attributable to the change to the revised certificate.

The Health Statistics Section at the Colorado Department of Public Health and Environment is available to assist with analyses of these data, as well as to answer questions one might have regarding the revised certificate and the affected data items. For further information or assistance, please contact the Health Statistics Section at **(303) 692-2160** or by e-mail at health.statistics@state.co.us.

References:

- ¹ National Center for Health Statistics. 2003 revision of the U.S. Standard Certificate of Live Birth. 2003. Available from: http://www.cdc.gov/nchs/vital_certs_rev.htm.
- ² National Center for Health Statistics. Report of the Panel to Evaluate the U.S. Standard Certificates and Reports. National Center for Health Statistics. 2000. Available from: http://www.cdc.gov/nchs/data/dvs/panelreport_acc.pdf.
- ³ Martin JA, Hamilton BE, Sutton PD, et al. Births: Final data for 2004. National vital statistics reports; vol 55 no 1. Hyattsville, MD: National Center for Health Statistics. 2006.
- ⁴ NCHS Procedures for Multiple-Race and Hispanic Origin Data: Collection, Coding, Editing, and Transmittal. Division of Vital Statistics, National Center for Health Statistics, Centers for Disease Control and Prevention, May 7, 2004. Available from: http://www.cdc.gov/nchs/data/dvs/Multiple_race_docu_5-10-04.pdf.