

Boulder County Births and Deaths 2008

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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: Boulder County residents, 2008

Characteristic	Number	Percent
Total Live Births	3,215	100.0
Age of Mother		
10-17	70	2.2
18-19	121	3.8
20-29	1,191	37.1
30+	1,832	57.0
Low Weight Births (<2,500 Grams)	272	8.5
Very Low Weight Births (<1,500 Grams)	38	1.2
Prenatal Care Later than 1st Trimester/No Care	492	16.2
No Prenatal Care	13	0.4
Preterm Births (<37 Weeks)	280	8.7
Education of Mother <High School Diploma/GED	581	18.4
Live Births to Unmarried Women	645	20.1
Smoking During Pregnancy	154	4.8

"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: Boulder 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	3,215	100.0	70	100.0	121	100.0	1,191	100.0	1,832	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	2,089	68.2	19	29.7	36	33.6	620	55.3	1,413	79.8
White Hispanic	724	23.6	43	67.2	64	59.8	395	35.2	222	12.5
Black	26	0.8	0	0.0	*	*	14	1.2	11	0.6
Other	225	7.3	*	*	6	5.6	92	8.2	125	7.1
Low Weight Births (<2,500 Grams)	272	8.5	4	5.7	12	10.0	90	7.6	166	9.1
Very Low Weight Births (<1,500 Grams)	38	1.2	*	*	3	2.5	13	1.1	21	1.1
Prenatal Care Later than 1st Trimester/No Care	492	16.2	23	37.7	43	37.4	242	21.4	184	10.6
No Prenatal Care	13	0.4	0	0.0	*	*	7	0.6	4	0.2
Preterm Births (<37 Weeks)	280	8.7	6	8.6	10	8.4	92	7.7	172	9.4
Education of Mother <High School Diploma/GED	581	18.4	60	89.6	68	57.1	320	27.3	133	7.4
Live Births to Unmarried Women	645	20.1	59	84.3	90	74.4	331	27.8	165	9.0
Smoking During Pregnancy	154	4.8	6	8.6	11	9.2	92	7.8	45	2.5

"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.cdph.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: Boulder 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	2,089	100.0	724	100.0	26	100.0	180	100.0	19	100.0
Age of Mother										
10-17	19	0.9	43	5.9	0	0.0	0	0.0	*	*
18-19	36	1.7	64	8.8	*	*	*	*	*	*
20-29	620	29.7	395	54.6	14	53.8	65	36.1	12	63.2
30+	1,413	67.6	222	30.7	11	42.3	114	63.3	4	21.1
Low Weight Births (<2,500 Grams)	187	9.0	56	7.7	*	*	16	8.9	*	*
Very Low Weight Births (<1,500 Grams)	24	1.1	10	1.4	0	0.0	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	240	12.0	169	24.6	8	33.3	18	11.0	8	47.1
No Prenatal Care	4	0.2	6	0.9	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	200	9.6	57	7.9	0	0.0	12	6.8	*	*
Education of Mother <High School Diploma/GED	86	4.2	415	58.3	3	11.5	6	3.4	6	31.6
Live Births to Unmarried Women	315	15.1	248	34.3	7	26.9	8	4.4	7	36.8
Smoking During Pregnancy	124	6.0	15	2.1	*	*	*	*	*	*

"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: Boulder County residents, 2008

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	3,215	65,318	49.2	47.6	50.9
Teen Age Groups		*			
13-14	*	3,305	*	*	*
15-17	68	5,489	12.4	9.4	15.4
18-19	121	6,551	18.5	15.1	21.8
10-17	70	13,838	5.1	3.8	6.3
10-19	191	20,388	9.4	8.0	10.7
All Age Groups		*			
10-14	*	8,349	*	*	*
15-19	189	12,039	15.7	13.4	18.0
20-24	439	14,072	31.2	28.3	34.1
25-29	752	8,024	93.7	87.3	100.2
30-34	983	10,169	96.7	90.9	102.5
35-39	667	10,634	62.7	58.1	67.4
40-49	182	22,727	8.0	6.8	9.2

** 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 definitions of data items.

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

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

	1998	2004	2005	2006	2007	2008	2004-2008 Annual Average
Total Population	274,121	287,311	288,105	290,747	294,654	298,685	291,900
Total Births							
Number	3,426	3,548	3,500	3,407	3,461	3,215	3,426
Birth Rate	12.5	12.3	12.1	11.7	11.7	10.8	11.7
General Fertility Rate	50.2	54.0	54.1	52.8	53.3	49.2	52.7
Age of Mother 10-17							
Number	88	78	93	76	73	70	78
Percent of Total Births	2.6	2.2	2.7	2.2	2.1	2.2	2.3
Fertility Rate	6.4	5.5	6.7	5.4	5.3	5.1	5.6
Low Weight Births (<2,500 Grams)							
Number	248	280	295	239	235	272	264
Percent	7.2	7.9	8.4	7.0	6.8	8.5	7.7
Prenatal Care Later Than 1st Trimester/No Care							
Number	498	360	418	384	535	492	438
Percent	14.6	10.2	12.0	11.3	15.8	16.2	13.0
Births to Unmarried Women							
Number	620	710	691	670	668	645	
Percent	18.1	20.0	19.7	19.7	19.3	20.1	
Mother's Education <12 Years							
Number	424	624	585	533	648	581	
Percent	12.5	17.7	17.0	16.3	18.7	18.1	
Infant Deaths							
Number	11	15	14	15	15	19	16
Rate	3.2	4.2	4.0	4.4	4.3	5.9	4.6
Neonatal Deaths							
Number	5	12	10	8	13	17	12
Rate	1.5	3.4	2.9	2.3	3.8	5.3	3.5
Total Deaths							
Number	1,371	1,364	1,446	1,452	1,511	1,551	1,465
Crude Rate	500.1	474.7	501.9	499.4	512.8	519.3	501.8
Age-Adjusted Rate	743.5	643.8	664.2	663.2	688.8	695.0	671.1
Cardiovascular Disease							
Number	434	398	413	412	412	412	409
Age-Adjusted Rate	244.4	200.0	199.8	198.5	198.4	195.8	198.5
Heart Disease							
Number	330	276	293	296	298	315	296
Age-Adjusted Rate	184.0	137.2	140.1	141.0	142.1	145.9	141.3

(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: Boulder County residents, 1998, 2004-2008

	1998	2004	2005	2006	2007	2008	2004-2008 Annual Average
Cerebrovascular Disease							
Number	103	88	80	82	84	75	82
Age-Adjusted Rate	59.9	45.2	39.5	41.0	42.2	38.3	41.2
Malignant Neoplasms							
Number	301	303	314	322	324	341	321
Age-Adjusted Rate	163.4	138.1	143.4	141.8	143.0	150.8	143.4
Lung Cancer							
Number	82	62	69	60	76	71	68
Age-Adjusted Rate	44.9	29.0	32.6	27.8	32.7	31.9	30.8
Breast Cancer							
Number	21	27	39	34	23	35	32
Age-Adjusted Rate	11.0	9.8	16.2	14.3	9.3	13.8	12.7
Total Unintentional Injuries							
Number	71	109	113	119	128	144	123
Age-Adjusted Rate	29.0	45.4	45.5	47.8	52.0	58.0	49.7
Motor Vehicle							
Number	33	29	25	23	20	26	25
Age-Adjusted Rate	11.1	10.5	8.7	8.6	6.4	8.8	8.5
Other Unintentional Injuries							
Number	38	80	88	96	108	118	98
Age-Adjusted Rate	17.9	34.8	36.8	39.2	45.6	49.3	41.2
Chronic Lower Respiratory Diseases							
Number	96	78	84	82	107	91	88
Age-Adjusted Rate	57.1	40.5	42.6	41.8	53.1	42.4	44.1
Suicide							
Number	44	40	49	48	43	46	45
Age-Adjusted Rate	17.7	12.6	15.2	16.7	13.8	15.6	14.7
Homicide and Legal Intervention							
Number	7	4	*	3	4	*	3
Age-Adjusted Rate	2.6	1.5	*	1.0	1.2	*	1.0
Work-Related Injury							
Number	4	*	4	*	*	3	*
Age-Adjusted Rate	1.4	*	1.1	*	*	0.9	*

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.

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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: Boulder 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	1,551	100.0	1,414	100.0	93	100.0	12	100.0	17	100.0	10	100.0
Cardiovascular Disease	412	26.6	380	26.9	22	23.7	4	33.3	4	23.5	*	*
Heart Disease	315	20.3	289	20.4	16	17.2	4	33.3	4	23.5	*	*
Cerebrovascular Disease	75	4.8	71	5.0	4	4.3	0	0.0	0	0.0	0	0.0
Atherosclerosis	5	0.3	5	0.4	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	341	22.0	313	22.1	21	22.6	*	*	3	17.6	*	*
Lung Cancer	71	4.6	64	4.5	7	7.5	0	0.0	0	0.0	0	0.0
Breast Cancer	35	2.3	34	2.4	0	0.0	0	0.0	0	0.0	*	*
Chronic Lower Respiratory Disease	91	5.9	85	6.0	3	3.2	0	0.0	*	*	*	*
Unintentional Injuries	144	9.3	130	9.2	10	10.8	*	*	0	0.0	*	*
Motor Vehicle	26	1.7	20	1.4	6	6.5	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	118	7.6	110	7.8	4	4.3	*	*	0	0.0	*	*
Pneumonia and Influenza	39	2.5	32	2.3	6	6.5	0	0.0	*	*	0	0.0
Suicide	46	3.0	40	2.8	4	4.3	0	0.0	*	*	*	*
Diabetes Mellitus	25	1.6	21	1.5	*	*	*	*	0	0.0	*	*
HIV Infection	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	21	1.4	16	1.1	3	3.2	0	0.0	0	0.0	*	*
Alzheimer's Disease	82	5.3	76	5.4	3	3.2	0	0.0	*	*	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	17	1.1	15	1.1	*	*	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	9	0.6	8	0.6	*	*	0	0.0	0	0.0	0	0.0
Congenital Anomalies	12	0.8	8	0.6	3	3.2	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	8	0.5	5	0.4	*	*	*	*	*	*	0	0.0
All Other	301	19.4	282	19.9	13	14.0	*	*	4	23.5	0	0.0
Injury by Firearm	23	1.5	21	1.5	*	*	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	41	2.6	37	2.6	*	*	0	0.0	0	0.0	*	*
Alcohol-Induced Deaths	39	2.5	32	2.3	6	6.5	0	0.0	0	0.0	*	*
Work-Related Injury (Y/N Check Death Certificate)	3	0.2	3	0.2	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: Boulder County residents, 2008

Age Group	Deaths	Population	Age-Specific Death Rate
	Age Group	Age Group	Age Group
All Ages	1,551	298,685	5.2
Infant	19	3,215	5.9
Neonatal	17	3,215	5.3
1-4	3	14,553	0.2
5-9	*	18,027	*
10-14	*	16,830	*
15-19	9	24,411	0.4
20-24	18	30,061	0.6
25-29	15	16,736	0.9
30-34	10	21,924	0.5
35-39	24	22,767	1.1
40-44	30	21,301	1.4
45-49	47	24,513	1.9
50-54	74	24,303	3.0
55-59	101	21,206	4.8
60-64	86	14,463	5.9
65-69	83	6,983	11.9
70-74	117	5,717	20.5
75-79	151	4,729	31.9
80-84	245	3,407	71.9
85+	517	3,224	160.3
1-14	5	49,410	0.1
15-24	27	54,472	0.5
25-64	387	167,211	2.3
65+	1,113	24,060	46.3

* 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: Boulder 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	19	5.9	5	0.1	27	0.5	79	1.0	308	3.6	1,113	46.3
Cardiovascular Disease	0	0.0	0	0.0	*	*	*	*	55	0.7	354	14.7
Heart Disease	0	0.0	0	0.0	*	*	*	*	54	0.6	258	10.7
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	74	3.1
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	0.2
Malignant Neoplasms	0	0.0	0	0.0	0	0.0	14	0.2	96	1.1	231	9.6
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	20	0.2	50	2.1
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	16	0.2	18	0.7
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	18	0.2	73	3.0
Unintentional Injuries	0	0.0	0	0.0	17	0.3	22	0.3	31	0.4	74	3.1
Motor Vehicle	0	0.0	0	0.0	8	0.1	5	0.1	7	0.1	6	0.2
Other Unintentional Injuries	0	0.0	0	0.0	9	0.2	17	0.2	24	0.3	68	2.8
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	*	*	6	0.1	32	1.3
Suicide	0	0.0	0	0.0	6	0.1	15	0.2	17	0.2	8	0.3
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	10	0.1	13	0.5
HIV Infection	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	5	0.1	13	0.2	3	0.1
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	81	3.4
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	17	0.7
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	3	0.0	6	0.2
Congenital Anomalies	7	2.2	*	*	*	*	0	0.0	*	*	0	0.0
Perinatal Period Conditions	8	2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	4	1.2	3	0.1	*	*	16	0.2	56	0.7	221	9.2
Injury by Firearm	0	0.0	0	0.0	*	*	9	0.1	7	0.1	5	0.2
Drug-Induced Deaths	0	0.0	0	0.0	6	0.1	14	0.2	19	0.2	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	7	0.1	29	0.3	3	0.1
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.

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:
Boulder County residents, 2008**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	1,551	519.3	695.0	660.8	729.2
Cardiovascular Disease	412	137.9	195.8	176.8	214.8
Heart Disease	315	105.5	145.9	129.6	162.1
Cerebrovascular Disease	75	25.1	38.3	29.6	47.0
Atherosclerosis	5	1.7	2.7	1.1	4.9
Malignant Neoplasms	341	114.2	150.8	134.3	167.3
Lung Cancer	71	23.8	31.9	24.2	39.6
Breast Cancer	35	11.7	13.8	9.0	18.6
Chronic Lower Respiratory Diseases	91	30.5	42.4	33.5	51.3
Unintentional Injuries	144	48.2	58.0	48.2	67.9
Motor Vehicle	26	8.7	8.8	5.2	12.3
Other Unintentional Injuries	115	38.5	47.7	38.7	56.8
Pneumonia and Influenza	39	13.1	18.2	12.4	24.1
Suicide	46	15.4	15.6	10.9	20.3
Diabetes Mellitus	25	8.4	10.2	6.0	14.4
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	21	7.0	6.8	3.7	9.8
Alzheimer's Disease	82	27.5	40.9	32.1	49.7
Nephritis, Nephrosis, Nephrotic Syndrome	17	5.7	8.9	4.6	13.1
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	9	3.0	3.9	2.0	6.5
Congenital Anomalies	12	4.0	4.3	1.8	6.8
Perinatal Period Conditions	8	2.7	3.1	1.4	5.5
All Other	301	100.8	135.2	119.7	150.7
Injury by Firearm	23	7.7	8.2	4.7	11.7
Drug-Induced Deaths	41	13.7	12.7	8.7	16.6
Alcohol-Induced Deaths	39	13.1	11.7	7.9	15.5
Work-Related Injury (Y/N Check Death Certificate)	3	1.0	0.9	0.1	2.5

** 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.