

6 ci `XYf County Births and Deaths 20%

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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, 2010

Characteristic	Number	Percent
Total Live Births	3,041	100.0
Age of Mother		
10-17	65	2.1
18-19	101	3.3
20-29	1,085	35.7
30+	1,790	58.9
Low Weight Births (<2,500 Grams)	237	7.8
Very Low Weight Births (<1,500 Grams)	42	1.4
Prenatal Care Later than 1st Trimester/No Care	443	14.8
No Prenatal Care	13	0.4
Preterm Births (<37 Weeks)	251	8.3
Education of Mother <High School Diploma/GED	467	15.6
Live Births to Unmarried Women	575	18.9
Smoking During Pregnancy	122	4.0

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected starting 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, 2010

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	3,041	100.0	65	100.0	101	100.0	1,085	100.0	1,790	100.0
Race/Ethnicity of Mother										
White, Non-Hispanic	1,999	68.3	15	26.3	35	37.2	616	59.6	1,333	76.6
White, Hispanic	640	21.9	35	61.4	49	52.1	322	31.1	234	13.4
Black	26	0.9	*	*	*	*	9	0.9	14	0.8
Asian American/Pacific Islander	202	6.9	0	0.0	*	*	56	5.4	145	8.3
American Indian/Native Alaskan	18	0.6	4	7.0	0	0.0	9	0.9	5	0.3
Other	41	1.4	*	*	7	7.4	22	2.1	10	0.6
Unknown	115		8		7		51		49	
Low Weight Births (<2,500 Grams)	237	7.8	6	9.2	9	8.9	68	6.3	154	8.6
Very Low Weight Births (<1,500 Grams)	42	1.4	*	*	*	*	11	1.0	29	1.6
Prenatal Care Later than 1st Trimester/No Care	443	14.8	22	34.9	34	34.0	194	18.1	193	11.0
No Prenatal Care	13	0.4	0	0.0	*	*	5	0.5	6	0.3
Preterm Births (<37 Weeks)	251	8.3	5	7.7	5	5.0	75	6.9	166	9.3
Education of Mother <High School Diploma/GED	467	15.6	57	90.5	45	44.6	226	21.2	139	7.9
Live Births to Unmarried Women	575	18.9	60	92.3	69	68.3	307	28.3	139	7.8
Smoking During Pregnancy	122	4.0	4	6.2	10	9.9	78	7.2	30	1.7

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected starting 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.

Percentage not computed for cells shaded in light gray.

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: Boulder County residents, 2010

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	1,999	100.0	640	100.0	26	100.0	202	100.0	18	100.0
Age of Mother										
10-17	15	0.8	35	5.5	*	*	0	0.0	4	22.2
18-19	35	1.8	49	7.7	*	*	*	*	0	0.0
20-29	616	30.8	322	50.3	9	34.6	56	27.7	9	50.0
30+	1,333	66.7	234	36.6	14	53.8	145	71.8	5	27.8
Low Weight Births (<2,500 Grams)	164	8.2	50	7.8	*	*	14	6.9	*	*
Very Low Weight Births (<1,500 Grams)	31	1.6	7	1.1	0	0.0	3	1.5	0	0.0
Prenatal Care Later than 1st Trimester/No Care	237	12.0	134	21.3	9	36.0	23	11.7	6	35.3
No Prenatal Care	8	0.4	*	*	0	0.0	*	*	0	0.0
Preterm Births (<37 Weeks)	172	8.6	49	7.7	0	0.0	16	7.9	3	16.7
Education of Mother <High School Diploma/GED	71	3.6	329	52.4	3	11.5	10	5.0	6	33.3
Live Births to Unmarried Women	303	15.2	197	30.8	8	30.8	7	3.5	9	50.0
Smoking During Pregnancy	104	5.2	6	0.9	0	0.0	*	*	*	*

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected starting 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, 2010

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	3,041	63,912	47.6	45.9	49.2
Teen Age Groups					
13-14	*	3,357	*	*	*
15-17	63	5,139	12.3	9.2	15.4
18-19	101	6,109	16.5	13.3	19.8
10-17	65	13,800	4.7	3.5	5.9
10-19	166	19,909	8.3	7.0	9.6
All Age Groups					
10-14	*	8,661	*	*	*
15-19	164	11,248	14.6	12.3	16.8
20-24	389	13,409	29.0	26.1	31.9
25-29	696	9,500	73.3	68.0	78.6
30-34	967	9,436	102.5	96.3	108.7
35-39	647	9,934	65.1	60.2	70.0
40-49	176	21,654	8.1	6.9	9.3

** 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, 2000, 2006-2010

	2000	2006	2007	2008	2009	2010	2006-2010 Annual Average
Total Population	269,814	286,133	288,757	291,827	293,641	294,567	290,985
Total Births							
Number	3,864	3,407	3,461	3,215	3,235	3,041	3,272
Birth Rate	14.3	11.9	12.0	11.0	11.0	10.3	11.2
General Fertility Rate	58.4	52.6	53.3	49.3	50.1	47.6	50.6
Age of Mother 10-17							
Number	102	76	73	70	70	65	71
Percent of Total Births	2.6	2.2	2.1	2.2	2.2	2.1	2.2
Fertility Rate	7.6	5.4	5.2	5.0	5.0	4.7	5.1
Low Weight Births (<2,500 Grams)							
Number	294	239	235	272	253	237	247
Percent	7.6	7.0	6.8	8.5	7.8	7.8	7.6
Prenatal Care Later Than 1st Trimester/No Care							
Number	600	384	535	492	545	443	480
Percent	15.6	11.3	15.8	16.2	17.5	14.8	15.1
Births to Unmarried Women							
Number	711	670	668	645	572	575	
Percent	18.4	19.7	19.3	20.1	17.7	18.9	
Mother's Education <12 Years							
Number	585	533	648	581	498	467	
Percent	15.3	16.3	19.0	18.4	15.8	15.6	
Infant Deaths							
Number	20	15	15	19	20	22	18
Rate	5.2	4.4	4.3	5.9	6.2	7.2	5.6
Neonatal Deaths							
Number	15	8	13	17	10	17	13
Rate	3.9	2.3	3.8	5.3	3.1	5.6	4.0
Total Deaths							
Number	1,411	1,452	1,511	1,551	1,509	1,533	1,511
Crude Rate	523.0	507.5	523.3	531.5	513.9	520.4	519.3
Age-Adjusted Rate	759.6	644.2	667.7	655.1	609.9	606.5	635.8
Cardiovascular Disease							
Number	438	412	412	412	412	421	414
Age-Adjusted Rate	251.4	189.9	190.6	181.3	172.1	169.5	180.2
Heart Disease							
Number	315	296	298	315	306	332	309
Age-Adjusted Rate	180.1	135.1	136.2	135.2	127.3	133.0	133.2

(Continued)

HIGHLIGHTED ROWS: Denotes data items collected starting 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, 2000, 2006-2010

	2000	2006	2007	2008	2009	2010	2006-2010 Annual Average
Cerebrovascular Disease							
Number	100	82	84	75	78	72	78
Age-Adjusted Rate	58.3	39.0	40.9	35.2	32.5	29.7	35.2
Malignant Neoplasms							
Number	326	322	324	341	333	331	330
Age-Adjusted Rate	174.5	139.5	140.2	144.2	132.3	129.2	136.9
Lung Cancer							
Number	69	60	76	71	57	63	65
Age-Adjusted Rate	39.2	27.3	32.2	30.2	23.0	24.8	27.4
Breast Cancer							
Number	35	34	23	35	40	28	32
Age-Adjusted Rate	17.2	14.1	9.2	13.4	15.3	10.1	12.4
Total Unintentional Injuries							
Number	89	119	128	144	111	103	121
Age-Adjusted Rate	39.0	47.2	50.8	55.8	39.7	37.9	46.2
Motor Vehicle							
Number	33	23	20	26	23	21	23
Age-Adjusted Rate	13.2	8.6	6.4	8.7	7.4	6.9	7.6
Other Unintentional Injuries							
Number	56	96	108	118	88	82	98
Age-Adjusted Rate	25.8	38.6	44.4	47.1	32.3	30.9	38.6
Chronic Lower Respiratory Diseases							
Number	96	82	107	91	76	92	90
Age-Adjusted Rate	56.0	40.5	51.5	39.6	34.3	39.2	40.9
Suicide							
Number	47	48	43	46	59	61	51
Age-Adjusted Rate	16.8	17.1	14.3	15.8	19.5	19.9	17.3
Homicide and Legal Intervention							
Number	6	3	4	*	8	6	5
Age-Adjusted Rate	2.1	1.1	1.3	*	2.7	2.3	1.6
Work-Related Injury							
Number	3	*	*	3	0	8	*
Age-Adjusted Rate	1.2	*	*	1.0	0.0	2.9	*

HIGHLIGHTED ROWS: Denotes data items collected starting 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.

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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, 2010

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	1,533	100.0	1,427	100.0	70	100.0	6	100.0	24	100.0	4	100.0
Cardiovascular Disease	421	27.5	401	28.1	9	12.9	3	50.0	8	33.3	0	0.0
Heart Disease	332	21.7	317	22.2	7	10.0	3	50.0	5	20.8	0	0.0
Cerebrovascular Disease	72	4.7	68	4.8	*	*	0	0.0	*	*	0	0.0
Atherosclerosis	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	331	21.6	298	20.9	23	32.9	*	*	7	29.2	*	*
Lung Cancer	63	4.1	60	4.2	*	*	0	0.0	*	*	0	0.0
Breast Cancer	28	1.8	27	1.9	0	0.0	0	0.0	*	*	0	0.0
Chronic Lower Respiratory Disease	92	6.0	88	6.2	3	4.3	0	0.0	*	*	0	0.0
Unintentional Injuries	103	6.7	94	6.6	6	8.6	0	0.0	3	12.5	0	0.0
Motor Vehicle	21	1.4	19	1.3	*	*	0	0.0	*	*	0	0.0
Other Unintentional Injuries	82	5.3	75	5.3	5	7.1	0	0.0	*	*	0	0.0
Pneumonia and Influenza	29	1.9	27	1.9	*	*	0	0.0	0	0.0	0	0.0
Suicide	61	4.0	56	3.9	4	5.7	0	0.0	*	*	0	0.0
Diabetes Mellitus	26	1.7	25	1.8	0	0.0	0	0.0	*	*	0	0.0
HIV Infection	3	0.2	3	0.2	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	14	0.9	12	0.8	*	*	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	82	5.3	77	5.4	4	5.7	0	0.0	*	*	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	18	1.2	17	1.2	*	*	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention	6	0.4	5	0.4	0	0.0	0	0.0	0	0.0	*	*
Septicemia	17	1.1	16	1.1	*	*	0	0.0	0	0.0	0	0.0
Congenital Anomalies	9	0.6	6	0.4	3	4.3	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	13	0.8	10	0.7	0	0.0	0	0.0	*	*	0	0.0
All Other	308	20.1	292	20.5	12	17.1	*	*	*	*	*	*
Injury by Firearm	29	1.9	26	1.8	*	*	0	0.0	*	*	*	*
Drug-Induced Deaths	23	1.5	19	1.3	4	5.7	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	19	1.2	18	1.3	0	0.0	0	0.0	0	0.0	*	*
Work-Related Injury (Y/N Check Death Certificate)	8	0.5	7	0.5	*	*	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, 2010

Age Group	Deaths	Population	Age-Specific Death Rate
	Age Group	Age Group	Age Group
All Ages	1,533	294,567	5.2
Infant	22	3,041	7.2
Neonatal	17	3,041	5.6
1-4	4	13,376	0.3
5-9	3	18,100	0.2
10-14	0	17,682	0.0
15-19	5	22,949	0.2
20-24	17	29,354	0.6
25-29	14	20,208	0.7
30-34	19	19,171	1.0
35-39	17	20,177	0.8
40-44	23	20,812	1.1
45-49	31	22,085	1.4
50-54	49	22,522	2.2
55-59	89	19,866	4.5
60-64	91	15,621	5.8
65-69	83	10,006	8.3
70-74	123	6,725	18.3
75-79	170	4,943	34.4
80-84	215	3,794	56.7
85+	558	4,053	137.7
1-14	7	49,158	0.1
15-24	22	52,303	0.4
25-64	333	160,462	2.1
65+	1,149	29,521	38.9

** 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: Boulder County residents, 2010

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	22	7.2	7	0.1	22	0.4	73	0.9	260	3.2	1,149	38.9
Cardiovascular Disease	0	0.0	0	0.0	*	*	3	0.0	54	0.7	363	12.3
Heart Disease	0	0.0	0	0.0	*	*	3	0.0	42	0.5	286	9.7
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	8	0.1	64	2.2
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	*	*
Malignant Neoplasms	0	0.0	*	*	*	*	5	0.1	93	1.2	230	7.8
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	16	0.2	47	1.6
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	12	0.1	16	0.5
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	7	0.1	85	2.9
Unintentional Injuries	*	*	*	*	8	0.2	20	0.2	18	0.2	55	1.9
Motor Vehicle	0	0.0	0	0.0	6	0.1	7	0.1	4	0.0	4	0.1
Other Unintentional Injuries	*	*	*	*	*	*	13	0.2	14	0.2	51	1.7
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	*	*	3	0.0	25	0.8
Suicide	0	0.0	0	0.0	10	0.2	25	0.3	21	0.3	5	0.2
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	5	0.1	21	0.7
HIV Infection	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	9	0.1	5	0.2
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	80	2.7
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	*	*	0	0.0	*	*	16	0.5
Homicide and Legal Intervention	*	*	0	0.0	0	0.0	3	0.0	*	*	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	*	*	*	*	14	0.5
Congenital Anomalies	4	1.3	3	0.1	0	0.0	*	*	0	0.0	*	*
Perinatal Period Conditions	13	4.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	*	*	*	*	*	*	13	0.2	42	0.5	249	8.4
Injury by Firearm	0	0.0	0	0.0	5	0.1	14	0.2	9	0.1	*	*
Drug-Induced Deaths	0	0.0	0	0.0	*	*	11	0.1	9	0.1	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	5	0.1	12	0.1	*	*
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	5	0.1	*	*	*	*

* 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, 2010**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	1,533	520.4	606.5	576.5	636.5
Cardiovascular Disease	421	142.9	169.5	153.2	185.8
Heart Disease	332	112.7	133.0	118.6	147.5
Cerebrovascular Disease	72	24.4	29.7	22.7	36.6
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	331	112.4	129.2	114.9	143.5
Lung Cancer	63	21.4	24.8	18.5	31.1
Breast Cancer	28	9.5	10.1	6.2	14.0
Chronic Lower Respiratory Diseases	92	31.2	39.2	31.1	47.3
Unintentional Injuries	103	35.0	37.9	30.4	45.3
Motor Vehicle	21	7.1	6.9	3.9	10.0
Other Unintentional Injuries	81	27.5	30.7	23.9	37.5
Pneumonia and Influenza	29	9.8	11.7	7.4	16.0
Suicide	61	20.7	19.9	14.8	24.9
Diabetes Mellitus	26	8.8	10.4	6.3	14.5
HIV Infection	3	1.0	0.9	0.1	2.3
Chronic Liver Disease and Cirrhosis	14	4.8	4.6	2.1	7.0
Alzheimer's Disease	82	27.8	33.9	26.5	41.3
Nephritis, Nephrosis, Nephrotic Syndrome	18	6.1	7.7	4.1	11.3
Homicide and Legal Intervention	6	2.0	2.3	0.9	4.3
Septicemia	17	5.8	6.8	3.5	10.1
Congenital Anomalies	9	3.1	3.8	1.9	6.3
Perinatal Period Conditions	13	4.4	5.8	2.6	8.9
All Other	308	104.6	123.1	109.2	136.9
Injury by Firearm	29	9.8	9.2	5.8	12.6
Drug-Induced Deaths	23	7.8	7.5	4.4	10.6
Alcohol-Induced Deaths	19	6.5	5.8	3.2	8.5
Work-Related Injury (Y/N Check Death Certificate)	8	2.7	2.9	1.2	5.5

** 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.