

La Plata County Births and Deaths 2009

Selected birth characteristics: County residents, 2009	2
Selected birth characteristics by age group of mother: County residents, 2009	3
Selected birth characteristics by race/ethnicity of mother: County residents, 2009	4
Live births and fertility rates: County residents, 2009	5
Vital statistics summary: County residents, 1999, 2005-2009	6
Deaths from selected causes by race/ethnicity: County residents, 2009	8
Deaths and age-specific death rates: County residents, 2009	9
Deaths and age-specific death rates from selected causes: County residents, 2009	10
Deaths, crude death rates and age-adjusted death rates from selected causes: County residents, 2009	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: La Plata County residents, 2009

Characteristic	Number	Percent
Total Live Births	592	100.0
Age of Mother		
10-17	16	2.7
18-19	34	5.7
20-29	293	49.5
30+	249	42.1
Low Weight Births (<2,500 Grams)	41	6.9
Very Low Weight Births (<1,500 Grams)	5	0.8
Prenatal Care Later than 1st Trimester/No Care	157	26.7
No Prenatal Care	*	*
Preterm Births (<37 Weeks)	48	8.1
Education of Mother <High School Diploma/GED	85	14.4
Live Births to Unmarried Women	185	31.3
Smoking During Pregnancy	53	9.0

"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 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: La Plata County residents, 2009

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	592	100.0	16	100.0	34	100.0	293	100.0	249	100.0
Race/Ethnicity of Mother										
White, Non-Hispanic	412	69.7	4	25.0	18	52.9	187	64.0	203	81.5
White, Hispanic	41	6.9	*	*	4	11.8	23	7.9	13	5.2
Black	*	*	0	0.0	0	0.0	*	*	*	*
Asian American/Pacific Islander	6	1.0	0	0.0	*	*	*	*	3	1.2
American Indian/Native Alaskan	57	9.6	6	37.5	5	14.7	37	12.7	9	3.6
Other	73	12.4	5	31.3	6	17.6	42	14.4	20	8.0
Unknown	*	*	0	0.0	0	0.0	*	*	0	0.0
Low Weight Births (<2,500 Grams)	41	6.9	*	*	3	8.8	23	7.8	13	5.2
Very Low Weight Births (<1,500 Grams)	5	0.8	*	*	*	*	3	1.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	157	26.7	8	50.0	19	57.6	81	27.8	49	19.8
No Prenatal Care	*	*	0	0.0	0	0.0	*	*	*	*
Preterm Births (<37 Weeks)	48	8.1	*	*	4	11.8	23	7.8	19	7.6
Education of Mother <High School Diploma/GED	85	14.4	15	93.8	15	44.1	39	13.4	16	6.4
Live Births to Unmarried Women	185	31.3	16	100.0	25	73.5	106	36.2	38	15.3
Smoking During Pregnancy	53	9.0	3	18.8	4	12.1	33	11.3	13	5.2

"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.

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: La Plata County residents, 2009

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	412	100.0	41	100.0	*	*	6	100.0	57	100.0
Age of Mother										
10-17	4	1.0	*	*	0	0.0	0	0.0	6	10.5
18-19	18	4.4	4	9.8	0	0.0	*	*	5	8.8
20-29	187	45.4	23	56.1	*	*	*	*	37	64.9
30+	203	49.3	13	31.7	*	*	3	50.0	9	15.8
Low Weight Births (<2,500 Grams)	30	7.3	4	9.8	0	0.0	0	0.0	3	5.3
Very Low Weight Births (<1,500 Grams)	4	1.0	*	*	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	89	21.7	21	51.2	0	0.0	*	*	22	40.0
No Prenatal Care	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	36	8.7	3	7.3	0	0.0	*	*	*	*
Education of Mother <High School Diploma/GED	29	7.0	13	31.7	*	*	*	*	13	22.8
Live Births to Unmarried Women	91	22.1	16	39.0	*	*	*	*	38	66.7
Smoking During Pregnancy	40	9.7	8	19.5	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: La Plata County residents, 2009

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	592	10,254	57.7	53.2	62.3
Teen Age Groups					
13-14	*	645	*	*	*
15-17	15	946	15.9	7.4	24.3
18-19	34	1,074	31.7	20.7	42.6
10-17	16	2,402	6.7	3.2	10.1
10-19	50	3,476	14.4	10.3	18.5
All Age Groups					
10-14	*	1,456	*	*	*
15-19	49	2,020	24.3	17.3	31.2
20-24	126	1,730	72.8	60.3	85.4
25-29	167	1,221	136.8	117.1	156.5
30-34	154	1,882	81.8	69.2	94.5
35-39	72	1,756	41.0	31.4	50.6
40-49	23	3,688	6.2	3.6	8.9

** 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: La Plata County residents, 1999, 2005-2009

	1999	2005	2006	2007	2008	2009	2005-2009 Annual Average
Total Population	42,757	48,190	48,989	49,828	50,868	51,664	49,908
Total Births							
Number	409	534	555	633	600	592	583
Birth Rate	9.6	11.1	11.3	12.7	11.8	11.5	11.7
General Fertility Rate	41.6	52.8	54.7	62.0	58.3	57.7	57.1
Age of Mother 10-17							
Number	9	9	12	23	14	16	15
Percent of Total Births	2.2	1.7	2.2	3.6	2.3	2.7	2.5
Fertility Rate	3.9	3.7	4.9	9.3	5.7	6.7	6.0
Low Weight Births (<2,500 Grams)							
Number	22	54	54	46	47	41	48
Percent	5.4	10.1	9.7	7.3	7.8	6.9	8.3
Prenatal Care Later Than 1st Trimester/No Care							
Number	167	194	221	201	184	157	191
Percent	41.0	36.5	40.0	32.0	31.1	26.7	33.1
Births to Unmarried Women							
Number	103	128	145	180	186	185	
Percent	25.2	24.0	26.1	28.4	31.0	31.3	
Mother's Education <12 Years							
Number	35	50	68	72	85	85	
Percent	8.6	9.4	12.3	11.5	14.2	14.4	
Infant Deaths							
Number	0	3	*	0	0	4	*
Rate	0.0	5.6	*	0.0	0.0	6.8	*
Neonatal Deaths							
Number	0	*	*	0	0	3	*
Rate	0.0	*	*	0.0	0.0	5.1	*
Total Deaths							
Number	245	286	285	276	263	302	282
Crude Rate	573.0	593.5	581.8	553.9	517.0	584.5	565.8
Age-Adjusted Rate	745.1	730.9	697.1	656.4	604.8	661.5	668.8
Cardiovascular Disease							
Number	70	87	84	96	76	86	86
Age-Adjusted Rate	226.3	230.4	216.3	244.6	179.7	194.4	212.6
Heart Disease							
Number	52	63	73	84	65	71	71
Age-Adjusted Rate	166.7	162.0	188.3	212.7	150.9	159.5	174.6

(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: La Plata County residents, 1999, 2005-2009

	1999	2005	2006	2007	2008	2009	2005-2009 Annual Average
Cerebrovascular Disease							
Number	16	20	10	7	8	11	11
Age-Adjusted Rate	53.3	57.1	25.3	18.5	20.7	25.5	28.9
Malignant Neoplasms							
Number	48	60	69	60	61	63	63
Age-Adjusted Rate	145.7	149.0	163.5	135.3	130.9	133.1	142.0
Lung Cancer							
Number	13	14	16	18	17	8	15
Age-Adjusted Rate	38.8	37.6	38.9	46.6	38.6	16.3	35.3
Breast Cancer							
Number	*	8	7	3	*	3	5
Age-Adjusted Rate	*	18.7	16.0	7.2	*	4.8	10.2
Total Unintentional Injuries							
Number	23	18	26	32	23	30	26
Age-Adjusted Rate	58.0	36.8	52.8	70.2	49.1	61.7	54.4
Motor Vehicle							
Number	11	9	13	15	9	11	11
Age-Adjusted Rate	25.2	19.6	25.1	30.3	19.4	21.1	23.1
Other Unintentional Injuries							
Number	12	9	13	17	14	19	14
Age-Adjusted Rate	32.7	17.2	27.7	39.9	29.7	40.6	31.3
Chronic Lower Respiratory Diseases							
Number	19	22	10	11	23	19	17
Age-Adjusted Rate	61.2	59.4	23.3	27.0	54.1	41.5	41.0
Suicide							
Number	7	6	8	8	9	9	8
Age-Adjusted Rate	17.1	10.1	16.2	14.5	17.4	15.6	14.9
Homicide and Legal Intervention							
Number	3	*	*	4	*	*	*
Age-Adjusted Rate	7.0	*	*	7.6	*	*	*
Work-Related Injury							
Number	0	5	*	*	*	0	*
Age-Adjusted Rate	0.0	9.4	*	*	*	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: La Plata County residents, 2009

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	302	100.0	257	100.0	21	100.0	0	0.0	*	*	19	100.0
Cardiovascular Disease	86	28.5	78	30.4	4	19.0	0	0.0	0	0.0	*	*
Heart Disease	71	23.5	63	24.5	4	19.0	0	0.0	0	0.0	*	*
Cerebrovascular Disease	11	3.6	11	4.3	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	63	20.9	52	20.2	5	23.8	0	0.0	*	*	4	21.1
Lung Cancer	8	2.6	7	2.7	*	*	0	0.0	0	0.0	0	0.0
Breast Cancer	3	1.0	*	*	0	0.0	0	0.0	*	*	0	0.0
Chronic Lower Respiratory Disease	19	6.3	18	7.0	*	*	0	0.0	0	0.0	0	0.0
Unintentional Injuries	30	9.9	19	7.4	4	19.0	0	0.0	0	0.0	6	31.6
Motor Vehicle	11	3.6	8	3.1	*	*	0	0.0	0	0.0	*	*
Other Unintentional Injuries	19	6.3	11	4.3	*	*	0	0.0	0	0.0	5	26.3
Pneumonia and Influenza	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Suicide	9	3.0	7	2.7	0	0.0	0	0.0	0	0.0	*	*
Diabetes Mellitus	8	2.6	7	2.7	*	*	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	7	2.3	3	1.2	3	14.3	0	0.0	0	0.0	*	*
Alzheimer's Disease	20	6.6	20	7.8	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	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	0	0.0	0	0.0
Perinatal Period Conditions	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
All Other	56	18.5	50	19.5	*	*	0	0.0	0	0.0	4	21.1
Injury by Firearm	4	1.3	3	1.2	*	*	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	8	2.6	5	1.9	*	*	0	0.0	0	0.0	*	*
Alcohol-Induced Deaths	10	3.3	4	1.6	4	19.0	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: La Plata County residents, 2009

Age Group	Deaths	Population	Age-Specific Death Rate
	Age Group	Age Group	Age Group
All Ages	302	51,664	5.8
Infant	4	592	6.8
Neonatal	3	592	5.1
1-4	*	2,357	*
5-9	0	2,789	0.0
10-14	0	2,912	0.0
15-19	3	4,045	0.7
20-24	*	3,754	*
25-29	3	2,635	1.1
30-34	3	3,976	0.8
35-39	7	3,737	1.9
40-44	10	3,317	3.0
45-49	10	4,047	2.5
50-54	16	4,452	3.6
55-59	15	4,296	3.5
60-64	27	3,298	8.2
65-69	18	1,638	11.0
70-74	23	1,431	16.1
75-79	27	1,071	25.2
80-84	39	706	55.2
85+	94	594	158.2
1-14	*	8,058	*
15-24	5	7,799	0.6
25-64	91	29,758	3.1
65+	201	5,440	36.9

* 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: La Plata County residents, 2009

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	4	6.8	*	*	5	0.6	23	1.7	68	4.2	201	36.9
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	*	*	17	1.1	68	12.5
Heart Disease	0	0.0	0	0.0	0	0.0	*	*	15	0.9	55	10.1
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	9	1.7
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	3	0.2	16	1.0	44	8.1
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	*	*	6	1.1
Breast Cancer	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	4	0.2	15	2.8
Unintentional Injuries	*	*	0	0.0	3	0.4	12	0.9	7	0.4	7	1.3
Motor Vehicle	0	0.0	0	0.0	*	*	5	0.4	4	0.2	*	*
Other Unintentional Injuries	*	*	0	0.0	*	*	7	0.5	3	0.2	6	1.1
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	*	*	0	0.0	*	*
Suicide	0	0.0	0	0.0	*	*	*	*	5	0.3	*	*
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	3	0.2	5	0.9
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	*	*	4	0.2	*	*
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	20	3.7
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	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
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	*	*	*	*	*	*	3	0.2	11	0.7	38	7.0
Injury by Firearm	0	0.0	0	0.0	0	0.0	0	0.0	*	*	*	*
Drug-Induced Deaths	0	0.0	0	0.0	3	0.4	3	0.2	*	*	0	0.0
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	4	0.3	4	0.2	*	*
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:
La Plata County residents, 2009**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	302	584.5	661.5	587.9	735.1
Cardiovascular Disease	86	166.5	194.4	153.0	235.8
Heart Disease	71	137.4	159.5	121.9	197.0
Cerebrovascular Disease	11	21.3	25.5	13.6	41.2
Atherosclerosis	0	0.0	0.0	0.0	0.0
Malignant Neoplasms	63	121.9	133.1	99.4	166.8
Lung Cancer	8	15.5	16.3	7.2	29.2
Breast Cancer	3	5.8	4.8	0.7	12.7
Chronic Lower Respiratory Diseases	19	36.8	41.5	22.3	60.7
Unintentional Injuries	30	58.1	61.7	39.2	84.3
Motor Vehicle	11	21.3	21.1	10.5	35.5
Other Unintentional Injuries	19	36.8	40.6	22.1	59.1
Pneumonia and Influenza	*	*	*	*	*
Suicide	9	17.4	15.6	6.7	28.3
Diabetes Mellitus	8	15.5	16.2	7.1	29.1
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	7	13.5	12.2	4.6	23.6
Alzheimer's Disease	20	38.7	51.9	29.4	74.3
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0.0	0.0	0.0
Homicide and Legal Intervention	*	*	*	*	*
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	56	108.4	126.3	92.7	159.8
Injury by Firearm	4	7.7	7.9	2.1	17.5
Drug-Induced Deaths	8	15.5	15.2	6.4	27.7
Alcohol-Induced Deaths	10	19.4	19.0	8.9	32.8
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.