

For more information about these tables contact the Health Statistics Section of the Colorado Department of Public Health and Environment at 303.692.2160.

Montrose County Births and Deaths 2007

Selected birth characteristics: Montrose County residents, 2007	2
Selected birth characteristics by age group of mother: Montrose County residents, 2007	3
Selected birth characteristics by race/ethnicity of mother: Montrose County residents, 2007	4
Live births and fertility rates: Montrose County residents, 2007	5
Vital statistics summary: Montrose County residents, 1997, 2003-2007	6
Deaths from selected causes by race/ethnicity: Montrose County residents, 2007	8
Deaths and age-specific death rates: Montrose County residents, 2007	9
Deaths and age-specific death rates from selected causes: Montrose County residents, 2007	10
Deaths, crude death rates and age-adjusted death rates from selected causes: Montrose County residents, 2007	11
Notes Regarding Colorado's Revised Certificate of Live Birth.....	12

Selected birth characteristics: Montrose County residents, 2007

Characteristic	Number	Percent
Total Live Births	556	100.0
Age of Mother		
10-17	27	4.9
18-19	66	11.9
20-29	326	58.6
30+	137	24.6
Low Weight Births (<2,500 Grams)	52	9.4
Very Low Weight Births (<1,500 Grams)	9	1.6
Prenatal Care Later than 1st Trimester/No Care	176	31.9
No Prenatal Care	3	0.5
Preterm Births (<37 Weeks)	70	12.6
Education of Mother <High School Diploma/GED	165	30.3
Live Births to Unmarried Women	150	27.1
Smoking During Pregnancy	69	12.4

"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: Montrose County residents, 2007

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	556	100.0	27	100.0	66	100.0	326	100.0	137	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	335	63.0	6	23.1	39	60.9	208	66.9	82	62.6
White Hispanic	174	32.7	18	69.2	25	39.1	89	28.6	42	32.1
Black	*	*	0	0.0	0	0.0	*	*	0	0.0
Other	21	3.9	*	*	0	0.0	12	3.9	7	5.3
Low Weight Births (<2,500 Grams)										
Very Low Weight Births (<1,500 Grams)	52	9.4	*	*	14	21.2	26	8.0	11	8.0
Prenatal Care Later than 1st Trimester/No Care	9	1.6	*	*	0	0.0	5	1.5	3	2.2
No Prenatal Care										
No Prenatal Care	176	31.9	12	44.4	20	30.3	100	31.1	44	32.4
Preterm Births (<37 Weeks)	3	0.5	0	0.0	0	0.0	*	*	*	*
Education of Mother <High School Diploma/GED										
Education of Mother <High School Diploma/GED	70	12.6	3	11.1	13	19.7	44	13.5	10	7.4
Live Births to Unmarried Women										
Live Births to Unmarried Women	165	30.3	24	88.9	23	35.9	85	26.6	33	24.6
Smoking During Pregnancy										
Smoking During Pregnancy	150	27.0	23	85.2	32	48.5	76	23.3	19	13.9
Smoking During Pregnancy	69	12.4	*	*	12	18.2	45	13.8	10	7.3

"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: Montrose County residents, 2007

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	335	100.0	174	100.0	*	*	4	100.0	10	100.0
Age of Mother										
10-17	6	1.8	18	10.3	0	0.0	0	0.0	*	*
18-19	39	11.6	25	14.4	0	0.0	0	0.0	0	0.0
20-29	208	62.1	89	51.1	*	*	*	*	5	50.0
30+	82	24.5	42	24.1	0	0.0	*	*	4	40.0
Low Weight Births (<2,500 Grams)	30	9.0	17	9.8	*	*	0	0.0	*	*
Very Low Weight Births (<1,500 Grams)	3	0.9	5	2.9	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	97	29.2	63	36.6	*	*	*	*	6	60.0
No Prenatal Care	*	*	*	*	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	46	13.8	17	9.8	*	*	0	0.0	*	*
Education of Mother <High School Diploma/GED	47	14.1	102	61.1	0	0.0	0	0.0	6	60.0
Live Births to Unmarried Women	89	26.6	55	31.6	*	*	*	*	*	*
Smoking During Pregnancy	57	17.0	8	4.6	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: Montrose County residents, 2007

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	556	7,528	73.9	67.9	79.8
Teen Age Groups					
13-14	*	561	*	*	*
15-17	25	883	28.3	16.8	39.8
18-19	66	545	121.1	92.8	149.4
10-17	27	2,287	11.8	7.2	16.5
10-19	93	2,832	32.8	26.1	39.6
All Age Groups					
10-14	*	1,404	*	*	*
15-19	91	1,428	63.7	50.7	76.7
20-24	165	1,268	130.1	111.2	149.0
25-29	161	1,080	149.1	127.4	170.8
30-34	89	1,179	75.5	60.0	91.0
35-39	41	1,302	31.5	21.6	41.4
40-49	7	2,769	2.5	0.5	4.6

** 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: Montrose County residents, 1997, 2003-2007

	1997	2003	2004	2005	2006	2007	2003-2007 Annual Average
Total Population	31,251	36,108	36,738	37,769	38,869	40,260	37,949
Total Births							
Number	433	458	496	521	493	556	505
Birth Rate	13.9	12.7	13.5	13.8	12.7	13.8	13.3
General Fertility Rate	72.4	67.4	72.2	74.0	68.1	73.9	71.2
Age of Mother 10-17							
Number	23	23	22	15	19	27	21
Percent of Total Births	5.3	5.0	4.4	2.9	3.9	4.9	4.2
Fertility Rate	12.1	10.9	10.3	6.9	8.6	11.8	9.7
Low Weight Births (<2,500 Grams)							
Number	30	32	46	42	32	52	41
Percent	6.9	7.0	9.3	8.1	6.5	9.4	8.1
Prenatal Care Later Than 1st Trimester/No Care							
Number	114	122	176	222	198	176	179
Percent	26.5	27.2	35.9	42.9	40.5	31.9	35.8
Births to Unmarried Women							
Number	112	140	151	133	141	150	
Percent	25.9	30.6	30.4	25.5	28.6	27.0	
Mother's Education <12 Years							
Number	111	133	138	131	120	165	
Percent	26.2	30.4	29.4	26.1	26.3	29.7	
Infant Deaths							
Number	3	3	*	*	3	6	3
Rate	6.9	6.6	*	*	6.1	10.8	6.3
Neonatal Deaths							
Number	*	3	*	0	3	4	*
Rate	*	6.6	*	0.0	6.1	7.2	*
Total Deaths							
Number	272	336	339	330	365	386	351
Crude Rate	870.4	930.5	922.8	873.7	939.1	958.8	925.5
Age-Adjusted Rate	739.3	765.5	755.2	728.0	763.5	789.7	760.7
Cardiovascular Disease							
Number	98	97	104	100	119	98	104
Age-Adjusted Rate	260.3	215.8	227.3	211.6	241.0	192.6	217.5
Heart Disease							
Number	78	68	77	77	87	75	77
Age-Adjusted Rate	207.7	150.4	166.6	163.8	175.0	148.1	160.8

(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: Montrose County residents, 1997, 2003-2007

	1997	2003	2004	2005	2006	2007	2003-2007 Annual Average
Cerebrovascular Disease							
Number	19	19	17	16	23	19	19
Age-Adjusted Rate	49.9	43.8	39.3	33.1	47.8	36.4	40.1
Malignant Neoplasms							
Number	52	77	69	69	70	92	75
Age-Adjusted Rate	138.9	176.1	155.2	152.8	147.4	189.3	164.3
Lung Cancer							
Number	12	26	19	18	28	24	23
Age-Adjusted Rate	31.6	59.8	43.7	39.2	59.3	48.5	50.1
Breast Cancer							
Number	7	8	3	*	*	*	3
Age-Adjusted Rate	20.0	18.0	6.6	*	*	*	7.3
Total Unintentional Injuries							
Number	13	21	18	18	20	26	21
Age-Adjusted Rate	41.3	55.3	46.7	47.4	47.2	56.7	50.6
Motor Vehicle							
Number	4	9	8	5	5	3	6
Age-Adjusted Rate	13.5	25.9	20.2	13.4	12.5	7.9	15.8
Other Unintentional Injuries							
Number	9	12	10	13	15	23	15
Age-Adjusted Rate	27.9	29.4	26.5	34.0	34.7	48.8	34.9
Chronic Lower Respiratory Diseases							
Number	20	23	38	22	32	33	30
Age-Adjusted Rate	52.8	51.4	84.5	47.2	66.4	65.2	63.0
Suicide							
Number	7	4	7	11	6	11	8
Age-Adjusted Rate	24.1	12.0	18.1	29.4	13.8	27.7	20.4
Homicide and Legal Intervention							
Number	0	*	0	*	*	*	*
Age-Adjusted Rate	0.0	*	0.0	*	*	*	*
Work-Related Injury							
Number	3	0	*	0	*	3	*
Age-Adjusted Rate	10.1	0.0	*	0.0	*	6.9	*

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.

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: Montrose County residents, 2007

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	386	100.0	358	100.0	27	100.0	0	0.0	0	0.0	*	*
Cardiovascular Disease	98	25.4	94	26.3	4	14.8	0	0.0	0	0.0	0	0.0
Heart Disease	75	19.4	73	20.4	*	*	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	19	4.9	17	4.7	*	*	0	0.0	0	0.0	0	0.0
Atherosclerosis	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	92	23.8	89	24.9	3	11.1	0	0.0	0	0.0	0	0.0
Lung Cancer	24	6.2	23	6.4	*	*	0	0.0	0	0.0	0	0.0
Breast Cancer	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	33	8.5	33	9.2	0	0.0	0	0.0	0	0.0	0	0.0
Unintentional Injuries	26	6.7	20	5.6	6	22.2	0	0.0	0	0.0	0	0.0
Motor Vehicle	3	0.8	3	0.8	0	0.0	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	23	6.0	17	4.7	6	22.2	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	13	3.4	13	3.6	0	0.0	0	0.0	0	0.0	0	0.0
Suicide	11	2.8	10	2.8	*	*	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	6	1.6	3	0.8	3	11.1	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	6	1.6	5	1.4	*	*	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	29	7.5	28	7.8	*	*	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	6	1.6	6	1.7	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	4	1.0	4	1.1	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies	*	*	*	*	*	*	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	3	0.8	0	0.0	3	11.1	0	0.0	0	0.0	0	0.0
All Other	56	14.5	52	14.5	3	11.1	0	0.0	0	0.0	*	*
Injury by Firearm	8	2.1	8	2.2	0	0.0	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	3	0.8	*	*	*	*	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	7	1.8	7	2.0	0	0.0	0	0.0	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	3	0.8	*	*	*	*	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: Montrose County residents, 2007

Age Group	Deaths	Population	Age-Specific Death Rate
	Age Group	Age Group	Age Group
All Ages	386	40,260	9.6
Infant	6	556	10.8
Neonatal	4	556	7.2
1-4	*	2,176	*
5-9	*	2,805	*
10-14	*	2,874	*
15-19	*	2,851	*
20-24	*	2,647	*
25-29	4	2,180	1.8
30-34	5	2,335	2.1
35-39	4	2,562	1.6
40-44	4	2,631	1.5
45-49	11	2,951	3.7
50-54	16	2,909	5.5
55-59	27	2,561	10.5
60-64	20	2,050	9.8
65-69	29	1,694	17.1
70-74	29	1,488	19.5
75-79	43	1,300	33.1
80-84	51	879	58.0
85+	130	843	154.2
1-14	5	7,855	0.6
15-24	*	5,498	*
25-64	91	20,179	4.5
65+	282	6,204	45.5

* 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: Montrose County residents, 2007

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	6	10.8	5	0.6	*	*	17	1.8	74	7.1	282	45.5
Cardiovascular Disease	0	0.0	*	*	0	0.0	*	*	16	1.5	80	12.9
Heart Disease	0	0.0	0	0.0	0	0.0	*	*	14	1.3	60	9.7
Cerebrovascular Disease	0	0.0	*	*	0	0.0	0	0.0	*	*	16	2.6
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	*	*	24	2.3	66	10.6
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	6	0.6	18	2.9
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	0.4	29	4.7
Unintentional Injuries	0	0.0	4	0.5	0	0.0	4	0.4	5	0.5	13	2.1
Motor Vehicle	0	0.0	0	0.0	0	0.0	*	*	*	*	0	0.0
Other Unintentional Injuries	0	0.0	4	0.5	0	0.0	*	*	4	0.4	13	2.1
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	2.1
Suicide	0	0.0	0	0.0	*	*	4	0.4	4	0.4	*	*
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	*	*	3	0.5
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	*	*	3	0.3	*	*
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	29	4.7
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	*	*	4	0.6
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	*	*	3	0.5
Congenital Anomalies	*	*	0	0.0	0	0.0	0	0.0	0	0.0	*	*
Perinatal Period Conditions	3	5.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	*	*	0	0.0	*	*	3	0.3	13	1.2	37	6.0
Injury by Firearm	0	0.0	0	0.0	0	0.0	3	0.3	3	0.3	*	*
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	*	*	5	0.5	*	*
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:
Montrose County residents, 2007**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	386	958.8	789.7	712.5	867.0
Cardiovascular Disease	98	243.4	192.6	154.7	230.4
Heart Disease	75	186.3	148.1	114.7	181.5
Cerebrovascular Disease	19	47.2	36.4	20.1	52.8
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	92	228.5	189.3	150.5	228.0
Lung Cancer	24	59.6	48.5	29.1	68.0
Breast Cancer	*	*	*	*	*
Chronic Lower Respiratory Diseases	33	82.0	65.2	43.0	87.3
Unintentional Injuries	26	64.6	56.7	34.5	78.9
Motor Vehicle	3	7.5	7.9	1.6	19.0
Other Unintentional Injuries	23	57.1	48.8	28.5	69.1
Pneumonia and Influenza	13	32.3	24.8	11.3	38.2
Suicide	11	27.3	27.7	13.9	46.4
Diabetes Mellitus	6	14.9	13.0	4.2	26.5
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	6	14.9	14.2	4.9	28.2
Alzheimer's Disease	29	72.0	56.0	35.7	76.2
Nephritis, Nephrosis, Nephrotic Syndrome	6	14.9	12.0	3.7	25.1
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	4	9.9	7.8	1.6	18.9
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	3	7.5	7.9	1.6	19.0
All Other	56	139.1	115.2	84.8	145.6
Injury by Firearm	8	19.9	19.8	8.4	36.0
Drug-Induced Deaths	3	7.5	8.6	1.9	20.1
Alcohol-Induced Deaths	7	17.4	16.7	6.4	31.8
Work-Related Injury (Y/N Check Death Certificate)	3	7.5	6.9	0.8	19.3

** 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 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 Transmitting. 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.