

Mesa County Births and Deaths 2009

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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: Mesa County residents, 2009

Characteristic	Number	Percent
Total Live Births	2,102	100.0
Age of Mother		
10-17	57	2.7
18-19	167	7.9
20-29	1,320	62.8
30+	558	26.5
Low Weight Births (<2,500 Grams)	155	7.4
Very Low Weight Births (<1,500 Grams)	14	0.7
Prenatal Care Later than 1st Trimester/No Care	409	19.5
No Prenatal Care	25	1.2
Preterm Births (<37 Weeks)	177	8.4
Education of Mother <High School Diploma/GED	398	19.0
Live Births to Unmarried Women	467	22.2
Smoking During Pregnancy	370	17.6

"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: Mesa 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	2,102	100.0	57	100.0	167	100.0	1,320	100.0	558	100.0
Race/Ethnicity of Mother										
White, Non-Hispanic	1,650	78.9	31	54.4	106	63.5	1,070	81.4	443	80.0
White, Hispanic	338	16.2	18	31.6	51	30.5	192	14.6	77	13.9
Black	15	0.7	*	*	*	*	9	0.7	3	0.5
Asian American/Pacific Islander	35	1.7	*	*	3	1.8	16	1.2	15	2.7
American Indian/Native Alaskan	13	0.6	*	*	*	*	9	0.7	*	*
Other	41	2.0	4	7.0	5	3.0	18	1.4	14	2.5
Unknown	10		0	0.0	0	0.0	6		4	
Low Weight Births (<2,500 Grams)	155	7.4	6	10.5	16	9.6	100	7.6	33	5.9
Very Low Weight Births (<1,500 Grams)	14	0.7	*	*	*	*	6	0.5	6	1.1
Prenatal Care Later than 1st Trimester/No Care	409	19.5	18	32.1	41	24.6	243	18.4	107	19.2
No Prenatal Care	25	1.2	0	0.0	*	*	19	1.4	5	0.9
Preterm Births (<37 Weeks)	177	8.4	4	7.0	12	7.2	114	8.6	47	8.4
Education of Mother <High School Diploma/GED	398	19.0	50	87.7	70	42.2	212	16.1	66	11.9
Live Births to Unmarried Women	467	22.2	48	84.2	88	52.7	265	20.1	66	11.8
Smoking During Pregnancy	370	17.6	13	22.8	37	22.2	249	18.9	71	12.8

"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.

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: Mesa 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	1,650	100.0	338	100.0	15	100.0	35	100.0	13	100.0
Age of Mother										
10-17	31	1.9	18	5.3	*	*	*	*	*	*
18-19	106	6.4	51	15.1	*	*	3	8.6	*	*
20-29	1,070	64.8	192	56.8	9	60.0	16	45.7	9	69.2
30+	443	26.8	77	22.8	3	20.0	15	42.9	*	*
Low Weight Births (<2,500 Grams)	125	7.6	22	6.5	3	20.0	4	11.4	0	0.0
Very Low Weight Births (<1,500 Grams)	9	0.5	3	0.9	*	*	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	283	17.2	91	26.9	5	33.3	12	34.3	7	53.8
No Prenatal Care	21	1.3	*	*	*	*	*	*	0	0.0
Preterm Births (<37 Weeks)	139	8.4	29	8.6	4	26.7	*	*	*	*
Education of Mother <High School Diploma/GED	211	12.8	149	44.3	5	33.3	5	14.3	3	23.1
Live Births to Unmarried Women	324	19.6	112	33.1	8	53.3	6	17.1	3	23.1
Smoking During Pregnancy	319	19.4	40	11.9	*	*	3	8.6	3	23.1

"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: Mesa County residents, 2009

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	2,102	29,820	70.5	67.6	73.4
Teen Age Groups					
13-14	0	1,855	0.0	0.0	0.0
15-17	57	2,876	19.8	14.6	25.1
18-19	167	2,458	67.9	57.8	78.1
10-17	57	7,397	7.7	5.6	9.8
10-19	224	9,855	22.7	19.7	25.7
All Age Groups					
10-14	0	4,521	0.0	0.0	0.0
15-19	224	5,334	42.0	36.5	47.5
20-24	687	5,650	121.6	113.0	130.2
25-29	633	5,117	123.7	114.6	132.8
30-34	367	4,695	78.2	70.4	86.0
35-39	155	4,680	33.1	27.9	38.4
40-49	36	9,537	3.8	2.5	5.1

** 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: Mesa County residents, 1999, 2005-2009

	1999	2005	2006	2007	2008	2009	2005-2009 Annual Average
Total Population	114,570	130,401	134,818	139,417	143,037	147,522	139,039
Total Births							
Number	1,426	1,819	1,880	2,100	2,008	2,102	1,982
Birth Rate	12.4	13.9	13.9	15.1	14.0	14.2	14.3
General Fertility Rate	60.9	69.5	69.1	74.3	69.2	70.5	70.5
Age of Mother 10-17							
Number	72	88	87	77	71	57	76
Percent of Total Births	5.0	4.8	4.6	3.7	3.5	2.7	3.8
Fertility Rate	10.8	12.6	12.1	10.7	9.8	7.7	10.6
Low Weight Births (<2,500 Grams)							
Number	100	141	138	173	147	155	151
Percent	7.0	7.8	7.3	8.2	7.3	7.4	7.6
Prenatal Care Later Than 1st Trimester/No Care							
Number	168	255	292	389	402	409	349
Percent	11.8	14.0	15.6	18.6	20.1	19.5	17.7
Births to Unmarried Women							
Number	332	424	435	471	452	467	
Percent	23.3	23.3	23.1	22.4	22.5	22.2	
Mother's Education <12 Years							
Number	272	373	415	472	430	398	
Percent	19.1	20.6	22.2	22.5	21.5	19.0	
Infant Deaths							
Number	22	6	9	7	8	10	8
Rate	15.4	3.3	4.8	3.3	4.0	4.8	4.0
Neonatal Deaths							
Number	14	3	7	4	5	*	4
Rate	9.8	1.6	3.7	1.9	2.5	*	2.1
Total Deaths							
Number	1,120	1,268	1,268	1,253	1,326	1,291	1,281
Crude Rate	977.6	972.4	940.5	898.7	927.0	875.1	921.5
Age-Adjusted Rate	862.2	840.0	825.4	795.6	818.0	763.3	807.5
Cardiovascular Disease							
Number	404	393	420	395	392	396	399
Age-Adjusted Rate	303.7	256.2	268.9	248.1	238.4	228.9	247.7
Heart Disease							
Number	287	277	315	283	289	285	290
Age-Adjusted Rate	215.8	180.2	201.2	177.7	175.7	164.7	179.6

(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: Mesa County residents, 1999, 2005-2009

	1999	2005	2006	2007	2008	2009	2005-2009 Annual Average
Cerebrovascular Disease							
Number	70	80	75	79	72	79	77
Age-Adjusted Rate	52.6	52.0	48.4	49.5	44.0	46.1	47.9
Malignant Neoplasms							
Number	232	288	255	293	275	293	281
Age-Adjusted Rate	176.1	188.8	164.3	184.1	168.6	172.6	175.5
Lung Cancer							
Number	54	89	77	86	79	88	84
Age-Adjusted Rate	40.5	57.7	48.9	53.9	47.9	51.4	51.8
Breast Cancer							
Number	25	22	29	15	15	14	19
Age-Adjusted Rate	19.3	14.7	18.5	9.2	9.0	8.2	11.8
Total Unintentional Injuries							
Number	54	69	67	62	61	83	68
Age-Adjusted Rate	46.9	49.9	47.6	42.9	40.8	55.2	47.2
Motor Vehicle							
Number	18	28	20	22	25	32	25
Age-Adjusted Rate	16.1	20.7	15.0	15.0	17.3	21.6	17.9
Other Unintentional Injuries							
Number	36	41	47	40	36	51	43
Age-Adjusted Rate	30.8	29.2	32.5	27.9	23.4	33.6	29.3
Chronic Lower Respiratory Diseases							
Number	76	95	105	101	96	90	97
Age-Adjusted Rate	57.0	61.4	66.7	62.5	57.7	51.8	59.8
Suicide							
Number	24	27	23	40	35	32	31
Age-Adjusted Rate	21.2	20.3	16.7	26.7	23.7	21.4	21.8
Homicide and Legal Intervention							
Number	5	*	6	3	7	4	4
Age-Adjusted Rate	4.6	*	4.7	2.5	4.5	2.9	3.2
Work-Related Injury							
Number	6	4	4	*	6	*	4
Age-Adjusted Rate	5.7	2.9	3.2	*	4.0	*	2.6

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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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: Mesa 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	1,291	100.0	1,215	100.0	60	100.0	*	*	*	*	11	100.0
Cardiovascular Disease	396	30.7	374	30.8	18	30.0	*	*	0	0.0	3	27.3
Heart Disease	285	22.1	272	22.4	11	18.3	0	0.0	0	0.0	*	*
Cerebrovascular Disease	79	6.1	72	5.9	6	10.0	*	*	0	0.0	0	0.0
Atherosclerosis	7	0.5	7	0.6	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	293	22.7	274	22.6	13	21.7	*	*	*	*	3	27.3
Lung Cancer	88	6.8	84	6.9	*	*	0	0.0	0	0.0	*	*
Breast Cancer	14	1.1	14	1.2	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	90	7.0	89	7.3	*	*	0	0.0	0	0.0	0	0.0
Unintentional Injuries	83	6.4	77	6.3	6	10.0	0	0.0	0	0.0	0	0.0
Motor Vehicle	32	2.5	31	2.6	*	*	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	51	4.0	46	3.8	5	8.3	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	26	2.0	24	2.0	*	*	0	0.0	0	0.0	0	0.0
Suicide	32	2.5	30	2.5	*	*	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	32	2.5	30	2.5	*	*	0	0.0	0	0.0	0	0.0
HIV Infection	*	*	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	19	1.5	15	1.2	3	5.0	0	0.0	0	0.0	*	*
Alzheimer's Disease	69	5.3	67	5.5	*	*	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	9	0.7	9	0.7	0	0.0	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention	4	0.3	3	0.2	*	*	0	0.0	0	0.0	0	0.0
Septicemia	10	0.8	9	0.7	0	0.0	0	0.0	0	0.0	*	*
Congenital Anomalies	3	0.2	*	*	*	*	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	223	17.3	211	17.4	8	13.3	0	0.0	0	0.0	3	27.3
Injury by Firearm	23	1.8	22	1.8	*	*	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	25	1.9	23	1.9	*	*	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	31	2.4	25	2.1	5	8.3	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

* 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: Mesa County residents, 2009

Age Group	Deaths	Population	Age-Specific Death Rate
	Age Group	Age Group	Age Group
All Ages	1,291	147,522	8.8
Infant	10	2,102	4.8
Neonatal	*	2,102	*
1-4	*	8,003	*
5-9	*	9,353	*
10-14	*	9,227	*
15-19	6	10,732	0.6
20-24	15	11,397	1.3
25-29	12	10,475	1.1
30-34	10	9,400	1.1
35-39	22	9,506	2.3
40-44	21	8,773	2.4
45-49	34	10,124	3.4
50-54	44	10,177	4.3
55-59	73	9,290	7.9
60-64	77	7,481	10.3
65-69	86	5,557	15.5
70-74	122	5,349	22.8
75-79	148	4,773	31.0
80-84	216	3,138	68.8
85+	391	2,684	145.7
1-14	3	26,583	0.1
15-24	21	22,129	0.9
25-64	293	75,226	3.9
65+	963	21,501	44.8

* 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: Mesa 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	10	4.8	3	0.1	21	0.9	65	1.7	228	6.2	963	44.8
Cardiovascular Disease	0	0.0	*	*	0	0.0	4	0.1	69	1.9	322	15.0
Heart Disease	0	0.0	*	*	0	0.0	*	*	51	1.4	231	10.7
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	11	0.3	66	3.1
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	6	0.3
Malignant Neoplasms	0	0.0	*	*	*	*	8	0.2	52	1.4	231	10.7
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	14	0.4	74	3.4
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	5	0.1	8	0.4
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	10	0.3	80	3.7
Unintentional Injuries	5	2.4	*	*	11	0.5	22	0.6	22	0.6	22	1.0
Motor Vehicle	*	*	0	0.0	7	0.3	8	0.2	11	0.3	4	0.2
Other Unintentional Injuries	3	1.4	*	*	4	0.2	14	0.4	11	0.3	18	0.8
Pneumonia and Influenza	0	0.0	0	0.0	*	*	*	*	3	0.1	21	1.0
Suicide	0	0.0	0	0.0	6	0.3	10	0.3	11	0.3	5	0.2
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	5	0.1	27	1.3
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	3	0.1	12	0.3	4	0.2
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	68	3.2
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	0.4
Homicide and Legal Intervention	0	0.0	0	0.0	0	0.0	3	0.1	*	*	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	3	0.1	7	0.3
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	0	0.0
All Other	*	*	0	0.0	*	*	13	0.3	38	1.0	167	7.8
Injury by Firearm	0	0.0	0	0.0	5	0.2	8	0.2	5	0.1	5	0.2
Drug-Induced Deaths	0	0.0	0	0.0	4	0.2	12	0.3	8	0.2	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	5	0.1	20	0.5	6	0.3
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:
Mesa County residents, 2009**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	1,291	875.1	763.9	723.2	804.6
Cardiovascular Disease	396	268.4	228.9	206.6	251.2
Heart Disease	285	193.2	164.7	145.7	183.6
Cerebrovascular Disease	79	53.6	46.1	36.0	56.3
Atherosclerosis	7	4.7	4.0	1.4	7.9
Malignant Neoplasms	293	198.6	172.6	152.8	192.3
Lung Cancer	88	59.7	51.4	40.6	62.1
Breast Cancer	14	9.5	8.2	3.8	12.5
Chronic Lower Respiratory Diseases	90	61.0	51.8	41.1	62.4
Unintentional Injuries	83	56.3	55.2	43.2	67.3
Motor Vehicle	32	21.7	21.6	14.0	29.2
Other Unintentional Injuries	49	33.2	32.1	23.0	41.2
Pneumonia and Influenza	26	17.6	15.0	9.2	20.8
Suicide	32	21.7	21.4	13.9	29.0
Diabetes Mellitus	32	21.7	18.7	12.2	25.2
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	19	12.9	12.1	6.5	17.6
Alzheimer's Disease	69	46.8	39.6	30.3	48.9
Nephritis, Nephrosis, Nephrotic Syndrome	9	6.1	5.3	2.2	9.6
Homicide and Legal Intervention	4	2.7	2.9	0.8	6.3
Septicemia	10	6.8	5.7	2.5	10.2
Congenital Anomalies	3	2.0	2.0	0.4	4.9
Perinatal Period Conditions	*	*	*	*	*
All Other	223	151.2	131.6	114.3	148.9
Injury by Firearm	23	15.6	15.8	9.2	22.3
Drug-Induced Deaths	25	16.9	17.5	10.5	24.4
Alcohol-Induced Deaths	31	21.0	19.4	12.4	26.4
Work-Related Injury (Y/N Check Death Certificate)	*	*	*	*	*

** 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.