

Pueblo 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: Pueblo County residents, 2009

Characteristic	Number	Percent
Total Live Births	2,056	100.0
Age of Mother		
10-17	130	6.3
18-19	221	10.8
20-29	1,205	58.6
30+	499	24.3
Low Weight Births (<2,500 Grams)	190	9.2
Very Low Weight Births (<1,500 Grams)	23	1.1
Prenatal Care Later than 1st Trimester/No Care	574	28.0
No Prenatal Care	23	1.1
Preterm Births (<37 Weeks)	164	8.0
Education of Mother <High School Diploma/GED	512	25.2
Live Births to Unmarried Women	946	46.0
Smoking During Pregnancy	364	17.7

"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: Pueblo 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	2,056	100.0	130	100.0	221	100.0	1,205	100.0	499	100.0
Race/Ethnicity of Mother										
White, Non-Hispanic	858	42.1	19	14.6	67	30.6	517	43.2	255	51.7
White, Hispanic	891	43.7	82	63.1	113	51.6	519	43.4	177	35.9
Black	34	1.7	7	5.4	6	2.7	14	1.2	7	1.4
Asian American/Pacific Islander	25	1.2	*	*	*	*	12	1.0	10	2.0
American Indian/Native Alaskan	39	1.9	7	5.4	4	1.8	20	1.7	8	1.6
Other	191	9.4	13	10.0	28	12.8	114	9.5	36	7.3
Unknown	18		0	0.0	*	*	9		6	
Low Weight Births (<2,500 Grams)	190	9.2	18	13.8	16	7.2	106	8.8	50	10.0
Very Low Weight Births (<1,500 Grams)	23	1.1	*	*	*	*	12	1.0	8	1.6
Prenatal Care Later than 1st Trimester/No Care	574	28.0	49	38.0	81	36.7	326	27.1	117	23.5
No Prenatal Care	23	1.1	*	*	4	1.8	11	0.9	7	1.4
Preterm Births (<37 Weeks)	164	8.0	13	10.0	12	5.4	91	7.6	48	9.6
Education of Mother <High School Diploma/GED	512	25.2	119	93.7	109	49.5	222	18.7	62	12.5
Live Births to Unmarried Women	946	46.0	123	94.6	173	78.3	542	45.0	108	21.6
Smoking During Pregnancy	364	17.7	11	8.5	46	20.9	236	19.6	71	14.3

"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.

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: Pueblo 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	858	100.0	891	100.0	34	100.0	25	100.0	39	100.0
Age of Mother										
10-17	19	2.2	82	9.2	7	20.6	*	*	7	17.9
18-19	67	7.8	113	12.7	6	17.6	*	*	4	10.3
20-29	517	60.3	519	58.2	14	41.2	12	48.0	20	51.3
30+	255	29.7	177	19.9	7	20.6	10	40.0	8	20.5
Low Weight Births (<2,500 Grams)	79	9.2	81	9.1	4	11.8	*	*	4	10.3
Very Low Weight Births (<1,500 Grams)	8	0.9	11	1.2	0	0.0	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	216	25.2	252	28.4	11	32.4	13	52.0	12	30.8
No Prenatal Care	11	1.3	11	1.2	0	0.0	*	*	0	0.0
Preterm Births (<37 Weeks)	77	9.0	66	7.4	*	*	*	*	3	7.7
Education of Mother <High School Diploma/GED	121	14.2	304	34.4	9	27.3	3	13.0	19	50.0
Live Births to Unmarried Women	259	30.2	506	56.8	28	82.4	5	20.0	26	66.7
Smoking During Pregnancy	183	21.3	122	13.7	7	21.2	*	*	9	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: Pueblo County residents, 2009

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	2,056	31,992	64.3	61.6	67.0
Teen Age Groups					
13-14	3	2,036	1.5	0.3	3.6
15-17	127	3,243	39.2	32.3	46.0
18-19	221	2,576	85.8	74.8	96.8
10-17	130	8,249	15.8	13.0	18.5
10-19	351	10,825	32.4	29.0	35.8
All Age Groups					
10-14	3	5,006	0.6	0.1	1.5
15-19	348	5,819	59.8	53.6	66.0
20-24	617	6,344	97.3	89.9	104.6
25-29	588	5,389	109.1	100.7	117.5
30-34	330	4,823	68.4	61.2	75.7
35-39	146	4,828	30.2	25.3	35.2
40-49	23	10,138	2.3	1.3	3.2

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

	1999	2005	2006	2007	2008	2009	2005-2009 Annual Average
Total Population	139,718	150,529	152,743	155,560	157,171	158,368	154,874
Total Births							
Number	1,936	1,936	2,132	2,154	2,121	2,056	2,080
Birth Rate	13.9	12.9	14.0	13.8	13.5	13.0	13.4
General Fertility Rate	67.2	63.7	69.0	68.3	66.7	64.3	66.4
Age of Mother 10-17							
Number	145	104	122	117	124	130	119
Percent of Total Births	7.5	5.4	5.7	5.4	5.8	6.3	5.7
Fertility Rate	18.1	12.6	14.8	14.1	14.9	15.8	14.4
Low Weight Births (<2,500 Grams)							
Number	158	174	205	226	172	190	193
Percent	8.2	9.0	9.6	10.5	8.1	9.2	9.3
Prenatal Care Later Than 1st Trimester/No Care							
Number	355	437	511	644	622	574	558
Percent	18.4	22.6	24.0	30.1	29.4	28.0	26.9
Births to Unmarried Women							
Number	866	937	1,059	911	953	946	
Percent	44.7	48.4	49.7	42.3	44.9	46.0	
Mother's Education <12 Years							
Number	483	595	634	524	519	512	
Percent	25.4	30.8	29.9	24.4	24.6	25.2	
Infant Deaths							
Number	16	10	13	15	14	11	13
Rate	8.3	5.2	6.1	7.0	6.6	5.4	6.1
Neonatal Deaths							
Number	10	8	11	7	8	7	8
Rate	5.2	4.1	5.2	3.2	3.8	3.4	3.9
Total Deaths							
Number	1,398	1,468	1,463	1,560	1,613	1,566	1,534
Crude Rate	1000.6	975.2	957.8	1002.8	1026.3	988.8	990.5
Age-Adjusted Rate	883.3	857.8	849.8	894.7	909.2	857.1	874.0
Cardiovascular Disease							
Number	466	433	405	398	409	428	415
Age-Adjusted Rate	289.2	250.7	231.9	225.7	229.1	230.0	233.5
Heart Disease							
Number	332	303	277	275	279	280	283
Age-Adjusted Rate	206.9	175.6	159.2	156.9	157.2	150.6	159.8

(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: Pueblo County residents, 1999, 2005-2009

	1999	2005	2006	2007	2008	2009	2005-2009 Annual Average
Cerebrovascular Disease							
Number	83	94	96	88	82	109	94
Age-Adjusted Rate	51.4	54.4	54.7	49.3	45.3	58.6	52.5
Malignant Neoplasms							
Number	250	292	310	327	334	329	318
Age-Adjusted Rate	157.6	169.7	177.6	185.7	185.1	177.2	179.2
Lung Cancer							
Number	66	67	81	71	86	85	78
Age-Adjusted Rate	41.2	38.7	45.9	39.9	46.7	45.1	43.3
Breast Cancer							
Number	21	23	18	17	27	30	23
Age-Adjusted Rate	13.4	13.3	11.0	9.7	14.9	16.8	13.2
Total Unintentional Injuries							
Number	70	71	59	63	93	73	72
Age-Adjusted Rate	48.0	44.0	36.4	38.6	55.2	44.2	43.8
Motor Vehicle							
Number	31	19	15	22	23	26	21
Age-Adjusted Rate	22.3	12.6	9.4	14.5	14.1	16.4	13.4
Other Unintentional Injuries							
Number	39	52	44	41	70	47	51
Age-Adjusted Rate	25.7	31.4	27.0	24.1	41.1	27.8	30.3
Chronic Lower Respiratory Diseases							
Number	109	116	115	135	101	114	116
Age-Adjusted Rate	67.2	65.9	65.1	74.9	56.3	61.1	64.5
Suicide							
Number	22	26	22	34	21	36	28
Age-Adjusted Rate	15.8	16.7	14.6	23.0	12.7	22.3	17.8
Homicide and Legal Intervention							
Number	5	10	8	10	12	9	10
Age-Adjusted Rate	3.8	7.0	5.8	6.5	8.3	5.6	6.6
Work-Related Injury							
Number	*	4	6	*	4	3	4
Age-Adjusted Rate	*	3.0	3.9	*	2.8	1.6	2.5

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.

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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: Pueblo 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	1,566	100.0	1,046	100.0	487	100.0	20	100.0	*	*	8	100.0
Cardiovascular Disease	428	27.3	282	27.0	131	26.9	11	55.0	*	*	*	*
Heart Disease	280	17.9	191	18.3	82	16.8	5	25.0	0	0.0	*	*
Cerebrovascular Disease	109	7.0	68	6.5	37	7.6	3	15.0	0	0.0	*	*
Atherosclerosis	*	*	*	*	*	*	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	329	21.0	229	21.9	99	20.3	0	0.0	0	0.0	*	*
Lung Cancer	85	5.4	60	5.7	25	5.1	0	0.0	0	0.0	0	0.0
Breast Cancer	30	1.9	23	2.2	7	1.4	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	114	7.3	100	9.6	14	2.9	0	0.0	0	0.0	0	0.0
Unintentional Injuries	73	4.7	43	4.1	28	5.7	0	0.0	0	0.0	*	*
Motor Vehicle	26	1.7	15	1.4	10	2.1	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	47	3.0	28	2.7	18	3.7	0	0.0	0	0.0	*	*
Pneumonia and Influenza	38	2.4	26	2.5	12	2.5	0	0.0	0	0.0	0	0.0
Suicide	36	2.3	25	2.4	10	2.1	*	*	0	0.0	0	0.0
Diabetes Mellitus	64	4.1	34	3.3	28	5.7	*	*	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	37	2.4	6	0.6	28	5.7	0	0.0	0	0.0	3	37.5
Alzheimer's Disease	50	3.2	38	3.6	12	2.5	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	22	1.4	16	1.5	6	1.2	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention	9	0.6	4	0.4	5	1.0	0	0.0	0	0.0	0	0.0
Septicemia	25	1.6	18	1.7	7	1.4	0	0.0	0	0.0	0	0.0
Congenital Anomalies	4	0.3	3	0.3	0	0.0	*	*	0	0.0	0	0.0
Perinatal Period Conditions	5	0.3	0	0.0	5	1.0	0	0.0	0	0.0	0	0.0
All Other	331	21.1	221	21.1	102	20.9	5	25.0	0	0.0	*	*
Injury by Firearm	26	1.7	19	1.8	7	1.4	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	19	1.2	11	1.1	7	1.4	0	0.0	0	0.0	*	*
Alcohol-Induced Deaths	16	1.0	4	0.4	11	2.3	0	0.0	0	0.0	*	*
Work-Related Injury (Y/N Check Death Certificate)	3	0.2	*	*	*	*	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: Pueblo County residents, 2009

Age Group	Deaths	Population	Age-Specific Death Rate
	Age Group	Age Group	Age Group
All Ages	1,566	158,368	9.9
Infant	11	2,056	5.4
Neonatal	7	2,056	3.4
1-4	0	8,305	0.0
5-9	*	10,465	*
10-14	6	10,226	0.6
15-19	14	11,867	1.2
20-24	11	12,839	0.9
25-29	8	11,264	0.7
30-34	21	9,529	2.2
35-39	18	9,647	1.9
40-44	26	9,635	2.7
45-49	39	10,587	3.7
50-54	75	10,552	7.1
55-59	91	9,750	9.3
60-64	125	8,108	15.4
65-69	108	6,078	17.8
70-74	147	6,038	24.3
75-79	191	5,025	38.0
80-84	218	3,381	64.5
85+	456	2,952	154.5
1-14	7	28,996	0.2
15-24	25	24,706	1.0
25-64	403	79,072	5.1
65+	1,120	23,474	47.7

* 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: Pueblo 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	11	5.4	7	0.2	25	1.0	73	1.8	330	8.5	1,120	47.7
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	11	0.3	86	2.2	331	14.1
Heart Disease	0	0.0	0	0.0	0	0.0	8	0.2	56	1.4	216	9.2
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	3	0.1	19	0.5	87	3.7
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	*	*
Malignant Neoplasms	0	0.0	*	*	0	0.0	4	0.1	90	2.3	234	10.0
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	19	0.5	66	2.8
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	7	0.2	21	0.9
Chronic Lower Respiratory Diseases	0	0.0	*	*	0	0.0	0	0.0	15	0.4	98	4.2
Unintentional Injuries	*	*	*	*	8	0.3	20	0.5	16	0.4	26	1.1
Motor Vehicle	0	0.0	*	*	3	0.1	9	0.2	6	0.2	7	0.3
Other Unintentional Injuries	*	*	*	*	5	0.2	11	0.3	10	0.3	19	0.8
Pneumonia and Influenza	0	0.0	0	0.0	*	*	3	0.1	*	*	32	1.4
Suicide	0	0.0	*	*	6	0.2	9	0.2	13	0.3	7	0.3
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	15	0.4	48	2.0
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	4	0.1	23	0.6	10	0.4
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	50	2.1
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	*	*	*	*	18	0.8
Homicide and Legal Intervention	*	*	*	*	4	0.2	*	*	*	*	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	5	0.1	20	0.9
Congenital Anomalies	*	*	0	0.0	*	*	0	0.0	0	0.0	*	*
Perinatal Period Conditions	5	2.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	3	1.5	0	0.0	4	0.2	18	0.4	62	1.6	244	10.4
Injury by Firearm	0	0.0	*	*	8	0.3	3	0.1	8	0.2	6	0.3
Drug-Induced Deaths	0	0.0	*	*	*	*	9	0.2	7	0.2	0	0.0
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	4	0.1	8	0.2	4	0.2
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:
Pueblo County residents, 2009**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	1,566	988.8	857.1	815.6	898.6
Cardiovascular Disease	428	270.3	230.0	208.3	251.6
Heart Disease	280	176.8	150.6	133.0	168.2
Cerebrovascular Disease	109	68.8	58.6	47.6	69.7
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	329	207.7	177.2	158.0	196.3
Lung Cancer	85	53.7	45.1	35.5	54.7
Breast Cancer	30	18.9	16.8	10.7	22.9
Chronic Lower Respiratory Diseases	114	72.0	61.1	49.9	72.4
Unintentional Injuries	73	46.1	44.2	33.9	54.5
Motor Vehicle	26	16.4	16.4	10.0	22.8
Other Unintentional Injuries	47	29.7	27.8	19.8	35.9
Pneumonia and Influenza	38	24.0	21.1	14.3	27.9
Suicide	36	22.7	22.3	14.9	29.7
Diabetes Mellitus	64	40.4	34.4	26.0	42.9
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	37	23.4	21.3	14.3	28.2
Alzheimer's Disease	50	31.6	26.4	19.1	33.7
Nephritis, Nephrosis, Nephrotic Syndrome	22	13.9	12.0	7.0	17.0
Homicide and Legal Intervention	9	5.7	5.6	2.5	9.9
Septicemia	25	15.8	13.3	8.1	18.5
Congenital Anomalies	4	2.5	2.3	0.5	5.3
Perinatal Period Conditions	5	3.2	3.3	1.1	6.7
All Other	331	209.0	182.3	162.7	202.0
Injury by Firearm	26	16.4	15.4	9.4	21.4
Drug-Induced Deaths	19	12.0	12.8	7.0	18.6
Alcohol-Induced Deaths	16	10.1	9.7	4.9	14.5
Work-Related Injury (Y/N Check Death Certificate)	3	1.9	1.6	0.1	4.7

** 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.