

Pueblo County Births and Deaths 2008

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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, 2008

Characteristic	Number	Percent
Total Live Births	2,121	100.0
Age of Mother		
10-17	124	5.8
18-19	212	10.0
20-29	1,257	59.3
30+	528	24.9
Low Weight Births (<2,500 Grams)	172	8.1
Very Low Weight Births (<1,500 Grams)	28	1.3
Prenatal Care Later than 1st Trimester/No Care	622	29.4
No Prenatal Care	21	1.0
Preterm Births (<37 Weeks)	160	7.5
Education of Mother <High School Diploma/GED	519	24.6
Live Births to Unmarried Women	953	45.0
Smoking During Pregnancy	328	15.5

"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, 2008

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	2,121	100.0	124	100.0	212	100.0	1,257	100.0	528	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	954	45.1	26	21.3	68	32.1	570	45.4	290	55.1
White Hispanic	1,061	50.2	89	73.0	133	62.7	620	49.4	219	41.6
Black	32	1.5	*	*	7	3.3	21	1.7	3	0.6
Other	68	3.2	6	4.9	4	1.9	44	3.5	14	2.7
Low Weight Births (<2,500 Grams)	172	8.1	7	5.6	18	8.5	110	8.8	37	7.0
Very Low Weight Births (<1,500 Grams)	28	1.3	*	*	4	1.9	16	1.3	7	1.3
Prenatal Care Later than 1st Trimester/No Care	622	29.4	57	46.0	81	38.4	369	29.4	115	21.8
No Prenatal Care	21	1.0	*	*	*	*	13	1.0	6	1.1
Preterm Births (<37 Weeks)	160	7.5	8	6.5	15	7.1	100	8.0	37	7.0
Education of Mother <High School Diploma/GED	519	24.6	110	89.4	92	43.6	260	20.8	57	10.9
Live Births to Unmarried Women	953	44.9	113	91.1	170	80.2	560	44.6	110	20.8
Smoking During Pregnancy	328	15.5	22	17.7	36	17.0	203	16.2	67	12.7

"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 race/ethnicity of mother: Pueblo County residents, 2008

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	954	100.0	1,061	100.0	32	100.0	18	100.0	34	100.0
Age of Mother										
10-17	26	2.7	89	8.4	*	*	*	*	4	11.8
18-19	68	7.1	133	12.5	7	21.9	*	*	3	8.8
20-29	570	59.7	620	58.4	21	65.6	8	44.4	23	67.6
30+	290	30.4	219	20.6	3	9.4	8	44.4	4	11.8
Low Weight Births (<2,500 Grams)	80	8.4	80	7.5	5	15.6	*	*	3	8.8
Very Low Weight Births (<1,500 Grams)	13	1.4	13	1.2	*	*	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	234	24.6	354	33.4	6	18.8	6	33.3	15	44.1
No Prenatal Care	7	0.7	12	1.1	0	0.0	0	0.0	*	*
Preterm Births (<37 Weeks)	73	7.7	79	7.4	6	18.8	*	*	0	0.0
Education of Mother <High School Diploma/GED	122	12.8	369	34.9	10	31.3	*	*	10	29.4
Live Births to Unmarried Women	293	30.7	604	56.9	22	68.8	7	38.9	18	52.9
Smoking During Pregnancy	171	17.9	134	12.7	12	37.5	*	*	7	20.6

"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 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, 2008

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	2,121	31,884	66.5	63.8	69.3
Teen Age Groups		*			
13-14	5	2,116	2.4	0.1	4.7
15-17	118	3,200	36.9	30.2	43.6
18-19	212	2,525	84.0	72.9	95.0
10-17	124	8,320	14.9	12.2	17.6
10-19	336	10,845	31.0	27.7	34.3
All Age Groups		*			
10-14	6	5,120	1.2	0.1	2.2
15-19	330	5,725	57.6	51.5	63.8
20-24	653	6,450	101.2	93.8	108.7
25-29	604	5,113	118.1	109.2	127.1
30-34	345	4,778	72.2	64.8	79.6
35-39	148	4,881	30.3	25.4	35.2
40-49	35	10,389	3.4	2.2	4.5

** 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, 1998, 2004-2008

	1998	2004	2005	2006	2007	2008	2004-2008 Annual Average
Total Population	137,381	149,561	150,916	153,086	155,722	157,388	153,335
Total Births							
Number	1,907	1,966	1,936	2,132	2,154	2,121	2,062
Birth Rate	13.9	13.1	12.8	13.9	13.8	13.5	13.4
General Fertility Rate	67.0	64.8	63.5	68.9	68.3	66.5	66.4
Age of Mother 10-17							
Number	154	141	104	122	117	124	122
Percent of Total Births	8.1	7.2	5.4	5.7	5.4	5.8	5.9
Fertility Rate	19.6	17.0	12.5	14.8	14.1	14.9	14.7
Low Weight Births (<2,500 Grams)							
Number	163	179	174	205	226	172	191
Percent	8.5	9.1	9.0	9.6	10.5	8.1	9.3
Prenatal Care Later Than 1st Trimester/No Care							
Number	407	386	437	511	644	622	520
Percent	21.4	19.7	22.6	24.0	30.1	29.4	25.3
Births to Unmarried Women							
Number	806	947	937	1,059	911	953	
Percent	42.3	48.2	48.4	49.7	42.3	44.9	
Mother's Education <12 Years							
Number	494	618	595	634	524	519	
Percent	26.0	31.5	30.8	29.9	24.3	24.5	
Infant Deaths							
Number	8	13	10	13	15	14	13
Rate	4.2	6.6	5.2	6.1	7.0	6.6	6.3
Neonatal Deaths							
Number	6	6	8	11	7	8	8
Rate	3.1	3.1	4.1	5.2	3.2	3.8	3.9
Total Deaths							
Number	1,347	1,454	1,468	1,463	1,560	1,613	1,512
Crude Rate	980.5	972.2	972.7	955.7	1001.8	1024.9	985.8
Age-Adjusted Rate	870.0	864.5	856.2	848.5	893.6	914.2	875.7
Cardiovascular Disease							
Number	450	414	433	405	398	409	412
Age-Adjusted Rate	286.0	242.3	250.2	231.6	225.4	230.6	235.9
Heart Disease							
Number	351	276	303	277	275	279	282
Age-Adjusted Rate	223.4	162.4	175.3	158.9	156.7	158.2	162.2

(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, 1998, 2004-2008

	1998	2004	2005	2006	2007	2008	2004-2008 Annual Average
Cerebrovascular Disease							
Number	79	100	94	96	88	82	92
Age-Adjusted Rate	50.0	57.9	54.3	54.6	49.2	45.7	52.3
Malignant Neoplasms							
Number	253	289	292	310	327	334	310
Age-Adjusted Rate	161.2	169.0	169.4	177.3	185.5	186.1	177.6
Lung Cancer							
Number	73	75	67	81	71	86	76
Age-Adjusted Rate	45.6	43.3	38.7	45.8	39.8	47.0	43.0
Breast Cancer							
Number	21	15	23	18	17	27	20
Age-Adjusted Rate	14.0	8.8	13.2	11.0	9.7	15.0	11.6
Total Unintentional Injuries							
Number	60	79	71	59	63	93	73
Age-Adjusted Rate	41.0	51.3	43.9	36.3	38.5	55.3	45.1
Motor Vehicle							
Number	22	33	19	15	22	23	22
Age-Adjusted Rate	15.4	22.0	12.6	9.3	14.5	14.1	14.5
Other Unintentional Injuries							
Number	38	46	52	44	41	70	51
Age-Adjusted Rate	25.6	29.3	31.3	27.0	24.1	41.3	30.6
Chronic Lower Respiratory Diseases							
Number	79	129	116	115	135	101	119
Age-Adjusted Rate	49.6	74.4	65.7	65.0	74.8	56.7	67.2
Suicide							
Number	30	32	26	22	34	21	27
Age-Adjusted Rate	22.0	22.0	16.7	14.6	23.0	12.7	17.7
Homicide and Legal Intervention							
Number	15	9	10	8	10	12	10
Age-Adjusted Rate	11.2	5.8	7.0	5.8	6.4	8.3	6.6
Work-Related Injury							
Number	3	3	4	6	*	4	4
Age-Adjusted Rate	2.3	1.9	3.0	3.9	*	2.8	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.

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: Pueblo County residents, 2008

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	1,613	100.0	1,138	100.0	439	100.0	25	100.0	5	100.0	6	100.0
Cardiovascular Disease	409	25.4	305	26.8	91	20.7	8	32.0	*	*	3	50.0
Heart Disease	279	17.3	208	18.3	62	14.1	5	20.0	*	*	*	*
Cerebrovascular Disease	82	5.1	62	5.4	18	4.1	*	*	0	0.0	0	0.0
Atherosclerosis	3	0.2	*	*	*	*	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	334	20.7	244	21.4	83	18.9	6	24.0	*	*	0	0.0
Lung Cancer	86	5.3	68	6.0	17	3.9	*	*	0	0.0	0	0.0
Breast Cancer	27	1.7	17	1.5	9	2.1	*	*	0	0.0	0	0.0
Chronic Lower Respiratory Disease	101	6.3	84	7.4	16	3.6	0	0.0	0	0.0	*	*
Unintentional Injuries	93	5.8	61	5.4	29	6.6	3	12.0	0	0.0	0	0.0
Motor Vehicle	23	1.4	10	0.9	12	2.7	*	*	0	0.0	0	0.0
Other Unintentional Injuries	70	4.3	51	4.5	17	3.9	*	*	0	0.0	0	0.0
Pneumonia and Influenza	38	2.4	27	2.4	11	2.5	0	0.0	0	0.0	0	0.0
Suicide	21	1.3	17	1.5	4	0.9	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	56	3.5	26	2.3	29	6.6	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	32	2.0	14	1.2	17	3.9	0	0.0	*	*	0	0.0
Alzheimer's Disease	49	3.0	38	3.3	11	2.5	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	28	1.7	15	1.3	12	2.7	*	*	0	0.0	0	0.0
Homicide and Legal Intervention	12	0.7	4	0.4	8	1.8	0	0.0	0	0.0	0	0.0
Septicemia	35	2.2	23	2.0	10	2.3	*	*	0	0.0	0	0.0
Congenital Anomalies	3	0.2	*	*	*	*	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	7	0.4	*	*	6	1.4	0	0.0	0	0.0	0	0.0
All Other	395	24.5	277	24.3	111	25.3	5	20.0	*	*	*	*
Injury by Firearm	22	1.4	15	1.3	7	1.6	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	24	1.5	15	1.3	7	1.6	*	*	0	0.0	0	0.0
Alcohol-Induced Deaths	19	1.2	8	0.7	11	2.5	0	0.0	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	4	0.2	3	0.3	*	*	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, 2008

Age Group	Deaths	Population	Age-Specific Death Rate
	Age Group	Age Group	Age Group
All Ages	1,613	157,388	10.2
Infant	14	2,121	6.6
Neonatal	8	2,121	3.8
1-4	0	8,237	0.0
5-9	3	10,532	0.3
10-14	3	10,378	0.3
15-19	7	11,767	0.6
20-24	14	13,083	1.1
25-29	14	10,638	1.3
30-34	24	9,462	2.5
35-39	16	9,788	1.6
40-44	38	9,850	3.9
45-49	47	10,758	4.4
50-54	83	10,598	7.8
55-59	95	9,560	9.9
60-64	96	7,633	12.6
65-69	118	6,101	19.3
70-74	135	5,981	22.6
75-79	185	4,878	37.9
80-84	249	3,225	77.2
85+	472	2,801	168.5
1-14	6	29,147	0.2
15-24	21	24,850	0.8
25-64	413	78,287	5.3
65+	1,159	22,986	50.4

** 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, 2008

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	14	6.6	6	0.2	21	0.8	92	2.3	321	8.3	1,159	50.4
Cardiovascular Disease	0	0.0	*	*	0	0.0	15	0.4	68	1.8	325	14.1
Heart Disease	0	0.0	*	*	0	0.0	14	0.4	45	1.2	219	9.5
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	12	0.3	69	3.0
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.1
Malignant Neoplasms	0	0.0	*	*	*	*	10	0.3	88	2.3	234	10.2
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	26	0.7	60	2.6
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	16	0.4	10	0.4
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	*	*	13	0.3	86	3.7
Unintentional Injuries	*	*	*	*	8	0.3	17	0.4	20	0.5	45	2.0
Motor Vehicle	*	*	0	0.0	4	0.2	7	0.2	6	0.2	5	0.2
Other Unintentional Injuries	*	*	*	*	4	0.2	10	0.3	14	0.4	40	1.7
Pneumonia and Influenza	0	0.0	*	*	*	*	*	*	5	0.1	29	1.3
Suicide	0	0.0	0	0.0	5	0.2	3	0.1	9	0.2	4	0.2
Diabetes Mellitus	0	0.0	*	*	0	0.0	3	0.1	11	0.3	41	1.8
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	0.1	14	0.4	14	0.6
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	49	2.1
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	*	*	8	0.2	19	0.8
Homicide and Legal Intervention	0	0.0	0	0.0	*	*	7	0.2	*	*	*	*
Septicemia	0	0.0	0	0.0	0	0.0	4	0.1	8	0.2	23	1.0
Congenital Anomalies	*	*	0	0.0	0	0.0	*	*	*	*	0	0.0
Perinatal Period Conditions	7	3.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	4	1.9	*	*	4	0.2	23	0.6	74	1.9	289	12.6
Injury by Firearm	0	0.0	0	0.0	4	0.2	7	0.2	7	0.2	4	0.2
Drug-Induced Deaths	0	0.0	0	0.0	3	0.1	8	0.2	10	0.3	3	0.1
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	4	0.1	12	0.3	3	0.1
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, 2008**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	1,613	1,024.9	914.2	870.8	957.5
Cardiovascular Disease	409	259.9	230.6	208.4	252.8
Heart Disease	279	177.3	158.2	139.6	176.7
Cerebrovascular Disease	82	52.1	45.7	35.8	55.5
Atherosclerosis	3	1.9	1.7	0.3	4.3
Malignant Neoplasms	334	212.2	186.1	166.2	206.1
Lung Cancer	86	54.6	47.0	37.0	56.9
Breast Cancer	27	17.2	15.0	9.3	20.6
Chronic Lower Respiratory Diseases	101	64.2	56.7	45.6	67.8
Unintentional Injuries	93	59.1	55.3	44.0	66.7
Motor Vehicle	23	14.6	14.1	8.3	19.9
Other Unintentional Injuries	69	43.8	40.8	31.1	50.5
Pneumonia and Influenza	38	24.1	21.3	14.5	28.1
Suicide	21	13.3	12.7	7.2	18.2
Diabetes Mellitus	56	35.6	31.4	23.2	39.7
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	32	20.3	19.0	12.3	25.7
Alzheimer's Disease	49	31.1	27.1	19.6	34.7
Nephritis, Nephrosis, Nephrotic Syndrome	28	17.8	15.5	9.7	21.2
Homicide and Legal Intervention	12	7.6	8.3	3.5	13.0
Septicemia	35	22.2	20.0	13.3	26.7
Congenital Anomalies	3	1.9	1.8	0.3	4.6
Perinatal Period Conditions	7	4.4	4.6	1.8	8.5
All Other	395	251.0	223.8	201.9	245.7
Injury by Firearm	22	14.0	14.1	8.1	20.1
Drug-Induced Deaths	24	15.2	15.1	9.0	21.2
Alcohol-Induced Deaths	19	12.1	12.0	6.5	17.5
Work-Related Injury (Y/N Check Death Certificate)	4	2.5	2.8	0.6	6.4

** 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.