

AfUdU cY County Births and Deaths 20%

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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**](mailto:health.statistics@state.co.us).

Selected birth characteristics: Arapahoe County residents, 2010

Characteristic	Number	Percent
Total Live Births	7,855	100.0
Age of Mother		
10-17	178	2.3
18-19	368	4.7
20-29	3,884	49.5
30+	3,424	43.6
Low Weight Births (<2,500 Grams)	722	9.2
Very Low Weight Births (<1,500 Grams)	130	1.7
Prenatal Care Later than 1st Trimester/No Care	2,077	27.0
No Prenatal Care	144	1.9
Preterm Births (<37 Weeks)	769	9.8
Education of Mother <High School Diploma/GED	1,397	18.0
Live Births to Unmarried Women	1,920	24.5
Smoking During Pregnancy	360	4.6

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected starting 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: Arapahoe County residents, 2010

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	7,855	100.0	178	100.0	368	100.0	3,884	100.0	3,424	100.0
Race/Ethnicity of Mother										
White, Non-Hispanic	4,183	53.7	39	22.2	117	32.0	1,983	51.6	2,044	60.0
White, Hispanic	1,891	24.3	93	52.8	153	41.8	995	25.9	650	19.1
Black	1,045	13.4	39	22.2	65	17.8	556	14.5	385	11.3
Asian American/Pacific Islander	492	6.3	*	*	15	4.1	203	5.3	272	8.0
American Indian/Native Alaskan	63	0.8	*	*	5	1.4	45	1.2	12	0.4
Other	120	1.5	*	*	11	3.0	64	1.7	43	1.3
Unknown	61		*	*	*	*	38		18	
Low Weight Births (<2,500 Grams)	722	9.2	21	11.8	40	10.9	316	8.1	345	10.1
Very Low Weight Births (<1,500 Grams)	130	1.7	5	2.8	4	1.1	51	1.3	70	2.0
Prenatal Care Later than 1st Trimester/No Care	2,077	27.0	101	58.7	167	46.5	1,125	29.6	683	20.3
No Prenatal Care	144	1.9	8	4.7	15	4.2	74	1.9	46	1.4
Preterm Births (<37 Weeks)	769	9.8	23	12.9	34	9.2	352	9.1	360	10.5
Education of Mother <High School Diploma/GED	1,397	18.0	155	87.6	155	42.5	683	17.7	404	11.9
Live Births to Unmarried Women	1,920	24.4	157	88.2	239	64.9	1,098	28.3	426	12.4
Smoking During Pregnancy	360	4.6	11	6.2	22	6.0	219	5.6	107	3.1

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected starting 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: Arapahoe County residents, 2010

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	4,183	100.0	1,891	100.0	1,045	100.0	492	100.0	63	100.0
Age of Mother										
10-17	39	0.9	93	4.9	39	3.7	*	*	*	*
18-19	117	2.8	153	8.1	65	6.2	15	3.0	5	7.9
20-29	1,983	47.4	995	52.6	556	53.2	203	41.3	45	71.4
30+	2,044	48.9	650	34.4	385	36.8	272	55.3	12	19.0
Low Weight Births (<2,500 Grams)	363	8.7	142	7.5	143	13.7	54	11.0	5	7.9
Very Low Weight Births (<1,500 Grams)	66	1.6	26	1.4	30	2.9	5	1.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	770	18.8	709	37.9	396	39.0	125	26.2	26	41.9
No Prenatal Care	39	1.0	65	3.5	26	2.6	8	1.7	3	4.8
Preterm Births (<37 Weeks)	409	9.8	160	8.5	136	13.0	42	8.5	6	9.5
Education of Mother <High School Diploma/GED	255	6.1	849	45.3	202	19.6	52	10.7	11	17.5
Live Births to Unmarried Women	760	18.2	558	29.5	464	44.4	57	11.6	26	41.3
Smoking During Pregnancy	279	6.7	28	1.5	37	3.5	5	1.0	4	6.3

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected starting 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: Arapahoe County residents, 2010

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	7,855	119,961	65.5	64.1	66.9
Teen Age Groups					
13-14	5	7,874	0.6	0.0	1.3
15-17	173	12,362	14.0	11.9	16.1
18-19	368	6,222	59.1	53.2	65.1
10-17	178	31,948	5.6	4.7	6.4
10-19	546	38,170	14.3	13.1	15.5
All Age Groups					
10-14	5	19,586	0.3	0.0	0.5
15-19	541	18,584	29.1	26.7	31.6
20-24	1,593	17,564	90.7	86.4	95.0
25-29	2,291	21,480	106.7	102.5	110.8
30-34	2,107	20,786	101.4	97.2	105.5
35-39	1,037	21,067	49.2	46.3	52.2
40-49	277	42,545	6.5	5.7	7.3

** 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: Arapahoe County residents, 2000, 2006-2010

	2000	2006	2007	2008	2009	2010	2006-2010 Annual Average
Total Population	487,967	536,051	545,882	556,246	566,480	572,003	555,332
Total Births							
Number	7,330	8,260	8,226	8,211	8,110	7,855	8,132
Birth Rate	15.0	15.4	15.1	14.8	14.3	13.7	14.6
General Fertility Rate	65.2	71.4	70.2	69.2	67.7	65.5	68.8
Age of Mother 10-17							
Number	225	247	224	234	244	178	225
Percent of Total Births	3.1	3.0	2.7	2.8	3.0	2.3	2.8
Fertility Rate	7.7	7.9	7.1	7.4	7.6	5.6	7.1
Low Weight Births (<2,500 Grams)							
Number	642	786	799	831	716	722	771
Percent	8.8	9.5	9.7	10.1	8.8	9.2	9.5
Prenatal Care Later Than 1st Trimester/No Care							
Number	1,128	1,048	1,515	1,799	2,192	2,077	1,726
Percent	15.7	13.2	19.1	22.6	27.5	27.0	21.9
Births to Unmarried Women							
Number	1,637	2,332	2,136	2,055	2,082	1,920	
Percent	22.3	28.2	26.0	25.0	25.7	24.4	
Mother's Education <12 Years							
Number	1,151	1,611	1,669	1,715	1,624	1,397	
Percent	15.9	20.6	20.7	21.3	20.3	18.0	
Infant Deaths							
Number	53	42	66	59	57	52	55
Rate	7.2	5.1	8.0	7.2	7.0	6.6	6.8
Neonatal Deaths							
Number	38	35	46	40	43	40	41
Rate	5.2	4.2	5.6	4.9	5.3	5.1	5.0
Total Deaths							
Number	2,753	3,062	3,102	3,219	3,289	3,276	3,190
Crude Rate	564.2	571.2	568.3	578.7	580.6	572.7	574.4
Age-Adjusted Rate	765.7	717.8	699.5	693.4	676.4	654.4	687.3
Cardiovascular Disease							
Number	867	904	819	786	818	765	818
Age-Adjusted Rate	254.2	219.5	190.6	175.0	175.1	156.7	182.2
Heart Disease							
Number	589	656	602	559	596	533	589
Age-Adjusted Rate	169.8	156.8	139.1	122.7	126.6	108.4	129.8

(Continued)

HIGHLIGHTED ROWS: Denotes data items collected starting 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: Arapahoe County residents, 2000, 2006-2010

	2000	2006	2007	2008	2009	2010	2006-2010 Annual Average
Cerebrovascular Disease							
Number	176	154	153	155	148	158	154
Age-Adjusted Rate	53.1	39.1	36.3	35.7	32.2	32.5	35.1
Malignant Neoplasms							
Number	606	671	694	696	733	797	718
Age-Adjusted Rate	162.2	155.5	156.1	145.8	147.4	156.4	152.3
Lung Cancer							
Number	150	158	151	182	190	192	175
Age-Adjusted Rate	41.4	37.3	34.8	39.1	39.2	38.9	37.9
Breast Cancer							
Number	61	60	48	53	52	48	52
Age-Adjusted Rate	14.9	13.1	10.5	10.7	10.3	9.4	10.7
Total Unintentional Injuries							
Number	162	162	203	216	220	216	203
Age-Adjusted Rate	36.3	32.9	40.1	40.6	40.7	39.7	39.0
Motor Vehicle							
Number	69	42	45	45	44	43	44
Age-Adjusted Rate	14.7	7.8	8.7	8.5	8.0	7.6	8.1
Other Unintentional Injuries							
Number	93	120	158	171	176	173	160
Age-Adjusted Rate	21.6	25.0	31.4	32.2	32.7	32.1	30.8
Chronic Lower Respiratory Diseases							
Number	177	177	179	243	198	201	200
Age-Adjusted Rate	52.1	44.2	43.7	56.6	43.8	42.8	46.2
Suicide							
Number	54	78	90	88	100	73	86
Age-Adjusted Rate	11.0	14.7	16.3	15.3	17.8	12.7	15.3
Homicide and Legal Intervention							
Number	19	30	18	15	21	26	22
Age-Adjusted Rate	3.8	5.5	3.2	2.6	3.7	4.5	3.9
Work-Related Injury							
Number	8	6	6	7	5	4	6
Age-Adjusted Rate	1.5	1.2	1.0	1.3	0.9	0.6	1.0

HIGHLIGHTED ROWS: Denotes data items collected starting 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: Arapahoe County residents, 2010

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	3,276	100.0	2,719	100.0	202	100.0	262	100.0	71	100.0	8	100.0
Cardiovascular Disease	765	23.4	648	23.8	38	18.8	59	22.5	17	23.9	0	0.0
Heart Disease	533	16.3	453	16.7	27	13.4	40	15.3	11	15.5	0	0.0
Cerebrovascular Disease	158	4.8	128	4.7	10	5.0	14	5.3	6	8.5	0	0.0
Atherosclerosis	14	0.4	14	0.5	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	797	24.3	660	24.3	41	20.3	71	27.1	20	28.2	3	37.5
Lung Cancer	192	5.9	166	6.1	4	2.0	17	6.5	4	5.6	*	*
Breast Cancer	48	1.5	40	1.5	*	*	5	1.9	*	*	0	0.0
Chronic Lower Respiratory Disease	201	6.1	183	6.7	7	3.5	10	3.8	0	0.0	0	0.0
Unintentional Injuries	216	6.6	164	6.0	25	12.4	20	7.6	5	7.0	*	*
Motor Vehicle	43	1.3	25	0.9	8	4.0	6	2.3	*	*	*	*
Other Unintentional Injuries	173	5.3	139	5.1	17	8.4	14	5.3	3	4.2	0	0.0
Pneumonia and Influenza	58	1.8	51	1.9	3	1.5	*	*	*	*	0	0.0
Suicide	73	2.2	60	2.2	5	2.5	5	1.9	*	*	*	*
Diabetes Mellitus	76	2.3	51	1.9	7	3.5	16	6.1	*	*	*	*
HIV Infection	8	0.2	7	0.3	*	*	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	62	1.9	48	1.8	7	3.5	3	1.1	*	*	*	*
Alzheimer's Disease	244	7.4	221	8.1	11	5.4	9	3.4	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	40	1.2	34	1.3	*	*	4	1.5	*	*	0	0.0
Homicide and Legal Intervention	26	0.8	10	0.4	7	3.5	8	3.1	*	*	0	0.0
Septicemia	31	0.9	27	1.0	0	0.0	4	1.5	0	0.0	0	0.0
Congenital Anomalies	16	0.5	7	0.3	6	3.0	*	*	*	*	0	0.0
Perinatal Period Conditions	32	1.0	8	0.3	9	4.5	14	5.3	*	*	0	0.0
All Other	631	19.3	540	19.9	34	16.8	35	13.4	18	25.4	0	0.0
Injury by Firearm	57	1.7	38	1.4	7	3.5	12	4.6	0	0.0	0	0.0
Drug-Induced Deaths	87	2.7	71	2.6	7	3.5	7	2.7	*	*	*	*
Alcohol-Induced Deaths	80	2.4	68	2.5	5	2.5	6	2.3	*	*	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	4	0.1	*	*	*	*	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: Arapahoe County residents, 2010

Age Group	Deaths	Population	Age-Specific Death Rate
	Age Group	Age Group	Age Group
All Ages	3,276	572,003	5.7
Infant	52	7,855	6.6
Neonatal	40	7,855	5.1
1-4	11	32,836	0.3
5-9	4	41,295	0.1
10-14	8	40,145	0.2
15-19	15	38,401	0.4
20-24	32	35,271	0.9
25-29	44	42,817	1.0
30-34	30	41,516	0.7
35-39	45	41,835	1.1
40-44	70	40,237	1.7
45-49	98	42,843	2.3
50-54	135	42,497	3.2
55-59	189	36,958	5.1
60-64	244	29,913	8.2
65-69	228	19,086	11.9
70-74	245	13,054	18.8
75-79	340	9,992	34.0
80-84	444	7,695	57.7
85+	1,042	7,753	134.4
1-14	23	114,276	0.2
15-24	47	73,672	0.6
25-64	855	318,616	2.7
65+	2,299	57,580	39.9

* 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: Arapahoe County residents, 2010

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	52	6.6	23	0.2	47	0.6	189	1.1	666	4.4	2,299	39.9
Cardiovascular Disease	0	0.0	*	*	4	0.1	21	0.1	115	0.8	623	10.8
Heart Disease	0	0.0	*	*	4	0.1	19	0.1	90	0.6	418	7.3
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	23	0.2	134	2.3
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	14	0.2
Malignant Neoplasms	0	0.0	*	*	*	*	25	0.2	236	1.6	533	9.3
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	45	0.3	146	2.5
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	14	0.1	32	0.6
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	3	0.0	28	0.2	170	3.0
Unintentional Injuries	*	*	7	0.1	24	0.3	53	0.3	57	0.4	74	1.3
Motor Vehicle	0	0.0	*	*	12	0.2	7	0.0	15	0.1	8	0.1
Other Unintentional Injuries	*	*	6	0.1	12	0.2	46	0.3	42	0.3	66	1.1
Pneumonia and Influenza	*	*	*	*	0	0.0	*	*	11	0.1	44	0.8
Suicide	0	0.0	3	0.0	7	0.1	29	0.2	27	0.2	7	0.1
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	4	0.0	29	0.2	43	0.7
HIV Infection	0	0.0	0	0.0	0	0.0	0	0.0	8	0.1	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	15	0.1	32	0.2	15	0.3
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	243	4.2
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	*	*	5	0.0	34	0.6
Homicide and Legal Intervention	*	*	0	0.0	7	0.1	8	0.0	9	0.1	*	*
Septicemia	0	0.0	0	0.0	0	0.0	3	0.0	6	0.0	22	0.4
Congenital Anomalies	11	1.4	3	0.0	0	0.0	0	0.0	*	*	*	*
Perinatal Period Conditions	32	4.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	6	0.8	6	0.1	3	0.0	26	0.2	101	0.7	489	8.5
Injury by Firearm	0	0.0	0	0.0	13	0.2	22	0.1	16	0.1	6	0.1
Drug-Induced Deaths	0	0.0	*	*	8	0.1	42	0.3	31	0.2	5	0.1
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	25	0.2	41	0.3	14	0.2
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	*	*	3	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:
Arapahoe County residents, 2010**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	3,276	572.7	654.4	632.2	676.5
Cardiovascular Disease	765	133.7	156.7	145.5	167.8
Heart Disease	533	93.2	108.4	99.1	117.7
Cerebrovascular Disease	158	27.6	32.5	27.4	37.6
Atherosclerosis	14	2.4	2.9	1.4	4.4
Malignant Neoplasms	797	139.3	156.4	145.3	167.5
Lung Cancer	192	33.6	38.9	33.3	44.5
Breast Cancer	48	8.4	9.4	6.6	12.1
Chronic Lower Respiratory Diseases	201	35.1	42.8	36.8	48.8
Unintentional Injuries	216	37.8	39.7	34.3	45.1
Motor Vehicle	43	7.5	7.6	5.3	9.9
Other Unintentional Injuries	170	29.7	31.7	26.8	36.5
Pneumonia and Influenza	58	10.1	11.3	8.4	14.3
Suicide	73	12.8	12.7	9.7	15.6
Diabetes Mellitus	76	13.3	14.5	11.2	17.9
HIV Infection	8	1.4	1.2	0.5	2.3
Chronic Liver Disease and Cirrhosis	62	10.8	10.7	8.0	13.5
Alzheimer's Disease	244	42.7	52.2	45.7	58.8
Nephritis, Nephrosis, Nephrotic Syndrome	40	7.0	8.3	5.7	10.9
Homicide and Legal Intervention	26	4.5	4.5	2.8	6.2
Septicemia	31	5.4	6.1	3.9	8.2
Congenital Anomalies	16	2.8	2.8	1.4	4.1
Perinatal Period Conditions	32	5.6	5.6	3.7	7.6
All Other	631	110.3	128.8	118.7	139.0
Injury by Firearm	57	10.0	9.9	7.3	12.5
Drug-Induced Deaths	87	15.2	14.8	11.7	18.0
Alcohol-Induced Deaths	80	14.0	13.8	10.7	16.9
Work-Related Injury (Y/N Check Death Certificate)	4	0.7	0.6	0.1	1.6

** 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.