

Adams 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.

Selected birth characteristics: Adams County residents, 2010

Characteristic	Number	Percent
Total Live Births	7,212	100.0
Age of Mother		
10-17	282	3.9
18-19	489	6.8
20-29	3,810	52.8
30+	2,631	36.5
Low Weight Births (<2,500 Grams)	607	8.4
Very Low Weight Births (<1,500 Grams)	81	1.1
Prenatal Care Later than 1st Trimester/No Care	1,596	22.7
No Prenatal Care	154	2.2
Preterm Births (<37 Weeks)	612	8.5
Education of Mother <High School Diploma/GED	1,931	27.2
Live Births to Unmarried Women	1,978	27.5
Smoking During Pregnancy	544	7.6

"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: Adams 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	7,212	100.0	282	100.0	489	100.0	3,810	100.0	2,631	100.0
Race/Ethnicity of Mother										
White, Non-Hispanic	3,325	47.7	51	18.9	151	32.3	1,738	47.2	1,385	54.2
White, Hispanic	2,989	42.8	191	70.7	266	56.8	1,598	43.4	934	36.5
Black	233	3.3	12	4.4	27	5.8	140	3.8	54	2.1
Asian American/Pacific Islander	252	3.6	3	1.1	10	2.1	107	2.9	132	5.2
American Indian/Native Alaskan	48	0.7	4	1.5	4	0.9	23	0.6	17	0.7
Other	130	1.9	9	3.3	10	2.1	76	2.1	35	1.4
Unknown	235		12		21		128		74	
Low Weight Births (<2,500 Grams)	607	8.4	34	12.1	51	10.4	297	7.8	225	8.6
Very Low Weight Births (<1,500 Grams)	81	1.1	5	1.8	4	0.8	49	1.3	23	0.9
Prenatal Care Later than 1st Trimester/No Care	1,596	22.7	100	36.8	160	33.5	857	23.0	479	18.8
No Prenatal Care	154	2.2	11	4.0	17	3.6	80	2.2	46	1.8
Preterm Births (<37 Weeks)	612	8.5	35	12.4	38	7.8	307	8.1	232	8.8
Education of Mother <High School Diploma/GED	1,931	27.2	241	88.0	228	47.0	903	24.1	559	21.6
Live Births to Unmarried Women	1,978	27.4	241	85.5	327	66.9	1,095	28.7	315	12.0
Smoking During Pregnancy	544	7.6	20	7.1	46	9.4	334	8.8	144	5.5

"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: Adams 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	3,325	100.0	2,989	100.0	233	100.0	252	100.0	48	100.0
Age of Mother										
10-17	51	1.5	191	6.4	12	5.2	3	1.2	4	8.3
18-19	151	4.5	266	8.9	27	11.6	10	4.0	4	8.3
20-29	1,738	52.3	1,598	53.5	140	60.1	107	42.5	23	47.9
30+	1,385	41.7	934	31.2	54	23.2	132	52.4	17	35.4
Low Weight Births (<2,500 Grams)	287	8.6	238	8.0	31	13.3	24	9.5	3	6.3
Very Low Weight Births (<1,500 Grams)	37	1.1	34	1.1	4	1.7	*	*	*	*
Prenatal Care Later than 1st Trimester/No Care	565	17.3	787	27.1	81	36.2	64	26.0	16	34.8
No Prenatal Care	52	1.6	82	2.8	7	3.1	5	2.0	*	*
Preterm Births (<37 Weeks)	301	9.1	244	8.2	21	9.0	21	8.4	0	0.0
Education of Mother <High School Diploma/GED	316	9.6	1,374	46.6	60	25.9	34	13.8	10	20.8
Live Births to Unmarried Women	685	20.6	997	33.4	118	50.6	39	15.5	22	45.8
Smoking During Pregnancy	384	11.6	109	3.7	20	8.6	9	3.6	7	14.6

"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 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: Adams County residents, 2010

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	7,212	95,831	75.3	73.6	76.9
Teen Age Groups					
13-14	13	6,185	2.1	0.9	3.3
15-17	269	9,044	29.7	26.2	33.3
18-19	489	5,413	90.3	82.6	98.1
10-17	282	25,226	11.2	9.9	12.5
10-19	771	30,639	25.2	23.4	26.9
All Age Groups					
10-14	13	16,182	0.8	0.3	1.3
15-19	758	14,457	52.4	48.8	56.1
20-24	1,687	14,653	115.1	109.9	120.3
25-29	2,123	17,657	120.2	115.4	125.1
30-34	1,669	17,510	95.3	90.9	99.7
35-39	787	16,391	48.0	44.7	51.3
40-49	175	29,996	5.8	5.0	6.7

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

	2000	2006	2007	2008	2009	2010	2006-2010 Annual Average
Total Population	348,618	407,587	415,915	425,138	436,323	441,603	425,313
Total Births							
Number	6,979	7,828	7,808	7,848	7,637	7,212	7,667
Birth Rate	20.0	19.2	18.8	18.5	17.5	16.3	18.0
General Fertility Rate	86.7	85.4	84.2	83.2	79.8	75.3	81.5
Age of Mother 10-17							
Number	372	373	326	310	341	282	326
Percent of Total Births	5.3	4.8	4.2	4.0	4.5	3.9	4.3
Fertility Rate	18.3	15.6	13.5	12.6	13.6	11.2	13.3
Low Weight Births (<2,500 Grams)							
Number	574	705	714	714	679	607	684
Percent	8.2	9.0	9.1	9.1	8.9	8.4	8.9
Prenatal Care Later Than 1st Trimester/No Care							
Number	1,493	1,518	1,704	1,782	1,790	1,596	1,678
Percent	22.1	19.8	22.9	24.3	24.5	22.7	22.8
Births to Unmarried Women							
Number	2,111	2,403	2,251	2,187	2,198	1,978	
Percent	30.2	30.7	28.8	27.9	28.8	27.4	
Mother's Education <12 Years							
Number	1,873	2,260	2,290	2,261	2,188	1,931	
Percent	27.6	30.3	30.1	29.5	29.2	27.2	
Infant Deaths							
Number	42	45	51	51	59	41	49
Rate	6.0	5.7	6.5	6.5	7.7	5.7	6.4
Neonatal Deaths							
Number	26	38	35	30	47	27	35
Rate	3.7	4.9	4.5	3.8	6.2	3.7	4.6
Total Deaths							
Number	2,124	2,249	2,336	2,479	2,429	2,412	2,381
Crude Rate	609.3	551.8	561.7	583.1	556.7	546.2	559.8
Age-Adjusted Rate	923.5	877.1	865.2	875.1	799.5	766.4	833.4
Cardiovascular Disease							
Number	646	596	590	622	559	568	587
Age-Adjusted Rate	306.0	256.5	236.4	236.2	197.6	190.8	221.5
Heart Disease							
Number	469	440	436	444	416	399	427
Age-Adjusted Rate	219.3	186.4	172.9	167.2	146.1	132.6	159.5

(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: Adams County residents, 2000, 2006-2010

	2000	2006	2007	2008	2009	2010	2006-2010 Annual Average
Cerebrovascular Disease							
Number	116	93	81	110	97	123	101
Age-Adjusted Rate	56.1	40.5	32.0	43.1	34.2	41.9	38.4
Malignant Neoplasms							
Number	462	515	537	556	538	575	544
Age-Adjusted Rate	193.1	195.4	194.9	192.6	171.4	177.8	185.7
Lung Cancer							
Number	114	123	139	162	131	145	140
Age-Adjusted Rate	46.0	48.0	51.3	56.3	42.8	46.0	48.7
Breast Cancer							
Number	44	27	36	27	32	39	32
Age-Adjusted Rate	17.1	8.7	12.2	8.2	9.3	12.1	10.1
Total Unintentional Injuries							
Number	155	181	167	180	159	154	168
Age-Adjusted Rate	49.6	53.3	50.2	49.6	43.5	40.6	47.2
Motor Vehicle							
Number	60	48	40	57	40	38	45
Age-Adjusted Rate	16.6	12.5	10.4	13.7	9.4	8.7	10.9
Other Unintentional Injuries							
Number	95	133	127	123	119	116	124
Age-Adjusted Rate	33.0	40.8	39.9	35.8	34.0	31.9	36.3
Chronic Lower Respiratory Diseases							
Number	178	158	173	198	183	199	182
Age-Adjusted Rate	83.5	65.7	68.4	76.2	64.4	67.8	68.5
Suicide							
Number	55	60	71	68	73	52	65
Age-Adjusted Rate	16.9	15.5	18.7	16.5	17.3	12.3	16.0
Homicide and Legal Intervention							
Number	23	18	14	22	26	16	19
Age-Adjusted Rate	6.0	4.1	3.1	5.1	6.1	3.5	4.4
Work-Related Injury							
Number	7	12	10	13	8	6	10
Age-Adjusted Rate	1.8	3.1	2.5	3.2	1.9	1.5	2.4

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: Adams 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	2,412	100.0	1,863	100.0	389	100.0	72	100.0	53	100.0	23	100.0
Cardiovascular Disease	568	23.5	450	24.2	78	20.1	15	20.8	17	32.1	5	21.7
Heart Disease	399	16.5	317	17.0	52	13.4	10	13.9	13	24.5	4	17.4
Cerebrovascular Disease	123	5.1	93	5.0	24	6.2	3	4.2	3	5.7	0	0.0
Atherosclerosis	12	0.5	11	0.6	*	*	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	575	23.8	459	24.6	78	20.1	14	19.4	19	35.8	3	13.0
Lung Cancer	145	6.0	127	6.8	14	3.6	*	*	*	*	0	0.0
Breast Cancer	39	1.6	32	1.7	5	1.3	*	*	0	0.0	*	*
Chronic Lower Respiratory Disease	199	8.3	172	9.2	15	3.9	6	8.3	*	*	3	13.0
Unintentional Injuries	154	6.4	118	6.3	29	7.5	4	5.6	3	5.7	0	0.0
Motor Vehicle	38	1.6	26	1.4	11	2.8	*	*	0	0.0	0	0.0
Other Unintentional Injuries	116	4.8	92	4.9	18	4.6	3	4.2	3	5.7	0	0.0
Pneumonia and Influenza	41	1.7	31	1.7	7	1.8	*	*	0	0.0	*	*
Suicide	52	2.2	34	1.8	14	3.6	*	*	*	*	0	0.0
Diabetes Mellitus	75	3.1	50	2.7	20	5.1	3	4.2	*	*	*	*
HIV Infection	7	0.3	4	0.2	*	*	*	*	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	54	2.2	38	2.0	14	3.6	*	*	0	0.0	*	*
Alzheimer's Disease	95	3.9	86	4.6	7	1.8	*	*	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	43	1.8	24	1.3	16	4.1	3	4.2	0	0.0	0	0.0
Homicide and Legal Intervention	16	0.7	8	0.4	5	1.3	3	4.2	0	0.0	0	0.0
Septicemia	30	1.2	20	1.1	8	2.1	0	0.0	*	*	0	0.0
Congenital Anomalies	11	0.5	3	0.2	6	1.5	0	0.0	*	*	*	*
Perinatal Period Conditions	21	0.9	8	0.4	10	2.6	*	*	0	0.0	0	0.0
All Other	471	19.5	358	19.2	80	20.6	16	22.2	8	15.1	8	34.8
Injury by Firearm	30	1.2	19	1.0	6	1.5	3	4.2	0	0.0	0	0.0
Drug-Induced Deaths	68	2.8	52	2.8	13	3.3	*	*	*	*	0	0.0
Alcohol-Induced Deaths	61	2.5	42	2.3	15	3.9	*	*	0	0.0	*	*
Work-Related Injury (Y/N Check Death Certificate)	6	0.2	3	0.2	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: Adams County residents, 2010

Age Group	Deaths	Population	Age-Specific Death Rate
	Age Group	Age Group	Age Group
All Ages	2,412	441,603	5.5
Infant	41	7,212	5.7
Neonatal	27	7,212	3.7
1-4	6	30,313	0.2
5-9	3	36,800	0.1
10-14	*	33,142	*
15-19	11	29,940	0.4
20-24	25	29,849	0.8
25-29	18	35,852	0.5
30-34	30	35,898	0.8
35-39	36	34,186	1.1
40-44	40	31,036	1.3
45-49	99	30,305	3.3
50-54	140	28,124	5.0
55-59	170	23,242	7.3
60-64	206	18,698	11.0
65-69	199	12,432	16.0
70-74	221	8,925	24.8
75-79	305	6,843	44.6
80-84	318	4,783	66.5
85+	542	3,879	139.7
1-14	11	100,255	0.1
15-24	36	59,789	0.6
25-64	739	237,341	3.1
65+	1,585	36,862	43.0

* 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: Adams 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	41	5.7	11	0.1	36	0.6	124	0.9	615	6.1	1,585	43.0
Cardiovascular Disease	*	*	*	*	*	*	13	0.1	126	1.3	425	11.5
Heart Disease	0	0.0	*	*	*	*	10	0.1	98	1.0	289	7.8
Cerebrovascular Disease	*	*	0	0.0	0	0.0	3	0.0	21	0.2	97	2.6
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	0.3
Malignant Neoplasms	0	0.0	*	*	0	0.0	18	0.1	180	1.8	375	10.2
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	38	0.4	106	2.9
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	11	0.1	26	0.7
Chronic Lower Respiratory Diseases	0	0.0	*	*	*	*	*	*	33	0.3	162	4.4
Unintentional Injuries	4	0.6	*	*	11	0.2	45	0.3	46	0.5	46	1.2
Motor Vehicle	0	0.0	*	*	5	0.1	12	0.1	15	0.1	4	0.1
Other Unintentional Injuries	4	0.6	0	0.0	6	0.1	33	0.2	31	0.3	42	1.1
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	3	0.0	3	0.0	35	0.9
Suicide	0	0.0	0	0.0	9	0.2	13	0.1	25	0.2	5	0.1
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	3	0.0	25	0.2	47	1.3
HIV Infection	0	0.0	0	0.0	0	0.0	0	0.0	7	0.1	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	5	0.0	34	0.3	15	0.4
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	3	0.0	92	2.5
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	*	*	*	*	6	0.1	35	0.9
Homicide and Legal Intervention	*	*	0	0.0	5	0.1	6	0.0	4	0.0	0	0.0
Septicemia	*	*	0	0.0	0	0.0	*	*	11	0.1	17	0.5
Congenital Anomalies	9	1.2	0	0.0	0	0.0	0	0.0	*	*	0	0.0
Perinatal Period Conditions	21	2.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	3	0.4	5	0.0	8	0.1	14	0.1	110	1.1	331	9.0
Injury by Firearm	0	0.0	0	0.0	4	0.1	9	0.1	14	0.1	3	0.1
Drug-Induced Deaths	0	0.0	0	0.0	6	0.1	31	0.2	29	0.3	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	*	*	9	0.1	40	0.4	11	0.3
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	3	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:
Adams County residents, 2010**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	2,412	546.2	766.4	736.0	796.8
Cardiovascular Disease	568	128.6	190.8	174.9	206.6
Heart Disease	399	90.4	132.6	119.3	145.8
Cerebrovascular Disease	123	27.9	41.9	34.4	49.5
Atherosclerosis	12	2.7	4.7	2.0	7.4
Malignant Neoplasms	575	130.2	177.8	162.9	192.7
Lung Cancer	145	32.8	46.0	38.3	53.7
Breast Cancer	39	8.8	12.1	8.2	15.9
Chronic Lower Respiratory Diseases	199	45.1	67.8	58.2	77.4
Unintentional Injuries	154	34.9	40.6	34.0	47.3
Motor Vehicle	38	8.6	8.7	5.9	11.6
Other Unintentional Injuries	116	26.3	31.9	25.9	37.9
Pneumonia and Influenza	41	9.3	14.3	9.8	18.7
Suicide	52	11.8	12.3	8.9	15.7
Diabetes Mellitus	75	17.0	23.2	17.8	28.6
HIV Infection	7	1.6	1.5	0.6	2.9
Chronic Liver Disease and Cirrhosis	54	12.2	13.6	9.9	17.3
Alzheimer's Disease	95	21.5	36.6	29.3	44.0
Nephritis, Nephrosis, Nephrotic Syndrome	43	9.7	14.8	10.3	19.4
Homicide and Legal Intervention	16	3.6	3.5	1.8	5.2
Septicemia	30	6.8	8.8	5.6	12.1
Congenital Anomalies	11	2.5	2.2	1.0	3.7
Perinatal Period Conditions	21	4.8	3.9	2.3	5.6
All Other	471	106.7	154.6	140.4	168.9
Injury by Firearm	30	6.8	7.1	4.5	9.6
Drug-Induced Deaths	68	15.4	15.3	11.6	19.0
Alcohol-Induced Deaths	61	13.8	14.7	11.0	18.4
Work-Related Injury (Y/N Check Death Certificate)	6	1.4	1.5	0.5	3.1

** 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 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.