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Arapahoe County Births and Deaths 2004

Selected birth characteristics: Arapahoe County residents, 2004	2
Selected birth characteristics by age group of mother: Arapahoe County residents, 2004	3
Selected birth characteristics by race/ethnicity of mother: Arapahoe County residents, 2004.....	4
Live births and fertility rates: Arapahoe County residents, 2004	5
Vital statistics summary: ArapahoeCounty residents, 1994, 2000-2004	6
Deaths from selected causes by race/ethnicity: Arapahoe County residents, 2004	8
Deaths and age-specific death rates: Arapahoe County residents, 2004	9
Deaths and age-specific death rates from selected causes: Arapahoe County residents, 2004	10
Deaths, crude death rates and age-adjusted death rates from selected causes: Arapahoe County residents, 2004	11

Selected birth characteristics: Arapahoe county residents, 2004

Characteristic	Number	Percent
Total Live Births	8,056	100.0
Age of Mother		
10-17	252	3.1
18-19	430	5.3
20-29	4,084	50.7
30+	3,287	40.8
Low Weight Births (<2,500 Grams)	731	9.1
Very Low Weight Births (<1,500 Grams)	115	1.4
Prenatal Care Later than 1st Trimester/No Care	1,570	20.1
No Prenatal Care	108	1.4
Preterm Births (<37 Weeks)	749	9.3
Education of Mother <12 Years	1,653	20.5
Live Births to Unmarried Women	2,227	27.6
Smoking During Pregnancy	536	6.7

** 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, 2004

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	8,056	100.0	252	100.0	430	100.0	4,084	100.0	3,287	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	4,356	54.1	69	27.4	152	35.3	2,047	50.1	2,086	63.5
White Hispanic	2,194	27.2	122	48.4	188	43.7	1,253	30.7	631	19.2
Black	947	11.8	57	22.6	76	17.7	541	13.3	273	8.3
Other	557	6.9	4	1.6	14	3.3	242	5.9	297	9.0
Low Weight Births (<2,500 Grams)	731	9.1	24	9.5	37	8.6	354	8.7	316	9.6
Very Low Weight Births (<1,500 Grams)	115	1.4	3	1.2	*	*	59	1.4	51	1.6
Prenatal Care Later than 1st Trimester/No Care	1,570	20.1	104	41.9	138	32.6	888	22.4	437	13.8
No Prenatal Care	108	1.4	9	3.6	9	2.1	59	1.5	29	0.9
Preterm Births (<37 Weeks)	749	9.3	22	8.8	31	7.2	351	8.6	345	10.5
Education of Mother <12 Years	1,653	20.5	210	83.3	208	48.4	886	21.7	348	10.6
Live Births to Unmarried Women	2,227	27.6	219	86.9	292	67.9	1,301	31.9	413	12.6
Smoking During Pregnancy	536	6.7	14	5.6	41	9.6	340	8.4	141	4.3

** 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: Arapahoe county residents, 2004

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	4,356	100.0	2,194	100.0	947	100.0	502	100.0	55	100.0
Age of Mother										
10-17	69	1.6	122	5.6	57	6.0	3	0.6	*	*
18-19	152	3.5	188	8.6	76	8.0	9	1.8	5	9.1
20-29	2,047	47.0	1,253	57.1	541	57.1	214	42.6	28	50.9
30+	2,086	47.9	631	28.8	273	28.8	276	55.0	21	38.2
Low Weight Births (<2,500 Grams)	381	8.7	150	6.8	135	14.3	58	11.6	7	12.7
Very Low Weight Births (<1,500 Grams)	61	1.4	29	1.3	18	1.9	7	1.4	0	0.0
Prenatal Care Later than 1st Trimester/No Care	536	12.8	682	31.7	240	26.4	93	19.1	17	31.5
No Prenatal Care	42	1.0	41	1.9	17	1.9	5	1.0	*	*
Preterm Births (<37 Weeks)	395	9.1	167	7.6	119	12.6	60	12.0	8	14.5
Education of Mother <12 Years	310	7.1	1,126	51.3	171	18.1	36	7.2	9	16.4
Live Births to Unmarried Women	856	19.7	781	35.6	502	53.0	55	11.0	31	56.4
Smoking During Pregnancy	395	9.1	52	2.4	67	7.1	15	3.0	7	13.0

** 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 the 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 by age group of mother: Arapahoe county residents, 2004

Age Group	Births	Population	Fertility Rate
All Ages	8,056	114,020	70.7
Teen Age Groups			
13-14	10	7,460	1.3
15-17	242	11,346	21.3
18-19	430	7,601	56.6
10-17	252	29,717	8.5
10-19	682	37,317	18.3
All Age Groups			
10-14	10	18,370	0.5
15-19	672	18,947	35.5
20-24	1,865	16,550	112.7
25-29	2,219	17,071	130.0
30-34	2,100	19,827	105.9
35-39	966	19,405	49.8
40-49	221	44,711	4.9

** 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, 1994, 2000-2004

	1994	2000	2001	2002	2003	2004	2000-2004 Annual Average
Total Population	436,406	491,134	503,846	513,971	520,504	527,031	511,297
Total Births							
Number	6,193	7,330	7,534	7,840	8,025	8,056	7,757
Birth Rate	14.2	14.9	15.0	15.3	15.4	15.3	15.2
General Fertility Rate	56.7	64.9	66.1	68.2	69.8	70.7	68.0
Age of Mother 10-17							
Number	206	225	219	213	239	252	230
Percent of Total Births	3.3	3.1	2.9	2.7	3.0	3.1	3.0
Fertility Rate	8.2	7.6	7.4	7.1	7.9	8.5	7.7
Low Weight Births (<2,500 Grams)							
Number	566	642	621	737	758	731	698
Percent	9.1	8.8	8.2	9.4	9.4	9.1	9.0
Prenatal Care Later Than 1st Trimester							
Number	836	1,128	1,248	1,486	1,588	1,570	1,404
Percent	13.8	15.7	17.0	19.4	20.3	20.1	18.6
Births to Unmarried Women							
Number	1,309	1,637	1,638	2,016	2,151	2,227	1,934
Percent	21.1	22.3	21.7	25.7	26.8	27.6	24.9
Mother's Education <12 Years							
Number	640	1,151	1,296	1,439	1,609	1,653	1,430
Percent	10.5	15.9	17.4	18.5	20.2	20.8	18.6
Infant Deaths							
Number	46	53	28	41	44	53	44
Rate	7.4	7.2	3.7	5.2	5.5	6.6	5.6
Neonatal Deaths							
Number	29	38	22	32	36	39	33
Rate	4.7	5.2	2.9	4.1	4.5	4.8	4.3
Total Deaths							
Number	2,258	2,753	2,928	2,969	2,897	2,904	2,890
Crude Rate	517.4	560.5	581.1	577.7	556.6	551.0	565.3
Age-Adjusted Rate	795.9	760.4	756.3	739.0	728.6	663.9	727.2
Cardiovascular Disease							
Number	743	867	924	937	864	874	893
Age-Adjusted Rate	282.0	252.5	250.0	242.7	228.3	207.2	235.1
Heart Disease							

** 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, 1994, 2000-2004

	1994	2000	2001	2002	2003	2004	2000-2004 Annual Average
Number	589	589	641	666	586	614	619
Age-Adjusted Rate	219.3	168.6	171.1	171.0	153.2	143.0	160.7
Cerebrovascular Disease							
Number	147	176	172	177	176	157	172
Age-Adjusted Rate	60.1	52.8	47.7	46.4	47.4	38.5	46.3
Malignant Neoplasms							
Number	564	606	670	659	661	618	643
Age-Adjusted Rate	190.3	160.9	169.1	160.8	161.0	137.6	157.4
Lung Cancer							
Number	129	150	176	172	159	131	158
Age-Adjusted Rate	43.1	41.1	45.2	42.8	40.2	29.5	39.4
Breast Cancer							
Number	46	61	42	50	59	60	54
Age-Adjusted Rate	15.5	14.8	9.8	12.2	13.8	12.5	12.6
Total Unintentional Injuries							
Number	96	162	172	162	159	205	172
Age-Adjusted Rate	27.2	36.0	37.4	34.0	34.2	41.9	36.8
Motor Vehicle							
Number	44	69	65	57	39	68	60
Age-Adjusted Rate	11.1	14.6	13.0	11.1	7.6	13.0	11.9
Other Unintentional Injuries							
Number	52	93	107	105	120	137	112
Age-Adjusted Rate	16.1	21.4	24.3	23.0	26.7	28.9	25.0
Chronic Lower Respiratory Diseases							
Number	131	177	160	165	159	164	165
Age-Adjusted Rate	47.3	51.7	43.4	43.3	41.7	39.7	43.7
Suicide							
Number	63	54	86	84	73	83	76
Age-Adjusted Rate	15.1	10.9	17.2	16.2	14.2	15.2	14.8
Homicide and Legal Intervention							
Number	19	19	20	19	21	29	22
Age-Adjusted Rate	4.4	3.8	4.0	3.5	3.9	5.6	4.2
Work-Related Injury							
Number	4	8	10	8	*	7	7
Age-Adjusted Rate	0.9	1.4	1.9	1.6	*	1.3	1.3

** 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, 2004

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	2,904	100.0	2,486	100.0	160	100.0	176	100.0	72	100.0	10	100.0
Cardiovascular Disease	874	30.1	770	31.0	34	21.3	52	29.5	15	20.8	3	30.0
Heart Disease	614	21.1	550	22.1	19	11.9	34	19.3	9	12.5	*	*
Cerebrovascular Disease	157	5.4	130	5.2	8	5.0	12	6.8	6	8.3	*	*
Atherosclerosis	46	1.6	43	1.7	*	*	*	*	0	0.0	0	0.0
Malignant Neoplasms	618	21.3	541	21.8	33	20.6	26	14.8	18	25.0	0	0.0
Lung Cancer	131	4.5	118	4.7	6	3.8	7	4.0	0	0.0	0	0.0
Breast Cancer	60	2.1	54	2.2	*	*	*	*	*	*	0	0.0
Chronic Lower Respiratory Disease	164	5.6	155	6.2	*	*	5	2.8	3	4.2	0	0.0
Unintentional Injuries	205	7.1	157	6.3	23	14.4	16	9.1	8	11.1	*	*
Motor Vehicle	68	2.3	48	1.9	12	7.5	3	1.7	5	6.9	0	0.0
Other Unintentional Injuries	137	4.7	109	4.4	11	6.9	13	7.4	3	4.2	*	*
Pneumonia and Influenza	52	1.8	47	1.9	*	*	4	2.3	0	0.0	0	0.0
Suicide	83	2.9	65	2.6	5	3.1	7	4.0	4	5.6	*	*
Diabetes Mellitus	53	1.8	44	1.8	4	2.5	4	2.3	0	0.0	*	*
HIV Infection	4	0.1	*	*	*	*	*	*	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	41	1.4	29	1.2	6	3.8	3	1.7	3	4.2	0	0.0
Alzheimer's Disease	133	4.6	125	5.0	3	1.9	3	1.7	*	*	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	38	1.3	32	1.3	0	0.0	5	2.8	*	*	0	0.0
Homicide and Legal Intervention	29	1.0	13	0.5	5	3.1	10	5.7	*	*	0	0.0
Septicemia	32	1.1	30	1.2	*	*	*	*	0	0.0	0	0.0
Congenital Anomalies	15	0.5	9	0.4	3	1.9	*	*	*	*	0	0.0
Perinatal Period Conditions	27	0.9	10	0.4	9	5.6	6	3.4	*	*	*	*
All Other	536	18.5	457	18.4	31	19.4	31	17.6	15	20.8	*	*
Injury by Firearm	61	2.1	40	1.6	7	4.4	11	6.3	*	*	*	*
Drug-Induced Deaths	72	2.5	55	2.2	6	3.8	9	5.1	*	*	*	*
Alcohol-Induced Deaths	45	1.5	35	1.4	6	3.8	4	2.3	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	7	0.2	5	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: Arapahoe county residents, 2004

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	2,904	527,031	5.5
Infant	53	8,056	6.6
Neonatal	39	8,056	4.8
1-4	3	29,726	0.1
5-9	5	35,318	0.1
10-14	11	37,801	0.3
15-19	20	39,022	0.5
20-24	30	34,221	0.9
25-29	40	34,161	1.2
30-34	41	40,265	1.0
35-39	53	38,965	1.4
40-44	73	43,505	1.7
45-49	116	43,402	2.7
50-54	149	39,179	3.8
55-59	143	31,286	4.6
60-64	158	20,360	7.8
65-69	186	15,635	11.9
70-74	232	12,576	18.4
75-79	352	10,298	34.2
80-84	443	7,581	58.4
85+	796	5,866	135.7
1-14	19	102,845	0.2
15-24	50	73,244	0.7
25-64	773	291,123	2.7
65+	2,009	51,956	38.7

** 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: Arapahoe county residents, 2004

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	53	6.6	19	0.2	50	0.7	207	1.3	566	4.2	2,009	38.7
Cardiovascular Disease	3	0.4	*	*	*	*	28	0.2	144	1.1	696	13.4
Heart Disease	3	0.4	*	*	*	*	22	0.1	124	0.9	462	8.9
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	5	0.0	15	0.1	137	2.6
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	45	0.9
Malignant Neoplasms	0	0.0	3	0.0	*	*	17	0.1	181	1.3	415	8.0
Lung Cancer	0	0.0	0	0.0	0	0.0	3	0.0	31	0.2	97	1.9
Breast Cancer	0	0.0	0	0.0	0	0.0	3	0.0	28	0.2	29	0.6
Chronic Lower Respiratory Diseases	0	0.0	*	*	0	0.0	0	0.0	14	0.1	148	2.8
Unintentional Injuries	*	*	4	0.0	24	0.3	62	0.4	48	0.4	65	1.3
Motor Vehicle	0	0.0	*	*	14	0.2	21	0.1	20	0.1	11	0.2
Other Unintentional Injuries	*	*	*	*	10	0.1	41	0.3	28	0.2	54	1.0
Pneumonia and Influenza	0	0.0	0	0.0	*	*	*	*	5	0.0	44	0.8
Suicide	0	0.0	*	*	6	0.1	31	0.2	37	0.3	7	0.1
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	11	0.1	41	0.8
HIV Infection	0	0.0	0	0.0	0	0.0	*	*	3	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	7	0.0	23	0.2	11	0.2
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	3	0.0	130	2.5
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	*	*	0	0.0	0	0.0	37	0.7
Homicide and Legal Intervention	*	*	*	*	7	0.1	14	0.1	3	0.0	3	0.1
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	6	0.0	26	0.5
Congenital Anomalies	11	1.4	0	0.0	0	0.0	*	*	*	*	*	*
Perinatal Period Conditions	27	3.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	9	1.1	5	0.0	8	0.1	42	0.3	87	0.6	385	7.4
Injury by Firearm	0	0.0	*	*	9	0.1	23	0.1	24	0.2	4	0.1
Drug-Induced Deaths	0	0.0	0	0.0	7	0.1	38	0.2	23	0.2	4	0.1
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	9	0.1	30	0.2	6	0.1
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	*	*	4	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, 2004**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	2,904	551.0	663.9	640.3	687.6
Cardiovascular Disease	874	165.8	207.2	193.6	220.9
Heart Disease	614	116.5	143.0	131.6	154.3
Cerebrovascular Disease	157	29.8	38.5	32.5	44.6
Atherosclerosis	46	8.7	11.8	8.4	15.2
Malignant Neoplasms	618	117.3	137.6	126.7	148.6
Lung Cancer	131	24.9	29.5	24.4	34.6
Breast Cancer	60	11.4	12.5	9.3	15.8
Chronic Lower Respiratory Diseases	164	31.1	39.7	33.6	45.8
Unintentional Injuries	205	38.9	41.9	36.1	47.7
Motor Vehicle	68	12.9	13.0	9.9	16.2
Other Unintentional Injuries	134	25.4	28.3	23.5	33.2
Pneumonia and Influenza	52	9.9	12.7	9.2	16.2
Suicide	83	15.7	15.2	11.9	18.5
Diabetes Mellitus	53	10.1	12.2	8.9	15.6
HIV Infection	4	0.8	0.7	0.0	0.1
Chronic Liver Disease and Cirrhosis	41	7.8	7.8	5.4	10.2
Alzheimer's Disease	133	25.2	34.1	28.4	39.9
Nephritis, Nephrosis, Nephrotic Syndrome	38	7.2	9.5	6.5	12.5
Homicide and Legal Intervention	29	5.5	5.6	3.5	7.6
Septicemia	32	6.1	7.6	4.9	10.2
Congenital Anomalies	15	2.8	2.7	1.3	4.1
Perinatal Period Conditions	27	5.1	4.7	3.0	6.5
All Other	536	101.7	124.6	114.0	135.2
Injury by Firearm	61	11.6	11.2	8.3	14.0
Drug-Induced Deaths	72	13.7	13.3	10.2	16.4
Alcohol-Induced Deaths	45	8.5	8.1	5.7	10.5
Work-Related Injury (Y/N Check Death Certificate)	7	1.3	1.3	0.0	0.1

** 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.