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Arapahoe County Births and Deaths 2001

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Selected birth characteristics with 95% confidence limit: Arapahoe county residents, 2001

Characteristic	Number	Percent	Lower Limit	Upper Limit
Total Live Births	7,334	100.0	100.0	100.0
Age of Mother				
10-17	229	3.1	2.7	3.5
18-19	453	6.2	5.6	6.7
20-29	3,732	50.9	49.7	52.0
30+	2,918	39.8	38.7	40.9
Low Weight Births (<2,500 Grams)	606	8.3	7.6	8.9
Very Low Weight Births (<1,500 Grams)	87	1.2	0.9	1.4
Prenatal Care Later than 1st Trimester/No Care	1,233	16.8	15.9	17.7
No Prenatal Care	78	1.1	0.8	1.3
Preterm Births (<37 Weeks)	671	9.1	8.5	9.8
Education of Mother <12 Years	1,333	18.2	17.3	19.1
Live Births to Unmarried Women	1,610	22.0	21.0	22.9
Smoking During Pregnancy	644	8.8	8.1	9.4

** 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.cdph.state.co.us/hs for definitions of data items and explanation of confidence limits.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Selected birth characteristics by age group of mother: Arapahoe county residents, 2001

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Characteristic										
Total Live Births	7,334	100.0	229	100.0	453	100.0	3,732	100.0	2,918	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	4,364	59.5	80	34.9	187	41.4	2,045	54.8	2,050	70.3
White Hispanic	1,855	25.3	107	46.7	179	39.6	1,094	29.3	475	16.3
Black	678	9.2	36	15.7	70	15.5	379	10.2	193	6.6
Other	436	5.9	6	2.6	16	3.5	214	5.7	200	6.9
Low Weight Births (<2,500 Grams)	606	8.3	33	14.4	48	10.6	295	7.9	230	7.9
Very Low Weight Births (<1,500 Grams)	87	1.2	9	3.9	5	1.1	36	1.0	37	1.3
Prenatal Care Later than 1st Trimester/No Care	1,233	17.3	104	46.4	147	33.0	701	19.2	280	9.9
No Prenatal Care	78	1.1	11	4.9	15	3.4	43	1.2	9	0.3
Preterm Births (<37 Weeks)	671	9.2	40	17.5	46	10.2	321	8.6	264	9.1
Education of Mother <12 Years	1,333	18.2	191	83.4	172	38.0	744	19.9	225	7.7
Live Births to Unmarried Women	1,610	22.0	173	75.5	267	58.9	938	25.1	231	7.9
Smoking During Pregnancy	644	8.8	25	10.9	62	13.7	378	10.2	179	6.1

* 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, 2001

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Characteristic										
Total Live Births	4,364	100.0	1,855	100.0	678	100.0	384	100.0	52	100.0
Age of Mother										
10-17	80	1.8	107	5.8	36	5.3	4	1.0	*	*
18-19	187	4.3	179	9.6	70	10.3	11	2.9	5	9.6
20-29	2,045	46.9	1,094	59.0	379	55.9	183	47.7	31	59.6
30+	2,050	47.0	475	25.6	193	28.5	186	48.4	14	26.9
Low Weight Births (<2,500 Grams)	324	7.4	144	7.8	94	13.9	39	10.2	5	9.6
Very Low Weight Births (<1,500 Grams)	45	1.0	19	1.0	14	2.1	8	2.1	*	*
Prenatal Care Later than 1st Trimester/No Care	379	8.9	620	34.1	144	22.1	73	19.4	17	33.3
No Prenatal Care	20	0.5	41	2.3	9	1.4	7	1.9	*	*
Preterm Births (<37 Weeks)	394	9.0	158	8.5	80	11.8	35	9.1	4	7.7
Education of Mother <12 Years	295	6.8	890	48.0	107	15.8	32	8.3	9	17.3
Live Births to Unmarried Women	667	15.3	564	30.4	322	47.5	30	7.8	27	51.9
Smoking During Pregnancy	485	11.1	66	3.6	72	10.7	11	2.9	10	19.2

* 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 of each race/ethnicity group, 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 of mother: Arapahoe county residents, 2001

	Births	Population	Fertility Rate	Lower Limit	Upper Limit
Age Group					
All Ages	7,334	113,881	64.4	63.0	65.8
Teenage Group					
13-14	9	7,552	1.2	0.3	2.0
15-17	219	11,144	19.7	17.0	22.3
18-19	453	6,624	68.4	62.2	74.5
10-17	229	29,861	7.7	6.7	8.7
10-19	682	36,485	18.7	17.3	20.1
All Age Groups					
10-14	10	18,717	0.5	0.2	0.9
15-19	672	17,768	37.8	35.0	40.7
20-24	1,726	14,791	116.7	111.5	121.9
25-29	2,006	18,396	109.0	104.5	113.6
30-34	1,826	19,087	95.7	91.5	99.9
35-39	863	20,804	41.5	38.7	44.2
40-49	229	44,796	5.1	4.4	5.8

** 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.cdph.state.co.us/hs for explanation of confidence limits.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Vital statistics summary: Arapahoe county residents, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Total Population	403,208	459,061	472,395	481,305	490,740	501,847	481,070
Total Births							
Number	6,410	6,175	6,595	6,779	7,164	7,334	6,809
Birth Rate	15.9	13.5	14.0	14.1	14.6	14.6	14.2
General Fertility Rate	61.1	56.0	59.0	60.4	63.5	64.4	60.7
Age of Mother 10-17							
Number	178	171	218	202	232	229	210
Percent of Total Births	2.8	2.8	3.3	3.0	3.2	3.1	3.1
Fertility Rate	7.9	6.3	7.8	7.0	7.9	7.7	7.4
Low Weight Births (<2,500 Grams)							
Number	492	571	608	566	620	606	594
Percent	7.7	9.2	9.2	8.3	8.7	8.3	8.7
Prenatal Care Later Than 1st Trimester							
Number	1,061	631	784	853	1,105	1,233	921
Percent	16.7	10.3	12.2	12.7	15.7	17.3	13.8
Births to Unmarried Women							
Number	1,190	1,265	1,498	1,445	1,578	1,610	1,479
Percent	18.6	20.5	22.7	21.3	22.0	22.0	21.7
Mother's Education <12 Years							
Number	672	729	857	1,047	1,152	1,333	1,024
Percent	10.7	12.0	13.4	15.6	16.2	18.4	15.3
Infant Deaths							
Number	52	44	51	48	52	34	46
Rate	8.1	7.1	7.7	7.1	7.3	4.6	6.7
Neonatal Deaths							
Number	31	29	40	34	37	26	33
Rate	4.8	4.7	6.1	5.0	5.2	3.5	4.9
Total Deaths							
Number	1,949	2,393	2,600	2,572	2,684	2,889	2,628
Crude Rate	483.4	521.3	550.4	534.4	546.9	575.7	546.2
Age-Adjusted Rate	807.6	759.0	778.8	742.9	741.7	781.0	760.6
Cardiovascular Disease							
Number	648	788	802	839	846	904	836
Age-Adjusted Rate	298.9	264.9	256.8	255.3	247.1	257.5	256.1
Heart Disease							
Number	520	602	622	592	565	627	602
Age-Adjusted Rate	237.3	200.5	198.1	178.3	162.3	175.6	182.1

(Continued)

** 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, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Cerebrovascular Disease							
Number	116	169	168	155	177	168	167
Age-Adjusted Rate	55.2	58.3	54.6	48.2	53.1	49.4	52.6
Malignant Neoplasms							
Number	484	545	617	602	589	661	603
Age-Adjusted Rate	185.7	167.1	177.4	166.9	156.3	174.2	168.3
Lung Cancer							
Number	109	127	136	134	145	175	143
Age-Adjusted Rate	42.1	39.9	40.2	38.5	39.9	47.0	41.2
Breast Cancer							
Number	60	40	48	62	58	41	50
Age-Adjusted Rate	21.6	10.5	13.1	16.4	14.0	9.7	12.7
Total Unintentional Injuries							
Number	81	132	142	119	162	168	145
Age-Adjusted Rate	23.8	34.1	35.4	29.3	36.1	37.4	34.4
Motor Vehicle							
Number	42	54	58	34	69	64	56
Age-Adjusted Rate	10.9	12.5	12.7	7.4	14.7	12.9	12.0
Other Unintentional Injuries							
Number	39	78	84	85	93	104	89
Age-Adjusted Rate	12.9	21.6	22.7	21.9	21.4	24.5	22.4
Chronic Lower Respiratory Diseases							
Number	136	114	157	151	173	157	150
Age-Adjusted Rate	59.4	38.7	49.0	46.0	50.5	45.1	46.0
Suicide							
Number	57	55	59	62	53	88	63
Age-Adjusted Rate	14.3	13.1	12.8	13.4	10.8	17.8	13.6
Homicide and Legal Intervention							
Number	15	16	22	19	18	20	19
Age-Adjusted Rate	3.6	3.3	4.7	3.8	3.6	4.0	3.9
Work-Related Injury							
Number	12	8	5	3	8	9	7
Age-Adjusted Rate	2.8	1.6	1.0	0.6	1.4	1.7	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, 2001

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	2,889	100.0	2,523	100.0	137	100.0	161	100.0	62	100.0	6	100.0
Cardiovascular Disease	904	31.3	805	31.9	34	24.8	46	28.6	18	29.0	*	*
Heart Disease	627	21.7	564	22.4	25	18.2	27	16.8	11	17.7	0	0.0
Cerebrovascular Disease	168	5.8	144	5.7	7	5.1	12	7.5	5	8.1	0	0.0
Atherosclerosis	65	2.2	62	2.5	0	0.0	*	*	*	*	*	*
Malignant Neoplasms	661	22.9	585	23.2	25	18.2	33	20.5	18	29.0	0	0.0
Lung Cancer	175	6.1	158	6.3	5	3.6	7	4.3	5	8.1	0	0.0
Breast Cancer	41	1.4	38	1.5	*	*	*	*	0	0.0	0	0.0
Chronic Lower Respiratory Disease	157	5.4	147	5.8	5	3.6	*	*	*	*	*	*
Unintentional Injuries	168	5.8	129	5.1	21	15.3	14	8.7	4	6.5	0	0.0
Motor Vehicle	64	2.2	40	1.6	14	10.2	7	4.3	3	4.8	0	0.0
Other Unintentional Injuries	104	3.6	89	3.5	7	5.1	7	4.3	*	*	0	0.0
Pneumonia and Influenza	56	1.9	54	2.1	*	*	0	0.0	*	*	0	0.0
Suicide	88	3.0	70	2.8	7	5.1	9	5.6	*	*	0	0.0
Diabetes Mellitus	61	2.1	46	1.8	8	5.8	5	3.1	*	*	0	0.0
HIV Infection	9	0.3	6	0.2	*	*	*	*	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	34	1.2	31	1.2	*	*	*	*	0	0.0	0	0.0
Alzheimer's Disease	128	4.4	125	5.0	0	0.0	3	1.9	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	32	1.1	24	1.0	*	*	5	3.1	*	*	0	0.0
Homicide and Legal Intervention	20	0.7	10	0.4	5	3.6	5	3.1	0	0.0	0	0.0
Septicemia	28	1.0	25	1.0	*	*	*	*	*	*	0	0.0
Congenital Anomalies	12	0.4	7	0.3	*	*	*	*	*	*	0	0.0
Perinatal Period Conditions	20	0.7	8	0.3	5	3.6	6	3.7	*	*	0	0.0
All Other	511	17.7	451	17.9	18	13.1	27	16.8	11	17.7	4	66.7
Injury by Firearm	68	2.4	55	2.2	3	2.2	9	5.6	*	*	0	0.0
Drug-Induced Deaths	52	1.8	41	1.6	5	3.6	5	3.1	*	*	0	0.0
Alcohol-Induced Deaths	49	1.7	43	1.7	3	2.2	*	*	0	0.0	*	*
Work-Related Injury (Y/N Check Death Certificate)	9	0.3	8	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 rates with 95% confidence limits: Arapahoe county residents, 2001

Age Group	Deaths	Population	Age-Specific Death Rate	Lower Limit	Upper Limit
All Ages	2,889	501,847	5.8	5.5	6.0
Infant	34	7,334	4.6	3.0	6.3
Neonatal	26	7,334	3.5	2.1	5.0
1-4	14	27,690	0.5	0.2	0.8
5-9	3	36,329	0.1	0.0	0.2
10-14	8	38,579	0.2	0.1	0.4
15-19	23	36,698	0.6	0.4	0.9
20-24	26	30,130	0.9	0.5	1.2
25-29	26	37,041	0.7	0.4	1.0
30-34	47	38,870	1.2	0.9	1.6
35-39	64	41,287	1.6	1.2	1.9
40-44	84	44,690	1.9	1.5	2.3
45-49	111	41,985	2.6	2.1	3.1
50-54	130	36,694	3.5	2.9	4.2
55-59	143	24,495	5.8	4.9	6.8
60-64	135	16,753	8.1	6.7	9.4
65-69	180	12,640	14.2	12.1	16.3
70-74	262	10,662	24.6	21.6	27.6
75-79	386	9,086	42.5	38.3	46.7
80-84	444	5,951	74.6	67.8	81.4
85+	769	4,854	158.4	148.1	168.8
1-14	25	102,598	0.2	0.1	0.3
15-24	49	66,828	0.7	0.5	0.9
25-64	740	281,815	2.6	2.4	2.8
65+	2,041	43,193	47.3	45.2	49.3

** 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, 2001

Cause of Death	<1		1-14		15-25		25-44		45-64		65+	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Causes	34	4.6	25	0.2	49	0.7	221	1.4	519	4.3	2,041	47.3
Cardiovascular Disease	0	0.0	*	*	*	*	32	0.2	124	1.0	744	17.2
Heart Disease	0	0.0	*	*	*	*	27	0.2	103	0.9	493	11.4
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	17	0.1	149	3.4
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	65	1.5
Malignant Neoplasms	*	*	*	*	*	*	30	0.2	179	1.5	447	10.3
Lung Cancer	0	0.0	0	0.0	0	0.0	4	0.0	46	0.4	125	2.9
Breast Cancer	0	0.0	0	0.0	0	0.0	4	0.0	19	0.2	18	0.4
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	*	*	18	0.2	137	3.2
Unintentional Injuries	0	0.0	7	0.1	19	0.3	62	0.4	32	0.3	48	1.1
Motor Vehicle	0	0.0	4	0.0	16	0.2	25	0.2	13	0.1	6	0.1
Other Unintentional Injuries	0	0.0	3	0.0	3	0.0	37	0.2	19	0.2	42	1.0
Pneumonia and Influenza	0	0.0	0	0.0	*	*	*	*	3	0.0	49	1.1
Suicide	0	0.0	0	0.0	11	0.2	42	0.3	23	0.2	12	0.3
Diabetes Mellitus	0	0.0	*	*	0	0.0	*	*	14	0.1	45	1.0
HIV Infection	0	0.0	0	0.0	*	*	6	0.0	*	*	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	6	0.0	24	0.2	4	0.1
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	128	3.0
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	*	*	7	0.1	24	0.6
Homicide and Legal Intervention	0	0.0	4	0.0	7	0.1	7	0.0	*	*	*	*
Septicemia	0	0.0	0	0.0	0	0.0	3	0.0	6	0.1	19	0.4
Congenital Anomalies	8	1.1	*	*	0	0.0	0	0.0	*	*	*	*
Perinatal Period Conditions	19	2.6	*	*	0	0.0	0	0.0	0	0.0	0	0.0
All Other	6	0.8	6	0.1	5	0.1	27	0.2	85	0.7	382	8.8
Injury by Firearm	0	0.0	*	*	14	0.2	26	0.2	18	0.2	8	0.2
Drug-Induced Deaths	0	0.0	0	0.0	3	0.0	34	0.2	14	0.1	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	10	0.1	31	0.3	8	0.2
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	*	*	6	0.0	*	*	0	0.0

** indicates one or two events in the category.*

Crude death rates are calculated without age adjustment.

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, 2001**

	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
Cause of Death					
All Causes	2,889	575.7	781.0	753.2	808.9
Cardiovascular Disease	904	180.1	257.5	240.8	274.2
Heart Disease	627	124.9	175.6	161.8	189.4
Cerebrovascular Disease	168	33.5	49.4	41.9	56.9
Atherosclerosis	65	13.0	20.0	15.1	24.8
Malignant Neoplasms	661	131.7	174.2	160.7	187.6
Lung Cancer	175	34.9	47.0	39.9	54.0
Breast Cancer	41	8.2	9.7	6.7	12.8
Chronic Lower Respiratory Diseases	157	31.3	45.1	38.0	52.2
Unintentional Injuries	168	33.5	37.4	31.5	43.2
Motor Vehicle	64	12.8	12.9	9.7	16.1
Other Unintentional Injuries	101	20.1	24.0	19.1	28.8
Pneumonia and Influenza	56	11.2	16.6	12.2	21.0
Suicide	88	17.5	17.8	14.0	21.6
Diabetes Mellitus	61	12.2	16.5	12.3	20.7
HIV Infection	9	1.8	1.7	0.0	0.1
Chronic Liver Disease and Cirrhosis	34	6.8	6.8	4.5	9.2
Alzheimer's Disease	128	25.5	39.7	32.8	46.5
Nephritis, Nephrosis, Nephrotic Syndrome	32	6.4	8.8	5.7	11.9
Homicide and Legal Intervention	20	4.0	4.0	2.2	5.8
Septicemia	28	5.6	7.6	4.7	10.4
Congenital Anomalies	12	2.4	2.4	1.0	3.8
Perinatal Period Conditions	20	4.0	3.7	2.1	5.4
All Other	511	101.8	141.3	128.9	153.6
Injury by Firearm	68	13.5	13.7	10.4	17.0
Drug-Induced Deaths	52	10.4	9.8	7.2	12.5
Alcohol-Induced Deaths	49	9.8	10.0	7.1	12.8
Work-Related Injury (Y/N Check Death Certificate)	9	1.8	1.7	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.