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Arapahoe County Births and Deaths 2000

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Selected birth characteristics with 95% confidence limit: Arapahoe County residents, 2000

CHARACTERISTIC	NUMBER	PERCENT	LOWER LIMIT	UPPER LIMIT
Total Live Births	7,164	100.0	100.0	100.0
Age of Mother				
10-17	232	3.2	2.8	3.7
18-19	486	6.8	6.2	7.4
20-29	3,594	50.2	49.0	51.3
30+	2,852	39.8	38.7	41.0
Low Weight Births (<2,500 Grams)	622	8.7	8.0	9.3
Very Low Weight Births (<1,500 Grams)	91	1.3	1.0	1.5
Prenatal Care Later than 1st Trimester	1,105	15.7	14.8	16.5
No Prenatal Care	69	1.0	0.7	1.2
Preterm Births (<37 Weeks)	652	9.1	8.4	9.8
Education of Mother <12 Years	1,152	16.2	15.4	17.1
Births to Unmarried Women	1,578	22.0	21.1	23.0
Smoking During Pregnancy	621	8.7	8.0	9.4

*Fewer than three 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 the technical notes of Colorado Vital Statistics Annual Report for definitions of data items and explanation of confidence limits. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Selected birth characteristics by age group of mother: Arapahoe County residents, 2000

CHARACTERISTIC	ALL AGES		10-17		18-19		20-29		30+	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	7,164	100.0	232	100.0	486	100.0	3,594	100.0	2,852	100.0
Race/Ethnicity of Mother										
White/Non-Hispanic	4,494	62.7	83	35.8	228	46.9	2,078	57.8	2,105	73.9
White/Hispanic	1,535	21.4	92	39.7	159	32.7	927	25.8	357	12.5
Black	737	10.3	47	20.3	93	19.1	397	11.0	200	7.0
Other	396	5.5	10	4.3	6	1.2	192	5.3	188	6.6
Low Weight Births (<2,500 Grams)	622	8.7	21	9.1	54	11.1	286	8.0	261	9.2
Very Low Weight Births (<1,500 Grams)	91	1.3	6	2.6	13	2.7	42	1.2	30	1.1
Prenatal Care Started after 1st Trimester	1,105	15.7	88	38.3	144	30.3	619	17.5	254	9.1
No Prenatal Care	69	1.0	4	1.7	7	1.5	39	1.1	19	0.7
Preterm Births (<37 Weeks)	652	9.1	24	10.3	46	9.5	313	8.7	269	9.4
Education of Mother <12 Years	1,152	16.2	189	82.2	182	37.8	618	17.4	163	5.8
Births to Unmarried Women	1,578	22.0	187	80.6	313	64.4	855	23.8	223	7.8
Smoking During Pregnancy	621	8.7	27	11.6	74	15.4	350	9.8	170	6.0

*Fewer than three 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 the technical notes of Colorado Vital Statistics Annual Report for definition of data items and explanation of confidence limits. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Selected birth characteristics by race/ethnicity of mother: Arapahoe County residents, 2000

CHARACTERISTIC	WHITE/ NON-HISPANIC		WHITE /HISPANIC		BLACK		ASIAN		AMERICAN INDIAN	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	4,494	100.0	1,535	100.0	737	100.0	341	100.0	55	100.0
Age of Mother										
10-17	83	1.8	92	6.0	47	6.4	6	1.8	4	7.3
18-19	228	5.1	159	10.4	93	12.6	5	1.5	*	*
20-29	2,078	46.2	927	60.4	397	53.9	153	44.9	39	70.9
30+	2,105	46.8	357	23.3	200	27.1	177	51.9	11	20.0
Low Weight Births (<2,500 Grams)	359	8.0	124	8.1	104	14.1	32	9.4	3	5.5
Very Low Weight Births (<1,500 Grams)	44	1.0	15	1.0	23	3.1	8	2.3	*	*
Prenatal Care Later than 1st Trimester	366	8.3	497	33.1	165	22.9	62	18.7	14	25.5
No Prenatal Care	15	0.3	33	2.2	14	1.9	3	0.9	4	7.3
Preterm Births (<37 Weeks)	378	8.4	131	8.5	102	13.8	37	10.9	4	7.3
Education of Mother <12 Years	288	6.5	720	47.4	102	14.2	27	7.9	15	27.8
Live Births to Unmarried Women	693	15.4	490	31.9	344	46.7	29	8.5	22	40.0
Mother Smoking During Pregnancy	486	10.9	59	3.9	54	7.4	9	2.6	13	23.6

*Fewer than three events in the category. Sums may not add to total due to cases with age or race/ethnicity of mother unknown or not presented. Percentages are of total births of each race/ethnicity group, excluding cases with specific characteristics unknown. Prepared by 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, 2000

	BIRTHS	POPULATION	FERTILITY RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	7,164	112,860	63.5	62.0	64.9
TEENAGE GROUP					
13-14	11	7,466	1.5	0.5	2.4
15-17	221	10,915	20.2	17.6	22.9
18-19	486	5,614	86.6	79.1	94.0
10-17	232	29,483	7.9	6.8	8.9
10-19	718	35,097	20.5	19.0	22.0
ALL AGE GROUPS					
10-14	11	18,568	0.6	0.2	1.0
15-19	707	16,529	42.8	39.7	45.9
20-24	1,600	14,986	106.8	101.8	111.7
25-29	1,994	18,628	107.0	102.6	111.5
30-34	1,801	18,564	97.0	92.7	101.3
35-39	845	21,364	39.6	36.9	42.2
40-49	205	43,840	4.7	4.0	5.3

*Fewer than three 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 aged 15-44. See the technical notes of Colorado Vital Statistics Annual Report for explanation of confidence limits. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Vital statistics summary: Arapahoe County residents, 1990, 1996-2000

	1990	1996	1997	1998	1999	2000	1996-2000 ANNUAL AVERAGE
TOTAL POPULATION	393,289	451,065	459,061	472,394	481,305	490,651	470,895
Total Births							
Number	6,163	6,115	6,175	6,595	6,779	7,164	6,566
Birth Rate	15.7	13.6	13.5	14.0	14.1	14.6	13.9
General Fertility Rate	59.5	55.7	56.0	59.0	60.4	63.5	58.9
Age of Mother 10-17							
Number	156	192	171	218	202	232	203
Percent of Total Births	2.5	3.1	2.8	3.3	3.0	3.2	3.1
Fertility Rate	7.1	7.3	6.3	7.8	7.0	7.9	7.3
Low Weight Births (<2,500 Grams)							
Number	485	585	571	608	566	620	590
Percent	7.9	9.6	9.2	9.2	8.3	8.7	9.0
Prenatal Care Later Than 1st Trimester							
Number	1,039	763	631	784	853	1,105	827
Percent	17.0	12.6	10.3	12.2	12.7	15.7	12.8
Births to Unmarried Women							
Number	999	1,327	1,265	1,498	1,445	1,578	1,423
Percent	16.2	21.7	20.5	22.7	21.3	22.0	21.7
Mother's Education <12 Years							
Number	602	710	729	857	1,047	1,152	899
Percent	9.9	11.8	12.0	13.4	15.6	16.2	13.9
Infant Deaths							
Number	39	41	44	51	48	52	47
Rate	6.3	6.7	7.1	7.7	7.1	7.3	7.2
Neonatal Deaths							
Number	24	28	29	40	34	37	34
Rate	3.9	4.6	4.7	6.1	5.0	5.2	5.1
Total Deaths							
Number	1,829	2,372	2,393	2,600	2,572	2,684	2,524
Crude Rate	465.1	525.9	521.3	550.4	534.4	547.0	536.0
Age-Adjusted Rate	792.9	788.5	759.0	779.2	742.9	741.8	761.0
Cardiovascular Disease							
Number	608	770	781	794	839	846	806
Age-Adjusted Rate	292.3	272.9	262.2	254.2	255.3	247.1	257.8
Heart Disease							
Number	493	610	602	622	592	565	598
Age-Adjusted Rate	229.9	214.2	200.5	198.1	178.3	162.3	189.4
Cerebrovascular Disease							
Number	109	154	169	168	155	177	165
Age-Adjusted Rate	59.2	56.5	58.3	54.6	48.2	53.1	54.0
Malignant Neoplasms							
Number	485	524	545	617	602	589	575
Age-Adjusted Rate	195.1	166.6	167.1	177.4	166.9	156.3	166.6
Lung Cancer							
Number	127	127	127	136	134	145	134
Age-Adjusted Rate	49.3	40.6	39.9	40.2	38.5	39.9	39.8
Breast Cancer							
Number	41	58	40	48	62	58	53
Age-Adjusted Rate	15.4	17.6	10.5	13.1	16.4	14.0	14.3
Total Unintentional Injuries							
Number	84	123	132	142	119	162	136
Age-Adjusted Rate	27.7	33.4	34.1	35.4	29.3	36.1	33.6
Motor Vehicle							
Number	43	44	54	58	34	69	52
Age-Adjusted Rate	12.6	10.5	12.5	12.7	7.4	14.7	11.6
Other Unintentional Injuries							
Number	41	79	78	84	85	93	84
Age-Adjusted Rate	15.1	22.9	21.6	22.7	21.9	21.4	22.0
Chronic Lower Respiratory Diseases							
Number	104	140	114	157	151	173	147
Age-Adjusted Rate	47.8	49.9	38.7	49.0	46.0	50.6	46.9
Suicide							
Number	56	69	55	59	62	53	60
Age-Adjusted Rate	14.8	16.4	13.1	12.8	13.4	10.8	13.2
Homicide and Legal Intervention							
Number	16	19	16	22	19	18	19
Age-Adjusted Rate	4.0	3.9	3.3	4.7	3.8	3.6	3.9
Work-Related Injury							
Number	6	10	8	5	3	8	7
Age-Adjusted Rate	1.7	2.1	1.6	1.0	0.6	1.4	1.3

*Fewer than three events in the category. Birth rates are per 1,000 total population. General fertility rates are births per 1,000 females aged 15-44. Fertility rates for mothers age 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. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths from selected causes by race/ethnicity: Arapahoe County residents, 2000

CAUSE OF DEATH (ICD-10)	ALL RACES		WHITE/ NON-HISPANIC		WHITE /HISPANIC		BLACK		ASIAN		AMERICAN INDIAN	
	N	%	N	%	N	%	N	%	N	%	N	%
	TOTAL	2,684	100.0	2,383	100.0	115	100.0	124	100.0	52	100.0	8
Cardiovascular Disease	846	31.5	773	32.4	28	24.3	28	22.6	15	28.8	*	*
Heart Disease	565	21.1	522	21.9	17	14.8	19	15.3	6	11.5	*	*
Cerebrovascular Disease	177	6.6	154	6.5	8	7.0	9	7.3	5	9.6	*	*
Atherosclerosis	61	2.3	58	2.4	*	*	*	*	*	*	*	*
Malignant Neoplasms	589	21.9	532	22.3	20	17.4	25	20.2	11	21.2	*	*
Lung Cancer	145	5.4	135	5.7	*	*	4	3.2	4	7.7	*	*
Breast Cancer	58	2.2	51	2.1	*	*	3	2.4	*	*	*	*
Chronic Lower Respiratory Disease	173	6.4	163	6.8	*	*	8	6.5	*	*	*	*
Unintentional Injuries	162	6.0	118	5.0	22	19.1	13	10.5	6	11.5	3	37.5
Motor Vehicle	69	2.6	48	2.0	11	9.6	6	4.8	*	*	*	*
Other Unintentional Injuries	93	3.5	70	2.9	11	9.6	7	5.6	4	7.7	*	*
Pneumonia and Influenza	53	2.0	50	2.1	*	*	*	*	*	*	*	*
Suicide	53	2.0	41	1.7	5	4.3	4	3.2	*	*	*	*
Diabetes Mellitus	47	1.8	40	1.7	*	*	4	3.2	*	*	*	*
HIV Infection	8	0.3	7	0.3	*	*	*	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	46	1.7	38	1.6	5	4.3	*	*	*	*	*	*
Alzheimer's Disease	96	3.6	92	3.9	*	*	*	*	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	29	1.1	27	1.1	*	*	*	*	*	*	*	*
Homicide and Legal Intervention	18	0.7	8	0.3	5	4.3	4	3.2	*	*	*	*
Septicemia	28	1.0	25	1.0	*	*	*	*	*	*	*	*
Congenital Anomalies	20	0.7	13	0.5	4	3.5	3	2.4	*	*	*	*
Perinatal Period Conditions	31	1.2	15	0.6	4	3.5	11	8.9	*	*	*	*
All Other	485	18.1	441	18.5	14	12.2	18	14.5	10	19.2	*	*
Injury by Firearm	40	1.5	30	1.3	3	2.6	5	4.0	*	*	*	*
Drug-Induced Deaths	43	1.6	32	1.3	7	6.1	3	2.4	*	*	*	*
Alcohol-Induced Deaths	35	1.3	30	1.3	*	*	3	2.4	*	*	*	*
Work-Related Injury	8	0.3	4	0.2	3	2.6	*	*	*	*	*	*

*Fewer than three events in the category. Percentages are of total deaths of each race/ethnicity category. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths and crude death rates with 95% confidence limits by age group: Arapahoe County residents, 2000

AGE GROUP	DEATHS	POPULATION	AGE-SPECIFIC DEATH RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	2,684	490,651	5.5	5.3	5.7
INFANT	52	7,164	7.3	5.2	9.3
NEONATAL	37	7,164	5.2	3.4	6.9
1-4	7	27,100	0.3	0.0	0.5
5-9	*	36,479	*	*	*
10-14	7	38,230	0.2	0.0	0.3
15-19	14	34,280	0.4	0.2	0.6
20-24	35	30,227	1.2	0.8	1.6
25-29	34	37,709	0.9	0.6	1.2
30-34	36	37,737	1.0	0.6	1.3
35-39	60	42,179	1.4	1.1	1.8
40-44	71	44,136	1.6	1.2	2.0
45-49	86	40,816	2.1	1.6	2.6
50-54	117	34,502	3.4	2.8	4.0
55-59	118	22,530	5.2	4.3	6.2
60-64	148	15,747	9.4	7.9	10.9
65-69	198	12,210	16.2	13.9	18.5
70-74	256	10,580	24.2	21.2	27.2
75-79	344	9,084	37.9	33.9	41.8
80-84	409	5,593	73.1	66.2	80.0
85+	691	4,835	142.9	132.9	152.9
1-14	15	101,809	0.1	0.1	0.2
15-24	49	64,507	0.8	0.5	1.0
25-64	670	275,356	2.4	2.2	2.6
65+	1,898	42,302	44.9	42.9	46.9

*Fewer than three 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. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths and crude death rates from selected causes by age group: Arapahoe County residents, 2000

CAUSE OF DEATH (ICD-10)	<1		1-14		15-24		25-44		45-64		65+	
	N	RATE	N	RATE	N	RATE	N	RATE	N	RATE	N	RATE
TOTAL	52	7.3	15	0.1	49	0.8	201	1.2	469	4.1	1,898	44.9
Cardiovascular Disease	*	*	*	*	*	*	23	0.1	112	1.0	707	16.7
Heart Disease	*	*	*	*	*	*	17	0.1	95	0.8	450	10.6
Cerebrovascular Disease	*	*	*	*	*	*	4	0.0	13	0.1	159	3.8
Atherosclerosis	*	*	*	*	*	*	*	*	*	*	59	1.4
Malignant Neoplasms	*	*	*	*	3	0.0	34	0.2	185	1.6	365	8.6
Lung Cancer	*	*	*	*	*	*	3	0.0	37	0.3	105	2.5
Breast Cancer	*	*	*	*	*	*	5	0.0	29	0.3	24	0.6
Chronic Lower Respiratory Diseases	*	*	*	*	*	*	*	*	19	0.2	152	3.6
Unintentional Injuries	*	*	5	0.0	27	0.4	57	0.4	30	0.3	41	1.0
Motor Vehicle	*	*	4	0.0	23	0.4	21	0.1	11	0.1	9	0.2
Other Unintentional Injuries	*	*	*	*	4	0.1	36	0.2	19	0.2	32	0.8
Pneumonia and Influenza	*	*	*	*	*	*	5	0.0	5	0.0	43	1.0
Suicide	*	*	*	*	9	0.1	23	0.1	15	0.1	6	0.1
Diabetes Mellitus	*	*	*	*	*	*	3	0.0	10	0.1	33	0.8
HIV Infection	*	*	*	*	*	*	5	0.0	3	0.0	*	*
Chronic Liver Disease and Cirrhosis	*	*	*	*	*	*	12	0.1	12	0.1	22	0.5
Alzheimer's Disease	*	*	*	*	*	*	*	*	*	*	96	2.3
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*	*	*	*	3	0.0	25	0.6
Homicide and Legal Intervention	*	*	*	*	4	0.1	7	0.0	*	*	*	*
Septicemia	*	*	*	*	*	*	*	*	9	0.1	16	0.4
Congenital Anomalies	8	1.1	*	*	*	*	3	0.0	*	*	5	0.1
Perinatal Period Conditions	31	4.3	*	*	*	*	*	*	*	*	*	*
All Other	7	1.0	*	*	4	0.1	24	0.1	62	0.5	386	9.1
Injury by Firearm	*	*	*	*	7	0.1	19	0.1	9	0.1	4	0.1
Drug-Induced Deaths	*	*	*	*	*	*	25	0.2	14	0.1	*	*
Alcohol-Induced Deaths	*	*	*	*	*	*	9	0.1	9	0.1	17	0.4
Work-Related Injury	*	*	*	*	*	*	7	0.0	*	*	*	*

*Fewer than three 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. Prepared by 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, 2000

CAUSE OF DEATH (ICD-10)	DEATHS	CRUDE RATE	AGE-ADJUSTED DEATH RATE		
			RATE	LOWER LIMIT	UPPER LIMIT
TOTAL	2,684	547.0	741.8	714.2	769.3
Cardiovascular Disease	846	172.4	247.1	230.6	263.6
Heart Disease	565	115.2	162.3	148.9	175.7
Cerebrovascular Disease	177	36.1	53.1	45.2	60.9
Atherosclerosis	61	12.4	18.9	14.1	23.6
Malignant Neoplasms	589	120.0	156.3	143.5	169.1
Lung Cancer	145	29.6	39.9	33.3	46.4
Breast Cancer	58	11.8	14.0	10.3	17.7
Chronic Lower Respiratory Diseases	173	35.3	50.6	43.0	58.1
Unintentional Injuries	162	33.0	36.1	30.4	41.8
Motor Vehicle	69	14.1	14.7	11.2	18.2
Other Unintentional Injuries	93	19.0	21.4	16.9	25.9
Pneumonia and Influenza	53	10.8	15.5	11.2	19.7
Suicide	53	10.8	10.8	7.8	13.8
Diabetes Mellitus	47	9.6	12.9	9.1	16.6
HIV Infection	8	1.6	1.5	0.5	2.6
Chronic Liver Disease and Cirrhosis	46	9.4	11.1	7.8	14.4
Alzheimer's Disease	96	19.6	30.0	24.1	36.0
Nephritis, Nephrosis, Nephrotic Syndrome	29	5.9	8.6	5.4	11.7
Homicide and Legal Intervention	18	3.7	3.6	1.9	5.3
Septicemia	28	5.7	7.3	4.5	10.0
Congenital Anomalies	20	4.1	4.5	2.5	6.5
Perinatal Period Conditions	31	6.3	6.4	4.2	8.7
All Other	485	98.8	139.5	127.1	152.0
Injury by Firearm	40	8.2	8.1	5.6	10.7
Drug-Induced Deaths	43	8.8	8.2	5.7	10.7
Alcohol-Induced Deaths	35	7.1	8.4	5.6	11.3
Work-Related Injury	8	1.6	1.4	0.4	2.4

*Fewer than three 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. Prepared by Health Statistics Section, Colorado Department of Public Health and Environment.