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## Denver County Births and Deaths 2000

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

CHARACTERISTIC	NUMBER	PERCENT	LOWER LIMIT	UPPER LIMIT
Total Live Births	10,988	100.0	100.0	100.0
Age of Mother				
10-17	653	5.9	5.5	6.4
18-19	952	8.7	8.1	9.2
20-29	5,843	53.2	52.3	54.1
30+	3,534	32.2	31.3	33.1
Low Weight Births (<2,500 Grams)	1,048	9.5	9.0	10.1
Very Low Weight Births (<1,500 Grams)	179	1.6	1.4	1.9
Prenatal Care Later than 1st Trimester	2,962	27.6	26.7	28.4
No Prenatal Care	192	1.8	1.5	2.0
Preterm Births (<37 Weeks)	1,058	9.6	9.1	10.2
Education of Mother <12 Years	4,078	37.7	36.8	38.6
Births to Unmarried Women	3,733	34.0	33.1	34.9
Smoking During Pregnancy	971	8.9	8.4	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: Denver County residents, 2000

CHARACTERISTIC	ALL AGES		10-17		18-19		20-29		30+	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	10,988	100.0	653	100.0	952	100.0	5,843	100.0	3,534	100.0
Race/Ethnicity of Mother										
White/Non-Hispanic	3,799	34.6	66	10.1	170	17.9	1,613	27.6	1,949	55.2
White/Hispanic	5,481	49.9	472	72.4	601	63.1	3,283	56.2	1,122	31.8
Black	1,180	10.7	86	13.2	148	15.5	665	11.4	281	8.0
Other	522	4.8	28	4.3	33	3.5	281	4.8	180	5.1
Low Weight Births (<2,500 Grams)	1,048	9.5	65	10.0	99	10.4	519	8.9	365	10.3
Very Low Weight Births (<1,500 Grams)	179	1.6	12	1.8	21	2.2	84	1.4	62	1.8
Prenatal Care Started after 1st Trimester	2,962	27.6	288	45.2	338	36.5	1,739	30.3	596	17.3
No Prenatal Care	192	1.8	19	3.0	26	2.8	103	1.8	43	1.2
Preterm Births (<37 Weeks)	1,058	9.6	69	10.6	103	10.8	513	8.8	373	10.6
Education of Mother <12 Years	4,078	37.7	587	92.4	553	59.3	2,186	38.0	751	21.5
Births to Unmarried Women	3,733	34.0	556	85.1	624	65.5	2,011	34.4	539	15.3
Smoking During Pregnancy	971	8.9	62	9.5	110	11.6	524	9.0	274	7.8

\*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: Denver County residents, 2000

CHARACTERISTIC	WHITE/ NON-HISPANIC		WHITE /HISPANIC		BLACK		ASIAN		AMERICAN INDIAN	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	3,799	100.0	5,481	100.0	1,180	100.0	393	100.0	128	100.0
Age of Mother										
10-17	66	1.7	472	8.6	86	7.3	13	3.3	15	11.7
18-19	170	4.5	601	11.0	148	12.5	17	4.3	15	11.7
20-29	1,613	42.5	3,283	59.9	665	56.4	213	54.2	68	53.1
30+	1,949	51.3	1,122	20.5	281	23.8	150	38.2	30	23.4
Low Weight Births (<2,500 Grams)	331	8.7	445	8.1	203	17.2	49	12.5	20	15.6
Very Low Weight Births (<1,500 Grams)	57	1.5	62	1.1	51	4.3	7	1.8	*	*
Prenatal Care Later than 1st Trimester	374	10.1	2,165	40.2	305	26.6	68	17.7	49	40.2
No Prenatal Care	25	0.7	121	2.2	38	3.3	3	0.8	5	4.1
Preterm Births (<37 Weeks)	360	9.5	463	8.5	183	15.5	33	8.4	19	14.8
Education of Mother <12 Years	365	9.7	3,327	61.5	288	25.0	49	12.9	49	38.9
Live Births to Unmarried Women	778	20.5	2,143	39.1	677	57.4	59	15.0	71	55.5
Mother Smoking During Pregnancy	430	11.4	317	5.8	180	15.3	10	2.6	34	27.6

\*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: Denver County residents, 2000

	BIRTHS	POPULATION	FERTILITY RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	10,988	130,752	84.0	82.5	85.5
TEENAGE GROUP					
13-14	31	5,953	5.2	3.3	7.1
15-17	622	8,757	71.0	65.6	76.5
18-19	952	6,720	141.7	133.3	150.1
10-17	653	24,062	27.1	25.1	29.2
10-19	1,605	30,782	52.1	49.6	54.6
ALL AGE GROUPS					
10-14	31	15,305	2.0	1.3	2.8
15-19	1,574	15,477	101.7	96.9	106.5
20-24	3,023	21,913	138.0	133.4	142.5
25-29	2,820	28,523	98.9	95.4	102.3
30-34	2,242	24,104	93.0	89.3	96.7
35-39	1,061	20,974	50.6	47.6	53.6
40-49	231	38,655	6.0	5.2	6.8

\*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: Denver County residents, 1990, 1996-2000

	1990	1996	1997	1998	1999	2000	1996-2000 ANNUAL AVERAGE
TOTAL POPULATION	467,856	518,253	527,438	533,407	545,514	557,679	536,458
Total Births							
Number	8,633	9,131	9,280	9,833	10,155	10,988	9,877
Birth Rate	18.5	17.6	17.6	18.4	18.6	19.7	18.4
General Fertility Rate	75.7	74.0	74.1	78.0	79.1	84.0	77.9
Age of Mother 10-17							
Number	531	586	642	615	651	653	629
Percent of Total Births	6.2	6.4	6.9	6.3	6.4	5.9	6.4
Fertility Rate	28.2	26.9	28.8	27.1	27.8	27.1	27.5
Low Weight Births (<2,500 Grams)							
Number	877	907	928	951	935	1,047	954
Percent	10.2	9.9	10.0	9.7	9.2	9.5	9.7
Prenatal Care Later Than 1st Trimester							
Number	2,360	2,287	2,170	2,268	2,649	2,962	2,467
Percent	27.5	25.4	23.6	23.3	26.5	27.6	25.3
Births to Unmarried Women							
Number	3,188	3,307	3,416	3,535	3,547	3,733	3,508
Percent	36.9	36.2	36.8	36.0	34.9	34.0	35.5
Mother's Education <12 Years							
Number	2,628	3,218	3,272	3,353	3,630	4,078	3,510
Percent	31.0	35.9	36.0	34.7	36.3	37.7	36.2
Infant Deaths							
Number	99	55	72	84	63	66	68
Rate	11.5	6.0	7.8	8.5	6.2	6.0	6.9
Neonatal Deaths							
Number	64	43	49	61	35	47	47
Rate	7.4	4.7	5.3	6.2	3.4	4.3	4.8
Total Deaths							
Number	4,389	4,914	4,692	4,753	4,668	4,557	4,717
Crude Rate	938.1	948.2	889.6	891.1	855.7	817.1	879.2
Age-Adjusted Rate	917.3	979.5	929.5	941.4	912.7	880.2	928.3
Cardiovascular Disease							
Number	1,542	1,547	1,504	1,481	1,554	1,499	1,517
Age-Adjusted Rate	320.1	309.8	298.8	294.4	304.8	290.9	299.7
Heart Disease							
Number	1,288	1,246	1,184	1,192	1,076	1,028	1,145
Age-Adjusted Rate	267.8	249.8	235.8	237.6	211.7	200.5	226.9
Cerebrovascular Disease							
Number	246	289	304	287	302	273	291
Age-Adjusted Rate	50.7	57.6	59.8	56.4	58.8	52.5	57.0
Malignant Neoplasms							
Number	942	984	968	955	927	931	953
Age-Adjusted Rate	201.9	201.0	196.1	194.4	186.1	185.6	192.6
Lung Cancer							
Number	222	226	222	211	215	210	217
Age-Adjusted Rate	47.5	46.5	45.2	43.5	44.0	42.9	44.4
Breast Cancer							
Number	95	67	85	83	73	75	77
Age-Adjusted Rate	20.6	13.8	17.3	17.2	14.6	14.7	15.5
Total Unintentional Injuries							
Number	168	252	251	265	285	305	272
Age-Adjusted Rate	34.5	47.8	47.1	50.4	53.5	55.5	51.0
Motor Vehicle							
Number	70	96	89	86	69	99	88
Age-Adjusted Rate	14.5	17.9	16.6	16.0	12.9	17.8	16.2
Other Unintentional Injuries							
Number	98	156	162	179	216	206	184
Age-Adjusted Rate	20.1	29.9	30.5	34.4	40.6	37.7	34.7
Chronic Lower Respiratory Diseases							
Number	251	289	269	287	319	283	289
Age-Adjusted Rate	51.6	58.2	54.1	57.6	63.7	55.9	57.9
Suicide							
Number	117	110	80	74	68	90	84
Age-Adjusted Rate	25.0	21.1	14.7	13.7	12.5	16.3	15.6
Homicide and Legal Intervention							
Number	55	62	62	51	53	36	53
Age-Adjusted Rate	11.1	11.5	11.7	8.8	9.0	6.3	9.4
Work-Related Injury							
Number	3	5	11	14	18	17	13
Age-Adjusted Rate	0.6	1.0	1.9	2.6	3.4	3.1	2.4

\*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: Denver 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	%
	<hr/>											
TOTAL	4,557	100.0	3,208	100.0	642	100.0	609	100.0	61	100.0	23	100.0
Cardiovascular Disease	1,499	32.9	1,106	34.5	161	25.1	204	33.5	20	32.8	5	21.7
Heart Disease	1,028	22.6	767	23.9	107	16.7	137	22.5	11	18.0	4	17.4
Cerebrovascular Disease	273	6.0	195	6.1	30	4.7	41	6.7	6	9.8	*	*
Atherosclerosis	128	2.8	100	3.1	16	2.5	10	1.6	*	*	*	*
Malignant Neoplasms	931	20.4	679	21.2	111	17.3	126	20.7	14	23.0	*	*
Lung Cancer	210	4.6	153	4.8	20	3.1	32	5.3	5	8.2	*	*
Breast Cancer	75	1.6	59	1.8	11	1.7	4	0.7	*	*	*	*
Chronic Lower Respiratory Disease	283	6.2	233	7.3	24	3.7	25	4.1	*	*	*	*
Unintentional Injuries	305	6.7	189	5.9	71	11.1	34	5.6	6	9.8	5	21.7
Motor Vehicle	99	2.2	48	1.5	40	6.2	9	1.5	*	*	*	*
Other Unintentional Injuries	206	4.5	141	4.4	31	4.8	25	4.1	4	6.6	5	21.7
Pneumonia and Influenza	95	2.1	72	2.2	12	1.9	10	1.6	*	*	*	*
Suicide	90	2.0	69	2.2	12	1.9	7	1.1	*	*	*	*
Diabetes Mellitus	99	2.2	49	1.5	29	4.5	20	3.3	*	*	*	*
HIV Infection	46	1.0	23	0.7	10	1.6	13	2.1	*	*	*	*
Chronic Liver Disease and Cirrhosis	68	1.5	31	1.0	29	4.5	7	1.1	*	*	*	*
Alzheimer's Disease	93	2.0	78	2.4	7	1.1	7	1.1	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	61	1.3	30	0.9	11	1.7	19	3.1	*	*	*	*
Homicide and Legal Intervention	36	0.8	8	0.2	12	1.9	13	2.1	3	4.9	*	*
Septicemia	44	1.0	25	0.8	6	0.9	10	1.6	3	4.9	*	*
Congenital Anomalies	18	0.4	7	0.2	7	1.1	4	0.7	*	*	*	*
Perinatal Period Conditions	37	0.8	6	0.2	12	1.9	15	2.5	*	*	*	*
All Other	852	18.7	603	18.8	128	19.9	95	15.6	9	14.8	8	34.8
Injury by Firearm	74	1.6	46	1.4	8	1.2	16	2.6	3	4.9	*	*
Drug-Induced Deaths	89	2.0	57	1.8	16	2.5	14	2.3	*	*	*	*
Alcohol-Induced Deaths	109	2.4	61	1.9	34	5.3	10	1.6	*	*	4	17.4
Work-Related Injury	17	0.4	7	0.2	6	0.9	3	0.5	*	*	*	*

\*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: Denver County residents, 2000**

AGE GROUP	DEATHS	POPULATION	AGE-SPECIFIC DEATH RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	4,557	557,679	8.2	7.9	8.4
INFANT	66	10,988	6.0	4.5	7.5
NEONATAL	47	10,988	4.3	3.0	5.5
1-4	7	29,524	0.2	0.0	0.4
5-9	3	34,652	0.1	0.0	0.2
10-14	10	31,547	0.3	0.1	0.5
15-19	23	32,471	0.7	0.4	1.0
20-24	41	45,895	0.9	0.6	1.2
25-29	51	61,182	0.8	0.6	1.1
30-34	50	53,120	0.9	0.7	1.2
35-39	106	45,512	2.3	1.9	2.8
40-44	149	41,264	3.6	3.0	4.2
45-49	200	38,455	5.2	4.5	5.9
50-54	199	33,458	5.9	5.1	6.8
55-59	192	22,717	8.5	7.2	9.7
60-64	218	17,127	12.7	11.0	14.4
65-69	320	15,204	21.0	18.7	23.4
70-74	425	15,316	27.7	25.1	30.4
75-79	605	14,084	43.0	39.6	46.3
80-84	659	9,364	70.4	65.1	75.6
85+	1,232	8,443	145.9	138.3	153.5
1-14	20	95,723	0.2	0.1	0.3
15-24	64	78,366	0.8	0.6	1.0
25-64	1,165	312,835	3.7	3.5	3.9
65+	3,241	62,411	51.9	50.2	53.7

\*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: Denver 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	66	6.0	20	0.2	64	0.8	356	1.8	809	7.2	3,241	51.9
Cardiovascular Disease	*	*	*	*	*	*	27	0.1	190	1.7	1,279	20.5
Heart Disease	*	*	*	*	*	*	21	0.1	152	1.4	854	13.7
Cerebrovascular Disease	*	*	*	*	*	*	4	0.0	29	0.3	238	3.8
Atherosclerosis	*	*	*	*	*	*	*	*	3	0.0	124	2.0
Malignant Neoplasms	*	*	4	0.0	5	0.1	35	0.2	207	1.9	680	10.9
Lung Cancer	*	*	*	*	*	*	*	*	60	0.5	148	2.4
Breast Cancer	*	*	*	*	*	*	5	0.0	18	0.2	52	0.8
Chronic Lower Respiratory Diseases	*	*	*	*	*	*	6	0.0	40	0.4	237	3.8
Unintentional Injuries	*	*	3	0.0	23	0.3	105	0.5	77	0.7	96	1.5
Motor Vehicle	*	*	3	0.0	18	0.2	34	0.2	29	0.3	15	0.2
Other Unintentional Injuries	*	*	*	*	5	0.1	71	0.4	48	0.4	81	1.3
Pneumonia and Influenza	*	*	*	*	*	*	4	0.0	9	0.1	82	1.3
Suicide	*	*	3	0.0	13	0.2	32	0.2	25	0.2	17	0.3
Diabetes Mellitus	*	*	*	*	*	*	5	0.0	21	0.2	72	1.2
HIV Infection	*	*	*	*	*	*	25	0.1	19	0.2	*	*
Chronic Liver Disease and Cirrhosis	*	*	*	*	*	*	21	0.1	29	0.3	18	0.3
Alzheimer's Disease	*	*	*	*	*	*	*	*	*	*	91	1.5
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*	*	*	*	7	0.1	53	0.8
Homicide and Legal Intervention	*	*	*	*	8	0.1	20	0.1	5	0.0	3	0.0
Septicemia	*	*	*	*	*	*	*	*	12	0.1	30	0.5
Congenital Anomalies	10	0.9	*	*	*	*	3	0.0	*	*	*	*
Perinatal Period Conditions	36	3.3	*	*	*	*	*	*	*	*	*	*
All Other	17	1.5	8	0.1	10	0.1	72	0.4	164	1.5	580	9.3
Injury by Firearm	*	*	*	*	14	0.2	31	0.2	15	0.1	14	0.2
Drug-Induced Deaths	*	*	*	*	*	*	53	0.3	25	0.2	8	0.1
Alcohol-Induced Deaths	*	*	*	*	*	*	44	0.2	51	0.5	14	0.2
Work-Related Injury	*	*	*	*	*	*	7	0.0	8	0.1	*	*

\*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: Denver County residents, 2000**

CAUSE OF DEATH (ICD-10)	DEATHS	CRUDE RATE	AGE-ADJUSTED DEATH RATE		
			RATE	LOWER LIMIT	UPPER LIMIT
TOTAL	4,557	817.1	880.2	855.3	905.1
Cardiovascular Disease	1,499	268.8	290.9	276.3	305.4
Heart Disease	1,028	184.3	200.5	188.3	212.7
Cerebrovascular Disease	273	49.0	52.5	46.3	58.7
Atherosclerosis	128	23.0	24.3	20.1	28.5
Malignant Neoplasms	931	166.9	185.6	173.7	197.5
Lung Cancer	210	37.7	42.9	37.1	48.7
Breast Cancer	75	13.4	14.7	11.4	18.1
Chronic Lower Respiratory Diseases	283	50.7	55.9	49.4	62.4
Unintentional Injuries	305	54.7	55.5	49.2	61.8
Motor Vehicle	99	17.8	17.8	14.2	21.3
Other Unintentional Injuries	206	36.9	37.7	32.5	42.9
Pneumonia and Influenza	95	17.0	18.1	14.5	21.8
Suicide	90	16.1	16.3	12.8	19.7
Diabetes Mellitus	99	17.8	19.7	15.8	23.6
HIV Infection	46	8.2	8.4	5.9	10.8
Chronic Liver Disease and Cirrhosis	68	12.2	13.5	10.3	16.8
Alzheimer's Disease	93	16.7	17.5	13.9	21.1
Nephritis, Nephrosis, Nephrotic Syndrome	61	10.9	12.0	8.9	15.0
Homicide and Legal Intervention	36	6.5	6.3	4.2	8.4
Septicemia	44	7.9	8.6	6.0	11.1
Congenital Anomalies	18	3.2	3.1	1.7	4.5
Perinatal Period Conditions	37	6.6	6.1	4.2	8.1
All Other	852	152.8	162.8	151.9	173.7
Injury by Firearm	74	13.3	12.9	9.9	15.9
Drug-Induced Deaths	89	16.0	15.9	12.6	19.2
Alcohol-Induced Deaths	109	19.5	21.1	17.1	25.1
Work-Related Injury	17	3.0	3.1	1.6	4.5

\*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.