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Douglas County Births and Deaths 2000

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

CHARACTERISTIC	NUMBER	PERCENT	LOWER LIMIT	UPPER LIMIT
Total Live Births	3,469	100.0	100.0	100.0
Age of Mother				
10-17	19	0.5	0.3	0.8
18-19	49	1.4	1.0	1.8
20-29	1,234	35.6	34.0	37.2
30+	2,165	62.4	60.8	64.1
Low Weight Births (<2,500 Grams)	265	7.6	6.7	8.5
Very Low Weight Births (<1,500 Grams)	31	0.9	0.6	1.2
Prenatal Care Later than 1st Trimester	110	3.2	2.6	3.8
No Prenatal Care	7	0.2	0.0	0.4
Preterm Births (<37 Weeks)	310	8.9	8.0	9.9
Education of Mother <12 Years	71	2.1	1.6	2.5
Births to Unmarried Women	158	4.6	3.8	5.3
Smoking During Pregnancy	95	2.7	2.2	3.3

*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: Douglas County residents, 2000

CHARACTERISTIC	ALL AGES		10-17		18-19		20-29		30+	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	3,469	100.0	19	100.0	49	100.0	1,234	100.0	2,165	100.0
Race/Ethnicity of Mother										
White/Non-Hispanic	3,176	91.6	16	84.2	36	73.5	1,120	90.8	2,002	92.5
White/Hispanic	151	4.4	*	*	10	20.4	65	5.3	74	3.4
Black	26	0.7	*	*	*	*	7	0.6	16	0.7
Other	115	3.3	*	*	*	*	41	3.3	73	3.4
Low Weight Births (<2,500 Grams)	265	7.6	*	*	6	12.2	87	7.1	170	7.9
Very Low Weight Births (<1,500 Grams)	31	0.9	*	*	*	*	11	0.9	20	0.9
Prenatal Care Started after 1st Trimester	110	3.2	5	26.3	14	28.6	49	4.0	42	2.0
No Prenatal Care	7	0.2	*	*	*	*	3	0.2	*	*
Preterm Births (<37 Weeks)	310	8.9	5	26.3	4	8.2	85	6.9	216	10.0
Education of Mother <12 Years	71	2.1	15	78.9	20	40.8	21	1.7	15	0.7
Births to Unmarried Women	158	4.6	17	89.5	30	61.2	74	6.0	37	1.7
Smoking During Pregnancy	95	2.7	7	36.8	12	24.5	40	3.2	36	1.7

*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: Douglas County residents, 2000

CHARACTERISTIC	WHITE/ NON-HISPANIC		WHITE /HISPANIC		BLACK		ASIAN		AMERICAN INDIAN	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	3,176	100.0	151	100.0	26	100.0	106	100.0	9	100.0
Age of Mother										
10-17	16	0.5	*	*	*	*	*	*	*	*
18-19	36	1.1	10	6.6	*	*	*	*	*	*
20-29	1,120	35.3	65	43.0	7	26.9	39	36.8	*	*
30+	2,002	63.1	74	49.0	16	61.5	66	62.3	7	77.8
Low Weight Births (<2,500 Grams)	236	7.4	18	11.9	*	*	8	7.5	*	*
Very Low Weight Births (<1,500 Grams)	30	0.9	*	*	*	*	*	*	*	*
Prenatal Care Later than 1st Trimester	89	2.8	16	10.7	3	11.5	*	*	*	*
No Prenatal Care	6	0.2	*	*	*	*	*	*	*	*
Preterm Births (<37 Weeks)	282	8.9	15	9.9	*	*	12	11.3	*	*
Education of Mother <12 Years	48	1.5	18	11.9	*	*	*	*	*	*
Live Births to Unmarried Women	131	4.1	19	12.6	7	26.9	*	*	*	*
Mother Smoking During Pregnancy	92	2.9	*	*	*	*	*	*	*	*

*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: Douglas County residents, 2000

	BIRTHS	POPULATION	FERTILITY RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	3,469	42,246	82.1	79.5	84.7
TEENAGE GROUP					
13-14	*	2,614	*	*	*
15-17	19	3,658	5.2	2.7	7.7
18-19	49	1,370	35.8	25.6	46.0
10-17	19	10,697	1.8	0.9	2.6
10-19	68	12,067	5.6	4.3	7.0
ALL AGE GROUPS					
10-14	*	7,039	*	*	*
15-19	68	5,028	13.5	10.2	16.8
20-24	237	2,801	84.6	74.1	95.1
25-29	997	6,154	162.0	152.7	171.3
30-34	1,410	8,824	159.8	152.1	167.5
35-39	656	10,219	64.2	59.4	69.0
40-49	99	16,609	6.0	4.8	7.2

*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: Douglas County residents, 1990, 1996-2000

	1990	1996	1997	1998	1999	2000	1996-2000 ANNUAL AVERAGE
TOTAL POPULATION	61,557	114,710	129,332	144,353	162,322	176,735	145,490
Total Births							
Number	1,208	2,121	2,360	2,743	3,093	3,469	2,757
Birth Rate	19.6	18.5	18.2	19.0	19.1	19.6	19.0
General Fertility Rate	74.0	74.1	73.9	77.8	78.8	82.1	77.8
Age of Mother 10-17							
Number	8	18	16	21	19	19	19
Percent of Total Births	0.7	0.8	0.7	0.8	0.6	0.5	0.7
Fertility Rate	2.2	2.6	2.1	2.4	1.9	1.8	2.1
Low Weight Births (<2,500 Grams)							
Number	70	156	178	240	220	264	212
Percent	5.8	7.4	7.5	8.7	7.1	7.6	7.7
Prenatal Care Later Than 1st Trimester							
Number	71	93	86	76	58	110	85
Percent	5.9	4.4	3.7	2.8	1.9	3.2	3.1
Births to Unmarried Women							
Number	58	98	113	131	163	158	133
Percent	4.8	4.6	4.8	4.8	5.3	4.6	4.8
Mother's Education <12 Years							
Number	31	36	49	66	49	71	54
Percent	2.6	1.7	2.1	2.4	1.6	2.1	2.0
Infant Deaths							
Number	4	12	6	11	10	5	9
Rate	3.3	5.7	2.5	4.0	3.2	1.4	3.2
Neonatal Deaths							
Number	*	9	6	7	8	4	7
Rate	*	4.2	2.5	2.6	2.6	1.2	2.5
Total Deaths							
Number	144	308	334	388	399	447	375
Crude Rate	233.9	268.5	258.3	268.8	245.8	252.9	257.9
Age-Adjusted Rate	654.0	777.1	727.1	735.9	765.6	802.1	762.9
Cardiovascular Disease							
Number	41	88	115	94	131	121	110
Age-Adjusted Rate	227.1	250.7	297.2	206.7	293.2	263.2	262.4
Heart Disease							
Number	34	71	90	79	92	82	83
Age-Adjusted Rate	184.2	200.6	231.7	167.6	191.0	167.0	189.0
Cerebrovascular Disease							
Number	7	18	23	19	29	26	23
Age-Adjusted Rate	42.9	59.2	60.0	53.6	72.1	67.4	63.1
Malignant Neoplasms							
Number	41	92	93	111	96	123	103
Age-Adjusted Rate	176.8	213.6	170.1	181.4	153.2	170.1	175.3
Lung Cancer							
Number	8	10	28	24	20	26	22
Age-Adjusted Rate	27.8	23.8	51.8	40.0	29.1	40.9	37.3
Breast Cancer							
Number	4	5	8	8	11	11	9
Age-Adjusted Rate	20.2	7.1	11.1	14.4	18.8	9.9	12.6
Total Unintentional Injuries							
Number	11	17	24	33	30	30	27
Age-Adjusted Rate	25.0	20.9	34.1	41.1	35.5	31.0	33.0
Motor Vehicle							
Number	8	10	8	17	12	12	12
Age-Adjusted Rate	14.0	11.2	6.2	14.9	10.3	8.6	10.2
Other Unintentional Injuries							
Number	3	7	16	16	18	18	15
Age-Adjusted Rate	11.0	9.8	27.8	26.1	25.2	22.3	22.8
Chronic Lower Respiratory Diseases							
Number	8	13	11	20	18	19	16
Age-Adjusted Rate	45.5	39.8	25.5	43.2	43.6	42.7	39.5
Suicide							
Number	5	12	16	16	10	16	14
Age-Adjusted Rate	9.0	12.8	11.5	10.9	6.0	11.4	10.4
Homicide and Legal Intervention							
Number	*	*	*	5	4	3	*
Age-Adjusted Rate	*	*	*	4.0	2.0	3.5	*
Work-Related Injury							
Number	*	*	5	3	*	*	*
Age-Adjusted Rate	*	*	3.6	1.6	*	*	*

*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: Douglas 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	447	100.0	417	100.0	16	100.0	8	100.0	5	100.0	*	*
Cardiovascular Disease	121	27.1	113	27.1	3	18.8	*	*	3	60.0	*	*
Heart Disease	82	18.3	76	18.2	*	*	*	*	*	*	*	*
Cerebrovascular Disease	26	5.8	24	5.8	*	*	*	*	*	*	*	*
Atherosclerosis	4	0.9	4	1.0	*	*	*	*	*	*	*	*
Malignant Neoplasms	123	27.5	114	27.3	3	18.8	4	50.0	*	*	*	*
Lung Cancer	26	5.8	25	6.0	*	*	*	*	*	*	*	*
Breast Cancer	11	2.5	10	2.4	*	*	*	*	*	*	*	*
Chronic Lower Respiratory Disease	19	4.3	17	4.1	*	*	*	*	*	*	*	*
Unintentional Injuries	30	6.7	27	6.5	3	18.8	*	*	*	*	*	*
Motor Vehicle	12	2.7	10	2.4	*	*	*	*	*	*	*	*
Other Unintentional Injuries	18	4.0	17	4.1	*	*	*	*	*	*	*	*
Pneumonia and Influenza	9	2.0	9	2.2	*	*	*	*	*	*	*	*
Suicide	16	3.6	14	3.4	*	*	*	*	*	*	*	*
Diabetes Mellitus	7	1.6	7	1.7	*	*	*	*	*	*	*	*
HIV Infection	*	*	*	*	*	*	*	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	4	0.9	4	1.0	*	*	*	*	*	*	*	*
Alzheimer's Disease	18	4.0	18	4.3	*	*	*	*	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	12	2.7	12	2.9	*	*	*	*	*	*	*	*
Homicide and Legal Intervention	3	0.7	*	*	*	*	*	*	*	*	*	*
Septicemia	6	1.3	6	1.4	*	*	*	*	*	*	*	*
Congenital Anomalies	3	0.7	*	*	*	*	*	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*	*	*	*	*	*	*	*
All Other	73	16.3	69	16.5	4	25.0	*	*	*	*	*	*
Injury by Firearm	8	1.8	6	1.4	*	*	*	*	*	*	*	*
Drug-Induced Deaths	7	1.6	6	1.4	*	*	*	*	*	*	*	*
Alcohol-Induced Deaths	4	0.9	4	1.0	*	*	*	*	*	*	*	*
Work-Related Injury	*	*	*	*	*	*	*	*	*	*	*	*

*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: Douglas County residents, 2000

AGE GROUP	DEATHS	POPULATION	AGE-SPECIFIC DEATH RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	447	176,735	2.5	2.3	2.8
INFANT	5	3,469	1.4	0.0	2.8
NEONATAL	4	3,469	1.2	0.0	2.4
1-4	*	13,711	*	*	*
5-9	4	16,777	0.2	0.0	0.5
10-14	*	14,580	*	*	*
15-19	3	10,331	0.3	0.0	0.7
20-24	5	5,516	0.9	0.0	1.8
25-29	4	11,582	0.3	0.0	0.7
30-34	9	17,009	0.5	0.2	0.9
35-39	10	19,943	0.5	0.2	0.8
40-44	17	18,304	0.9	0.5	1.4
45-49	32	14,625	2.2	1.4	3.0
50-54	26	11,931	2.2	1.3	3.1
55-59	28	7,477	3.7	2.3	5.2
60-64	17	4,255	4.0	2.0	6.0
65-69	16	2,749	5.8	2.8	8.8
70-74	34	2,079	16.4	10.7	22.0
75-79	49	1,340	36.6	26.1	47.0
80-84	68	722	94.2	72.2	116.2
85+	118	473	249.5	209.4	289.5
1-14	6	45,068	0.1	0.0	0.3
15-24	8	15,847	0.5	0.1	0.9
25-64	143	105,126	1.4	1.1	1.6
65+	285	7,363	38.7	34.2	43.2

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

Deaths and crude death rates from selected causes by age group: Douglas 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	5	1.4	6	0.1	8	0.5	40	0.6	103	2.7	285	38.7
Cardiovascular Disease	*	*	*	*	*	*	6	0.1	19	0.5	95	12.9
Heart Disease	*	*	*	*	*	*	5	0.1	19	0.5	57	7.7
Cerebrovascular Disease	*	*	*	*	*	*	*	*	*	*	26	3.5
Atherosclerosis	*	*	*	*	*	*	*	*	*	*	4	0.5
Malignant Neoplasms	*	*	*	*	*	*	9	0.1	51	1.3	62	8.4
Lung Cancer	*	*	*	*	*	*	*	*	8	0.2	18	2.4
Breast Cancer	*	*	*	*	*	*	4	0.1	4	0.1	3	0.4
Chronic Lower Respiratory Diseases	*	*	*	*	*	*	*	*	*	*	18	2.4
Unintentional Injuries	*	*	3	0.1	3	0.2	9	0.1	7	0.2	8	1.1
Motor Vehicle	*	*	*	*	*	*	6	0.1	*	*	*	*
Other Unintentional Injuries	*	*	*	*	*	*	3	0.0	5	0.1	6	0.8
Pneumonia and Influenza	*	*	*	*	*	*	*	*	*	*	8	1.1
Suicide	*	*	*	*	*	*	6	0.1	6	0.2	*	*
Diabetes Mellitus	*	*	*	*	*	*	*	*	*	*	4	0.5
HIV Infection	*	*	*	*	*	*	*	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	*	*	*	*	*	*	*	*	*	*	3	0.4
Alzheimer's Disease	*	*	*	*	*	*	*	*	*	*	18	2.4
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*	*	*	*	*	*	11	1.5
Homicide and Legal Intervention	*	*	*	*	*	*	*	*	*	*	*	*
Septicemia	*	*	*	*	*	*	*	*	3	0.1	*	*
Congenital Anomalies	*	*	*	*	*	*	*	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*	*	*	*	*	*	*	*
All Other	*	*	*	*	*	*	5	0.1	13	0.3	52	7.1
Injury by Firearm	*	*	*	*	*	*	4	0.1	*	*	*	*
Drug-Induced Deaths	*	*	*	*	*	*	3	0.0	3	0.1	*	*
Alcohol-Induced Deaths	*	*	*	*	*	*	*	*	*	*	*	*
Work-Related Injury	*	*	*	*	*	*	*	*	*	*	*	*

*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: Douglas County residents, 2000

CAUSE OF DEATH (ICD-10)	DEATHS	CRUDE RATE	AGE-ADJUSTED DEATH RATE		
			RATE	LOWER LIMIT	UPPER LIMIT
TOTAL	447	252.9	802.1	723.2	881.1
Cardiovascular Disease	121	68.5	263.2	213.0	313.3
Heart Disease	82	46.4	167.0	126.6	207.4
Cerebrovascular Disease	26	14.7	67.4	40.8	93.9
Atherosclerosis	4	2.3	11.2	0.0	22.6
Malignant Neoplasms	123	69.6	170.1	134.2	206.1
Lung Cancer	26	14.7	40.9	23.4	58.5
Breast Cancer	11	6.2	9.9	2.7	17.2
Chronic Lower Respiratory Diseases	19	10.8	42.7	22.8	62.6
Unintentional Injuries	30	17.0	31.0	16.5	45.4
Motor Vehicle	12	6.8	8.6	2.6	14.6
Other Unintentional Injuries	18	10.2	22.3	9.2	35.4
Pneumonia and Influenza	9	5.1	23.0	7.2	38.8
Suicide	16	9.1	11.4	4.3	18.6
Diabetes Mellitus	7	4.0	12.8	1.3	24.4
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	4	2.3	5.3	0.0	11.1
Alzheimer's Disease	18	10.2	49.4	26.2	72.6
Nephritis, Nephrosis, Nephrotic Syndrome	12	6.8	26.9	10.8	42.9
Homicide and Legal Intervention	3	1.7	3.5	0.0	8.1
Septicemia	6	3.4	5.4	0.8	10.1
Congenital Anomalies	3	1.7	3.1	0.0	7.5
Perinatal Period Conditions	*	*	*	*	*
All Other	73	41.3	152.8	114.0	191.5
Injury by Firearm	8	4.5	4.2	1.2	7.1
Drug-Induced Deaths	7	4.0	3.8	0.9	6.7
Alcohol-Induced Deaths	4	2.3	3.7	0.0	7.7
Work-Related Injury	*	*	*	*	*

*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.