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Douglas County Births and Deaths 2002

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Selected birth characteristics: Douglas county residents, 2002

Characteristic	Number	Percent
Total Live Births	3,911	100.0
Age of Mother		
10-17	20	0.5
18-19	54	1.4
20-29	1,426	36.5
30+	2,411	61.6
Low Weight Births (<2,500 Grams)	373	9.5
Very Low Weight Births (<1,500 Grams)	53	1.4
Prenatal Care Later than 1st Trimester/No Care	209	5.3
No Prenatal Care	7	0.2
Preterm Births (<37 Weeks)	390	10.0
Education of Mother <12 Years	93	2.4
Live Births to Unmarried Women	254	6.5
Smoking During Pregnancy	118	3.0

* 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: Douglas county residents, 2002

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	3,911	100.0	20	100.0	54	100.0	1,426	100.0	2,411	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	3,439	87.9	15	75.0	45	83.3	1,218	85.4	2,161	89.6
White Hispanic	241	6.2	4	20.0	8	14.8	112	7.9	117	4.9
Black	36	0.9	0	0.0	0	0.0	12	0.8	24	1.0
Other	195	5.0	*	*	*	*	84	5.9	109	4.5
Low Weight Births (<2,500 Grams)	373	9.5	4	20.0	5	9.3	119	8.3	245	10.2
Very Low Weight Births (<1,500 Grams)	53	1.4	*	*	*	*	21	1.5	29	1.2
Prenatal Care Later than 1st Trimester/No Care	209	5.5	10	52.6	14	26.4	107	7.6	78	3.3
No Prenatal Care	7	0.2	3	15.8	0	0.0	4	0.3	0	0.0
Preterm Births (<37 Weeks)	390	10.0	3	15.0	6	11.1	121	8.5	260	10.8
Education of Mother <12 Years	93	2.4	19	95.0	17	31.5	48	3.4	9	0.4
Live Births to Unmarried Women	254	6.5	18	90.0	45	83.3	140	9.8	51	2.1
Smoking During Pregnancy	118	3.0	*	*	9	16.7	70	4.9	37	1.5

* 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: Douglas county residents, 2002

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	3,439	100.0	241	100.0	36	100.0	181	100.0	14	100.0
Age of Mother										
10-17	15	0.4	4	1.7	0	0.0	*	*	0	0.0
18-19	45	1.3	8	3.3	0	0.0	0	0.0	*	*
20-29	1,218	35.4	112	46.5	12	33.3	75	41.4	9	64.3
30+	2,161	62.8	117	48.5	24	66.7	105	58.0	4	28.6
Low Weight Births (<2,500 Grams)	325	9.5	21	8.7	7	19.4	18	9.9	*	*
Very Low Weight Births (<1,500 Grams)	46	1.3	5	2.1	*	*	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	144	4.3	49	20.7	4	11.1	11	6.2	*	*
No Prenatal Care	5	0.1	*	*	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	353	10.3	21	8.7	5	13.9	9	5.0	*	*
Education of Mother <12 Years	52	1.5	36	14.9	*	*	3	1.7	*	*
Live Births to Unmarried Women	204	5.9	40	16.6	4	11.1	5	2.8	*	*
Smoking During Pregnancy	114	3.3	3	1.2	0	0.0	0	0.0	*	*

* 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 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 by age group of mother: Douglas county residents, 2002

Age Group	Births	Population	Fertility Rate
All Ages	3,911	49,923	78.3
Teen Age Groups			
13-14	*	3,196	*
15-17	19	4,411	4.3
18-19	54	2,668	20.2
10-17	20	12,888	1.6
10-19	74	15,556	4.8
All Age Groups			
10-14	*	8,477	*
15-19	73	7,079	10.3
20-24	369	4,656	79.3
25-29	1,057	6,589	160.4
30-34	1,532	10,002	153.2
35-39	735	11,049	66.5
40-49	142	19,099	7.4

* 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 definition of fertility rate.

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

Vital statistics summary: Douglas county residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Total Population	75,359	144,353	162,323	180,691	200,381	208,676	179,285
Total Births							
Number	1,438	2,743	3,093	3,469	3,713	3,911	3,386
Birth Rate	19.1	19.0	19.1	19.2	18.5	18.7	18.9
General Fertility Rate	73.4	77.8	78.8	80.3	78.6	78.3	78.8
Age of Mother 10-17							
Number	15	21	19	19	22	20	20
Percent of Total Births	1.0	0.8	0.6	0.5	0.6	0.5	0.6
Fertility Rate	3.4	2.4	1.9	1.7	1.8	1.6	1.8
Low Weight Births (<2,500 Grams)							
Number	123	240	220	264	304	373	280
Percent	8.6	8.7	7.1	7.6	8.2	9.5	8.3
Prenatal Care Later Than 1st Trimester							
Number	71	76	58	110	128	209	116
Percent	5.0	2.8	1.9	3.2	3.5	5.5	3.5
Births to Unmarried Women							
Number	78	131	163	158	191	254	179
Percent	5.4	4.8	5.3	4.6	5.1	6.5	5.3
Mother's Education <12 Years							
Number	38	66	49	71	85	93	73
Percent	2.7	2.4	1.6	2.1	2.3	2.4	2.2
Infant Deaths							
Number	6	11	10	5	12	19	11
Rate	4.2	4.0	3.2	1.4	3.2	4.9	3.4
Neonatal Deaths							
Number	3	7	8	4	8	15	8
Rate	2.1	2.6	2.6	1.2	2.2	3.8	2.5
Total Deaths							
Number	199	388	399	447	496	518	450
Crude Rate	264.1	268.8	245.8	247.4	247.5	248.2	250.8
Age-Adjusted Rate	754.0	735.9	764.8	785.2	701.8	719.4	738.9
Cardiovascular Disease							
Number	65	98	131	121	130	147	125
Age-Adjusted Rate	293.3	221.3	292.9	257.6	231.9	253.1	251.0
Heart Disease							
Number	43	79	92	82	81	96	86
Age-Adjusted Rate	187.3	167.6	190.8	163.5	134.5	157.0	160.7
Cerebrovascular Disease							
Number	22	19	29	26	33	38	29

(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: Douglas county residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Age-Adjusted Rate	106.0	53.6	72.1	66.0	63.0	72.0	65.8
Malignant Neoplasms							
Number	41	111	96	123	136	132	120
Age-Adjusted Rate	141.2	181.4	153.1	166.5	156.5	160.8	163.0
Lung Cancer							
Number	9	24	20	26	16	29	23
Age-Adjusted Rate	25.6	40.0	29.1	40.1	21.9	42.4	34.5
Breast Cancer							
Number	3	8	11	11	9	12	10
Age-Adjusted Rate	4.0	14.4	18.8	9.7	9.8	7.7	11.7
Total Unintentional Injuries							
Number	23	33	30	30	39	39	34
Age-Adjusted Rate	40.3	41.1	35.5	30.3	37.7	23.6	33.0
Motor Vehicle							
Number	17	17	12	12	21	18	16
Age-Adjusted Rate	27.3	14.9	10.3	8.5	13.7	8.3	10.9
Other Unintentional Injuries							
Number	6	16	18	18	18	21	18
Age-Adjusted Rate	13.0	26.1	25.2	21.8	24.0	15.3	22.2
Chronic Lower Respiratory Diseases							
Number	7	20	18	19	34	21	22
Age-Adjusted Rate	29.5	43.2	43.6	41.8	67.3	33.5	46.1
Suicide							
Number	8	16	10	16	23	19	17
Age-Adjusted Rate	13.9	10.9	6.0	11.2	11.8	11.3	10.4
Homicide and Legal Intervention							
Number	0	5	4	3	5	*	4
Age-Adjusted Rate	0.0	4.0	2.0	3.4	2.0	*	2.2
Work-Related Injury							
Number	*	3	*	*	*	*	*
Age-Adjusted Rate	*	1.6	*	*	*	*	*

* 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: Douglas county residents, 2002

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	518	100.0	488	100.0	16	100.0	4	100.0	9	100.0	*	*
Cardiovascular Disease	147	28.4	140	28.7	3	18.8	*	*	*	*	*	*
Heart Disease	96	18.5	91	18.6	*	*	*	*	*	*	*	*
Cerebrovascular Disease	38	7.3	36	7.4	*	*	0	0.0	*	*	0	0.0
Atherosclerosis	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	132	25.5	123	25.2	*	*	*	*	5	55.6	0	0.0
Lung Cancer	29	5.6	27	5.5	*	*	0	0.0	*	*	0	0.0
Breast Cancer	12	2.3	12	2.5	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	21	4.1	21	4.3	0	0.0	0	0.0	0	0.0	0	0.0
Unintentional Injuries	39	7.5	34	7.0	5	31.3	0	0.0	0	0.0	0	0.0
Motor Vehicle	18	3.5	16	3.3	*	*	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	21	4.1	18	3.7	3	18.8	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	6	1.2	6	1.2	0	0.0	0	0.0	0	0.0	0	0.0
Suicide	19	3.7	18	3.7	0	0.0	0	0.0	*	*	0	0.0
Diabetes Mellitus	11	2.1	11	2.3	0	0.0	0	0.0	0	0.0	0	0.0
HIV Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	11	2.1	11	2.3	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	21	4.1	21	4.3	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	5	1.0	5	1.0	0	0.0	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention	*	*	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Septicemia	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies	7	1.4	7	1.4	0	0.0	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	11	2.1	9	1.8	*	*	*	*	0	0.0	0	0.0
All Other	85	16.4	80	16.4	4	25.0	0	0.0	*	*	0	0.0
Injury by Firearm	15	2.9	15	3.1	0	0.0	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	4	0.8	3	0.6	*	*	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	6	1.2	6	1.2	0	0.0	0	0.0	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	*	*	*	*	0	0.0	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: Douglas county residents, 2002

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	518	208,676	2.5
Infant	19	3,911	4.9
Neonatal	15	3,911	3.8
1-4	7	15,302	0.5
5-9	4	19,232	0.2
10-14	*	17,245	*
15-19	4	14,491	0.3
20-24	11	9,550	1.2
25-29	8	12,517	0.6
30-34	6	19,398	0.3
35-39	10	21,434	0.5
40-44	13	21,094	0.6
45-49	29	16,867	1.7
50-54	29	13,709	2.1
55-59	25	9,423	2.7
60-64	31	5,604	5.5
65-69	33	3,417	9.7
70-74	52	2,396	21.7
75-79	62	1,678	36.9
80-84	65	952	68.3
85+	108	535	201.9
1-14	13	51,779	0.3
15-24	15	24,041	0.6
25-64	151	120,046	1.3
65+	320	8,978	35.6

* 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: Douglas county residents, 2002

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	19	4.9	13	0.3	15	0.6	37	0.5	114	2.5	320	35.6
Cardiovascular Disease	0	0.0	*	*	*	*	*	*	33	0.7	109	12.1
Heart Disease	0	0.0	*	*	*	*	*	*	27	0.6	64	7.1
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	3	0.1	35	3.9
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	*	*
Malignant Neoplasms	0	0.0	*	*	*	*	10	0.1	37	0.8	82	9.1
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	6	0.1	23	2.6
Breast Cancer	0	0.0	0	0.0	0	0.0	5	0.1	5	0.1	*	*
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	*	*	*	*	17	1.9
Unintentional Injuries	0	0.0	5	0.1	10	0.4	11	0.1	8	0.2	5	0.6
Motor Vehicle	0	0.0	3	0.1	5	0.2	8	0.1	*	*	0	0.0
Other Unintentional Injuries	0	0.0	*	*	5	0.2	3	0.0	6	0.1	5	0.6
Pneumonia and Influenza	0	0.0	*	*	0	0.0	0	0.0	*	*	4	0.4
Suicide	0	0.0	0	0.0	*	*	5	0.1	9	0.2	3	0.3
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	*	*	10	1.1
HIV Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	0	0.0	7	0.2	4	0.4
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	21	2.3
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	*	*	4	0.4
Homicide and Legal Intervention	0	0.0	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	*	*	0	0.0	*	*
Congenital Anomalies	5	1.3	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	11	2.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	3	0.8	0	0.0	*	*	6	0.1	15	0.3	60	6.7
Injury by Firearm	0	0.0	0	0.0	3	0.1	*	*	7	0.2	4	0.4
Drug-Induced Deaths	0	0.0	0	0.0	*	*	*	*	0	0.0	0	0.0
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	0	0.0	4	0.1	*	*
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	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 for selected causes:
Douglas county residents, 2002**

Cause of Death	N	Crude Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	518	248.2	719.4	650.7	788.1
Cardiovascular Disease	147	70.4	253.1	208.1	298.0
Heart Disease	96	46.0	157.0	121.3	192.8
Cerebrovascular Disease	38	18.2	72.0	47.3	96.6
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	132	63.3	160.8	129.1	192.5
Lung Cancer	29	13.9	42.4	25.5	59.4
Breast Cancer	12	5.8	7.7	2.3	13.1
Chronic Lower Respiratory Diseases	21	10.1	33.5	17.6	49.4
Unintentional Injuries	39	18.7	23.6	15.0	32.2
Motor Vehicle	18	8.6	8.3	4.4	12.2
Other Unintentional Injuries	15	7.2	12.4	5.1	19.7
Pneumonia and Influenza	6	2.9	9.4	1.5	2.8
Suicide	19	9.1	11.3	5.4	17.1
Diabetes Mellitus	11	5.3	15.5	2.1	3.5
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	11	5.3	9.0	0.6	1.5
Alzheimer's Disease	21	10.1	50.1	28.2	72.0
Nephritis, Nephrosis, Nephrotic Syndrome	5	2.4	5.7	0.4	1.1
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	*	*	*	*	*
Congenital Anomalies	7	3.4	2.5	0.0	0.3
Perinatal Period Conditions	11	5.3	4.0	0.0	0.4
All Other	85	40.7	138.5	104.8	172.2
Injury by Firearm	15	7.2	10.5	4.5	16.5
Drug-Induced Deaths	4	1.9	1.9	0.0	0.3
Alcohol-Induced Deaths	6	2.9	4.7	0.3	0.9
Work-Related Injury (Y/N Check Death Certificate)	*	*	*	*	*

* 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.