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# Douglas County Births and Deaths 2006

- Selected birth characteristics: Douglas County residents, 2006 ..... 2
- Selected birth characteristics by age group of mother: Douglas County residents, 2006 ..... 3
- Selected birth characteristics by race/ethnicity of mother: Douglas County residents, 2006..... 4
- Live births and fertility rates: Douglas County residents, 2006 ..... 5
- Vital statistics summary: Douglas County residents, 1996, 2002-2006 ..... 6
- Deaths from selected causes by race/ethnicity: Douglas County residents, 2006 ..... 8
- Deaths and age-specific death rates: Douglas County residents, 2006 .....9
- Deaths and age-specific death rates from selected causes: Douglas County residents, 2006 ..... 10
- Deaths, crude death rates and age-adjusted death rates from selected causes:
  - Douglas County residents, 2006 ..... 11

**Selected birth characteristics: Douglas county residents, 2006**

Characteristic	Number	Percent
Total Live Births	4,210	100.0
Age of Mother		
10-17	25	0.6
18-19	63	1.5
20-29	1,562	37.1
30+	2,560	60.8
Low Weight Births (<2,500 Grams)	373	8.9
Very Low Weight Births (<1,500 Grams)	40	1.0
Prenatal Care Later than 1st Trimester/No Care	283	6.9
No Prenatal Care	20	0.5
Preterm Births (<37 Weeks)	424	10.1
Education of Mother <12 Years	104	2.5
Live Births to Unmarried Women	327	7.8
Smoking During Pregnancy	78	1.9

*\* 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](http://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, 2006**

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total Live Births</b>	4,210	100.0	25	100.0	63	100.0	1,562	100.0	2,560	100.0
<b>Race/Ethnicity of Mother</b>										
White Non-Hispanic	3,621	86.0	17	68.0	42	66.7	1,340	85.8	2,222	86.8
White Hispanic	311	7.4	6	24.0	15	23.8	144	9.2	146	5.7
Black	50	1.2	*	*	4	6.3	16	1.0	29	1.1
Other	228	5.4	*	*	*	*	62	4.0	163	6.4
<b>Low Weight Births (&lt;2,500 Grams)</b>	373	8.9	4	16.0	3	4.8	114	7.3	252	9.9
<b>Very Low Weight Births (&lt;1,500 Grams)</b>	40	1.0	0	0.0	0	0.0	6	0.4	34	1.3
<b>Prenatal Care Later than 1st Trimester/No Care</b>	283	6.9	7	29.2	12	20.0	119	7.9	145	5.8
<b>No Prenatal Care</b>	20	0.5	*	*	*	*	5	0.3	13	0.5
<b>Preterm Births (&lt;37 Weeks)</b>	424	10.1	3	12.0	5	7.9	133	8.5	283	11.1
<b>Education of Mother &lt;12 Years</b>	104	2.5	23	92.0	14	22.2	45	2.9	22	0.9
<b>Live Births to Unmarried Women</b>	327	7.8	23	92.0	48	76.2	171	10.9	85	3.3
<b>Smoking During Pregnancy</b>	78	1.9	*	*	3	4.8	51	3.3	22	0.9

*\* 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](http://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, 2006**

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total Live Births</b>	3,621	100.0	311	100.0	50	100.0	214	100.0	14	100.0
<b>Age of Mother</b>										
<b>10-17</b>	17	0.5	6	1.9	*	*	*	*	0	0.0
<b>18-19</b>	42	1.2	15	4.8	4	8.0	*	*	0	0.0
<b>20-29</b>	1,340	37.0	144	46.3	16	32.0	55	25.7	7	50.0
<b>30+</b>	2,222	61.4	146	46.9	29	58.0	156	72.9	7	50.0
<b>Low Weight Births (&lt;2,500 Grams)</b>	307	8.5	33	10.6	12	24.0	20	9.4	*	*
<b>Very Low Weight Births (&lt;1,500 Grams)</b>	32	0.9	3	1.0	*	*	*	*	*	*
<b>Prenatal Care Later than 1st Trimester/No Care</b>	218	6.2	43	14.2	*	*	20	9.7	0	0.0
<b>No Prenatal Care</b>	13	0.4	6	2.0	0	0.0	*	*	0	0.0
<b>Preterm Births (&lt;37 Weeks)</b>	362	10.0	31	10.0	7	14.0	22	10.3	*	*
<b>Education of Mother &lt;12 Years</b>	45	1.2	52	16.7	4	8.0	3	1.4	0	0.0
<b>Live Births to Unmarried Women</b>	242	6.7	62	19.9	13	26.0	8	3.7	*	*
<b>Smoking During Pregnancy</b>	67	1.9	7	2.3	*	*	*	*	*	*

*\* 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, excluding cases with specific characteristics unknown.  
See the technical notes at [www.cdphe.state.co.us/hs](http://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, 2006**

<b>Age Group</b>	<b>Births</b>	<b>Population</b>	<b>Fertility Rate</b>
<b>All Ages</b>	4,210	60,244	69.9
<b>Teen Age Groups</b>			
<b>13-14</b>	4	4,305	0.9
<b>15-17</b>	21	6,029	3.5
<b>18-19</b>	63	3,713	17.0
<b>10-17</b>	25	17,087	1.5
<b>10-19</b>	88	20,800	4.2
<b>All Age Groups</b>			
<b>10-14</b>	4	11,058	0.4
<b>15-19</b>	84	9,742	8.6
<b>20-24</b>	388	8,655	44.8
<b>25-29</b>	1,174	6,520	180.1
<b>30-34</b>	1,560	9,637	161.9
<b>35-39</b>	841	12,552	67.0
<b>40-49</b>	159	24,817	6.4

*\* 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](http://www.cdphe.state.co.us/hs) for definitions of data items.  
 Source: Health Statistics Section, Colorado Department of Public Health and Environment.*

## Vital statistics summary: Douglas county residents, 1996, 2002-2006

	1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
<b>Total Population</b>	114,713	213,526	225,692	239,164	251,413	265,473	239,054
<b>Total Births</b>							
Number	2,127	3,919	3,992	4,014	4,177	4,210	4,062
Birth Rate	18.5	18.4	17.7	16.8	16.6	15.9	17.0
General Fertility Rate	74.3	76.6	75.3	72.7	72.7	69.9	73.3
<b>Age of Mother 10-17</b>							
Number	16	19	23	26	21	25	23
Percent of Total Births	0.8	0.5	0.6	0.6	0.5	0.6	0.6
Fertility Rate	2.3	1.4	1.6	1.7	1.3	1.5	1.5
<b>Low Weight Births (&lt;2,500 Grams)</b>							
Number	155	372	347	339	351	373	356
Percent	7.3	9.5	8.7	8.4	8.4	8.9	8.8
<b>Prenatal Care Later Than 1st Trimester</b>							
Number	91	202	222	267	346	283	264
Percent	4.3	5.3	5.7	6.9	8.7	6.9	6.7
<b>Births to Unmarried Women</b>							
Number	96	245	258	293	325	327	290
Percent	4.5	6.3	6.5	7.3	7.8	7.8	7.1
<b>Mother's Education &lt;12 Years</b>							
Number	34	91	114	109	117	104	107
Percent	1.6	2.3	2.9	2.7	2.9	2.6	2.7
<b>Infant Deaths</b>							
Number	12	20	19	10	18	20	17
Rate	5.6	5.1	4.8	2.5	4.3	4.8	4.3
<b>Neonatal Deaths</b>							
Number	9	16	14	8	12	17	13
Rate	4.2	4.1	3.5	2.0	2.9	4.0	3.3
<b>Total Deaths</b>							
Number	314	526	558	574	651	704	603
Crude Rate	273.7	246.3	247.2	240.0	258.9	265.2	252.1
Age-Adjusted Rate	792.6	722.2	698.9	677.1	698.8	711.1	700.6
<b>Cardiovascular Disease</b>							
Number	91	148	178	172	165	195	172
Age-Adjusted Rate	262.5	251.4	269.1	251.5	205.5	220.3	237.1
<b>Heart Disease</b>							
Number	71	97	133	112	118	142	120
Age-Adjusted Rate	200.6	156.6	188.2	158.4	145.6	157.0	160.2

(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, 1996, 2002-2006

	1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
<b>Cerebrovascular Disease</b>							
Number	19	38	32	47	32	38	37
Age-Adjusted Rate	61.3	71.2	54.5	72.2	40.0	46.5	55.8
<b>Malignant Neoplasms</b>							
Number	95	134	149	147	187	188	161
Age-Adjusted Rate	221.4	164.0	146.8	137.5	169.0	169.5	157.8
<b>Lung Cancer</b>							
Number	11	32	28	26	40	48	35
Age-Adjusted Rate	24.6	46.1	32.4	26.5	38.7	49.3	38.8
<b>Breast Cancer</b>							
Number	5	12	17	10	21	18	16
Age-Adjusted Rate	7.1	7.8	13.9	8.0	17.2	16.7	13.2
<b>Total Unintentional Injuries</b>							
Number	17	38	41	43	47	63	46
Age-Adjusted Rate	20.9	23.1	31.0	23.6	32.5	35.4	29.5
<b>Motor Vehicle</b>							
Number	10	17	21	22	19	26	21
Age-Adjusted Rate	11.2	7.7	12.3	12.3	8.7	10.4	10.3
<b>Other Unintentional Injuries</b>							
Number	7	21	20	21	28	37	25
Age-Adjusted Rate	9.8	15.4	18.7	11.3	23.8	25.0	19.2
<b>Chronic Lower Respiratory Diseases</b>							
Number	13	21	32	32	28	33	29
Age-Adjusted Rate	39.8	33.8	48.1	51.6	40.2	38.5	42.5
<b>Suicide</b>							
Number	12	20	17	28	15	28	22
Age-Adjusted Rate	12.8	11.6	9.2	12.0	6.3	10.5	9.8
<b>Homicide and Legal Intervention</b>							
Number	0	3	3	3	4	3	3
Age-Adjusted Rate	0.0	1.3	1.4	1.2	1.5	1.1	1.3
<b>Work-Related Injury</b>							
Number	*	*	*	*	*	3	*
Age-Adjusted Rate	*	*	*	*	*	1.5	*

\* 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, 2006**

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
<b>Total</b>	704	100.0	648	100.0	23	100.0	13	100.0	16	100.0	*	*
<b>Cardiovascular Disease</b>	195	27.7	182	28.1	5	21.7	4	30.8	4	25.0	0	0.0
Heart Disease	142	20.2	132	20.4	4	17.4	*	*	4	25.0	0	0.0
Cerebrovascular Disease	38	5.4	36	5.6	0	0.0	*	*	0	0.0	0	0.0
Atherosclerosis	4	0.6	4	0.6	0	0.0	0	0.0	0	0.0	0	0.0
<b>Malignant Neoplasms</b>	188	26.7	169	26.1	8	34.8	3	23.1	6	37.5	*	*
Lung Cancer	48	6.8	45	6.9	0	0.0	0	0.0	*	*	*	*
Breast Cancer	18	2.6	17	2.6	0	0.0	0	0.0	0	0.0	0	0.0
<b>Chronic Lower Respiratory Disease</b>	33	4.7	33	5.1	0	0.0	0	0.0	0	0.0	0	0.0
<b>Unintentional Injuries</b>	63	8.9	57	8.8	3	13.0	0	0.0	*	*	0	0.0
Motor Vehicle	26	3.7	24	3.7	0	0.0	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	37	5.3	33	5.1	3	13.0	0	0.0	*	*	0	0.0
<b>Pneumonia and Influenza</b>	10	1.4	7	1.1	*	*	*	*	*	*	0	0.0
<b>Suicide</b>	28	4.0	25	3.9	0	0.0	*	*	*	*	0	0.0
<b>Diabetes Mellitus</b>	4	0.6	*	*	*	*	0	0.0	*	*	0	0.0
<b>HIV Infection</b>	*	*	*	*	*	*	0	0.0	0	0.0	0	0.0
<b>Chronic Liver Disease and Cirrhosis</b>	6	0.9	6	0.9	0	0.0	0	0.0	0	0.0	0	0.0
<b>Alzheimer's Disease</b>	28	4.0	28	4.3	0	0.0	0	0.0	0	0.0	0	0.0
<b>Nephritis, Nephrosis, Nephrotic Syndrome</b>	9	1.3	9	1.4	0	0.0	0	0.0	0	0.0	0	0.0
<b>Homicide and Legal Intervention</b>	3	0.4	*	*	0	0.0	*	*	0	0.0	0	0.0
<b>Septicemia</b>	10	1.4	10	1.5	0	0.0	0	0.0	0	0.0	0	0.0
<b>Congenital Anomalies</b>	7	1.0	5	0.8	*	*	*	*	0	0.0	0	0.0
<b>Perinatal Period Conditions</b>	10	1.4	5	0.8	*	*	*	*	*	*	0	0.0
<b>All Other</b>	108	15.3	107	16.5	*	*	0	0.0	0	0.0	0	0.0
<b>Injury by Firearm</b>	18	2.6	17	2.6	0	0.0	*	*	0	0.0	0	0.0
<b>Drug-Induced Deaths</b>	23	3.3	19	2.9	3	13.0	0	0.0	*	*	0	0.0
<b>Alcohol-Induced Deaths</b>	4	0.6	4	0.6	0	0.0	0	0.0	0	0.0	0	0.0
<b>Work-Related Injury (Y/N Check Death Certificate)</b>	3	0.4	3	0.5	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, 2006**

Age Group	Deaths	Population	Age-Specific Death Rate
<b>All Ages</b>	704	265,473	2.7
<b>Infant</b>	20	4,210	4.8
<b>Neonatal</b>	17	4,210	4.0
<b>1-4</b>	*	18,153	*
<b>5-9</b>	*	23,082	*
<b>10-14</b>	3	22,532	0.1
<b>15-19</b>	9	19,874	0.5
<b>20-24</b>	7	17,628	0.4
<b>25-29</b>	13	13,162	1.0
<b>30-34</b>	10	18,309	0.5
<b>35-39</b>	18	24,384	0.7
<b>40-44</b>	25	25,610	1.0
<b>45-49</b>	27	23,404	1.2
<b>50-54</b>	35	18,106	1.9
<b>55-59</b>	47	14,714	3.2
<b>60-64</b>	47	9,287	5.1
<b>65-69</b>	54	4,959	10.9
<b>70-74</b>	52	3,432	15.2
<b>75-79</b>	86	2,389	36.0
<b>80-84</b>	78	1,289	60.5
<b>85+</b>	171	790	216.5
<b>1-14</b>	5	63,767	0.1
<b>15-24</b>	16	37,502	0.4
<b>25-64</b>	222	146,976	1.5
<b>65+</b>	441	12,859	34.3

*\* 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: Douglas county residents, 2006**

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	20	4.8	5	0.1	16	0.4	66	0.8	156	2.4	441	34.3
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	14	0.2	40	0.6	141	11.0
Heart Disease	0	0.0	0	0.0	0	0.0	11	0.1	28	0.4	103	8.0
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	7	0.1	29	2.3
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	0.3
Malignant Neoplasms	*	*	*	*	0	0.0	10	0.1	58	0.9	117	9.1
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	9	0.1	39	3.0
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	5	0.1	11	0.9
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	6	0.1	27	2.1
Unintentional Injuries	0	0.0	*	*	10	0.3	16	0.2	20	0.3	15	1.2
Motor Vehicle	0	0.0	*	*	7	0.2	5	0.1	10	0.2	*	*
Other Unintentional Injuries	0	0.0	0	0.0	3	0.1	11	0.1	10	0.2	13	1.0
Pneumonia and Influenza	*	*	0	0.0	0	0.0	0	0.0	*	*	8	0.6
Suicide	0	0.0	0	0.0	4	0.1	15	0.2	8	0.1	*	*
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	*	*	3	0.2
HIV Infection	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	*	*	*	*	3	0.2
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	28	2.2
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	0.7
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	5	0.1	5	0.4
Congenital Anomalies	7	1.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	10	2.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	*	*	*	*	0	0.0	8	0.1	14	0.2	84	6.5
Injury by Firearm	0	0.0	0	0.0	6	0.2	6	0.1	5	0.1	*	*
Drug-Induced Deaths	0	0.0	0	0.0	0	0.0	13	0.2	9	0.1	*	*
Alcohol-Induced Deaths	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	*	*	*	*	*	*

\* 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 from selected causes:  
Douglas county residents, 2006**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	704	265.2	711.1	654.1	768.1
Cardiovascular Disease	195	73.5	220.3	185.8	254.7
Heart Disease	142	53.5	157.0	127.9	186.2
Cerebrovascular Disease	38	14.3	46.5	30.1	62.9
Atherosclerosis	4	1.5	7.1	4.3	10.7
Malignant Neoplasms	188	70.8	169.5	141.3	197.8
Lung Cancer	48	18.1	49.3	33.8	64.9
Breast Cancer	18	6.8	16.7	7.6	25.8
Chronic Lower Respiratory Diseases	33	12.4	38.5	24.1	52.9
Unintentional Injuries	63	23.7	35.4	24.6	46.3
Motor Vehicle	26	9.8	10.4	6.2	14.6
Other Unintentional Injuries	37	13.9	25.0	15.0	35.0
Pneumonia and Influenza	10	3.8	12.5	8.6	17.2
Suicide	28	10.5	10.5	6.5	14.5
Diabetes Mellitus	4	1.5	4.0	2.0	6.8
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	6	2.3	4.3	2.2	7.1
Alzheimer's Disease	28	10.5	44.7	27.7	61.8
Nephritis, Nephrosis, Nephrotic Syndrome	9	3.4	13.5	9.5	18.3
Homicide and Legal Intervention	3	1.1	1.1	0.2	2.7
Septicemia	10	3.8	10.1	6.6	14.3
Congenital Anomalies	7	2.6	2.2	0.8	4.4
Perinatal Period Conditions	10	3.8	3.2	1.4	5.7
All Other	108	40.7	140.5	111.6	169.4
Injury by Firearm	18	6.8	6.8	3.6	10.1
Drug-Induced Deaths	23	8.7	9.1	5.0	13.2
Alcohol-Induced Deaths	4	1.5	1.8	0.6	3.9
Work-Related Injury (Y/N Check Death Certificate)	3	1.1	1.5	0.3	3.8

\* 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.