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Denver County Births and Deaths 2001

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Selected birth characteristics with 95% confidence limit: Denver county residents, 2001

Characteristic	Number	Percent	Lower Limit	Upper Limit
Total Live Births	11,390	100.0	100.0	100.0
Age of Mother				
10-17	602	5.3	4.9	5.7
18-19	945	8.3	7.8	8.8
20-29	6,090	53.5	52.5	54.4
30+	3,746	32.9	32.0	33.8
Low Weight Births (<2,500 Grams)	1,077	9.5	8.9	10.0
Very Low Weight Births (<1,500 Grams)	181	1.6	1.4	1.8
Prenatal Care Later than 1st Trimester/No Care	3,240	28.4	27.6	29.3
No Prenatal Care	173	1.5	1.3	1.7
Preterm Births (<37 Weeks)	1,093	9.6	9.1	10.1
Education of Mother <12 Years	4,326	38.0	37.1	38.9
Live Births to Unmarried Women	3,733	32.8	31.9	33.6
Smoking During Pregnancy	815	7.2	6.7	7.6

** 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 and explanation of confidence limits.

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

Selected birth characteristics by age group of mother: Denver county residents, 2001

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Characteristic										
Total Live Births	11,390	100.0	602	100.0	945	100.0	6,090	100.0	3,746	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	3,832	33.7	55	9.1	137	14.5	1,584	26.0	2,054	54.8
White Hispanic	5,858	51.4	467	77.6	633	67.0	3,547	58.2	1,208	32.3
Black	1,165	10.2	70	11.6	131	13.9	676	11.1	288	7.7
Other	532	4.7	10	1.7	44	4.7	283	4.6	195	5.2
Low Weight Births (<2,500 Grams)	1,077	9.5	72	12.0	92	9.7	533	8.8	380	10.1
Very Low Weight Births (<1,500 Grams)	181	1.6	14	2.3	16	1.7	97	1.6	54	1.4
Prenatal Care Later than 1st Trimester/No Care	3,240	29.3	271	46.1	381	41.2	1,905	32.1	681	18.9
No Prenatal Care	173	1.6	18	3.1	17	1.8	101	1.7	37	1.0
Preterm Births (<37 Weeks)	1,093	9.6	66	11.0	92	9.7	539	8.9	395	10.5
Education of Mother <12 Years	4,326	38.0	548	91.0	567	60.0	2,457	40.3	751	20.0
Live Births to Unmarried Women	3,733	32.8	502	83.4	584	61.8	2,112	34.7	532	14.2
Smoking During Pregnancy	815	7.2	51	8.5	91	9.7	475	7.8	198	5.3

* 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: Denver county residents, 2001

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Characteristic										
Total Live Births	3,832	100.0	5,858	100.0	1,165	100.0	424	100.0	108	100.0
Age of Mother										
10-17	55	1.4	467	8.0	70	6.0	*	*	8	7.4
18-19	137	3.6	633	10.8	131	11.2	22	5.2	22	20.4
20-29	1,584	41.3	3,547	60.5	676	58.0	219	51.7	64	59.3
30+	2,054	53.6	1,208	20.6	288	24.7	181	42.7	14	13.0
Low Weight Births (<2,500 Grams)	362	9.5	492	8.4	176	15.1	39	9.2	8	7.4
Very Low Weight Births (<1,500 Grams)	51	1.3	88	1.5	36	3.1	5	1.2	*	*
Prenatal Care Later than 1st Trimester/No Care	411	11.3	2,370	41.1	334	29.6	84	20.5	41	38.7
No Prenatal Care	22	0.6	109	1.9	33	2.9	7	1.7	*	*
Preterm Births (<37 Weeks)	360	9.4	532	9.1	164	14.1	28	6.6	8	7.4
Education of Mother <12 Years	302	7.9	3,674	62.7	249	21.4	58	13.7	43	39.8
Live Births to Unmarried Women	659	17.2	2,278	38.9	682	58.5	53	12.5	59	54.6
Smoking During Pregnancy	341	8.9	293	5.0	153	13.2	15	3.5	13	12.0

* 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 with 95% confidence limits by age of mother: Denver county residents, 2001

	Births	Population	Fertility Rate	Lower Limit	Upper Limit
Age Group					
All Ages	11,390	128,569	88.6	87.0	90.1
Teenage Group					
13-14	35	5,913	5.9	3.9	8.0
15-17	567	8,939	63.4	58.3	68.5
18-19	945	6,760	139.8	131.5	148.1
10-17	602	24,434	24.6	22.7	26.6
10-19	1,547	31,194	49.6	47.2	52.0
All Age Groups					
10-14	35	15,495	2.3	1.5	3.0
15-19	1,512	15,699	96.3	91.7	101.0
20-24	3,148	20,261	155.4	150.4	160.4
25-29	2,942	26,988	109.0	105.3	112.7
30-34	2,398	25,068	95.7	92.0	99.3
35-39	1,109	20,870	53.1	50.1	56.2
40-49	239	38,452	6.2	5.4	7.0

** 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 explanation of confidence limits.

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

Vital statistics summary: Denver county residents, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Total Population	475,184	527,440	533,407	545,513	555,630	559,615	544,321
Total Births							
Number	8,820	9,280	9,833	10,155	10,988	11,390	10,329
Birth Rate	18.6	17.6	18.4	18.6	19.8	20.4	19.0
General Fertility Rate	76.4	74.1	78.0	79.1	84.3	88.6	80.9
Age of Mother 10-17							
Number	585	642	615	651	653	602	633
Percent of Total Births	6.6	6.9	6.3	6.4	5.9	5.3	6.1
Fertility Rate	30.3	28.8	27.1	27.8	27.2	24.6	27.1
Low Weight Births (<2,500 Grams)							
Number	909	928	951	935	1,047	1,077	988
Percent	10.3	10.0	9.7	9.2	9.5	9.5	9.6
Prenatal Care Later Than 1st Trimester							
Number	2,231	2,170	2,268	2,649	2,962	3,240	2,658
Percent	25.5	23.6	23.3	26.5	27.6	29.3	26.2
Births to Unmarried Women							
Number	3,383	3,416	3,535	3,547	3,733	3,733	3,593
Percent	38.4	36.8	36.0	34.9	34.0	32.8	34.8
Mother's Education <12 Years							
Number	2,725	3,272	3,353	3,630	4,078	4,326	3,732
Percent	31.7	36.0	34.7	36.3	37.7	38.6	36.8
Infant Deaths							
Number	95	72	84	63	66	60	69
Rate	10.8	7.8	8.5	6.2	6.0	5.3	6.7
Neonatal Deaths							
Number	54	49	61	35	47	50	48
Rate	6.1	5.3	6.2	3.4	4.3	4.4	4.7
Total Deaths							
Number	4,719	4,692	4,753	4,668	4,557	4,476	4,629
Crude Rate	993.1	889.6	891.1	855.7	820.2	799.8	850.5
Age-Adjusted Rate	976.5	929.4	941.4	912.6	883.2	862.6	905.4
Cardiovascular Disease							
Number	1,553	1,518	1,492	1,554	1,499	1,448	1,502
Age-Adjusted Rate	322.3	301.6	296.5	304.8	291.9	281.7	295.3
Heart Disease							
Number	1,253	1,184	1,192	1,076	1,028	975	1,091
Age-Adjusted Rate	260.8	235.8	237.6	211.7	201.2	190.8	215.3

(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: Denver county residents, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Cerebrovascular Disease							
Number	267	304	287	302	273	262	286
Age-Adjusted Rate	54.6	59.8	56.4	58.8	52.7	50.5	55.6
Malignant Neoplasms							
Number	1,021	968	955	927	931	958	948
Age-Adjusted Rate	213.0	196.1	194.4	185.9	186.3	190.4	190.6
Lung Cancer							
Number	226	222	211	215	210	215	215
Age-Adjusted Rate	47.5	45.2	43.5	44.0	43.1	43.5	43.9
Breast Cancer							
Number	101	85	83	73	75	71	77
Age-Adjusted Rate	21.1	17.3	17.2	14.6	14.8	14.0	15.5
Total Unintentional Injuries							
Number	212	251	265	285	305	302	282
Age-Adjusted Rate	43.8	47.1	50.4	53.5	55.7	54.6	52.3
Motor Vehicle							
Number	72	89	86	69	99	105	90
Age-Adjusted Rate	14.5	16.6	16.0	12.9	17.8	18.4	16.4
Other Unintentional Injuries							
Number	140	162	179	216	206	197	192
Age-Adjusted Rate	29.3	30.5	34.4	40.6	37.9	36.2	36.0
Chronic Lower Respiratory Diseases							
Number	278	269	287	319	283	273	286
Age-Adjusted Rate	57.0	54.1	57.6	63.7	56.1	54.8	57.2
Suicide							
Number	100	80	74	68	90	73	77
Age-Adjusted Rate	20.3	14.7	13.7	12.5	16.3	13.2	14.1
Homicide and Legal Intervention							
Number	78	62	51	53	36	43	49
Age-Adjusted Rate	15.9	11.7	8.8	9.0	6.3	7.0	8.5
Work-Related Injury							
Number	6	11	14	18	17	19	16
Age-Adjusted Rate	1.4	1.9	2.6	3.4	3.1	3.5	2.9

** 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: Denver county residents, 2001

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	4,476	100.0	3,102	100.0	750	100.0	532	100.0	50	100.0	42	100.0
Cardiovascular Disease	1,448	32.4	1,078	34.8	178	23.7	168	31.6	16	32.0	8	19.0
Heart Disease	975	21.8	724	23.3	124	16.5	112	21.1	10	20.0	5	11.9
Cerebrovascular Disease	262	5.9	195	6.3	30	4.0	33	6.2	*	*	*	*
Atherosclerosis	136	3.0	108	3.5	14	1.9	10	1.9	3	6.0	*	*
Malignant Neoplasms	958	21.4	641	20.7	165	22.0	133	25.0	11	22.0	8	19.0
Lung Cancer	215	4.8	151	4.9	23	3.1	36	6.8	5	10.0	0	0.0
Breast Cancer	71	1.6	48	1.5	12	1.6	9	1.7	0	0.0	*	*
Chronic Lower Respiratory Disease	273	6.1	228	7.4	24	3.2	19	3.6	*	*	*	*
Unintentional Injuries	302	6.7	165	5.3	102	13.6	27	5.1	4	8.0	4	9.5
Motor Vehicle	105	2.3	44	1.4	44	5.9	15	2.8	*	*	0	0.0
Other Unintentional Injuries	197	4.4	121	3.9	58	7.7	12	2.3	*	*	4	9.5
Pneumonia and Influenza	80	1.8	66	2.1	7	0.9	5	0.9	0	0.0	*	*
Suicide	73	1.6	49	1.6	15	2.0	8	1.5	0	0.0	*	*
Diabetes Mellitus	95	2.1	55	1.8	24	3.2	15	2.8	0	0.0	*	*
HIV Infection	42	0.9	23	0.7	7	0.9	10	1.9	0	0.0	*	*
Chronic Liver Disease and Cirrhosis	78	1.7	36	1.2	35	4.7	4	0.8	*	*	*	*
Alzheimer's Disease	133	3.0	115	3.7	8	1.1	9	1.7	0	0.0	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	72	1.6	47	1.5	11	1.5	12	2.3	*	*	0	0.0
Homicide and Legal Intervention	43	1.0	13	0.4	16	2.1	11	2.1	*	*	*	*
Septicemia	45	1.0	30	1.0	7	0.9	7	1.3	0	0.0	*	*
Congenital Anomalies	17	0.4	5	0.2	6	0.8	3	0.6	3	6.0	0	0.0
Perinatal Period Conditions	40	0.9	10	0.3	20	2.7	9	1.7	*	*	0	0.0
All Other	777	17.4	541	17.4	125	16.7	92	17.3	9	18.0	10	23.8
Injury by Firearm	59	1.3	30	1.0	17	2.3	11	2.1	0	0.0	*	*
Drug-Induced Deaths	86	1.9	50	1.6	28	3.7	8	1.5	0	0.0	0	0.0
Alcohol-Induced Deaths	125	2.8	71	2.3	42	5.6	8	1.5	0	0.0	4	9.5
Work-Related Injury (Y/N Check Death Certificate)	19	0.4	12	0.4	5	0.7	*	*	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 with 95% confidence limits: Denver county residents, 2001

Age Group	Deaths	Population	Age-Specific Death Rate	Lower Limit	Upper Limit
All Ages	4,476	559,615	8.0	7.8	8.2
Infant	60	11,390	5.3	3.9	6.6
Neonatal	50	11,390	4.4	3.1	5.6
1-4	4	31,744	0.1	0.0	0.3
5-9	6	34,543	0.2	0.0	0.3
10-14	14	31,911	0.4	0.2	0.7
15-19	20	32,450	0.6	0.3	0.9
20-24	39	42,503	0.9	0.6	1.2
25-29	60	57,605	1.0	0.8	1.3
30-34	75	55,029	1.4	1.0	1.7
35-39	95	45,633	2.1	1.7	2.5
40-44	164	41,247	4.0	3.4	4.6
45-49	187	38,399	4.9	4.2	5.6
50-54	203	34,461	5.9	5.1	6.7
55-59	181	24,007	7.5	6.4	8.7
60-64	240	17,561	13.7	11.9	15.4
65-69	299	14,939	20.0	17.7	22.3
70-74	415	14,767	28.1	25.4	30.8
75-79	602	13,696	44.0	40.5	47.4
80-84	616	9,556	64.5	59.5	69.4
85+	1,196	8,419	142.1	134.5	149.6
1-14	24	98,198	0.2	0.1	0.3
15-24	59	74,953	0.8	0.6	1.0
25-64	1,205	313,942	3.8	3.6	4.1
65+	3,128	61,377	51.0	49.2	52.7

** 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 rates from selected causes: Denver county residents, 2001

Cause of Death	<1		1-14		15-25		25-44		45-64		65+	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Causes	60	5.3	24	0.2	59	0.8	394	2.0	811	7.1	3,128	51.0
Cardiovascular Disease	*	*	*	*	3	0.0	35	0.2	179	1.6	1,229	20.0
Heart Disease	0	0.0	*	*	3	0.0	25	0.1	141	1.2	805	13.1
Cerebrovascular Disease	*	*	0	0.0	0	0.0	7	0.0	25	0.2	229	3.7
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	136	2.2
Malignant Neoplasms	0	0.0	4	0.0	*	*	51	0.3	218	1.9	683	11.1
Lung Cancer	0	0.0	0	0.0	0	0.0	3	0.0	40	0.3	172	2.8
Breast Cancer	0	0.0	0	0.0	0	0.0	11	0.1	16	0.1	44	0.7
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	*	*	41	0.4	230	3.7
Unintentional Injuries	*	*	9	0.1	28	0.4	111	0.6	74	0.6	79	1.3
Motor Vehicle	0	0.0	6	0.1	18	0.2	46	0.2	20	0.2	15	0.2
Other Unintentional Injuries	*	*	3	0.0	10	0.1	65	0.3	54	0.5	64	1.0
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	6	0.0	8	0.1	66	1.1
Suicide	0	0.0	0	0.0	9	0.1	31	0.2	21	0.2	12	0.2
Diabetes Mellitus	0	0.0	0	0.0	*	*	7	0.0	23	0.2	64	1.0
HIV Infection	0	0.0	0	0.0	0	0.0	24	0.1	18	0.2	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	17	0.1	40	0.3	21	0.3
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	132	2.2
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	*	*	12	0.1	58	0.9
Homicide and Legal Intervention	*	*	*	*	10	0.1	21	0.1	7	0.1	*	*
Septicemia	0	0.0	0	0.0	*	*	4	0.0	10	0.1	30	0.5
Congenital Anomalies	8	0.7	3	0.0	0	0.0	*	*	*	*	*	*
Perinatal Period Conditions	40	3.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	9	0.8	5	0.1	5	0.1	81	0.4	157	1.4	520	8.5
Injury by Firearm	0	0.0	*	*	13	0.2	22	0.1	12	0.1	10	0.2
Drug-Induced Deaths	0	0.0	0	0.0	5	0.1	46	0.2	33	0.3	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	43	0.2	67	0.6	15	0.2
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	*	*	9	0.0	6	0.1	*	*

* indicates one or two 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.

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:
Denver county residents, 2001**

	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
Cause of Death					
All Causes	4,476	799.8	862.6	837.9	887.3
Cardiovascular Disease	1,448	258.7	281.7	267.4	296.0
Heart Disease	975	174.2	190.8	178.9	202.7
Cerebrovascular Disease	262	46.8	50.5	44.4	56.6
Atherosclerosis	136	24.3	25.8	21.5	30.1
Malignant Neoplasms	958	171.2	190.4	178.3	202.4
Lung Cancer	215	38.4	43.5	37.7	49.4
Breast Cancer	71	12.7	14.0	10.8	17.3
Chronic Lower Respiratory Diseases	273	48.8	54.8	48.3	61.3
Unintentional Injuries	302	54.0	54.6	48.4	60.9
Motor Vehicle	105	18.8	18.4	14.8	22.0
Other Unintentional Injuries	194	34.7	35.7	30.6	40.8
Pneumonia and Influenza	80	14.3	15.4	12.0	18.8
Suicide	73	13.0	13.2	10.2	16.3
Diabetes Mellitus	95	17.0	18.8	15.0	22.7
HIV Infection	42	7.5	7.6	5.3	9.9
Chronic Liver Disease and Cirrhosis	78	13.9	15.1	11.7	18.5
Alzheimer's Disease	133	23.8	25.1	20.9	29.4
Nephritis, Nephrosis, Nephrotic Syndrome	72	12.9	14.1	10.8	17.4
Homicide and Legal Intervention	43	7.7	7.0	4.8	9.1
Septicemia	45	8.0	8.5	6.0	11.0
Congenital Anomalies	17	3.0	2.9	1.5	4.3
Perinatal Period Conditions	40	7.1	5.0	3.4	6.5
All Other	777	138.8	148.5	138.1	159.0
Injury by Firearm	59	10.5	10.3	7.6	12.9
Drug-Induced Deaths	86	15.4	15.3	12.0	18.5
Alcohol-Induced Deaths	125	22.3	23.4	19.3	27.5
Work-Related Injury (Y/N Check Death Certificate)	19	3.4	3.5	1.9	5.1

** 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.