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## Jefferson County Births and Deaths 2000

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

CHARACTERISTIC	NUMBER	PERCENT	LOWER LIMIT	UPPER LIMIT
Total Live Births	6,703	100.0	100.0	100.0
Age of Mother				
10-17	193	2.9	2.5	3.3
18-19	338	5.0	4.5	5.6
20-29	3,021	45.1	43.9	46.3
30+	3,149	47.0	45.8	48.2
Low Weight Births (<2,500 Grams)	564	8.4	7.7	9.1
Very Low Weight Births (<1,500 Grams)	92	1.4	1.1	1.7
Prenatal Care Later than 1st Trimester	619	9.4	8.7	10.1
No Prenatal Care	21	0.3	0.2	0.5
Preterm Births (<37 Weeks)	559	8.3	7.7	9.0
Education of Mother <12 Years	782	11.8	11.0	12.6
Births to Unmarried Women	1,176	17.5	16.6	18.5
Smoking During Pregnancy	512	7.7	7.0	8.3

\*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: Jefferson County residents, 2000

CHARACTERISTIC	ALL AGES		10-17		18-19		20-29		30+	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	6,703	100.0	193	100.0	338	100.0	3,021	100.0	3,149	100.0
Race/Ethnicity of Mother										
White/Non-Hispanic	5,412	80.8	114	59.1	234	69.4	2,314	76.6	2,748	87.3
White/Hispanic	927	13.8	64	33.2	76	22.6	534	17.7	253	8.0
Black	68	1.0	7	3.6	8	2.4	26	0.9	27	0.9
Other	293	4.4	8	4.1	19	5.6	145	4.8	121	3.8
Low Weight Births (<2,500 Grams)	564	8.4	15	7.8	29	8.6	237	7.8	282	9.0
Very Low Weight Births (<1,500 Grams)	92	1.4	*	*	4	1.2	37	1.2	49	1.6
Prenatal Care Started after 1st Trimester	619	9.4	63	33.3	77	23.2	346	11.7	133	4.3
No Prenatal Care	21	0.3	4	2.1	*	*	13	0.4	*	*
Preterm Births (<37 Weeks)	559	8.3	15	7.8	23	6.8	219	7.3	301	9.6
Education of Mother <12 Years	782	11.8	166	87.8	136	41.0	388	13.0	92	2.9
Births to Unmarried Women	1,176	17.5	163	84.5	215	63.6	637	21.1	159	5.0
Smoking During Pregnancy	512	7.7	31	16.2	55	16.5	282	9.4	144	4.6

\*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: Jefferson County residents, 2000

CHARACTERISTIC	WHITE/ NON-HISPANIC		WHITE /HISPANIC		BLACK		ASIAN		AMERICAN INDIAN	
	N	%	N	%	N	%	N	%	N	%
Total Live Births	5,412	100.0	927	100.0	68	100.0	233	100.0	59	100.0
Age of Mother										
10-17	114	2.1	64	6.9	7	10.3	6	2.6	*	*
18-19	234	4.3	76	8.2	8	11.8	10	4.3	9	15.3
20-29	2,314	42.8	534	57.6	26	38.2	115	49.4	29	49.2
30+	2,748	50.8	253	27.3	27	39.7	102	43.8	19	32.2
Low Weight Births (<2,500 Grams)	444	8.2	87	9.4	5	7.4	24	10.3	*	*
Very Low Weight Births (<1,500 Grams)	73	1.3	13	1.4	*	*	4	1.7	*	*
Prenatal Care Later than 1st Trimester	388	7.3	180	19.8	12	18.5	29	12.7	10	17.2
No Prenatal Care	13	0.2	7	0.8	*	*	*	*	*	*
Preterm Births (<37 Weeks)	444	8.2	82	8.8	7	10.3	21	9.0	4	6.8
Education of Mother <12 Years	425	7.9	303	33.2	15	22.1	30	13.1	9	15.3
Live Births to Unmarried Women	789	14.6	310	33.4	26	38.2	25	10.7	25	42.4
Mother Smoking During Pregnancy	429	8.0	64	6.9	9	13.2	3	1.3	6	10.2

\*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: Jefferson County residents, 2000

	BIRTHS	POPULATION	FERTILITY RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	6,703	116,195	57.7	56.3	59.0
TEENAGE GROUP					
13-14	8	7,764	1.0	0.3	1.8
15-17	185	11,529	16.0	13.7	18.4
18-19	338	6,041	56.0	50.1	61.8
10-17	193	30,720	6.3	5.4	7.2
10-19	531	36,761	14.4	13.2	15.7
ALL AGE GROUPS					
10-14	8	19,191	0.4	0.1	0.7
15-19	523	17,570	29.8	27.2	32.3
20-24	1,296	14,085	92.0	87.2	96.8
25-29	1,725	16,344	105.5	100.8	110.3
30-34	1,934	18,781	103.0	98.6	107.3
35-39	1,011	24,231	41.7	39.2	44.3
40-49	204	48,653	4.2	3.6	4.8

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

	1990	1996	1997	1998	1999	2000	1996-2000 ANNUAL AVERAGE
TOTAL POPULATION	439,888	498,047	504,234	512,483	520,814	529,952	513,106
Total Births							
Number	6,711	6,333	6,386	6,382	6,597	6,703	6,480
Birth Rate	15.3	12.7	12.7	12.5	12.7	12.6	12.6
General Fertility Rate	61.0	54.9	55.4	55.2	57.0	57.7	56.0
Age of Mother 10-17							
Number	158	163	194	176	168	193	179
Percent of Total Births	2.4	2.6	3.0	2.8	2.5	2.9	2.8
Fertility Rate	6.6	5.8	6.8	6.0	5.6	6.3	6.1
Low Weight Births (<2,500 Grams)							
Number	505	518	517	526	517	563	528
Percent	7.5	8.2	8.1	8.2	7.8	8.4	8.2
Prenatal Care Later Than 1st Trimester							
Number	880	652	586	593	553	619	601
Percent	13.2	10.4	9.2	9.3	8.4	9.4	9.3
Births to Unmarried Women							
Number	949	1,073	1,191	1,168	1,169	1,176	1,155
Percent	14.1	16.9	18.7	18.3	17.7	17.5	17.8
Mother's Education <12 Years							
Number	689	573	662	716	730	782	693
Percent	10.4	9.1	10.5	11.3	11.2	11.8	10.8
Infant Deaths							
Number	64	36	36	30	30	43	35
Rate	9.5	5.7	5.6	4.7	4.5	6.4	5.4
Neonatal Deaths							
Number	37	26	24	17	17	30	23
Rate	5.50	4.10	3.80	2.70	2.60	4.50	3.50
Total Deaths							
Number	2,419	2,868	2,982	3,094	3,124	3,123	3,038
Crude Rate	549.9	575.8	591.4	603.7	599.8	589.3	592.1
Age-Adjusted Rate	859.0	788.7	789.0	795.7	773.0	741.9	776.8
Cardiovascular Disease							
Number	806	924	913	940	1,104	1,106	997
Age-Adjusted Rate	309.6	266.8	252.1	252.4	287.9	273.6	267.1
Heart Disease							
Number	658	745	736	748	714	701	729
Age-Adjusted Rate	251.2	213.2	201.9	200.4	183.1	170.7	193.0
Cerebrovascular Disease							
Number	142	169	169	182	203	200	185
Age-Adjusted Rate	56.3	50.7	47.8	49.3	53.5	49.7	50.2
Malignant Neoplasms							
Number	583	652	683	715	715	664	686
Age-Adjusted Rate	193.8	170.0	170.7	174.3	168.2	152.0	166.8
Lung Cancer							
Number	141	160	169	164	160	159	162
Age-Adjusted Rate	47.1	41.6	41.7	39.4	38.8	36.5	39.6
Breast Cancer							
Number	54	60	54	55	59	44	54
Age-Adjusted Rate	15.9	14.4	12.7	12.7	13.3	9.7	12.5
Total Unintentional Injuries							
Number	101	136	119	124	127	160	133
Age-Adjusted Rate	26.4	30.0	25.8	27.8	27.1	33.1	28.9
Motor Vehicle							
Number	58	58	55	47	47	60	53
Age-Adjusted Rate	13.9	11.8	11.3	9.7	9.4	11.4	10.7
Other Unintentional Injuries							
Number	43	78	64	77	80	100	80
Age-Adjusted Rate	12.5	18.3	14.6	18.1	17.7	21.7	18.2
Chronic Lower Respiratory Diseases							
Number	157	188	226	216	221	225	215
Age-Adjusted Rate	57.8	53.8	62.2	57.3	55.7	55.6	56.9
Suicide							
Number	56	73	88	77	89	65	78
Age-Adjusted Rate	14.8	15.1	16.8	15.3	17.3	12.3	15.3
Homicide and Legal Intervention							
Number	10	12	11	23	23	10	16
Age-Adjusted Rate	2.1	2.4	2.2	4.4	4.5	1.9	3.1
Work-Related Injury							
Number	7	10	7	6	*	8	7
Age-Adjusted Rate	1.6	1.9	1.2	1.4	*	1.4	1.2

\*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: Jefferson 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	3,123	100.0	2,901	100.0	159	100.0	19	100.0	32	100.0	11	100.0
Cardiovascular Disease	1,106	35.4	1,052	36.3	35	22.0	6	31.6	10	31.3	3	27.3
Heart Disease	701	22.4	670	23.1	18	11.3	4	21.1	7	21.9	*	*
Cerebrovascular Disease	200	6.4	191	6.6	6	3.8	*	*	*	*	*	*
Atherosclerosis	153	4.9	145	5.0	8	5.0	*	*	*	*	*	*
Malignant Neoplasms	664	21.3	620	21.4	30	18.9	5	26.3	7	21.9	*	*
Lung Cancer	159	5.1	152	5.2	4	2.5	*	*	*	*	*	*
Breast Cancer	44	1.4	42	1.4	*	*	*	*	*	*	*	*
Chronic Lower Respiratory Disease	225	7.2	218	7.5	5	3.1	*	*	*	*	*	*
Unintentional Injuries	160	5.1	138	4.8	14	8.8	*	*	5	15.6	*	*
Motor Vehicle	60	1.9	46	1.6	9	5.7	*	*	3	9.4	*	*
Other Unintentional Injuries	100	3.2	92	3.2	5	3.1	*	*	*	*	*	*
Pneumonia and Influenza	67	2.1	63	2.2	4	2.5	*	*	*	*	*	*
Suicide	65	2.1	59	2.0	4	2.5	*	*	*	*	*	*
Diabetes Mellitus	65	2.1	59	2.0	4	2.5	*	*	*	*	*	*
HIV Infection	4	0.1	4	0.1	*	*	*	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	43	1.4	34	1.2	8	5.0	*	*	*	*	*	*
Alzheimer's Disease	70	2.2	63	2.2	7	4.4	*	*	*	*	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	38	1.2	31	1.1	6	3.8	*	*	*	*	*	*
Homicide and Legal Intervention	10	0.3	8	0.3	*	*	*	*	*	*	*	*
Septicemia	36	1.2	34	1.2	*	*	*	*	*	*	*	*
Congenital Anomalies	15	0.5	12	0.4	*	*	*	*	*	*	*	*
Perinatal Period Conditions	20	0.6	16	0.6	4	2.5	*	*	*	*	*	*
All Other	535	17.1	490	16.9	33	20.8	4	21.1	5	15.6	3	27.3
Injury by Firearm	36	1.2	33	1.1	*	*	*	*	*	*	*	*
Drug-Induced Deaths	47	1.5	40	1.4	6	3.8	*	*	*	*	*	*
Alcohol-Induced Deaths	50	1.6	41	1.4	7	4.4	*	*	*	*	*	*
Work-Related Injury	8	0.3	7	0.2	*	*	*	*	*	*	*	*

\*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: Jefferson County residents, 2000

AGE GROUP	DEATHS	POPULATION	AGE-SPECIFIC DEATH RATE	LOWER LIMIT	UPPER LIMIT
ALL AGES	3,123	529,952	5.9	5.7	6.1
INFANT	43	6,703	6.4	4.4	8.4
NEONATAL	30	6,703	4.5	2.8	6.1
1-4	4	26,605	0.2	0.0	0.3
5-9	5	37,055	0.1	0.0	0.3
10-14	12	39,914	0.3	0.1	0.5
15-19	25	36,936	0.7	0.4	1.0
20-24	22	29,654	0.7	0.4	1.1
25-29	23	33,674	0.7	0.4	1.0
30-34	26	37,719	0.7	0.4	1.0
35-39	62	47,335	1.3	1.0	1.6
40-44	75	50,519	1.5	1.1	1.8
45-49	90	46,458	1.9	1.5	2.3
50-54	130	39,253	3.3	2.7	3.9
55-59	135	27,470	4.9	4.1	5.8
60-64	171	19,370	8.8	7.5	10.2
65-69	231	15,516	14.9	13.0	16.8
70-74	318	13,038	24.4	21.7	27.1
75-79	402	10,538	38.1	34.4	41.9
80-84	480	6,532	73.5	67.1	79.9
85+	869	5,691	152.7	143.3	162.1
1-14	21	103,574	0.2	0.1	0.3
15-24	47	66,590	0.7	0.5	0.9
25-64	712	301,798	2.4	2.2	2.5
65+	2,300	51,315	44.8	43.0	46.6

\*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: Jefferson 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	43	6.4	21	0.2	47	0.7	186	1.1	526	4.0	2,300	44.8
Cardiovascular Disease	*	*	3	0.0	*	*	31	0.2	137	1.0	934	18.2
Heart Disease	*	*	*	*	*	*	22	0.1	108	0.8	568	11.1
Cerebrovascular Disease	*	*	*	*	*	*	7	0.0	20	0.2	172	3.4
Atherosclerosis	*	*	*	*	*	*	*	*	*	*	150	2.9
Malignant Neoplasms	*	*	5	0.0	3	0.0	21	0.1	176	1.3	459	8.9
Lung Cancer	*	*	*	*	*	*	*	*	46	0.3	112	2.2
Breast Cancer	*	*	*	*	*	*	*	*	18	0.1	24	0.5
Chronic Lower Respiratory Diseases	*	*	*	*	*	*	*	*	21	0.2	201	3.9
Unintentional Injuries	*	*	*	*	22	0.3	51	0.3	31	0.2	54	1.1
Motor Vehicle	*	*	*	*	14	0.2	25	0.1	11	0.1	9	0.2
Other Unintentional Injuries	*	*	*	*	8	0.1	26	0.2	20	0.2	45	0.9
Pneumonia and Influenza	*	*	*	*	*	*	*	*	7	0.1	58	1.1
Suicide	*	*	4	0.0	9	0.1	23	0.1	20	0.2	9	0.2
Diabetes Mellitus	*	*	*	*	*	*	7	0.0	11	0.1	47	0.9
HIV Infection	*	*	*	*	*	*	*	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	*	*	*	*	*	*	8	0.0	27	0.2	8	0.2
Alzheimer's Disease	*	*	*	*	*	*	*	*	*	*	70	1.4
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*	*	*	*	6	0.0	30	0.6
Homicide and Legal Intervention	*	*	*	*	3	0.0	4	0.0	*	*	*	*
Septicemia	*	*	*	*	*	*	*	*	7	0.1	28	0.5
Congenital Anomalies	7	1.0	*	*	*	*	*	*	3	0.0	*	*
Perinatal Period Conditions	20	3.0	*	*	*	*	*	*	*	*	*	*
All Other	15	2.2	3	0.0	10	0.2	31	0.2	77	0.6	399	7.8
Injury by Firearm	*	*	*	*	6	0.1	15	0.1	8	0.1	6	0.1
Drug-Induced Deaths	*	*	*	*	5	0.1	21	0.1	14	0.1	6	0.1
Alcohol-Induced Deaths	*	*	*	*	*	*	15	0.1	34	0.3	*	*
Work-Related Injury	*	*	*	*	*	*	3	0.0	4	0.0	*	*

\*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: Jefferson County residents, 2000**

CAUSE OF DEATH (ICD-10)	DEATHS	CRUDE RATE	AGE-ADJUSTED DEATH RATE		
			RATE	LOWER LIMIT	UPPER LIMIT
TOTAL	3,123	589.3	741.9	716.5	767.2
Cardiovascular Disease	1,106	208.7	273.6	257.6	289.5
Heart Disease	701	132.3	170.7	158.0	183.3
Cerebrovascular Disease	200	37.7	49.7	42.8	56.7
Atherosclerosis	153	28.9	40.6	34.2	47.0
Malignant Neoplasms	664	125.3	152.0	140.3	163.6
Lung Cancer	159	30.0	36.5	30.8	42.3
Breast Cancer	44	8.3	9.7	6.8	12.6
Chronic Lower Respiratory Diseases	225	42.5	55.6	48.3	62.9
Unintentional Injuries	160	30.2	33.1	27.8	38.3
Motor Vehicle	60	11.3	11.4	8.5	14.3
Other Unintentional Injuries	100	18.9	21.7	17.3	26.0
Pneumonia and Influenza	67	12.6	17.0	12.9	21.0
Suicide	65	12.3	12.3	9.3	15.3
Diabetes Mellitus	65	12.3	15.2	11.4	18.9
HIV Infection	4	0.8	0.7	0.0	1.4
Chronic Liver Disease and Cirrhosis	43	8.1	7.9	5.5	10.3
Alzheimer's Disease	70	13.2	18.7	14.3	23.0
Nephritis, Nephrosis, Nephrotic Syndrome	38	7.2	9.3	6.3	12.2
Homicide and Legal Intervention	10	1.9	1.9	0.7	3.2
Septicemia	36	6.8	8.6	5.8	11.5
Congenital Anomalies	15	2.8	3.0	1.5	4.6
Perinatal Period Conditions	20	3.8	4.1	2.3	6.0
All Other	535	101.0	129.0	118.0	140.0
Injury by Firearm	36	6.8	6.9	4.6	9.2
Drug-Induced Deaths	47	8.9	8.6	6.1	11.1
Alcohol-Induced Deaths	50	9.4	8.5	6.2	10.9
Work-Related Injury	8	1.5	1.4	0.4	2.3

\*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.