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Mesa County Births and Deaths 2004

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Selected birth characteristics: Mesa county residents, 2004

Characteristic	Number	Percent
Total Live Births	1,711	100.0
Age of Mother		
10-17	69	4.0
18-19	158	9.2
20-29	1,028	60.1
30+	456	26.7
Low Weight Births (<2,500 Grams)	146	8.5
Very Low Weight Births (<1,500 Grams)	22	1.3
Prenatal Care Later than 1st Trimester/No Care	210	12.3
No Prenatal Care	12	0.7
Preterm Births (<37 Weeks)	147	8.6
Education of Mother <12 Years	376	22.0
Live Births to Unmarried Women	390	22.8
Smoking During Pregnancy	316	18.5

** 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 age group of mother: Mesa county residents, 2004

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	1,711	100.0	69	100.0	158	100.0	1,028	100.0	456	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	1,375	80.4	49	71.0	109	69.0	844	82.1	373	81.8
White Hispanic	300	17.5	19	27.5	42	26.6	167	16.2	72	15.8
Black	9	0.5	0	0.0	3	1.9	5	0.5	*	*
Other	27	1.6	*	*	4	2.5	12	1.2	10	2.2
Low Weight Births (<2,500 Grams)	146	8.5	7	10.1	13	8.2	75	7.3	51	11.2
Very Low Weight Births (<1,500 Grams)	22	1.3	3	4.3	3	1.9	7	0.7	9	2.0
Prenatal Care Later than 1st Trimester/No Care	210	12.3	24	34.8	23	14.6	131	12.8	32	7.0
No Prenatal Care	12	0.7	0	0.0	*	*	9	0.9	*	*
Preterm Births (<37 Weeks)	147	8.6	5	7.2	18	11.4	74	7.2	50	11.0
Education of Mother <12 Years	376	22.0	64	92.8	76	48.1	190	18.5	46	10.1
Live Births to Unmarried Women	390	22.8	51	73.9	75	47.5	229	22.3	35	7.7
Smoking During Pregnancy	316	18.5	14	20.3	38	24.1	208	20.2	56	12.3

** 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: Mesa county residents, 2004

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	1,375	100.0	300	100.0	9	100.0	13	100.0	14	100.0
Age of Mother										
10-17	49	3.6	19	6.3	0	0.0	*	*	0	0.0
18-19	109	7.9	42	14.0	3	33.3	*	*	*	*
20-29	844	61.4	167	55.7	5	55.6	3	23.1	9	64.3
30+	373	27.1	72	24.0	*	*	7	53.8	3	21.4
Low Weight Births (<2,500 Grams)	117	8.5	26	8.7	*	*	*	*	0	0.0
Very Low Weight Births (<1,500 Grams)	16	1.2	4	1.3	*	*	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	167	12.2	41	13.7	0	0.0	0	0.0	*	*
No Prenatal Care	11	0.8	*	*	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	112	8.1	30	10.0	*	*	4	30.8	0	0.0
Education of Mother <12 Years	223	16.2	148	49.3	0	0.0	3	23.1	*	*
Live Births to Unmarried Women	278	20.2	100	33.3	6	66.7	*	*	4	28.6
Smoking During Pregnancy	279	20.3	31	10.3	*	*	0	0.0	5	35.7

** 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 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: Mesa county residents, 2004

Age Group	Births	Population	Fertility Rate
All Ages	1,711	25,588	66.9
Teen Age Groups			
13-14	4	1,737	2.3
15-17	65	2,804	23.2
18-19	158	2,199	71.9
10-17	69	7,050	9.8
10-19	227	9,249	24.5
All Age Groups			
10-14	4	4,246	0.9
15-19	223	5,003	44.6
20-24	531	4,550	116.7
25-29	497	3,663	135.7
30-34	279	3,781	73.8
35-39	141	3,799	37.1
40-49	36	9,772	3.7

** 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 definitions of data items.
 Source: Health Statistics Section, Colorado Department of Public Health and Environment.*

Vital statistics summary: Mesa county residents, 1994, 2000-2004

	1994	2000	2001	2002	2003	2004	2000-2004 Annual Average
Total Population	102,766	117,653	119,964	122,459	125,070	127,796	122,588
Total Births							
Number	1,307	1,473	1,492	1,553	1,662	1,711	1,578
Birth Rate	12.7	12.5	12.4	12.7	13.3	13.4	12.9
General Fertility Rate	59.6	61.8	61.8	63.1	65.9	66.9	64.0
Age of Mother 10-17							
Number	83	70	61	66	75	69	68
Percent of Total Births	6.4	4.8	4.1	4.2	4.5	4.0	4.3
Fertility Rate	14.1	10.2	8.8	9.5	10.6	9.8	9.8
Low Weight Births (<2,500 Grams)							
Number	84	104	96	123	126	146	119
Percent	6.4	7.1	6.4	7.9	7.6	8.5	7.5
Prenatal Care Later Than 1st Trimester							
Number	241	216	224	242	257	210	230
Percent	18.5	14.7	15.0	15.6	15.5	12.3	14.6
Births to Unmarried Women							
Number	347	329	305	337	385	390	349
Percent	26.5	22.3	20.4	21.7	23.2	22.8	22.1
Mother's Education <12 Years							
Number	291	342	350	295	370	376	347
Percent	22.3	23.3	23.5	19.1	22.4	22.1	22.1
Infant Deaths							
Number	6	8	4	16	10	12	10
Rate	4.6	5.4	2.7	10.3	6.0	7.0	6.3
Neonatal Deaths							
Number	*	5	*	13	7	10	7
Rate	*	3.4	*	8.4	4.2	5.8	4.7
Total Deaths							
Number	955	1,134	1,140	1,220	1,232	1,162	1,178
Crude Rate	929.3	963.9	950.3	996.3	985.0	909.3	960.6
Age-Adjusted Rate	861.3	833.4	802.0	832.1	838.8	749.0	809.9
Cardiovascular Disease							
Number	354	400	408	422	404	378	402
Age-Adjusted Rate	317.5	288.7	279.2	282.1	267.5	234.8	269.5
Heart Disease							

(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: Mesa county residents, 1994, 2000-2004

	1994	2000	2001	2002	2003	2004	2000-2004 Annual Average
Number	282	288	298	313	289	272	292
Age-Adjusted Rate	252.2	208.1	204.8	209.9	191.9	169.1	196.1
Cerebrovascular Disease							
Number	63	77	80	77	79	63	75
Age-Adjusted Rate	57.4	55.3	54.1	50.9	51.9	39.3	50.0
Malignant Neoplasms							
Number	218	246	247	262	295	256	261
Age-Adjusted Rate	194.5	178.9	173.9	178.1	199.7	165.2	179.1
Lung Cancer							
Number	65	78	72	67	78	94	78
Age-Adjusted Rate	56.8	56.6	50.1	45.2	52.6	60.3	53.1
Breast Cancer							
Number	10	12	18	14	14	22	16
Age-Adjusted Rate	9.4	9.1	13.1	9.7	9.6	15.0	11.4
Total Unintentional Injuries							
Number	37	54	59	49	37	56	51
Age-Adjusted Rate	35.7	44.2	49.1	37.7	28.2	40.1	39.8
Motor Vehicle							
Number	19	21	29	22	13	19	21
Age-Adjusted Rate	18.2	18.0	24.9	18.3	10.3	13.3	17.0
Other Unintentional Injuries							
Number	18	33	30	27	24	37	30
Age-Adjusted Rate	17.5	26.2	24.2	19.4	17.9	26.8	22.8
Chronic Lower Respiratory Diseases							
Number	85	77	81	102	90	98	90
Age-Adjusted Rate	74.5	55.0	55.7	67.5	60.2	61.9	60.2
Suicide							
Number	20	30	18	30	26	29	27
Age-Adjusted Rate	19.2	25.3	14.1	24.5	20.6	23.1	21.5
Homicide and Legal Intervention							
Number	4	5	*	*	6	3	3
Age-Adjusted Rate	4.0	4.3	*	*	4.7	2.3	2.6
Work-Related Injury							
Number	3	*	4	0	*	6	*
Age-Adjusted Rate	3.1	*	3.8	0.0	*	4.3	*

** 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: Mesa county residents, 2004

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	1,162	100.0	1,104	100.0	51	100.0	3	100.0	*	*	3	100.0
Cardiovascular Disease	378	32.5	366	33.2	11	21.6	*	*	0	0.0	0	0.0
Heart Disease	272	23.4	262	23.7	9	17.6	*	*	0	0.0	0	0.0
Cerebrovascular Disease	63	5.4	62	5.6	*	*	0	0.0	0	0.0	0	0.0
Atherosclerosis	22	1.9	21	1.9	*	*	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	256	22.0	242	21.9	11	21.6	*	*	0	0.0	*	*
Lung Cancer	94	8.1	92	8.3	*	*	0	0.0	0	0.0	0	0.0
Breast Cancer	22	1.9	21	1.9	*	*	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	98	8.4	97	8.8	*	*	0	0.0	0	0.0	0	0.0
Unintentional Injuries	56	4.8	51	4.6	4	7.8	*	*	0	0.0	0	0.0
Motor Vehicle	19	1.6	17	1.5	*	*	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	37	3.2	34	3.1	*	*	*	*	0	0.0	0	0.0
Pneumonia and Influenza	35	3.0	33	3.0	*	*	0	0.0	0	0.0	0	0.0
Suicide	29	2.5	26	2.4	3	5.9	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	22	1.9	21	1.9	*	*	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	15	1.3	14	1.3	*	*	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	31	2.7	30	2.7	*	*	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	10	0.9	10	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention	3	0.3	*	*	*	*	0	0.0	0	0.0	0	0.0
Septicemia	8	0.7	8	0.7	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies	5	0.4	5	0.5	0	0.0	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	7	0.6	5	0.5	*	*	0	0.0	0	0.0	0	0.0
All Other	209	18.0	194	17.6	13	25.5	0	0.0	*	*	*	*
Injury by Firearm	15	1.3	13	1.2	*	*	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	12	1.0	11	1.0	0	0.0	*	*	0	0.0	0	0.0
Alcohol-Induced Deaths	22	1.9	20	1.8	*	*	0	0.0	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	6	0.5	6	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: Mesa county residents, 2004

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	1,162	127,796	9.1
Infant	12	1,711	7.0
Neonatal	10	1,711	5.8
1-4	*	6,451	*
5-9	*	8,026	*
10-14	3	8,649	0.3
15-19	10	10,062	1.0
20-24	6	9,342	0.6
25-29	7	7,382	0.9
30-34	7	7,705	0.9
35-39	12	7,614	1.6
40-44	26	9,272	2.8
45-49	35	9,763	3.6
50-54	40	8,969	4.5
55-59	50	7,292	6.9
60-64	62	5,566	11.1
65-69	84	5,148	16.3
70-74	103	4,771	21.6
75-79	174	4,354	40.0
80-84	196	3,132	62.6
85+	333	2,606	127.8
1-14	5	23,125	0.2
15-24	16	19,403	0.8
25-64	239	63,560	3.8
65+	890	20,010	44.5

** 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: Mesa county residents, 2004

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	12	7.0	5	0.2	16	0.8	52	1.6	187	5.9	890	44.5
Cardiovascular Disease	0	0.0	*	*	*	*	3	0.1	43	1.4	330	16.5
Heart Disease	0	0.0	0	0.0	0	0.0	*	*	34	1.1	236	11.8
Cerebrovascular Disease	0	0.0	*	*	*	*	*	*	6	0.2	54	2.7
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	21	1.0
Malignant Neoplasms	0	0.0	*	*	*	*	6	0.2	57	1.8	191	9.5
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	19	0.6	75	3.7
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	9	0.3	11	0.5
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	16	0.5	82	4.1
Unintentional Injuries	0	0.0	*	*	8	0.4	11	0.3	13	0.4	23	1.1
Motor Vehicle	0	0.0	0	0.0	5	0.3	*	*	8	0.3	4	0.2
Other Unintentional Injuries	0	0.0	*	*	3	0.2	9	0.3	5	0.2	19	0.9
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	*	*	*	*	33	1.6
Suicide	0	0.0	*	*	3	0.2	13	0.4	7	0.2	5	0.2
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	4	0.1	16	0.8
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	*	*	11	0.3	*	*
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	31	1.5
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	*	*	*	*	8	0.4
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	*	*	7	0.3
Congenital Anomalies	3	1.8	0	0.0	0	0.0	*	*	0	0.0	*	*
Perinatal Period Conditions	7	4.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	*	*	*	*	3	0.2	11	0.3	31	1.0	161	8.0
Injury by Firearm	0	0.0	0	0.0	*	*	3	0.1	5	0.2	5	0.2
Drug-Induced Deaths	0	0.0	0	0.0	*	*	6	0.2	4	0.1	0	0.0
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	5	0.2	15	0.5	*	*
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	*	*	4	0.1	*	*

** 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:
Mesa county residents, 2004**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	1,162	909.3	749.0	706.7	791.4
Cardiovascular Disease	378	295.8	234.8	211.4	258.2
Heart Disease	272	212.8	169.1	149.1	189.0
Cerebrovascular Disease	63	49.3	39.3	29.6	49.1
Atherosclerosis	22	17.2	13.6	7.9	19.2
Malignant Neoplasms	256	200.3	165.2	144.9	185.4
Lung Cancer	94	73.6	60.3	48.1	72.5
Breast Cancer	22	17.2	15.0	8.7	21.3
Chronic Lower Respiratory Diseases	98	76.7	61.9	49.6	74.1
Unintentional Injuries	56	43.8	40.1	29.4	50.8
Motor Vehicle	19	14.9	13.3	7.3	19.4
Other Unintentional Injuries	36	28.2	26.0	17.4	34.7
Pneumonia and Influenza	35	27.4	21.7	14.5	29.0
Suicide	29	22.7	23.1	14.6	31.7
Diabetes Mellitus	22	17.2	14.5	8.4	20.6
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	15	11.7	10.9	5.4	16.5
Alzheimer's Disease	31	24.3	18.7	12.1	25.3
Nephritis, Nephrosis, Nephrotic Syndrome	10	7.8	6.6	0.2	0.9
Homicide and Legal Intervention	3	2.3	2.3	0.0	0.5
Septicemia	8	6.3	4.9	0.1	0.7
Congenital Anomalies	5	3.9	3.9	0.1	0.7
Perinatal Period Conditions	7	5.5	5.7	0.2	0.9
All Other	209	163.5	134.7	116.4	153.1
Injury by Firearm	15	11.7	10.8	5.3	16.3
Drug-Induced Deaths	12	9.4	10.0	4.3	15.7
Alcohol-Induced Deaths	22	17.2	16.7	9.6	23.7
Work-Related Injury (Y/N Check Death Certificate)	6	4.7	4.3	0.1	0.8

** 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.