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Mesa County Births and Deaths 2003

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Selected birth characteristics: Mesa county residents, 2003

Characteristic	Number	Percent
Total Live Births	1,662	100.0
Age of Mother		
10-17	75	4.5
18-19	156	9.4
20-29	998	60.1
30+	432	26.0
Low Weight Births (<2,500 Grams)	126	7.6
Very Low Weight Births (<1,500 Grams)	12	0.7
Prenatal Care Later than 1st Trimester/No Care	257	15.5
No Prenatal Care	15	0.9
Preterm Births (<37 Weeks)	151	9.1
Education of Mother <12 Years	370	22.3
Live Births to Unmarried Women	385	23.2
Smoking During Pregnancy	296	17.8

* 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, 2003

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	1,662	100.0	75	100.0	156	100.0	998	100.0	432	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	1,345	81.0	56	74.7	126	80.8	800	80.2	363	84.0
White Hispanic	281	16.9	17	22.7	26	16.7	180	18.0	58	13.4
Black	9	0.5	*	*	*	*	4	0.4	*	*
Other	26	1.6	0	0.0	3	1.9	14	1.4	9	2.1
Low Weight Births (<2,500 Grams)	126	7.6	12	16.0	12	7.7	66	6.6	35	8.1
Very Low Weight Births (<1,500 Grams)	12	0.7	*	*	*	*	8	0.8	*	*
Prenatal Care Later than 1st Trimester/No Care	257	15.5	19	25.3	33	21.4	159	15.9	46	10.7
No Prenatal Care	15	0.9	*	*	*	*	12	1.2	*	*
Preterm Births (<37 Weeks)	151	9.1	13	17.3	13	8.3	78	7.8	47	10.9
Education of Mother <12 Years	370	22.3	68	90.7	79	50.6	189	18.9	34	7.9
Live Births to Unmarried Women	385	23.2	56	74.7	69	44.2	220	22.0	39	9.0
Smoking During Pregnancy	296	17.8	14	18.7	45	29.0	192	19.2	45	10.4

* 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, 2003

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	1,345	100.0	281	100.0	9	100.0	21	100.0	5	100.0
Age of Mother										
10-17	56	4.2	17	6.0	*	*	0	0.0	0	0.0
18-19	126	9.4	26	9.3	*	*	*	*	*	*
20-29	800	59.5	180	64.1	4	44.4	11	52.4	3	60.0
30+	363	27.0	58	20.6	*	*	9	42.9	0	0.0
Low Weight Births (<2,500 Grams)	108	8.0	15	5.3	*	*	*	*	0	0.0
Very Low Weight Births (<1,500 Grams)	11	0.8	*	*	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	194	14.5	55	19.6	4	44.4	*	*	*	*
No Prenatal Care	13	1.0	*	*	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	130	9.7	19	6.8	*	*	0	0.0	0	0.0
Education of Mother <12 Years	227	16.9	134	47.7	3	33.3	5	23.8	*	*
Live Births to Unmarried Women	289	21.5	86	30.6	5	55.6	3	14.3	*	*
Smoking During Pregnancy	270	20.1	21	7.5	*	*	3	14.3	0	0.0

* 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 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: Mesa county residents, 2003

Age Group	Births	Population	Fertility Rate
All Ages	1,662	25,230	65.9
Teen Age Groups			
13-14	*	1,750	*
15-17	74	2,811	26.3
18-19	156	2,168	72.0
10-17	75	7,084	10.6
10-19	231	9,252	25.0
All Age Groups			
10-14	*	4,273	*
15-19	230	4,979	46.2
20-24	544	4,271	127.4
25-29	454	3,538	128.3
30-34	277	3,688	75.1
35-39	123	3,873	31.8
40-49	32	9,911	3.2

** 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, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Total Population	99,906	114,575	117,653	119,964	122,459	125,070	119,944
Total Births							
Number	1,344	1,426	1,473	1,492	1,553	1,662	1,521
Birth Rate	13.5	12.4	12.5	12.4	12.7	13.3	12.7
General Fertility Rate	62.5	60.9	61.8	61.8	63.1	65.9	62.8
Age of Mother 10-17							
Number	91	72	70	61	66	75	69
Percent of Total Births	6.8	5.0	4.8	4.1	4.2	4.5	4.5
Fertility Rate	15.9	10.8	10.2	8.8	9.5	10.6	10.0
Low Weight Births (<2,500 Grams)							
Number	85	100	104	96	123	126	110
Percent	6.3	7.0	7.1	6.4	7.9	7.6	7.2
Prenatal Care Later Than 1st Trimester							
Number	224	168	216	224	242	257	221
Percent	16.8	11.8	14.7	15.0	15.6	15.5	14.6
Births to Unmarried Women							
Number	331	332	329	305	337	385	338
Percent	24.6	23.3	22.3	20.4	21.7	23.2	22.2
Mother's Education <12 Years							
Number	301	272	342	350	295	370	326
Percent	22.5	19.1	23.3	23.5	19.1	22.4	21.5
Infant Deaths							
Number	6	22	8	4	16	10	12
Rate	4.5	15.4	5.4	2.7	10.3	6.0	7.9
Neonatal Deaths							
Number	4	14	5	*	13	7	8
Rate	3.0	9.8	3.4	*	8.4	4.2	5.4
Total Deaths							
Number	923	1,120	1,134	1,140	1,220	1,232	1,169
Crude Rate	923.9	977.5	963.9	950.3	996.3	985.0	974.8
Age-Adjusted Rate	873.0	862.1	833.4	802.0	832.1	838.8	833.4
Cardiovascular Disease							
Number	313	404	400	408	422	404	408
Age-Adjusted Rate	294.7	303.7	288.7	279.2	282.1	267.5	283.9
Heart Disease							
Number	251	287	288	298	313	289	295
Age-Adjusted Rate	235.2	215.7	208.1	204.8	209.9	191.9	205.9

(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, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Cerebrovascular Disease							
Number	58	70	77	80	77	79	77
Age-Adjusted Rate	55.7	52.6	55.3	54.1	50.9	51.9	53.0
Malignant Neoplasms							
Number	240	232	246	247	262	295	256
Age-Adjusted Rate	223.5	176.1	178.9	173.9	178.1	199.7	181.6
Lung Cancer							
Number	63	54	78	72	67	78	70
Age-Adjusted Rate	57.8	40.5	56.6	50.1	45.2	52.6	49.2
Breast Cancer							
Number	30	25	12	18	14	14	17
Age-Adjusted Rate	28.2	19.2	9.1	13.1	9.7	9.6	12.1
Total Unintentional Injuries							
Number	30	54	54	59	49	37	51
Age-Adjusted Rate	29.7	46.9	44.2	49.1	37.7	28.2	41.0
Motor Vehicle							
Number	19	18	21	29	22	13	21
Age-Adjusted Rate	18.9	16.1	18.0	24.9	18.3	10.3	17.5
Other Unintentional Injuries							
Number	11	36	33	30	27	24	30
Age-Adjusted Rate	10.8	30.8	26.2	24.2	19.4	17.9	23.6
Chronic Lower Respiratory Diseases							
Number	60	76	77	81	102	90	85
Age-Adjusted Rate	53.8	57.0	55.0	55.7	67.5	60.2	59.2
Suicide							
Number	24	24	30	18	30	26	26
Age-Adjusted Rate	23.3	21.2	25.3	14.1	24.5	20.6	21.1
Homicide and Legal Intervention							
Number	8	5	5	*	*	6	4
Age-Adjusted Rate	8.5	4.6	4.3	*	*	4.7	3.1
Work-Related Injury							
Number	5	6	*	4	0	*	*
Age-Adjusted Rate	5.1	5.7	*	3.8	0.0	*	*

* 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, 2003

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	1,232	100.0	1,172	100.0	51	100.0	3	100.0	5	100.0	*	*
Cardiovascular Disease	404	32.8	383	32.7	16	31.4	*	*	4	80.0	0	0.0
Heart Disease	289	23.5	272	23.2	12	23.5	*	*	4	80.0	0	0.0
Cerebrovascular Disease	79	6.4	77	6.6	*	*	0	0.0	0	0.0	0	0.0
Atherosclerosis	14	1.1	14	1.2	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	295	23.9	281	24.0	12	23.5	*	*	*	*	0	0.0
Lung Cancer	78	6.3	73	6.2	3	5.9	*	*	*	*	0	0.0
Breast Cancer	14	1.1	14	1.2	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	90	7.3	88	7.5	*	*	0	0.0	0	0.0	0	0.0
Unintentional Injuries	37	3.0	35	3.0	*	*	0	0.0	0	0.0	0	0.0
Motor Vehicle	13	1.1	12	1.0	*	*	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	24	1.9	23	2.0	*	*	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	34	2.8	33	2.8	*	*	0	0.0	0	0.0	0	0.0
Suicide	26	2.1	26	2.2	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	30	2.4	28	2.4	*	*	0	0.0	0	0.0	0	0.0
HIV Infection	*	*	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	15	1.2	13	1.1	*	*	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	29	2.4	28	2.4	*	*	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	11	0.9	11	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention	6	0.5	4	0.3	*	*	0	0.0	0	0.0	0	0.0
Septicemia	6	0.5	4	0.3	*	*	0	0.0	0	0.0	0	0.0
Congenital Anomalies	5	0.4	4	0.3	*	*	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	3	0.2	*	*	0	0.0	*	*	0	0.0	0	0.0
All Other	240	19.5	232	19.8	7	13.7	0	0.0	0	0.0	*	*
Injury by Firearm	19	1.5	18	1.5	*	*	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	14	1.1	13	1.1	*	*	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	27	2.2	25	2.1	*	*	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: Mesa county residents, 2003

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	1,232	125,070	9.9
Infant	10	1,662	6.0
Neonatal	7	1,662	4.2
1-4	*	6,300	*
5-9	*	8,014	*
10-14	*	8,689	*
15-19	3	10,101	0.3
20-24	5	8,723	0.6
25-29	6	7,142	0.8
30-34	11	7,518	1.5
35-39	11	7,714	1.4
40-44	25	9,465	2.6
45-49	33	9,820	3.4
50-54	48	8,801	5.5
55-59	48	6,966	6.9
60-64	68	5,370	12.7
65-69	74	4,878	15.2
70-74	117	4,557	25.7
75-79	187	4,121	45.4
80-84	193	2,878	67.1
85+	388	2,384	162.8
1-14	5	23,003	0.2
15-24	8	18,824	0.4
25-64	250	62,796	4.0
65+	959	18,818	51.0

* 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 by age group: Mesa county residents, 2003

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	10	6.0	5	0.2	8	0.4	53	1.7	197	6.4	959	51.0
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	4	0.1	43	1.4	357	19.0
Heart Disease	0	0.0	0	0.0	0	0.0	3	0.1	35	1.1	251	13.3
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	5	0.2	73	3.9
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	14	0.7
Malignant Neoplasms	0	0.0	*	*	0	0.0	3	0.1	62	2.0	229	12.2
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	19	0.6	59	3.1
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	3	0.1	11	0.6
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	*	*	*	*	11	0.4	77	4.1
Unintentional Injuries	0	0.0	*	*	*	*	9	0.3	12	0.4	12	0.6
Motor Vehicle	0	0.0	0	0.0	*	*	5	0.2	4	0.1	3	0.2
Other Unintentional Injuries	0	0.0	*	*	*	*	4	0.1	8	0.3	9	0.5
Pneumonia and Influenza	*	*	0	0.0	0	0.0	0	0.0	0	0.0	33	1.8
Suicide	0	0.0	0	0.0	3	0.2	9	0.3	8	0.3	6	0.3
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	9	0.3	21	1.1
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	0.1	8	0.3	4	0.2
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	29	1.5
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	*	*	10	0.5
Homicide and Legal Intervention	0	0.0	0	0.0	*	*	*	*	*	*	*	*
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	0.3
Congenital Anomalies	5	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	3	1.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	*	*	*	*	*	*	21	0.7	42	1.4	173	9.2
Injury by Firearm	0	0.0	0	0.0	3	0.2	5	0.2	5	0.2	6	0.3
Drug-Induced Deaths	0	0.0	0	0.0	*	*	7	0.2	5	0.2	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	9	0.3	15	0.5	3	0.2
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	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 from selected causes:
Mesa county residents, 2003**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	1,232	985.0	838.8	793.3	884.3
Cardiovascular Disease	404	323.0	267.5	241.9	293.1
Heart Disease	289	231.1	191.9	170.0	213.8
Cerebrovascular Disease	79	63.2	51.9	40.5	63.3
Atherosclerosis	14	11.2	9.2	4.4	14.1
Malignant Neoplasms	295	235.9	199.7	177.0	222.4
Lung Cancer	78	62.4	52.6	40.9	64.3
Breast Cancer	14	11.2	9.6	4.5	14.6
Chronic Lower Respiratory Diseases	90	72.0	60.2	47.8	72.6
Unintentional Injuries	37	29.6	28.2	19.0	37.4
Motor Vehicle	13	10.4	10.3	4.6	16.0
Other Unintentional Injuries	24	19.2	17.9	10.7	25.1
Pneumonia and Influenza	34	27.2	22.3	14.8	29.8
Suicide	26	20.8	20.6	12.6	28.5
Diabetes Mellitus	30	24.0	20.3	13.0	27.6
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	15	12.0	11.3	5.5	17.1
Alzheimer's Disease	29	23.2	18.9	12.0	25.7
Nephritis, Nephrosis, Nephrotic Syndrome	11	8.8	7.2	0.2	0.9
Homicide and Legal Intervention	6	4.8	4.7	0.1	0.8
Septicemia	6	4.8	4.0	0.1	0.6
Congenital Anomalies	5	4.0	4.2	0.1	0.8
Perinatal Period Conditions	3	2.4	2.5	0.0	0.5
All Other	240	191.9	166.1	145.1	187.1
Injury by Firearm	19	15.2	14.6	8.0	21.2
Drug-Induced Deaths	14	11.2	11.6	5.5	17.7
Alcohol-Induced Deaths	27	21.6	21.3	13.2	29.4
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.*