

For more information about these tables contact the [Health Statistics Section](#) of the Colorado Department of Public Health and Environment at 303.692.2160.

Mesa County Births and Deaths 2001

- Selected birth characteristics with 95% confidence limit: Mesa County residents, 2001 2
- Selected birth characteristics by age group of mother: Mesa County residents, 2001 3
- Selected birth characteristics by race/ethnicity of mother: Mesa County residents, 2001 4
- Live births and fertility rates with 95% confidence limits by age of mother: Mesa County residents, 2001 5
- Vital statistics summary: Mesa County residents, 1991, 1997-2001 6
- Deaths from selected causes by race/ethnicity: Mesa County residents, 2001 8
- Deaths and age-specific death rates with 95% confidence limits: Mesa County residents, 2001 9
- Deaths and age-specific death rates from selected causes: Mesa County residents, 2001 10
- Deaths, crude death rates and age-adjusted death rates with 95% confidence limits from selected causes:
 Mesa County residents, 2001 11

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

Characteristic	Number	Percent	Lower Limit	Upper Limit
Total Live Births	1,492	100.0	100.0	100.0
Age of Mother				
10-17	61	4.1	3.1	5.1
18-19	171	11.5	9.8	13.1
20-29	894	59.9	57.4	62.4
30+	366	24.5	22.3	26.7
Low Weight Births (<2,500 Grams)	96	6.4	5.2	7.7
Very Low Weight Births (<1,500 Grams)	15	1.0	0.5	1.5
Prenatal Care Later than 1st Trimester/No Care	223	14.9	13.1	16.8
No Prenatal Care	9	0.6	0.2	1.0
Preterm Births (<37 Weeks)	114	7.6	6.3	9.0
Education of Mother <12 Years	351	23.5	21.3	25.7
Live Births to Unmarried Women	305	20.4	18.4	22.5
Smoking During Pregnancy	306	20.5	18.4	22.6

** 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.cdph.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: Mesa 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	1,492	100.0	61	100.0	171	100.0	894	100.0	366	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	1,205	80.8	36	59.0	142	83.0	704	78.7	323	88.3
White Hispanic	252	16.9	22	36.1	26	15.2	169	18.9	35	9.6
Black	10	0.7	*	*	0	0.0	6	0.7	3	0.8
Other	25	1.7	*	*	3	1.8	15	1.7	5	1.4
Low Weight Births (<2,500 Grams)	96	6.4	7	11.5	12	7.0	55	6.2	22	6.0
Very Low Weight Births (<1,500 Grams)	15	1.0	*	*	5	2.9	8	0.9	*	*
Prenatal Care Later than 1st Trimester/No Care	223	15.0	22	36.1	36	21.2	128	14.3	37	10.1
No Prenatal Care	9	0.6	*	*	0	0.0	3	0.3	4	1.1
Preterm Births (<37 Weeks)	114	7.6	7	11.5	12	7.0	66	7.4	29	7.9
Education of Mother <12 Years	351	23.5	58	95.1	80	46.8	191	21.4	22	6.0
Live Births to Unmarried Women	305	20.4	42	68.9	75	43.9	156	17.4	32	8.7
Smoking During Pregnancy	306	20.5	12	19.7	57	33.3	193	21.6	44	12.1

* 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, 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	1,205	100.0	252	100.0	10	100.0	14	100.0	11	100.0
Age of Mother										
10-17	36	3.0	22	8.7	*	*	0	0.0	*	*
18-19	142	11.8	26	10.3	0	0.0	*	*	*	*
20-29	704	58.4	169	67.1	6	60.0	8	57.1	7	63.6
30+	323	26.8	35	13.9	3	30.0	5	35.7	0	0.0
Low Weight Births (<2,500 Grams)	76	6.3	19	7.5	0	0.0	0	0.0	*	*
Very Low Weight Births (<1,500 Grams)	13	1.1	*	*	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	164	13.6	56	22.2	*	*	*	*	*	*
No Prenatal Care	9	0.7	0	0.0	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	89	7.4	22	8.7	0	0.0	*	*	*	*
Education of Mother <12 Years	219	18.2	128	50.8	*	*	0	0.0	3	27.3
Live Births to Unmarried Women	226	18.8	69	27.4	4	40.0	*	*	4	36.4
Smoking During Pregnancy	273	22.7	30	11.9	*	*	*	*	0	0.0

* 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: Mesa county residents, 2001

	Births	Population	Fertility Rate	Lower Limit	Upper Limit
Age Group					
All Ages	1,492	24,352	61.3	58.2	64.3
Teenage Group					
13-14	*	1,748	*	*	*
15-17	59	2,711	21.8	16.1	27.4
18-19	171	1,964	87.1	74.3	99.8
10-17	61	6,992	8.7	6.5	11.0
10-19	232	8,956	25.9	22.6	29.3
All Age Groups					
10-14	*	4,281	*	*	*
15-19	230	4,675	49.2	42.9	55.5
20-24	486	3,829	126.9	116.3	137.6
25-29	408	3,321	122.9	111.5	134.2
30-34	236	3,428	68.8	60.2	77.5
35-39	107	4,197	25.5	20.6	30.4
40-49	23	9,755	2.4	1.3	3.4

** 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 for explanation of confidence limits.

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

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

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Total Population	95,995	109,766	112,326	114,575	116,997	119,972	114,727
Total Births							
Number	1,251	1,396	1,469	1,426	1,473	1,492	1,451
Birth Rate	13.0	12.7	13.1	12.4	12.6	12.4	12.6
General Fertility Rate	59.5	61.1	63.4	60.9	62.2	61.3	61.8
Age of Mother 10-17							
Number	71	94	70	72	70	61	73
Percent of Total Births	5.7	6.7	4.8	5.0	4.8	4.1	5.1
Fertility Rate	13.0	14.8	10.7	10.8	10.2	8.7	11.0
Low Weight Births (<2,500 Grams)							
Number	75	110	103	100	104	96	103
Percent	6.0	7.9	7.0	7.0	7.1	6.4	7.1
Prenatal Care Later Than 1st Trimester							
Number	299	195	161	168	216	223	193
Percent	24.1	14.1	11.0	11.8	14.7	15.0	13.3
Births to Unmarried Women							
Number	286	379	360	332	329	305	341
Percent	22.9	27.1	24.5	23.3	22.3	20.4	23.5
Mother's Education <12 Years							
Number	312	300	284	272	342	351	310
Percent	25.1	21.5	19.4	19.1	23.3	23.6	21.4
Infant Deaths							
Number	12	12	10	22	8	4	11
Rate	9.6	8.6	6.8	15.4	5.4	2.7	7.7
Neonatal Deaths							
Number	6	7	7	14	5	*	7
Rate	4.8	5.0	4.8	9.8	3.4	*	4.8
Total Deaths							
Number	859	1,025	1,035	1,120	1,133	1,140	1,091
Crude Rate	894.8	933.8	921.4	977.5	968.4	950.2	950.6
Age-Adjusted Rate	874.9	838.2	814.8	862.1	837.4	827.6	836.3
Cardiovascular Disease							
Number	297	333	363	404	400	408	382
Age-Adjusted Rate	299.5	267.5	281.0	303.7	290.3	289.8	287.1
Heart Disease							
Number	254	266	291	287	288	298	286
Age-Adjusted Rate	255.9	213.6	225.2	215.7	209.3	212.3	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: Mesa county residents, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Cerebrovascular Disease							
Number	42	63	67	70	77	80	71
Age-Adjusted Rate	42.3	50.6	51.9	52.6	55.6	56.4	53.5
Malignant Neoplasms							
Number	234	237	227	232	246	247	238
Age-Adjusted Rate	232.0	192.8	177.8	176.1	179.9	179.2	181.1
Lung Cancer							
Number	63	68	71	54	78	72	69
Age-Adjusted Rate	58.7	54.9	55.0	40.5	56.9	51.8	51.7
Breast Cancer							
Number	10	22	18	25	12	18	19
Age-Adjusted Rate	9.9	18.3	14.5	19.2	9.2	13.4	14.8
Total Unintentional Injuries							
Number	49	40	38	54	54	59	49
Age-Adjusted Rate	52.8	35.5	32.8	46.9	44.5	49.2	41.9
Motor Vehicle							
Number	25	17	18	18	21	29	21
Age-Adjusted Rate	26.3	15.6	16.1	16.1	18.1	24.8	18.2
Other Unintentional Injuries							
Number	24	23	20	36	33	30	28
Age-Adjusted Rate	26.5	19.9	16.7	30.8	26.4	24.4	23.7
Chronic Lower Respiratory Diseases							
Number	50	68	87	76	76	81	78
Age-Adjusted Rate	47.9	54.0	66.4	57.0	54.6	57.8	58.0
Suicide							
Number	15	13	22	24	30	18	21
Age-Adjusted Rate	16.0	11.6	18.8	21.2	25.5	14.2	18.3
Homicide and Legal Intervention							
Number	8	6	3	5	5	*	4
Age-Adjusted Rate	8.2	5.3	2.8	4.6	4.3	*	3.5
Work-Related Injury							
Number	8	*	4	6	*	4	4
Age-Adjusted Rate	9.5	*	3.7	5.7	*	3.7	3.3

** 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, 2001

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	1,140	100.0	1,080	100.0	49	100.0	*	*	3	100.0	6	100.0
Cardiovascular Disease	408	35.8	390	36.1	14	28.6	*	*	*	*	*	*
Heart Disease	298	26.1	284	26.3	11	22.4	0	0.0	*	*	*	*
Cerebrovascular Disease	80	7.0	77	7.1	*	*	*	*	0	0.0	0	0.0
Atherosclerosis	11	1.0	11	1.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	247	21.7	240	22.2	6	12.2	0	0.0	0	0.0	*	*
Lung Cancer	72	6.3	69	6.4	3	6.1	0	0.0	0	0.0	0	0.0
Breast Cancer	18	1.6	18	1.7	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	81	7.1	79	7.3	*	*	0	0.0	*	*	0	0.0
Unintentional Injuries	59	5.2	55	5.1	*	*	0	0.0	*	*	*	*
Motor Vehicle	29	2.5	26	2.4	*	*	0	0.0	*	*	*	*
Other Unintentional Injuries	30	2.6	29	2.7	*	*	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	23	2.0	18	1.7	5	10.2	0	0.0	0	0.0	0	0.0
Suicide	18	1.6	18	1.7	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	30	2.6	25	2.3	5	10.2	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	11	1.0	9	0.8	*	*	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	45	3.9	45	4.2	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	5	0.4	5	0.5	0	0.0	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention	*	*	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Septicemia	11	1.0	10	0.9	*	*	0	0.0	0	0.0	0	0.0
Congenital Anomalies	5	0.4	4	0.4	*	*	0	0.0	0	0.0	0	0.0
Perinatal Period Conditions	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
All Other	193	16.9	179	16.6	11	22.4	*	*	0	0.0	*	*
Injury by Firearm	12	1.1	11	1.0	*	*	0	0.0	0	0.0	0	0.0
Drug-Induced Deaths	6	0.5	5	0.5	*	*	0	0.0	0	0.0	0	0.0
Alcohol-Induced Deaths	20	1.8	16	1.5	3	6.1	0	0.0	0	0.0	*	*
Work-Related Injury (Y/N Check Death Certificate)	4	0.4	3	0.3	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 with 95% confidence limits: Mesa county residents, 2001

Age Group	Deaths	Population	Age-Specific Death Rate	Lower Limit	Upper Limit
All Ages	1,140	119,972	9.5	8.9	10.1
Infant	4	1,492	2.7	0.7	5.9
Neonatal	*	1,492	*	*	*
1-4	0	5,977	0.0	0.0	0.0
5-9	*	8,007	*	*	*
10-14	*	8,677	*	*	*
15-19	9	9,594	0.9	0.3	1.6
20-24	3	7,733	0.4	0.1	1.0
25-29	5	6,831	0.7	0.0	1.4
30-34	19	6,945	2.7	1.4	4.0
35-39	16	8,163	2.0	0.9	3.0
40-44	22	9,598	2.3	1.3	3.3
45-49	28	9,514	2.9	1.8	4.1
50-54	42	8,273	5.1	3.5	6.7
55-59	38	6,187	6.1	4.1	8.2
60-64	56	5,078	11.0	8.1	14.0
65-69	71	4,676	15.2	11.6	18.8
70-74	108	4,482	24.1	19.5	28.7
75-79	175	3,921	44.6	38.0	51.2
80-84	173	2,599	66.6	56.8	76.3
85+	368	2,203	167.0	151.2	182.8
1-14	3	22,661	0.1	0.0	0.3
15-24	12	17,327	0.7	0.3	1.1
25-64	226	60,589	3.7	3.2	4.2
65+	895	17,881	50.1	46.8	53.3

* 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: Mesa 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	4	2.7	3	0.1	12	0.7	62	2.0	164	5.6	895	50.1
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	5	0.2	42	1.4	361	20.2
Heart Disease	0	0.0	0	0.0	0	0.0	5	0.2	36	1.2	257	14.4
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	5	0.2	75	4.2
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11	0.6
Malignant Neoplasms	0	0.0	0	0.0	0	0.0	11	0.3	49	1.7	187	10.5
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	14	0.5	57	3.2
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	5	0.2	11	0.6
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	*	*	8	0.3	71	4.0
Unintentional Injuries	0	0.0	*	*	7	0.4	25	0.8	11	0.4	14	0.8
Motor Vehicle	0	0.0	0	0.0	6	0.3	14	0.4	6	0.2	3	0.2
Other Unintentional Injuries	0	0.0	*	*	*	*	11	0.3	5	0.2	11	0.6
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	*	*	*	*	20	1.1
Suicide	0	0.0	0	0.0	*	*	4	0.1	6	0.2	6	0.3
Diabetes Mellitus	0	0.0	*	*	0	0.0	0	0.0	3	0.1	26	1.5
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	*	*	7	0.2	*	*
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	44	2.5
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	*	*	4	0.2
Homicide and Legal Intervention	0	0.0	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	*	*	*	*	9	0.5
Congenital Anomalies	0	0.0	0	0.0	0	0.0	*	*	*	*	*	*
Perinatal Period Conditions	*	*	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	*	*	0	0.0	*	*	10	0.3	30	1.0	149	8.3
Injury by Firearm	0	0.0	0	0.0	*	*	3	0.1	4	0.1	3	0.2
Drug-Induced Deaths	0	0.0	0	0.0	0	0.0	4	0.1	0	0.0	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	5	0.2	10	0.3	5	0.3
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	4	0.1	0	0.0	0	0.0

* 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 cause:
Mesa county residents, 2001**

	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
Cause of Death					
All Causes	1,140	950.2	827.6	781.1	874.1
Cardiovascular Disease	408	340.1	289.8	262.2	317.4
Heart Disease	298	248.4	212.3	188.5	236.2
Cerebrovascular Disease	80	66.7	56.4	44.1	68.7
Atherosclerosis	11	9.2	7.8	0.2	1.0
Malignant Neoplasms	247	205.9	179.2	156.9	201.6
Lung Cancer	72	60.0	51.8	39.8	63.8
Breast Cancer	18	15.0	13.4	7.2	19.6
Chronic Lower Respiratory Diseases	81	67.5	57.8	45.2	70.4
Unintentional Injuries	59	49.2	49.2	36.5	61.8
Motor Vehicle	29	24.2	24.8	15.7	33.9
Other Unintentional Injuries	27	22.5	21.9	13.6	30.2
Pneumonia and Influenza	23	19.2	16.6	9.8	23.3
Suicide	18	15.0	14.2	7.6	20.9
Diabetes Mellitus	30	25.0	21.4	13.7	29.0
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	11	9.2	8.6	0.3	1.2
Alzheimer's Disease	45	37.5	31.5	22.3	40.7
Nephritis, Nephrosis, Nephrotic Syndrome	5	4.2	3.5	0.0	0.6
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	11	9.2	8.1	0.2	1.1
Congenital Anomalies	5	4.2	3.9	0.1	0.7
Perinatal Period Conditions	*	*	*	*	*
All Other	193	160.9	140.4	120.7	160.1
Injury by Firearm	12	10.0	9.7	4.2	15.2
Drug-Induced Deaths	6	5.0	5.2	0.2	0.9
Alcohol-Induced Deaths	20	16.7	15.8	8.8	22.8
Work-Related Injury (Y/N Check Death Certificate)	4	3.3	3.7	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.