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# Mesa County Births and Deaths 2006

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**Selected birth characteristics: Mesa county residents, 2006**

Characteristic	Number	Percent
Total Live Births	1,880	100.0
Age of Mother		
10-17	87	4.6
18-19	155	8.2
20-29	1,164	61.9
30+	474	25.2
Low Weight Births (<2,500 Grams)	138	7.3
Very Low Weight Births (<1,500 Grams)	17	0.9
Prenatal Care Later than 1st Trimester/No Care	292	15.6
No Prenatal Care	17	0.9
Preterm Births (<37 Weeks)	142	7.6
Education of Mother <12 Years	415	22.1
Live Births to Unmarried Women	435	23.1
Smoking During Pregnancy	328	17.5

*\* 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](http://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, 2006**

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total Live Births</b>	1,880	100.0	87	100.0	155	100.0	1,164	100.0	474	100.0
<b>Race/Ethnicity of Mother</b>										
White Non-Hispanic	1,495	79.5	53	60.9	116	74.8	930	79.9	396	83.5
White Hispanic	338	18.0	30	34.5	35	22.6	207	17.8	66	13.9
Black	11	0.6	*	*	*	*	7	0.6	*	*
Other	36	1.9	3	3.4	3	1.9	20	1.7	10	2.1
<b>Low Weight Births (&lt;2,500 Grams)</b>	138	7.3	10	11.5	8	5.2	83	7.1	37	7.8
<b>Very Low Weight Births (&lt;1,500 Grams)</b>	17	0.9	3	3.4	0	0.0	8	0.7	6	1.3
<b>Prenatal Care Later than 1st Trimester/No Care</b>	292	15.6	20	23.0	30	19.4	181	15.6	61	13.0
<b>No Prenatal Care</b>	17	0.9	*	*	*	*	14	1.2	*	*
<b>Preterm Births (&lt;37 Weeks)</b>	142	7.6	12	13.8	7	4.5	84	7.2	39	8.2
<b>Education of Mother &lt;12 Years</b>	415	22.1	77	88.5	69	44.5	230	19.8	39	8.2
<b>Live Births to Unmarried Women</b>	435	23.1	66	75.9	64	41.3	267	22.9	38	8.0
<b>Smoking During Pregnancy</b>	328	17.5	16	18.4	36	23.4	230	19.8	46	9.7

*\* 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](http://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, 2006**

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total Live Births</b>	1,495	100.0	338	100.0	11	100.0	16	100.0	20	100.0
<b>Age of Mother</b>										
<b>10-17</b>	53	3.5	30	8.9	*	*	0	0.0	3	15.0
<b>18-19</b>	116	7.8	35	10.4	*	*	*	*	*	*
<b>20-29</b>	930	62.2	207	61.2	7	63.6	9	56.3	11	55.0
<b>30+</b>	396	26.5	66	19.5	*	*	5	31.3	5	25.0
<b>Low Weight Births (&lt;2,500 Grams)</b>	105	7.0	32	9.5	*	*	0	0.0	0	0.0
<b>Very Low Weight Births (&lt;1,500 Grams)</b>	12	0.8	4	1.2	*	*	0	0.0	0	0.0
<b>Prenatal Care Later than 1st Trimester/No Care</b>	209	14.0	75	22.5	4	36.4	*	*	*	*
<b>No Prenatal Care</b>	10	0.7	4	1.2	*	*	0	0.0	*	*
<b>Preterm Births (&lt;37 Weeks)</b>	109	7.3	32	9.5	*	*	0	0.0	0	0.0
<b>Education of Mother &lt;12 Years</b>	254	17.0	152	45.0	*	*	*	*	6	30.0
<b>Live Births to Unmarried Women</b>	305	20.4	118	34.9	4	36.4	*	*	7	35.0
<b>Smoking During Pregnancy</b>	292	19.6	31	9.3	*	*	0	0.0	3	15.8

*\* 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](http://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, 2006**

Age Group	Births	Population	Fertility Rate
All Ages	1,880	27,190	69.1
<b>Teen Age Groups</b>			
13-14	*	1,795	*
15-17	86	2,817	30.5
18-19	155	2,407	64.4
10-17	87	7,214	12.1
10-19	242	9,621	25.2
<b>All Age Groups</b>			
10-14	*	4,397	*
15-19	241	5,224	46.1
20-24	589	5,170	113.9
25-29	575	4,047	142.1
30-34	324	4,035	80.3
35-39	118	4,088	28.9
40-49	32	9,764	3.3

*\* 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](http://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, 1996, 2002-2006**

	1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
<b>Total Population</b>	107,536	122,467	125,077	127,816	130,662	135,473	128,299
<b>Total Births</b>							
Number	1,366	1,553	1,662	1,711	1,819	1,880	1,725
Birth Rate	12.7	12.7	13.3	13.4	13.9	13.9	13.4
General Fertility Rate	60.5	62.7	65.9	66.4	69.3	69.1	66.8
<b>Age of Mother 10-17</b>							
Number	99	66	75	69	88	87	77
Percent of Total Births	7.2	4.2	4.5	4.0	4.8	4.6	4.5
Fertility Rate	15.9	9.5	10.6	9.8	12.6	12.1	10.9
<b>Low Weight Births (&lt;2,500 Grams)</b>							
Number	102	123	126	146	141	138	135
Percent	7.5	7.9	7.6	8.5	7.8	7.3	7.8
<b>Prenatal Care Later Than 1st Trimester</b>							
Number	195	242	257	210	255	292	251
Percent	14.3	15.6	15.5	12.3	14.0	15.6	14.6
<b>Births to Unmarried Women</b>							
Number	369	337	385	390	424	435	394
Percent	27.0	21.7	23.2	22.8	23.3	23.1	22.9
<b>Mother's Education &lt;12 Years</b>							
Number	295	295	370	376	373	415	366
Percent	21.6	19.1	22.4	22.1	20.6	22.2	21.3
<b>Infant Deaths</b>							
Number	16	16	10	12	6	9	11
Rate	11.7	10.3	6.0	7.0	3.3	4.8	6.1
<b>Neonatal Deaths</b>							
Number	12	13	7	10	3	7	8
Rate	8.8	8.4	4.2	5.8	1.6	3.7	4.6
<b>Total Deaths</b>							
Number	1,024	1,220	1,232	1,162	1,268	1,268	1,230
Crude Rate	952.2	996.2	985.0	909.1	970.4	936.0	958.7
Age-Adjusted Rate	867.0	861.6	852.3	788.7	839.7	814.5	830.8
<b>Cardiovascular Disease</b>							
Number	331	422	404	378	393	420	403
Age-Adjusted Rate	275.9	293.8	274.0	251.2	256.1	264.8	267.7
<b>Heart Disease</b>							
Number	265	313	289	272	277	315	293
Age-Adjusted Rate	221.0	218.5	196.2	180.7	180.2	198.1	194.5

(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, 1996, 2002-2006**

	1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
<b>Cerebrovascular Disease</b>							
Number	64	77	79	63	80	75	75
Age-Adjusted Rate	53.3	53.2	53.5	42.1	52.0	47.6	49.6
<b>Malignant Neoplasms</b>							
Number	264	262	295	256	288	255	271
Age-Adjusted Rate	219.7	183.7	201.1	172.0	188.9	162.7	181.5
<b>Lung Cancer</b>							
Number	77	67	78	94	89	77	81
Age-Adjusted Rate	63.5	46.5	52.9	62.3	57.7	48.4	53.6
<b>Breast Cancer</b>							
Number	15	14	14	22	22	29	20
Age-Adjusted Rate	12.6	10.0	9.5	15.3	14.7	18.2	13.7
<b>Total Unintentional Injuries</b>							
Number	36	49	37	56	69	67	56
Age-Adjusted Rate	32.6	37.9	28.3	41.1	49.8	47.2	41.0
<b>Motor Vehicle</b>							
Number	21	22	13	19	28	20	20
Age-Adjusted Rate	19.6	18.2	10.3	13.5	20.7	15.0	15.6
<b>Other Unintentional Injuries</b>							
Number	15	27	24	37	41	47	35
Age-Adjusted Rate	13.0	19.7	18.0	27.7	29.1	32.2	25.5
<b>Chronic Lower Respiratory Diseases</b>							
Number	67	102	90	98	95	105	98
Age-Adjusted Rate	54.9	70.2	61.0	64.7	61.3	65.9	64.6
<b>Suicide</b>							
Number	38	30	26	29	27	23	27
Age-Adjusted Rate	34.8	24.4	20.5	23.2	20.4	16.6	21.0
<b>Homicide and Legal Intervention</b>							
Number	10	*	6	3	*	6	4
Age-Adjusted Rate	9.7	*	4.7	2.3	*	4.6	2.9
<b>Work-Related Injury</b>							
Number	0	0	*	6	4	4	3
Age-Adjusted Rate	0.0	0.0	*	4.3	2.9	3.2	2.2

\* 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, 2006**

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
<b>Total</b>	1,268	100.0	1,185	100.0	74	100.0	4	100.0	*	*	3	100.0
<b>Cardiovascular Disease</b>	420	33.1	398	33.6	19	25.7	0	0.0	*	*	*	*
Heart Disease	315	24.8	297	25.1	16	21.6	0	0.0	*	*	*	*
Cerebrovascular Disease	75	5.9	72	6.1	*	*	0	0.0	0	0.0	*	*
Atherosclerosis	6	0.5	5	0.4	*	*	0	0.0	0	0.0	0	0.0
<b>Malignant Neoplasms</b>	255	20.1	242	20.4	12	16.2	*	*	0	0.0	0	0.0
Lung Cancer	77	6.1	76	6.4	*	*	0	0.0	0	0.0	0	0.0
Breast Cancer	29	2.3	28	2.4	*	*	0	0.0	0	0.0	0	0.0
<b>Chronic Lower Respiratory Disease</b>	105	8.3	103	8.7	*	*	0	0.0	0	0.0	0	0.0
<b>Unintentional Injuries</b>	67	5.3	54	4.6	11	14.9	*	*	0	0.0	0	0.0
Motor Vehicle	20	1.6	16	1.4	3	4.1	*	*	0	0.0	0	0.0
Other Unintentional Injuries	47	3.7	38	3.2	8	10.8	*	*	0	0.0	0	0.0
<b>Pneumonia and Influenza</b>	33	2.6	32	2.7	*	*	0	0.0	0	0.0	0	0.0
<b>Suicide</b>	23	1.8	21	1.8	*	*	0	0.0	0	0.0	0	0.0
<b>Diabetes Mellitus</b>	31	2.4	26	2.2	5	6.8	0	0.0	0	0.0	0	0.0
<b>HIV Infection</b>	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Chronic Liver Disease and Cirrhosis</b>	14	1.1	10	0.8	4	5.4	0	0.0	0	0.0	0	0.0
<b>Alzheimer's Disease</b>	59	4.7	55	4.6	3	4.1	*	*	0	0.0	0	0.0
<b>Nephritis, Nephrosis, Nephrotic Syndrome</b>	10	0.8	9	0.8	*	*	0	0.0	0	0.0	0	0.0
<b>Homicide and Legal Intervention</b>	6	0.5	4	0.3	*	*	0	0.0	0	0.0	0	0.0
<b>Septicemia</b>	15	1.2	14	1.2	*	*	0	0.0	0	0.0	0	0.0
<b>Congenital Anomalies</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Perinatal Period Conditions</b>	5	0.4	4	0.3	*	*	0	0.0	0	0.0	0	0.0
<b>All Other</b>	223	17.6	211	17.8	10	13.5	0	0.0	0	0.0	*	*
<b>Injury by Firearm</b>	15	1.2	14	1.2	*	*	0	0.0	0	0.0	0	0.0
<b>Drug-Induced Deaths</b>	7	0.6	5	0.4	*	*	0	0.0	0	0.0	0	0.0
<b>Alcohol-Induced Deaths</b>	26	2.1	23	1.9	3	4.1	0	0.0	0	0.0	0	0.0
<b>Work-Related Injury (Y/N Check Death Certificate)</b>	4	0.3	4	0.3	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, 2006**

Age Group	Deaths	Population	Age-Specific Death Rate
<b>All Ages</b>	1,268	135,473	9.4
<b>Infant</b>	9	1,880	4.8
<b>Neonatal</b>	7	1,880	3.7
<b>1-4</b>	6	7,144	0.8
<b>5-9</b>	0	8,455	0.0
<b>10-14</b>	*	8,908	*
<b>15-19</b>	9	10,482	0.9
<b>20-24</b>	10	10,645	0.9
<b>25-29</b>	8	8,136	1.0
<b>30-34</b>	10	8,203	1.2
<b>35-39</b>	17	8,193	2.1
<b>40-44</b>	25	9,010	2.8
<b>45-49</b>	27	10,111	2.7
<b>50-54</b>	40	9,773	4.1
<b>55-59</b>	63	8,493	7.4
<b>60-64</b>	73	6,145	11.9
<b>65-69</b>	90	5,169	17.4
<b>70-74</b>	104	4,995	20.8
<b>75-79</b>	164	4,438	37.0
<b>80-84</b>	204	2,895	70.5
<b>85+</b>	408	2,457	166.1
<b>1-14</b>	7	24,507	0.3
<b>15-24</b>	19	21,127	0.9
<b>25-64</b>	263	68,064	3.9
<b>65+</b>	970	19,954	48.6

*\* 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, 2006**

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	9	4.8	7	0.3	19	0.9	60	1.8	203	5.9	970	48.6
Cardiovascular Disease	0	0.0	0	0.0	*	*	5	0.1	61	1.8	352	17.6
Heart Disease	0	0.0	0	0.0	*	*	*	*	50	1.4	261	13.1
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	7	0.2	66	3.3
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	4	0.2
Malignant Neoplasms	0	0.0	0	0.0	*	*	11	0.3	66	1.9	177	8.9
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	14	0.4	62	3.1
Breast Cancer	0	0.0	0	0.0	0	0.0	*	*	15	0.4	13	0.7
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	*	*	11	0.3	93	4.7
Unintentional Injuries	*	*	*	*	5	0.2	16	0.5	13	0.4	29	1.5
Motor Vehicle	0	0.0	*	*	4	0.2	9	0.3	*	*	4	0.2
Other Unintentional Injuries	*	*	*	*	*	*	7	0.2	11	0.3	25	1.3
Pneumonia and Influenza	0	0.0	*	*	0	0.0	0	0.0	*	*	31	1.6
Suicide	0	0.0	0	0.0	7	0.3	7	0.2	5	0.1	4	0.2
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	5	0.1	25	1.3
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	*	*	5	0.1	4	0.1	4	0.2
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	*	*	0	0.0	58	2.9
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	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	3	0.1	12	0.6
Congenital Anomalies	*	*	0	0.0	0	0.0	0	0.0	0	0.0	*	*
Perinatal Period Conditions	5	2.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	0	0.0	*	*	3	0.1	11	0.3	34	1.0	173	8.7
Injury by Firearm	0	0.0	0	0.0	*	*	5	0.1	4	0.1	4	0.2
Drug-Induced Deaths	0	0.0	0	0.0	0	0.0	3	0.1	4	0.1	0	0.0
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	9	0.3	13	0.4	4	0.2
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.  
 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, 2006**

<b>Cause of Death</b>	<b>N</b>	<b>Rate</b>	<b>Age-Adjusted Rate</b>	<b>Lower Limit</b>	<b>Upper Limit</b>
All Causes	1,268	936.0	814.5	771.0	858.0
Cardiovascular Disease	420	310.0	264.8	239.9	289.7
Heart Disease	315	232.5	198.1	176.5	219.8
Cerebrovascular Disease	75	55.4	47.6	36.8	58.3
Atherosclerosis	6	4.4	3.8	1.2	7.8
Malignant Neoplasms	255	188.2	162.7	142.7	182.6
Lung Cancer	77	56.8	48.4	37.6	59.2
Breast Cancer	29	21.4	18.2	11.5	24.9
Chronic Lower Respiratory Diseases	105	77.5	65.9	53.3	78.5
Unintentional Injuries	67	49.5	47.2	35.7	58.7
Motor Vehicle	20	14.8	15.0	8.3	21.6
Other Unintentional Injuries	46	34.0	31.3	22.1	40.4
Pneumonia and Influenza	33	24.4	20.7	13.7	27.8
Suicide	23	17.0	16.6	9.7	23.5
Diabetes Mellitus	31	22.9	19.6	12.7	26.5
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	14	10.3	10.5	4.9	16.1
Alzheimer's Disease	59	43.6	37.3	27.8	46.8
Nephritis, Nephrosis, Nephrotic Syndrome	10	7.4	6.3	2.8	11.2
Homicide and Legal Intervention	6	4.4	4.6	1.7	8.9
Septicemia	15	11.1	9.5	4.7	14.3
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	5	3.7	3.8	1.2	7.8
All Other	223	164.6	143.6	124.8	162.4
Injury by Firearm	15	11.1	10.9	5.3	16.5
Drug-Induced Deaths	7	5.2	5.4	2.1	10.0
Alcohol-Induced Deaths	26	19.2	19.2	11.7	26.8
Work-Related Injury (Y/N Check Death Certificate)	4	3.0	3.2	0.7	7.4

*\* 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.*