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# Morgan County Births and Deaths 2006

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

Characteristic	Number	Percent
Total Live Births	417	100.0
Age of Mother		
10-17	24	5.8
18-19	44	10.6
20-29	242	58.0
30+	107	25.7
Low Weight Births (<2,500 Grams)	34	8.2
Very Low Weight Births (<1,500 Grams)	6	1.4
Prenatal Care Later than 1st Trimester/No Care	145	35.1
No Prenatal Care	4	1.0
Preterm Births (<37 Weeks)	43	10.3
Education of Mother <12 Years	170	40.8
Live Births to Unmarried Women	184	44.1
Smoking During Pregnancy	48	11.5

*\* 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: Morgan 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>	417	100.0	24	100.0	44	100.0	242	100.0	107	100.0
<b>Race/Ethnicity of Mother</b>										
White Non-Hispanic	196	47.0	9	37.5	15	34.1	123	50.8	49	45.8
White Hispanic	218	52.3	15	62.5	29	65.9	118	48.8	56	52.3
Black	*	*	0	0.0	0	0.0	0	0.0	*	*
Other	*	*	0	0.0	0	0.0	*	*	*	*
<b>Low Weight Births (&lt;2,500 Grams)</b>	34	8.2	*	*	5	11.4	22	9.1	6	5.6
<b>Very Low Weight Births (&lt;1,500 Grams)</b>	6	1.4	0	0.0	0	0.0	4	1.7	*	*
<b>Prenatal Care Later than 1st Trimester/No Care</b>	145	35.1	5	20.8	24	54.5	89	37.2	27	25.5
No Prenatal Care	4	1.0	0	0.0	*	*	3	1.3	0	0.0
<b>Preterm Births (&lt;37 Weeks)</b>	43	10.3	*	*	6	13.6	21	8.7	15	14.0
<b>Education of Mother &lt;12 Years</b>	170	40.8	23	95.8	24	54.5	87	36.0	36	33.6
<b>Live Births to Unmarried Women</b>	184	44.1	23	95.8	35	79.5	100	41.3	26	24.3
<b>Smoking During Pregnancy</b>	48	11.5	*	*	4	9.1	36	14.9	6	5.6

*\* 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.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: Morgan county residents, 2006**

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	196	100.0	218	100.0	*	*	*	*	*	*
Age of Mother										
10-17	9	4.6	15	6.9	0	0.0	0	0.0	0	0.0
18-19	15	7.7	29	13.3	0	0.0	0	0.0	0	0.0
20-29	123	62.8	118	54.1	0	0.0	0	0.0	*	*
30+	49	25.0	56	25.7	*	*	*	*	0	0.0
Low Weight Births (<2,500 Grams)	19	9.7	15	6.9	0	0.0	0	0.0	0	0.0
Very Low Weight Births (<1,500 Grams)	*	*	4	1.8	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	50	25.9	94	43.3	0	0.0	0	0.0	*	*
No Prenatal Care	*	*	3	1.4	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	25	12.8	17	7.8	*	*	0	0.0	0	0.0
Education of Mother <12 Years	35	17.9	135	61.9	0	0.0	0	0.0	0	0.0
Live Births to Unmarried Women	70	35.7	113	51.8	0	0.0	0	0.0	*	*
Smoking During Pregnancy	39	19.9	8	3.7	0	0.0	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, 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: Morgan county residents, 2006**

Age Group	Births	Population	Fertility Rate
All Ages	417	5,476	76.2
<b>Teen Age Groups</b>			
13-14	*	435	*
15-17	23	615	37.4
18-19	44	363	121.2
10-17	24	1,779	13.5
10-19	68	2,142	31.7
<b>All Age Groups</b>			
10-14	*	1,164	*
15-19	67	978	68.5
20-24	130	914	142.2
25-29	112	725	154.5
30-34	75	904	83.0
35-39	29	928	31.3
40-49	3	2,068	1.5

*\* 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: Morgan county residents, 1996, 2002-2006

	1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
<b>Total Population</b>	26,048	27,853	28,235	28,359	28,350	28,539	28,267
<b>Total Births</b>							
Number	485	481	448	459	407	417	442
Birth Rate	18.6	17.3	15.9	16.2	14.4	14.6	15.7
General Fertility Rate	92.2	87.7	81.5	84.1	74.6	76.2	80.8
<b>Age of Mother 10-17</b>							
Number	37	26	32	32	26	24	28
Percent of Total Births	7.6	5.4	7.1	7.0	6.4	5.8	6.3
Fertility Rate	22.0	14.7	18.3	18.2	14.7	13.5	15.9
<b>Low Weight Births (&lt;2,500 Grams)</b>							
Number	40	41	30	34	30	34	34
Percent	8.2	8.5	6.7	7.4	7.4	8.2	7.6
<b>Prenatal Care Later Than 1st Trimester</b>							
Number	130	154	182	152	131	145	153
Percent	27.3	32.3	41.2	33.2	32.3	35.1	34.8
<b>Births to Unmarried Women</b>							
Number	161	169	179	179	175	184	177
Percent	33.2	35.1	40.0	39.0	43.0	44.1	40.1
<b>Mother's Education &lt;12 Years</b>							
Number	194	192	185	178	154	170	176
Percent	40.1	40.6	42.5	39.1	38.1	41.1	40.3
<b>Infant Deaths</b>							
Number	7	7	3	5	4	5	5
Rate	14.4	14.6	6.7	10.9	9.8	12.0	10.8
<b>Neonatal Deaths</b>							
Number	5	5	3	5	4	4	4
Rate	10.3	10.4	6.7	10.9	9.8	9.6	9.5
<b>Total Deaths</b>							
Number	221	245	237	226	247	239	239
Crude Rate	848.4	879.6	839.4	796.9	871.3	837.5	844.8
Age-Adjusted Rate	777.0	829.0	782.5	739.8	790.7	764.7	781.5
<b>Cardiovascular Disease</b>							
Number	73	60	75	72	70	75	70
Age-Adjusted Rate	247.5	200.4	237.8	234.0	219.3	230.5	224.5
<b>Heart Disease</b>							
Number	58	46	53	49	50	56	51
Age-Adjusted Rate	196.7	153.1	169.7	162.0	157.5	173.7	163.2

(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: Morgan county residents, 1996, 2002-2006

	1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
<b>Cerebrovascular Disease</b>							
Number	14	12	16	16	16	17	15
Age-Adjusted Rate	47.3	40.9	50.6	49.3	47.8	51.4	48.1
<b>Malignant Neoplasms</b>							
Number	36	44	44	48	52	48	47
Age-Adjusted Rate	132.5	154.4	151.3	162.8	175.0	163.5	161.7
<b>Lung Cancer</b>							
Number	6	14	9	17	16	11	13
Age-Adjusted Rate	22.6	50.8	31.7	58.0	54.8	38.7	46.8
<b>Breast Cancer</b>							
Number	7	4	7	*	5	3	4
Age-Adjusted Rate	27.3	14.1	22.7	*	17.5	10.3	14.2
<b>Total Unintentional Injuries</b>							
Number	16	20	14	8	13	8	13
Age-Adjusted Rate	62.8	72.7	49.7	27.8	42.7	29.3	44.2
<b>Motor Vehicle</b>							
Number	12	13	8	*	4	4	6
Age-Adjusted Rate	46.6	48.9	29.3	*	13.6	14.8	22.8
<b>Other Unintentional Injuries</b>							
Number	4	7	6	6	9	4	6
Age-Adjusted Rate	16.2	23.8	20.4	20.0	29.1	14.5	21.5
<b>Chronic Lower Respiratory Diseases</b>							
Number	11	21	17	19	20	15	18
Age-Adjusted Rate	39.1	72.9	57.2	62.1	65.7	51.5	61.9
<b>Suicide</b>							
Number	5	5	4	*	3	*	3
Age-Adjusted Rate	18.9	19.5	15.2	*	11.3	*	11.4
<b>Homicide and Legal Intervention</b>							
Number	*	*	0	0	*	*	*
Age-Adjusted Rate	*	*	0.0	0.0	*	*	*
<b>Work-Related Injury</b>							
Number	0	4	4	0	0	*	*
Age-Adjusted Rate	0.0	14.7	15.2	0.0	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: Morgan 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>	239	100.0	215	100.0	19	100.0	0	0.0	0	0.0	4	100.0
<b>Cardiovascular Disease</b>	75	31.4	70	32.6	5	26.3	0	0.0	0	0.0	0	0.0
Heart Disease	56	23.4	53	24.7	3	15.8	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	17	7.1	15	7.0	*	*	0	0.0	0	0.0	0	0.0
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Malignant Neoplasms</b>	48	20.1	41	19.1	4	21.1	0	0.0	0	0.0	*	*
Lung Cancer	11	4.6	11	5.1	0	0.0	0	0.0	0	0.0	0	0.0
Breast Cancer	3	1.3	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Chronic Lower Respiratory Disease</b>	15	6.3	15	7.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Unintentional Injuries</b>	8	3.3	6	2.8	*	*	0	0.0	0	0.0	*	*
Motor Vehicle	4	1.7	3	1.4	0	0.0	0	0.0	0	0.0	*	*
Other Unintentional Injuries	4	1.7	3	1.4	*	*	0	0.0	0	0.0	0	0.0
<b>Pneumonia and Influenza</b>	8	3.3	7	3.3	*	*	0	0.0	0	0.0	0	0.0
<b>Suicide</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Diabetes Mellitus</b>	10	4.2	9	4.2	*	*	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>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Alzheimer's Disease</b>	10	4.2	10	4.7	0	0.0	0	0.0	0	0.0	0	0.0
<b>Nephritis, Nephrosis, Nephrotic Syndrome</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Homicide and Legal Intervention</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
<b>Septicemia</b>	*	*	*	*	0	0.0	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>	*	*	*	*	*	*	0	0.0	0	0.0	0	0.0
<b>All Other</b>	53	22.2	46	21.4	6	31.6	0	0.0	0	0.0	*	*
<b>Injury by Firearm</b>	3	1.3	3	1.4	0	0.0	0	0.0	0	0.0	0	0.0
<b>Drug-Induced Deaths</b>	*	*	*	*	0	0.0	0	0.0	0	0.0	*	*
<b>Alcohol-Induced Deaths</b>	3	1.3	*	*	*	*	0	0.0	0	0.0	0	0.0
<b>Work-Related Injury (Y/N Check Death Certificate)</b>	*	*	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: Morgan county residents, 2006**

Age Group	Deaths	Population	Age-Specific Death Rate
<b>All Ages</b>	239	28,539	8.4
<b>Infant</b>	5	417	12.0
<b>Neonatal</b>	4	417	9.6
<b>1-4</b>	*	1,871	*
<b>5-9</b>	0	2,421	0.0
<b>10-14</b>	0	2,386	0.0
<b>15-19</b>	*	1,971	*
<b>20-24</b>	*	1,867	*
<b>25-29</b>	3	1,542	1.9
<b>30-34</b>	3	1,795	1.7
<b>35-39</b>	*	1,983	*
<b>40-44</b>	3	2,084	1.4
<b>45-49</b>	4	2,094	1.9
<b>50-54</b>	7	1,887	3.7
<b>55-59</b>	14	1,468	9.5
<b>60-64</b>	8	1,093	7.3
<b>65-69</b>	15	917	16.4
<b>70-74</b>	18	895	20.1
<b>75-79</b>	26	729	35.7
<b>80-84</b>	29	547	53.0
<b>85+</b>	98	573	171.0
<b>1-14</b>	*	6,678	*
<b>15-24</b>	3	3,838	0.8
<b>25-64</b>	43	13,946	3.1
<b>65+</b>	186	3,661	50.8

*\* 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: Morgan 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	5	12.0	*	*	3	0.8	10	1.4	33	5.0	186	50.8
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	*	*	8	1.2	66	18.0
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	6	0.9	50	13.7
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	*	*	14	3.8
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	0	0.0	0	0.0	0	0.0	*	*	11	1.7	35	9.6
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	3	0.5	8	2.2
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	*	*	*	*
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	3	0.5	12	3.3
Unintentional Injuries	0	0.0	0	0.0	*	*	*	*	*	*	3	0.8
Motor Vehicle	0	0.0	0	0.0	*	*	*	*	0	0.0	*	*
Other Unintentional Injuries	0	0.0	0	0.0	0	0.0	*	*	*	*	*	*
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	*	*	0	0.0	7	1.9
Suicide	0	0.0	0	0.0	0	0.0	*	*	*	*	0	0.0
Diabetes Mellitus	0	0.0	0	0.0	*	*	0	0.0	*	*	7	1.9
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	0	0.0	*	*	*	*
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	2.7
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	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	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	*	*	*	*
Congenital Anomalies	*	*	0	0.0	0	0.0	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	*	*	5	0.8	43	11.7
Injury by Firearm	0	0.0	0	0.0	0	0.0	*	*	*	*	0	0.0
Drug-Induced Deaths	0	0.0	0	0.0	0	0.0	*	*	0	0.0	0	0.0
Alcohol-Induced Deaths	0	0.0	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	*	*	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:  
Morgan county residents, 2006**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	239	837.5	764.7	670.1	859.3
Cardiovascular Disease	75	262.8	230.5	178.8	282.2
Heart Disease	56	196.2	173.7	128.4	219.1
Cerebrovascular Disease	17	59.6	51.4	26.8	75.9
Atherosclerosis	0	0.0	0.0	0.0	0.0
Malignant Neoplasms	48	168.2	163.5	117.2	209.9
Lung Cancer	11	38.5	38.7	19.2	64.9
Breast Cancer	3	10.5	10.3	1.9	25.5
Chronic Lower Respiratory Diseases	15	52.6	51.5	25.4	77.7
Unintentional Injuries	8	28.0	29.3	12.8	52.5
Motor Vehicle	4	14.0	14.8	4.1	32.3
Other Unintentional Injuries	4	14.0	14.5	3.9	31.8
Pneumonia and Influenza	8	28.0	24.9	9.9	46.5
Suicide	*	*	*	*	*
Diabetes Mellitus	10	35.0	31.8	14.5	55.8
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	*	*	*	*	*
Alzheimer's Disease	10	35.0	28.7	12.4	51.7
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	*	*	*	*	*
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*
All Other	53	185.7	163.2	119.4	207.1
Injury by Firearm	3	10.5	11.4	2.4	27.4
Drug-Induced Deaths	*	*	*	*	*
Alcohol-Induced Deaths	3	10.5	10.3	1.9	25.6
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.