

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

Morgan County Births and Deaths 2003

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Selected birth characteristics: Morgan county residents, 2003

Characteristic	Number	Percent
Total Live Births	448	100.0
Age of Mother		
10-17	32	7.2
18-19	50	11.2
20-29	266	59.5
30+	99	22.1
Low Weight Births (<2,500 Grams)	30	6.7
Very Low Weight Births (<1,500 Grams)	4	0.9
Prenatal Care Later than 1st Trimester/No Care	182	41.2
No Prenatal Care	5	1.1
Preterm Births (<37 Weeks)	41	9.2
Education of Mother <12 Years	185	41.3
Live Births to Unmarried Women	179	40.0
Smoking During Pregnancy	55	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 age group of mother: Morgan 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	448	100.0	32	100.0	50	100.0	266	100.0	99	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	194	43.4	7	21.9	21	42.0	120	45.1	46	46.5
White Hispanic	247	55.3	25	78.1	29	58.0	142	53.4	51	51.5
Black	*	*	0	0.0	0	0.0	*	*	*	*
Other	4	0.9	0	0.0	0	0.0	3	1.1	*	*
Low Weight Births (<2,500 Grams)	30	6.7	*	*	4	8.0	16	6.0	8	8.1
Very Low Weight Births (<1,500 Grams)	4	0.9	0	0.0	*	*	3	1.1	0	0.0
Prenatal Care Later than 1st Trimester/No Care	182	41.2	18	56.3	27	55.1	99	37.8	38	38.4
No Prenatal Care	5	1.1	0	0.0	0	0.0	*	*	3	3.0
Preterm Births (<37 Weeks)	41	9.2	3	9.4	*	*	25	9.4	12	12.1
Education of Mother <12 Years	185	41.3	30	93.8	26	52.0	100	37.6	29	29.3
Live Births to Unmarried Women	179	40.0	30	93.8	36	72.0	92	34.6	20	20.2
Smoking During Pregnancy	55	12.3	5	15.6	10	20.0	30	11.3	10	10.1

* 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: Morgan 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	194	100.0	247	100.0	*	*	*	*	*	*
Age of Mother										
10-17	7	3.6	25	10.1	0	0.0	0	0.0	0	0.0
18-19	21	10.8	29	11.7	0	0.0	0	0.0	0	0.0
20-29	120	61.9	142	57.5	*	*	*	*	*	*
30+	46	23.7	51	20.6	*	*	*	*	0	0.0
Low Weight Births (<2,500 Grams)	12	6.2	18	7.3	0	0.0	0	0.0	0	0.0
Very Low Weight Births (<1,500 Grams)	3	1.5	*	*	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	65	33.9	112	45.9	*	*	*	*	*	*
No Prenatal Care	3	1.6	*	*	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	15	7.7	26	10.5	0	0.0	0	0.0	0	0.0
Education of Mother <12 Years	23	11.9	160	64.8	*	*	0	0.0	*	*
Live Births to Unmarried Women	58	29.9	119	48.2	0	0.0	0	0.0	*	*
Smoking During Pregnancy	44	22.7	9	3.6	*	*	*	*	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: Morgan county residents, 2003

Age Group	Births	Population	Fertility Rate
All Ages	448	5,504	81.4
Teen Age Groups			
13-14	*	450	*
15-17	30	623	48.2
18-19	50	398	125.6
10-17	32	1,763	18.2
10-19	82	2,161	37.9
All Age Groups			
10-14	*	1,140	*
15-19	80	1,021	78.4
20-24	142	800	177.5
25-29	124	752	164.9
30-34	56	912	61.4
35-39	37	953	38.8
40-49	6	2,070	2.9

** 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: Morgan county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Total Population	24,245	26,952	27,262	27,625	27,861	28,239	27,588
Total Births							
Number	422	525	452	489	481	448	479
Birth Rate	17.4	19.5	16.6	17.7	17.3	15.9	17.4
General Fertility Rate	86.4	96.2	81.8	88.7	87.8	81.4	87.2
Age of Mother 10-17							
Number	29	29	26	35	26	32	30
Percent of Total Births	6.9	5.5	5.8	7.2	5.4	7.1	6.2
Fertility Rate	19.0	16.3	14.4	19.8	14.8	18.2	16.7
Low Weight Births (<2,500 Grams)							
Number	33	51	31	35	41	30	38
Percent	7.8	9.7	6.9	7.2	8.5	6.7	7.8
Prenatal Care Later Than 1st Trimester							
Number	149	125	133	141	154	182	147
Percent	35.6	23.9	29.5	29.0	32.3	41.2	30.9
Births to Unmarried Women							
Number	122	159	177	175	169	179	172
Percent	28.9	30.3	39.2	35.8	35.1	40.0	35.9
Mother's Education <12 Years							
Number	164	216	184	210	192	185	197
Percent	39.1	41.4	40.8	43.0	40.6	42.5	41.7
Infant Deaths							
Number	7	*	3	4	7	3	4
Rate	16.6	*	6.6	8.2	14.6	6.7	7.9
Neonatal Deaths							
Number	4	*	*	3	5	3	*
Rate	9.5	*	*	6.1	10.4	6.7	*
Total Deaths							
Number	264	236	256	254	245	237	246
Crude Rate	1,088.9	875.6	939.0	919.5	879.4	839.3	890.2
Age-Adjusted Rate	984.1	821.5	882.1	855.3	825.9	787.2	834.4
Cardiovascular Disease							
Number	98	82	84	82	60	75	77
Age-Adjusted Rate	361.9	274.3	280.6	267.7	199.2	238.0	251.5
Heart Disease							
Number	76	60	61	64	46	53	57
Age-Adjusted Rate	276.9	201.1	206.5	208.1	151.8	169.9	187.2

(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, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Cerebrovascular Disease							
Number	22	20	18	13	12	16	16
Age-Adjusted Rate	85.0	67.3	57.7	43.3	41.1	50.9	51.8
Malignant Neoplasms							
Number	61	48	44	53	44	44	47
Age-Adjusted Rate	229.8	170.7	158.4	189.4	155.1	152.8	165.5
Lung Cancer							
Number	19	6	12	21	14	9	12
Age-Adjusted Rate	73.5	21.9	44.4	74.5	51.1	31.9	45.0
Breast Cancer							
Number	5	3	4	3	4	7	4
Age-Adjusted Rate	18.2	10.5	15.0	11.5	14.1	22.5	14.9
Total Unintentional Injuries							
Number	12	12	27	21	20	14	19
Age-Adjusted Rate	47.2	46.8	97.1	77.3	72.3	50.0	68.5
Motor Vehicle							
Number	8	5	13	18	13	8	11
Age-Adjusted Rate	31.9	19.9	49.1	66.9	48.8	29.3	42.8
Other Unintentional Injuries							
Number	4	7	14	3	7	6	7
Age-Adjusted Rate	15.2	26.9	47.9	10.4	23.5	20.7	25.7
Chronic Lower Respiratory Diseases							
Number	11	22	20	24	21	17	21
Age-Adjusted Rate	44.4	79.2	68.0	79.6	72.7	58.5	71.5
Suicide							
Number	6	3	4	5	5	4	4
Age-Adjusted Rate	25.5	11.8	15.5	18.3	19.4	15.1	16.1
Homicide and Legal Intervention							
Number	0	*	3	0	*	0	*
Age-Adjusted Rate	0.0	*	11.7	0.0	*	0.0	*
Work-Related Injury							
Number	4	*	8	*	4	4	4
Age-Adjusted Rate	17.5	*	31.0	*	14.6	15.2	13.7

* 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, 2003

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	237	100.0	213	100.0	22	100.0	0	0.0	*	*	0	0.0
Cardiovascular Disease	75	31.6	71	33.3	4	18.2	0	0.0	0	0.0	0	0.0
Heart Disease	53	22.4	49	23.0	4	18.2	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	16	6.8	16	7.5	0	0.0	0	0.0	0	0.0	0	0.0
Atherosclerosis	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	44	18.6	39	18.3	4	18.2	0	0.0	0	0.0	0	0.0
Lung Cancer	9	3.8	8	3.8	*	*	0	0.0	0	0.0	0	0.0
Breast Cancer	7	3.0	7	3.3	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	17	7.2	17	8.0	0	0.0	0	0.0	0	0.0	0	0.0
Unintentional Injuries	14	5.9	10	4.7	3	13.6	0	0.0	*	*	0	0.0
Motor Vehicle	8	3.4	6	2.8	*	*	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	6	2.5	4	1.9	*	*	0	0.0	*	*	0	0.0
Pneumonia and Influenza	15	6.3	13	6.1	*	*	0	0.0	0	0.0	0	0.0
Suicide	4	1.7	4	1.9	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	9	3.8	9	4.2	0	0.0	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	*	*	*	*	*	*	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	6	2.5	6	2.8	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	3	1.3	3	1.4	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	0	0.0
Septicemia	3	1.3	3	1.4	0	0.0	0	0.0	0	0.0	0	0.0
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
All Other	41	17.3	36	16.9	5	22.7	0	0.0	0	0.0	0	0.0
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
Alcohol-Induced Deaths	4	1.7	*	*	*	*	0	0.0	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	4	1.7	3	1.4	*	*	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, 2003

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	237	28,239	8.4
Infant	3	448	6.7
Neonatal	3	448	6.7
1-4	0	1,934	0.0
5-9	*	2,413	*
10-14	*	2,371	*
15-19	*	2,047	*
20-24	4	1,690	2.4
25-29	*	1,553	*
30-34	0	1,876	0.0
35-39	*	1,974	*
40-44	8	2,179	3.7
45-49	4	2,037	2.0
50-54	15	1,719	8.7
55-59	8	1,338	6.0
60-64	12	1,038	11.6
65-69	10	957	10.4
70-74	24	851	28.2
75-79	28	709	39.5
80-84	32	509	62.9
85+	83	575	144.3
1-14	*	6,718	*
15-24	5	3,737	1.3
25-64	50	13,714	3.6
65+	177	3,601	49.2

* 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: Morgan 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	3	6.7	*	*	5	1.3	11	1.5	39	6.4	177	49.2
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	8	1.3	67	18.6
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	7	1.1	46	12.8
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	15	4.2
Atherosclerosis	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	*	*	13	2.1	29	8.1
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	*	*	7	1.9
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	3	0.5	4	1.1
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	*	*	16	4.4
Unintentional Injuries	0	0.0	*	*	3	0.8	3	0.4	*	*	4	1.1
Motor Vehicle	0	0.0	*	*	*	*	*	*	*	*	*	*
Other Unintentional Injuries	0	0.0	*	*	*	*	*	*	0	0.0	3	0.8
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	0	0.0	*	*	13	3.6
Suicide	0	0.0	0	0.0	*	*	*	*	*	*	0	0.0
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	0	0.0	8	2.2
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	0	0.0	*	*	0	0.0
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	1.7
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.8
Homicide and Legal Intervention	0	0.0	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	0	0.0	3	0.8
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	0	0.0	0	0.0	3	0.4	10	1.6	28	7.8
Injury by Firearm	0	0.0	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	*	*	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	*	*	3	0.5	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	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, 2003**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	237	839.3	787.2	688.6	885.7
Cardiovascular Disease	75	265.6	238.0	184.3	291.6
Heart Disease	53	187.7	169.9	124.1	215.8
Cerebrovascular Disease	16	56.7	50.9	25.7	76.0
Atherosclerosis	*	*	*	*	*
Malignant Neoplasms	44	155.8	152.8	107.5	198.0
Lung Cancer	9	31.9	31.9	7.8	15.6
Breast Cancer	7	24.8	22.5	4.6	10.9
Chronic Lower Respiratory Diseases	17	60.2	58.5	30.6	86.5
Unintentional Injuries	14	49.6	50.0	23.7	76.3
Motor Vehicle	8	28.3	29.3	7.3	14.9
Other Unintentional Injuries	6	21.2	20.7	4.5	10.7
Pneumonia and Influenza	15	53.1	46.2	22.6	69.7
Suicide	4	14.2	15.1	3.3	8.9
Diabetes Mellitus	9	31.9	29.4	6.5	13.8
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	*	*	*	*	*
Alzheimer's Disease	6	21.2	19.1	3.6	9.4
Nephritis, Nephrosis, Nephrotic Syndrome	3	10.6	9.1	1.2	5.1
Homicide and Legal Intervention	0	0.0	0.0	0.0	0.0
Septicemia	3	10.6	10.0	1.6	5.9
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*
All Other	41	145.2	139.3	96.4	182.1
Injury by Firearm	*	*	*	*	*
Drug-Induced Deaths	*	*	*	*	*
Alcohol-Induced Deaths	4	14.2	14.7	3.0	8.4
Work-Related Injury (Y/N Check Death Certificate)	4	14.2	15.2	2.9	9.6

** 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.