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Morgan County Births and Deaths 2001

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

Characteristic	Number	Percent	Lower Limit	Upper Limit
Total Live Births	490	100.0	100.0	100.0
Age of Mother				
10-17	35	7.1	4.8	9.5
18-19	53	10.8	8.0	13.7
20-29	272	55.5	51.0	60.0
30+	130	26.5	22.5	30.5
Low Weight Births (<2,500 Grams)	35	7.1	4.8	9.5
Very Low Weight Births (<1,500 Grams)	*	*	*	*
Prenatal Care Later than 1st Trimester/No Care	140	28.6	24.5	32.7
No Prenatal Care	4	0.8	0.2	1.8
Preterm Births (<37 Weeks)	38	7.8	5.3	10.2
Education of Mother <12 Years	210	42.9	38.4	47.3
Live Births to Unmarried Women	176	35.9	31.6	40.3
Smoking During Pregnancy	60	12.2	9.2	15.2

** 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 and explanation of confidence limits.

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

Selected birth characteristics by age group of mother: Morgan 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	490	100.0	35	100.0	53	100.0	272	100.0	130	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	220	45.0	12	34.3	15	28.3	123	45.2	70	54.3
White Hispanic	264	54.0	23	65.7	38	71.7	147	54.0	56	43.4
Black	*	*	0	0.0	0	0.0	*	*	*	*
Other	3	0.6	0	0.0	0	0.0	*	*	*	*
Low Weight Births (<2,500 Grams)	35	7.2	*	*	5	9.4	18	6.6	10	7.8
Very Low Weight Births (<1,500 Grams)	*	*	0	0.0	*	*	0	0.0	*	*
Prenatal Care Later than 1st Trimester/No Care	140	28.7	11	31.4	18	34.0	81	29.9	30	23.4
No Prenatal Care	4	0.8	*	*	0	0.0	*	*	*	*
Preterm Births (<37 Weeks)	38	7.8	*	*	5	9.4	17	6.3	14	10.9
Education of Mother <12 Years	210	42.9	32	91.4	30	56.6	114	41.9	34	26.2
Live Births to Unmarried Women	176	35.9	30	85.7	31	58.5	93	34.2	22	16.9
Smoking During Pregnancy	60	12.3	6	17.1	4	7.7	34	12.5	16	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 race/ethnicity of mother: Morgan 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	220	100.0	264	100.0	*	*	0	0.0	3	100.0
Age of Mother										
10-17	12	5.5	23	8.7	0	0.0	0	0.0	0	0.0
18-19	15	6.8	38	14.4	0	0.0	0	0.0	0	0.0
20-29	123	55.9	147	55.7	*	*	0	0.0	*	*
30+	70	31.8	56	21.2	*	*	0	0.0	*	*
Low Weight Births (<2,500 Grams)	12	5.5	23	8.7	0	0.0	0	0.0	0	0.0
Very Low Weight Births (<1,500 Grams)	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	40	18.3	98	37.3	*	*	0	0.0	*	*
No Prenatal Care	*	*	3	1.1	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	17	7.7	21	8.0	0	0.0	0	0.0	0	0.0
Education of Mother <12 Years	37	16.8	172	65.2	*	*	0	0.0	0	0.0
Live Births to Unmarried Women	63	28.6	111	42.0	*	*	0	0.0	0	0.0
Smoking During Pregnancy	48	21.9	10	3.8	*	*	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: Morgan county residents, 2001

	Births	Population	Fertility Rate	Lower Limit	Upper Limit
Age Group					
All Ages	490	5,588	87.7	80.2	95.2
Teenage Group					
13-14	7	436	16.1	3.1	29.0
15-17	28	656	42.7	26.5	58.9
18-19	53	400	132.5	98.0	167.0
10-17	35	1,772	19.8	13.0	26.5
10-19	88	2,172	40.5	32.0	49.0
All Age Groups					
10-14	7	1,116	6.3	1.2	11.4
15-19	81	1,056	76.7	60.2	93.2
20-24	145	753	192.6	163.7	221.4
25-29	127	842	150.8	126.1	175.6
30-34	89	891	99.9	79.6	120.1
35-39	30	1,005	29.9	18.8	40.9
40-49	11	1,971	5.6	2.0	9.1

** 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: Morgan county residents, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Total Population	22,698	26,647	26,663	26,952	27,256	27,622	27,028
Total Births							
Number	372	473	495	523	452	490	487
Birth Rate	16.4	17.8	18.6	19.4	16.6	17.7	18.0
General Fertility Rate	81.5	87.8	91.8	95.8	81.8	87.7	88.9
Age of Mother 10-17							
Number	22	35	57	29	26	35	36
Percent of Total Births	5.9	7.4	11.5	5.5	5.8	7.1	7.5
Fertility Rate	15.7	20.2	32.7	16.3	14.4	19.8	20.6
Low Weight Births (<2,500 Grams)							
Number	29	42	36	50	30	35	39
Percent	7.8	8.9	7.3	9.6	6.6	7.1	7.9
Prenatal Care Later Than 1st Trimester							
Number	136	111	147	124	134	140	131
Percent	36.7	23.5	29.7	23.8	29.7	28.7	27.0
Births to Unmarried Women							
Number	79	190	181	159	176	176	176
Percent	21.2	40.2	36.6	30.4	38.9	35.9	36.3
Mother's Education <12 Years							
Number	147	212	220	214	185	210	208
Percent	39.7	45.0	44.5	41.2	41.0	42.9	42.9
Infant Deaths							
Number	3	*	3	*	3	4	*
Rate	8.1	*	6.1	*	6.6	8.2	*
Neonatal Deaths							
Number	*	*	*	*	*	3	*
Rate	*	*	*	*	*	6.1	*
Total Deaths							
Number	233	218	244	236	257	256	242
Crude Rate	1026.5	818.1	915.1	875.6	942.9	926.8	896.1
Age-Adjusted Rate	919.1	753.9	845.3	821.5	885.5	888.8	839.2
Cardiovascular Disease							
Number	90	70	86	82	85	82	81
Age-Adjusted Rate	342.7	236.6	296.0	274.3	283.8	277.9	274.0
Heart Disease							
Number	73	52	71	60	62	64	62
Age-Adjusted Rate	277.9	176.9	243.6	201.1	209.6	215.7	209.7

(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, 1991, 1997-2001

	1991	1997	1998	1999	2000	2001	1997-2001 Annual Average
Cerebrovascular Disease							
Number	16	18	15	20	18	13	17
Age-Adjusted Rate	61.2	59.8	52.4	67.3	57.7	45.2	56.4
Malignant Neoplasms							
Number	50	42	37	48	44	54	45
Age-Adjusted Rate	199.3	151.4	129.7	170.7	158.4	197.7	161.3
Lung Cancer							
Number	10	7	4	6	12	21	10
Age-Adjusted Rate	38.6	24.6	13.9	21.9	44.4	77.0	36.3
Breast Cancer							
Number	4	*	*	3	4	4	*
Age-Adjusted Rate	20.0	*	*	10.5	15.0	14.5	*
Total Unintentional Injuries							
Number	8	18	13	12	27	21	18
Age-Adjusted Rate	39.3	65.5	46.6	46.8	97.1	76.6	66.9
Motor Vehicle							
Number	6	8	7	5	13	18	10
Age-Adjusted Rate	29.1	30.9	25.6	19.9	49.1	66.1	38.7
Other Unintentional Injuries							
Number	*	10	6	7	14	3	8
Age-Adjusted Rate	*	34.6	21.0	26.9	48.0	10.5	28.2
Chronic Lower Respiratory Diseases							
Number	19	16	22	22	20	24	21
Age-Adjusted Rate	74.3	55.0	77.4	79.2	68.0	82.9	72.5
Suicide							
Number	3	*	6	3	4	5	4
Age-Adjusted Rate	13.1	*	22.8	11.8	15.5	18.7	15.4
Homicide and Legal Intervention							
Number	0	0	*	*	3	0	*
Age-Adjusted Rate	0.0	0.0	*	*	11.7	0.0	*
Work-Related Injury							
Number	*	*	*	*	8	*	*
Age-Adjusted Rate	*	*	*	*	31.0	*	*

** 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, 2001

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	256	100.0	233	100.0	23	100.0	0	0.0	0	0.0	0	0.0
Cardiovascular Disease	82	32.0	75	32.2	7	30.4	0	0.0	0	0.0	0	0.0
Heart Disease	64	25.0	58	24.9	6	26.1	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	13	5.1	12	5.2	*	*	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
Malignant Neoplasms	54	21.1	53	22.7	*	*	0	0.0	0	0.0	0	0.0
Lung Cancer	21	8.2	21	9.0	0	0.0	0	0.0	0	0.0	0	0.0
Breast Cancer	4	1.6	4	1.7	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	24	9.4	23	9.9	*	*	0	0.0	0	0.0	0	0.0
Unintentional Injuries	21	8.2	11	4.7	10	43.5	0	0.0	0	0.0	0	0.0
Motor Vehicle	18	7.0	10	4.3	8	34.8	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	3	1.2	*	*	*	*	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	10	3.9	10	4.3	0	0.0	0	0.0	0	0.0	0	0.0
Suicide	5	2.0	5	2.1	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	*	*	*	*	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	3	1.2	*	*	*	*	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	9	3.5	9	3.9	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	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	4	1.6	4	1.7	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
Perinatal Period Conditions	*	*	*	*	*	*	0	0.0	0	0.0	0	0.0
All Other	37	14.5	35	15.0	*	*	0	0.0	0	0.0	0	0.0
Injury by Firearm	4	1.6	4	1.7	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	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

** 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: Morgan county residents, 2001

Age Group	Deaths	Population	Age-Specific Death Rate	Lower Limit	Upper Limit
All Ages	256	27,622	9.3	8.1	10.4
Infant	4	490	8.2	2.1	18.0
Neonatal	3	490	6.1	1.2	15.0
1-4	*	1,872	*	*	*
5-9	0	2,366	0.0	0.0	0.0
10-14	*	2,257	*	*	*
15-19	7	2,168	3.2	0.6	5.8
20-24	4	1,612	2.5	0.6	5.5
25-29	6	1,697	3.5	0.4	6.7
30-34	*	1,897	*	*	*
35-39	3	2,041	1.5	0.3	3.6
40-44	3	2,114	1.4	0.3	3.5
45-49	*	1,904	*	*	*
50-54	4	1,522	2.6	0.7	5.8
55-59	11	1,169	9.4	3.4	15.4
60-64	16	1,045	15.3	7.4	23.2
65-69	22	909	24.2	13.7	34.7
70-74	23	837	27.5	15.8	39.2
75-79	31	690	44.9	28.7	61.1
80-84	34	519	65.5	43.3	87.8
85+	83	538	154.3	122.8	185.7
1-14	*	6,495	*	*	*
15-24	11	3,780	2.9	1.1	4.8
25-64	46	13,389	3.4	2.4	4.5
65+	193	3,493	55.3	47.5	63.0

** 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: Morgan 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	8.2	*	*	11	2.9	13	1.7	33	5.9	193	55.3
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	10	1.8	72	20.6
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	10	1.8	54	15.5
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	3.7
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	3	0.4	14	2.5	37	10.6
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	5	0.9	16	4.6
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	*	*	23	6.6
Unintentional Injuries	*	*	*	*	9	2.4	7	0.9	*	*	*	*
Motor Vehicle	0	0.0	*	*	9	2.4	6	0.8	*	*	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	*	*	8	2.3
Suicide	0	0.0	0	0.0	*	*	0	0.0	*	*	3	0.9
Diabetes Mellitus	0	0.0	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	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	9	2.6
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	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	*	*	3	0.9
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	*	*	*	*	33	9.4
Injury by Firearm	0	0.0	0	0.0	0	0.0	0	0.0	*	*	3	0.9
Drug-Induced Deaths	0	0.0	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	*	*	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.

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 causes:
Morgan county residents, 2001**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	256	926.8	888.8	782.2	995.3
Cardiovascular Disease	82	296.9	277.9	218.0	337.7
Heart Disease	64	231.7	215.7	163.0	268.4
Cerebrovascular Disease	13	47.1	45.2	20.5	69.9
Atherosclerosis	0	0.0	0.0	0.0	0.0
Malignant Neoplasms	54	195.5	197.7	144.9	250.4
Lung Cancer	21	76.0	77.0	44.0	110.0
Breast Cancer	4	14.5	14.5	3.0	8.4
Chronic Lower Respiratory Diseases	24	86.9	82.9	49.7	116.2
Unintentional Injuries	21	76.0	76.6	43.8	109.5
Motor Vehicle	18	65.2	66.1	35.5	96.7
Other Unintentional Injuries	3	10.9	10.5	1.8	6.4
Pneumonia and Influenza	10	36.2	33.1	7.5	15.4
Suicide	5	18.1	18.7	4.2	10.5
Diabetes Mellitus	*	*	*	*	*
HIV Infection	*	*	*	*	*
Chronic Liver Disease and Cirrhosis	3	10.9	11.7	2.4	7.4
Alzheimer's Disease	9	32.6	28.4	5.8	12.9
Nephritis, Nephrosis, Nephrotic Syndrome	*	*	*	*	*
Homicide and Legal Intervention	0	0.0	0.0	0.0	0.0
Septicemia	4	14.5	13.4	2.4	7.5
Congenital Anomalies	*	*	*	*	*
Perinatal Period Conditions	*	*	*	*	*
All Other	37	134.0	126.0	85.3	166.7
Injury by Firearm	4	14.5	15.1	3.2	8.8
Drug-Induced Deaths	0	0.0	0.0	0.0	0.0
Alcohol-Induced Deaths	*	*	*	*	*
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.