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Morgan County Births and Deaths 2002

Selected birth characteristics: Morgan County residents, 2002	2
Selected birth characteristics by age group of mother: Morgan County residents, 2002	3
Selected birth characteristics by race/ethnicity of mother: Morgan County residents, 2002.....	4
Live births and fertility rates by age of mother: Morgan County residents, 2002	5
Vital statistics summary: Morgan County residents, 1992, 1998-2002	6
Deaths from selected causes by race/ethnicity: Morgan County residents, 2002	8
Deaths and age-specific death rates: Morgan County residents, 2002	9
Deaths and age-specific death rates from selected causes: Morgan County residents, 2002	10
Deaths, crude death rates and age-adjusted death rates from selected causes:	
Morgan County residents, 2002	11

Selected birth characteristics: Morgan county residents, 2002

Characteristic	Number	Percent
Total Live Births	481	100.0
Age of Mother		
10-17	26	5.4
18-19	46	9.6
20-29	257	53.4
30+	152	31.6
Low Weight Births (<2,500 Grams)	41	8.5
Very Low Weight Births (<1,500 Grams)	12	2.5
Prenatal Care Later than 1st Trimester/No Care	154	32.0
No Prenatal Care	*	*
Preterm Births (<37 Weeks)	50	10.4
Education of Mother <12 Years	193	40.1
Live Births to Unmarried Women	170	35.3
Smoking During Pregnancy	51	10.6

* 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 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, 2002

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	481	100.0	26	100.0	46	100.0	257	100.0	152	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	210	43.7	8	30.8	17	37.0	109	42.4	76	50.0
White Hispanic	261	54.3	17	65.4	28	60.9	144	56.0	72	47.4
Black	4	0.8	*	*	*	*	0	0.0	*	*
Other	6	1.2	0	0.0	0	0.0	4	1.6	*	*
Low Weight Births (<2,500 Grams)	41	8.5	4	15.4	4	8.7	20	7.8	13	8.6
Very Low Weight Births (<1,500 Grams)	12	2.5	0	0.0	*	*	7	2.7	4	2.6
Prenatal Care Later than 1st Trimester/No Care	154	32.3	17	65.4	20	44.4	83	32.5	34	22.5
No Prenatal Care	*	*	0	0.0	0	0.0	*	*	0	0.0
Preterm Births (<37 Weeks)	50	10.4	7	26.9	5	10.9	22	8.6	16	10.5
Education of Mother <12 Years	193	40.1	23	88.5	22	47.8	105	40.9	43	28.3
Live Births to Unmarried Women	170	35.3	24	92.3	29	63.0	93	36.2	24	15.8
Smoking During Pregnancy	51	10.6	3	11.5	6	13.0	29	11.3	13	8.6

* 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 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, 2002

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	210	100.0	261	100.0	4	100.0	4	100.0	*	*
Age of Mother										
10-17	8	3.8	17	6.5	*	*	0	0.0	0	0.0
18-19	17	8.1	28	10.7	*	*	0	0.0	0	0.0
20-29	109	51.9	144	55.2	0	0.0	*	*	*	*
30+	76	36.2	72	27.6	*	*	*	*	0	0.0
Low Weight Births (<2,500 Grams)	14	6.7	26	10.0	0	0.0	*	*	0	0.0
Very Low Weight Births (<1,500 Grams)	5	2.4	6	2.3	0	0.0	*	*	0	0.0
Prenatal Care Later than 1st Trimester/No Care	43	20.7	106	40.9	*	*	*	*	*	*
No Prenatal Care	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Preterm Births (<37 Weeks)	18	8.6	31	11.9	0	0.0	*	*	0	0.0
Education of Mother <12 Years	35	16.7	155	59.4	*	*	*	*	0	0.0
Live Births to Unmarried Women	58	27.6	109	41.8	*	*	0	0.0	*	*
Smoking During Pregnancy	33	15.7	16	6.2	*	*	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 by age group of mother: Morgan county residents, 2002

Age Group	Births	Population	Fertility Rate
All Ages	481	5,514	87.2
Teen Age Groups			
13-14	*	438	*
15-17	25	636	39.3
18-19	46	414	111.1
10-17	26	1,763	14.7
10-19	72	2,177	33.1
All Age Groups			
10-14	*	1,127	*
15-19	71	1,050	67.6
20-24	148	758	195.3
25-29	109	785	138.9
30-34	104	894	116.3
35-39	35	971	36.0
40-49	13	2,036	6.4

* 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 definition of fertility rate.

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

Vital statistics summary: Morgan county residents, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Total Population	23,484	26,663	26,952	27,256	27,622	27,900	27,279
Total Births							
Number	402	495	523	452	490	481	488
Birth Rate	17.1	18.6	19.4	16.6	17.7	17.2	17.9
General Fertility Rate	85.1	91.8	95.8	81.8	87.7	87.2	88.8
Age of Mother 10-17							
Number	33	57	29	26	35	26	35
Percent of Total Births	8.2	11.5	5.5	5.8	7.1	5.4	7.1
Fertility Rate	22.5	32.7	16.3	14.4	19.8	14.7	19.5
Low Weight Births (<2,500 Grams)							
Number	25	36	50	30	35	41	38
Percent	6.2	7.3	9.6	6.6	7.1	8.5	7.9
Prenatal Care Later Than 1st Trimester							
Number	144	147	124	134	140	154	140
Percent	36.4	29.7	23.8	29.7	28.7	32.3	28.7
Births to Unmarried Women							
Number	96	181	159	176	176	170	172
Percent	23.9	36.6	30.4	38.9	35.9	35.3	35.3
Mother's Education <12 Years							
Number	147	220	214	185	210	193	204
Percent	36.7	44.5	41.2	41.0	42.9	40.8	42.1
Infant Deaths							
Number	*	3	*	3	4	7	4
Rate	*	6.1	*	6.6	8.2	14.6	7.8
Neonatal Deaths							
Number	*	*	*	*	3	5	*
Rate	*	*	*	*	6.1	10.4	*
Total Deaths							
Number	240	244	236	257	256	246	248
Crude Rate	1022.0	915.1	875.6	942.9	926.8	881.7	908.4
Age-Adjusted Rate	903.2	845.3	821.5	885.5	888.8	848.9	858.3
Cardiovascular Disease							
Number	97	86	82	85	82	60	79
Age-Adjusted Rate	360.0	296.0	274.3	283.8	277.9	204.6	267.3
Heart Disease							
Number	79	71	60	62	64	46	61
Age-Adjusted Rate	294.4	243.6	201.1	209.6	215.7	155.8	205.2
Cerebrovascular Disease							
Number	18	15	20	18	13	12	16

(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, 1992, 1998-2002

	1992	1998	1999	2000	2001	2002	1998-2002 Annual Average
Age-Adjusted Rate	65.6	52.4	67.3	57.7	45.2	42.2	52.9
Malignant Neoplasms							
Number	38	37	48	44	54	45	46
Age-Adjusted Rate	149.8	129.7	170.7	158.4	197.7	163.1	163.7
Lung Cancer							
Number	5	4	6	12	21	14	11
Age-Adjusted Rate	19.6	13.9	21.9	44.4	77.0	52.4	41.9
Breast Cancer							
Number	8	*	3	4	4	5	3
Age-Adjusted Rate	34.3	*	10.5	15.0	14.5	18.0	12.5
Total Unintentional Injuries							
Number	10	13	12	27	21	20	19
Age-Adjusted Rate	41.6	46.6	46.8	97.1	76.6	72.6	68.3
Motor Vehicle							
Number	6	7	5	13	18	13	11
Age-Adjusted Rate	26.3	25.6	19.9	49.1	66.1	48.9	42.2
Other Unintentional Injuries							
Number	4	6	7	14	3	7	7
Age-Adjusted Rate	15.3	21.0	26.9	48.0	10.5	23.7	26.1
Chronic Lower Respiratory Diseases							
Number	18	22	22	20	24	21	22
Age-Adjusted Rate	69.8	77.4	79.2	68.0	82.9	75.0	76.5
Suicide							
Number	5	6	3	4	5	5	5
Age-Adjusted Rate	18.7	22.8	11.8	15.5	18.7	19.3	17.7
Homicide and Legal Intervention							
Number	*	*	*	3	0	*	*
Age-Adjusted Rate	*	*	*	11.7	0.0	*	*
Work-Related Injury							
Number	*	*	*	8	*	4	3
Age-Adjusted Rate	*	*	*	31.0	*	14.9	11.5

* 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, 2002

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	246	100.0	220	100.0	25	100.0	*	*	0	0.0	0	0.0
Cardiovascular Disease	60	24.4	56	25.5	4	16.0	0	0.0	0	0.0	0	0.0
Heart Disease	46	18.7	43	19.5	3	12.0	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease	12	4.9	11	5.0	*	*	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
Malignant Neoplasms	45	18.3	40	18.2	4	16.0	*	*	0	0.0	0	0.0
Lung Cancer	14	5.7	13	5.9	*	*	0	0.0	0	0.0	0	0.0
Breast Cancer	5	2.0	5	2.3	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Lower Respiratory Disease	21	8.5	21	9.5	0	0.0	0	0.0	0	0.0	0	0.0
Unintentional Injuries	20	8.1	16	7.3	4	16.0	0	0.0	0	0.0	0	0.0
Motor Vehicle	13	5.3	11	5.0	*	*	0	0.0	0	0.0	0	0.0
Other Unintentional Injuries	7	2.8	5	2.3	*	*	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza	11	4.5	10	4.5	*	*	0	0.0	0	0.0	0	0.0
Suicide	5	2.0	4	1.8	*	*	0	0.0	0	0.0	0	0.0
Diabetes Mellitus	6	2.4	5	2.3	*	*	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	0	0.0
Chronic Liver Disease and Cirrhosis	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease	19	7.7	19	8.6	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	4	1.6	4	1.8	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	5	2.0	5	2.3	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies	4	1.6	*	*	*	*	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	42	17.1	36	16.4	6	24.0	0	0.0	0	0.0	0	0.0
Injury by Firearm	5	2.0	3	1.4	*	*	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	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	4	1.6	4	1.8	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, 2002

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	246	27,900	8.8
Infant	7	481	14.6
Neonatal	5	481	10.4
1-4	0	1,907	0.0
5-9	0	2,394	0.0
10-14	0	2,311	0.0
15-19	4	2,131	1.9
20-24	3	1,619	1.9
25-29	*	1,596	*
30-34	3	1,878	1.6
35-39	3	2,002	1.5
40-44	8	2,146	3.7
45-49	9	1,988	4.5
50-54	7	1,624	4.3
55-59	7	1,260	5.6
60-64	12	1,042	11.5
65-69	12	921	13.0
70-74	21	844	24.9
75-79	38	693	54.8
80-84	37	507	73.0
85+	74	549	134.8
1-14	0	6,612	0.0
15-24	7	3,750	1.9
25-64	50	13,536	3.7
65+	182	3,514	51.8

* 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, 2002

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	7	14.6	0	0.0	7	1.9	15	2.0	35	5.9	182	51.8
Cardiovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	10	1.7	50	14.2
Heart Disease	0	0.0	0	0.0	0	0.0	0	0.0	8	1.4	38	10.8
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	0	0.0	*	*	10	2.8
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	*	*	8	1.4	36	10.2
Lung Cancer	0	0.0	0	0.0	0	0.0	0	0.0	3	0.5	11	3.1
Breast Cancer	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	*	*	19	5.4
Unintentional Injuries	0	0.0	0	0.0	6	1.6	4	0.5	4	0.7	6	1.7
Motor Vehicle	0	0.0	0	0.0	6	1.6	3	0.4	*	*	3	0.9
Other Unintentional Injuries	0	0.0	0	0.0	0	0.0	*	*	3	0.5	3	0.9
Pneumonia and Influenza	0	0.0	0	0.0	0	0.0	*	*	0	0.0	9	2.6
Suicide	0	0.0	0	0.0	0	0.0	3	0.4	*	*	0	0.0
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	*	*	*	*	4	1.1
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	0	0.0	*	*
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	19	5.4
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	1.1
Homicide and Legal Intervention	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	4	1.1
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	4	8.3	0	0.0	0	0.0	*	*	8	1.4	29	8.3
Injury by Firearm	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	0	0.0	*	*	*	*
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	*	*	0	0.0	0	0.0	3	0.9

* 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 for selected causes:
Morgan county residents, 2002**

Cause of Death	N	Crude Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	246	881.7	848.9	744.9	953.0
Cardiovascular Disease	60	215.1	204.6	152.8	256.4
Heart Disease	46	164.9	155.8	110.7	201.0
Cerebrovascular Disease	12	43.0	42.2	18.2	66.2
Atherosclerosis	0	0.0	0.0	0.0	0.0
Malignant Neoplasms	45	161.3	163.1	115.5	210.7
Lung Cancer	14	50.2	52.4	25.0	79.9
Breast Cancer	5	17.9	18.0	3.9	9.9
Chronic Lower Respiratory Diseases	21	75.3	75.0	42.8	107.1
Unintentional Injuries	20	71.7	72.6	40.7	104.5
Motor Vehicle	13	46.6	48.9	22.3	75.5
Other Unintentional Injuries	6	21.5	19.9	4.0	10.1
Pneumonia and Influenza	11	39.4	36.9	8.8	17.1
Suicide	5	17.9	19.3	4.6	11.0
Diabetes Mellitus	6	21.5	20.8	4.5	10.8
HIV Infection	0	0.0	0.0	0.0	0.0
Chronic Liver Disease and Cirrhosis	*	*	*	*	*
Alzheimer's Disease	19	68.1	61.9	33.9	89.8
Nephritis, Nephrosis, Nephrotic Syndrome	4	14.3	12.2	1.8	6.4
Homicide and Legal Intervention	*	*	*	*	*
Septicemia	5	17.9	16.1	2.9	8.3
Congenital Anomalies	4	14.3	13.3	2.4	7.4
Perinatal Period Conditions	*	*	*	*	*
All Other	42	150.5	139.0	96.8	181.1
Injury by Firearm	5	17.9	19.1	4.5	10.8
Drug-Induced Deaths	*	*	*	*	*
Alcohol-Induced Deaths	*	*	*	*	*
Work-Related Injury (Y/N Check Death Certificate)	4	14.3	14.9	2.8	9.2

* 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.