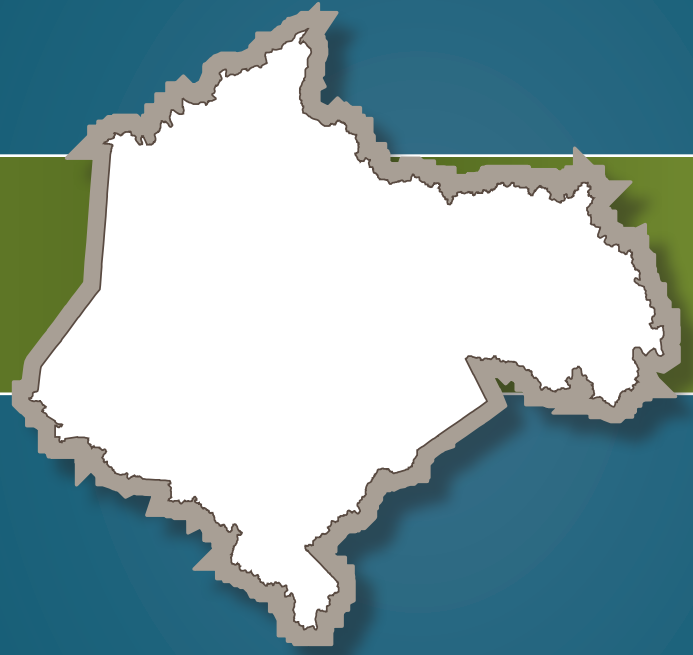


MORGAN COUNTY



Demographic and Socioeconomic Makeup of the County

Morgan County Snapshot

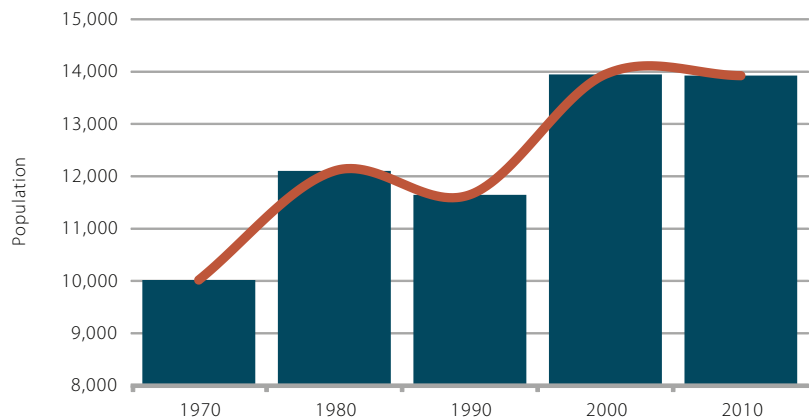
Designated as a Distressed Appalachian County by ARC

Geographic Size - 384 Square Miles

No Direct Interstate Access

Since 1970 Morgan County's population has increased at an average of 9% per decade. A higher rate than the state but slightly less than the nation.

Total Population

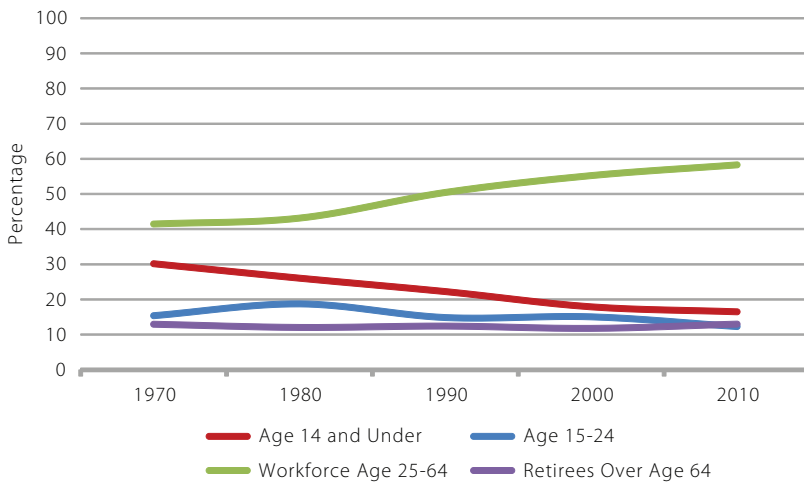


Population Data

	1970	1980	1990	2000	2010	Average Growth per Decade
Morgan County	10,019	12,103	11,648	13,948	13,923	9%
Kentucky	3,218,706	3,660,777	3,685,296	4,041,769	4,339,367	8%
US	203,211,926	226,545,805	248,709,873	281,421,906	308,745,538	11%

US Census Bureau - Decennial Census

Population by Age



Morgan County's population consists of a growing number of those in the workforce age group. Age 14 and under has steadily decreased.

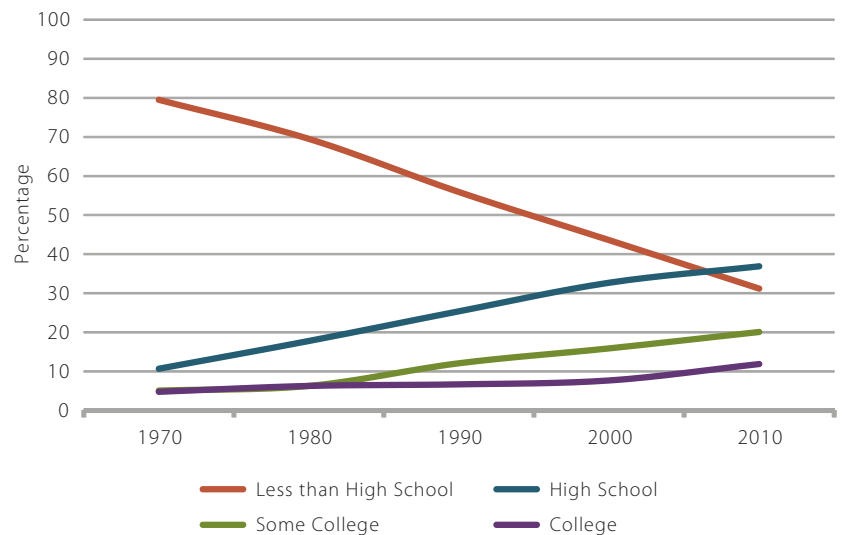
Population by Age Data

	1970	1980	1990	2000	2010
<i>Age 14 and Under</i>					
Morgan County	30%	26%	22%	18%	17%
Kentucky	29%	24%	21%	20%	20%
US	28%	23%	22%	21%	20%
<i>Age 15-24</i>					
Morgan County	15%	19%	15%	15%	12%
Kentucky	18%	19%	15%	14%	14%
US	17%	19%	15%	14%	14%
<i>Workforce 25-64</i>					
Morgan County	41%	43%	50%	55%	58%
Kentucky	43%	46%	51%	53%	54%
US	44%	47%	51%	52%	53%
<i>Retirees Over Age 64</i>					
Morgan County	13%	12%	12%	12%	13%
Kentucky	10%	11%	13%	12%	13%
US	10%	11%	12%	12%	13%

US Census Bureau - Decennial Census

Morgan County's educational attainment rates have shown dramatic improvement since the 1970s. More improvement is necessary to equal levels of the state and the nation.

Educational Attainment



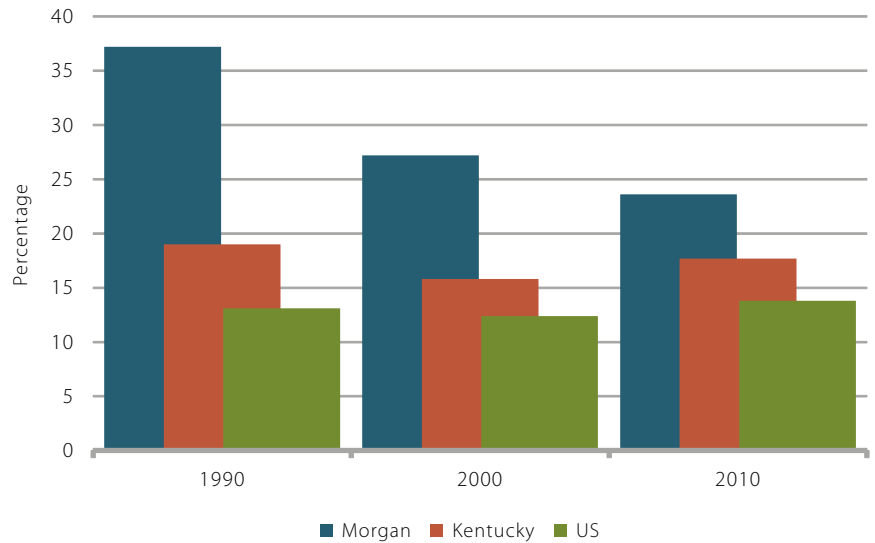
Educational Attainment 2010

	Morgan Co.	KY	US
Less than High School	31%	19%	15%
High School	37%	34%	29%
Some College	20%	26%	28%
College	12%	20%	28%

US Census Bureau - Decennial Census

Poverty Level

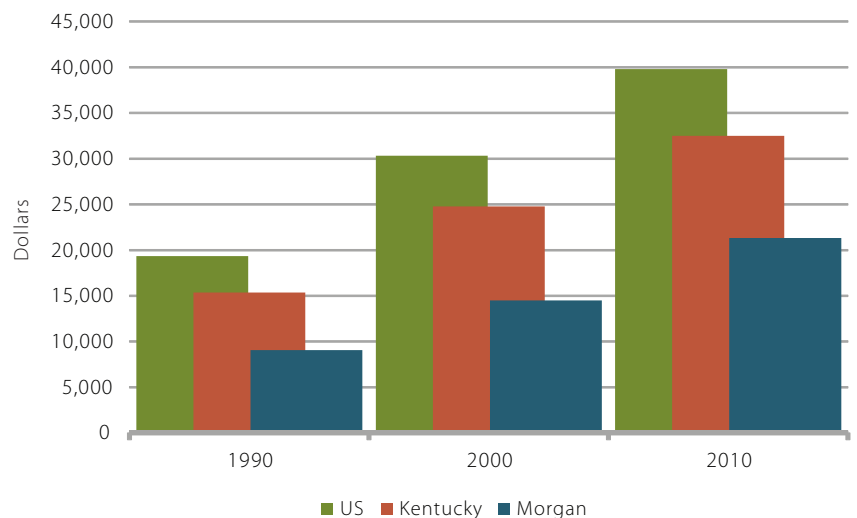
Morgan County's poverty levels dipped below 25% in 2010. The percentage of Morgan County's population living in poverty is still substantially higher than the state and the nation.



Appalachian Regional Commission

Per Capita Income

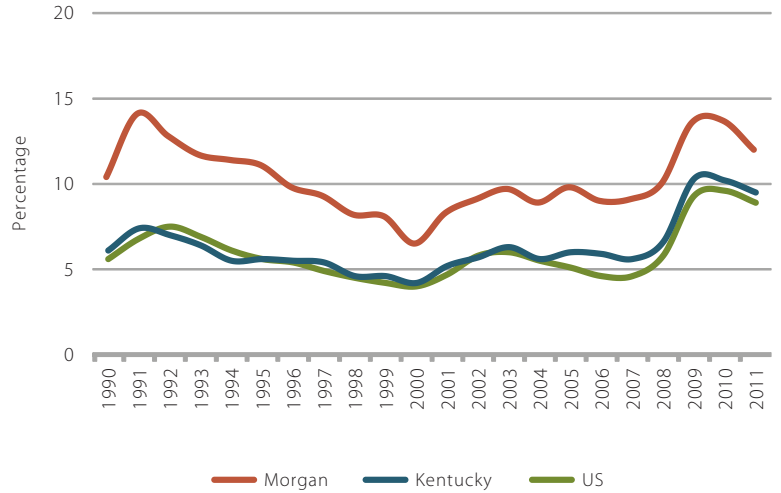
Morgan County's per capita income remains below \$25,000 and has historically been lower than the state and the nation.



Bureau of Economic Analysis

Unemployment

Morgan County's rate of unemployment has consistently been higher than Kentucky and US rates since 1990.



Bureau of Labor Statistics

Range of Household Incomes

Morgan County's range of household incomes show higher percentages in the lower income brackets and Morgan County lacks the slightly higher percentages of households in the \$50,000 - \$100,000 range that are present in the state and the nation.

	Morgan County		Kentucky		United States	
Total Households	4,433		1,676,708		114,235,996	
Less than \$10,000	592	13%	164,561	10%	7,777,925	7%
\$10,000 to \$14,999	382	9%	114,253	7%	5,721,104	5%
\$15,000 to \$19,999	404	9%	107,888	6%	5,834,183	5%
\$20,000 to \$24,999	369	8%	104,723	6%	5,893,766	5%
\$25,000 to \$29,999	338	8%	97,674	6%	5,685,259	5%
\$30,000 to \$34,999	338	8%	94,011	6%	5,734,815	5%
\$35,000 to \$39,999	265	6%	87,775	5%	5,491,184	5%
\$40,000 to \$44,999	172	4%	83,306	5%	5,262,577	5%
\$45,000 to \$49,999	132	3%	77,606	5%	5,019,418	4%
\$50,000 to \$59,999	262	6%	132,397	8%	8,978,920	8%
\$60,000 to \$74,999	330	7%	163,163	10%	11,708,572	10%
\$75,000 to \$99,999	405	9%	185,534	11%	14,176,495	12%
\$100,000 to \$124,999	223	5%	112,930	7%	9,632,817	8%
\$125,000 to \$149,999	87	2%	60,078	4%	5,845,201	5%
\$150,000 to \$199,999	32	1%	47,328	3%	5,584,288	5%
\$200,000 or More	101	2%	43,480	3%	5,889,473	5%

US Census Bureau - American Community Survey

Top 10 Industries by Employment 2008

NAICS Code	Description	Number of Jobs
930	Local Government	548
920	State Government	537
238	Specialty Trade Contractors	185
722	Food and Drinking Places	149
339	Miscellaneous Manufacturing	143
236	Construction of Buildings	135
622	Hospitals	115
522	Credit Intermediation and Related Activities	107
445	Food and Beverage Stores	104
561	Administrative and Support Services	104
Total Top 10		2,127

Total Jobs in Morgan County 3,935

CEDIK - EMSI Complete Employment

The top 10 industries by employment represent nearly 54% of the total jobs in Morgan County. There were 3,935 total jobs in Morgan County in 2008 compared to 8,117 people in the "workforce" 25-64 age bracket in 2010.

Sources of Income

Total Households	4,433
Median household income	\$30,229
Mean household income	\$51,300
Number of households with earnings	2,776
Mean earnings	\$60,941
Number of households with Social Security Income	1,735
Mean Social Security Income	\$13,526
Number of households with retirement income	936
Mean retirement income	\$24,313
Number of households with Supplemental Security Income	538
Mean Supplemental Security Income	\$7,176
Number of households with cash public assistance income	76
Mean cash public assistance income	\$936
Number of households with Food Stamp/Snap benefits past 12 months	1,034

US Census Bureau - American Community Survey

63% of households in Morgan County had earnings. 39% had Social Security income. 21% had retirement income. 12% had Supplemental Security Income. 2% received cash public assistance. 23% received Food Stamp/SNAP benefits in the past 12 months.

Fair Market Rent

2010	2011	2012
\$530	\$529	\$491

Hourly Wage Needed to Afford Fair Market Rent

\$10.19	\$10.17	\$9.44
---------	---------	--------

Kids Count Data Center

Housing Units

Total Housing Units	5,813
Occupied	4,433
Vacant	1,380
Owner-occupied	3,327
Owner-occupied with mortgage	1,439
Owner-occupied without mortgage	1,888
Heated by electricity	2,664
Heated by utility gas	451
Heated by bottled, tank or LP gas	824
Heated by wood	281
No vehicle available	320
Lacking complete plumbing facilities	56
Lacking complete kitchen facilities	50
No telephone service available	120

US Census Bureau - American Community Survey

57% of housing units in Morgan County are owner-occupied.

Means of Transportation to Work

Workers 16 and over	4,413	
Car, truck or van	3,992	90.5%
Public transportation	0	0%
Motorcycle	0	0%
Bicycle	0	0%
Walked	122	2.8%
Other means	0	0%
Worked at home	299	6.8%

US Census Bureau - American Community Survey

Travel Time to Work

Workers 16 and over	4,413	
Less than 10 minutes	1,053	23.9%
10 to 19 minutes	1,075	24.4%
20 to 29 minutes	584	13.2%
30 to 39 minutes	561	12.7%
40 to 59 minutes	207	4.7%
60 to 89 minutes	224	5.1%
90 or more minutes	410	9.3%
Worked at home	299	6.8%

US Census Bureau - American Community Survey

Health Resources Availability

Health Coverage

Uninsured individuals under 65	1,749
Percentage of population uninsured	18%
Medicare beneficiaries age 65 and older	1,663
Medicare beneficiaries disabled	756
Medicaid beneficiaries	4,148

US Dept. of Health and Human Services
Community Health Status Indicators Report

Morgan County Family Medicine Physician Needs Analysis

Target Ratio	1:2,000
Optimum Physician Need 2012	6.9
Optimum Physician Need 2015	7.1
Current County Physician Supply	2.0
2012 Physician surplus/deficit	-4.9

St. Claire Regional Medical Staff Development Plan

Healthcare Providers

Primary Care Physicians per 100,000 population	35.3
Dentists per 100,000 population	28.3
Community/Migrant Health Centers	No
Health Professional Shortage Area	Yes

US Dept. of Health and Human Services
Community Health Status Indicators Report

Morgan County Health Resources

Available in Morgan County

Morgan County ARH	JCAHO-accredited 25 bed Critical Access Hospital
ARH Morgan County Clinic	1.0 Physicians, 0.5 Pediatric Medicine
Physicians in private practice	1.5 Physicians
Ambulance Service	
Rescue Squad	
West Liberty Nursing and Rehab Ctr.	48 Beds
SCR Midwife	Twice per month at Morgan County Health Dept.

Specialties Available Near Morgan County

Allergy, Asthma & Immunology	0.2
Anesthesiology	3.0
Cardiology	3.5
Emergency Medicine	6.1
Gastroenterology	1.0
Hematology & Oncology	1.0
Internal Medicine/Hospitalists	5.0
Nephrology	1.0
Neurology	1.0
Neurosurgery	0.1
OB/GYN	2.4
Orthopedic Surgery	2.2
Otolaryngology	0.6
Pathology	1.0
Physiatry	1.0
Podiatry	1.0
Psychiatry	3.6
Radiology	3.0
Surgery	5.4
Urology	2

St. Claire Regional Medical Staff Development Plan

Health Outcomes

Basic Health Measures

Adequacy of Prenatal Care (percent of pregnant women)	83%
Immunization Coverage (percent of children 19-35 months)	78%

Self-rated health status

Percentage of adults who rate fair or poor	32%
Average number of unhealthy days in past month	7.8 days

Infectious Diseases Reported

E. coli - 2 reported, 1 expected
Salmonella - 5 reported, 21 expected
Shinglola - 1 reported, 10 expected

Air Quality

All National air quality standards met by county

Behavioral Risk Factors

Prevalence of smoking adult	27%
Prevalence of smoking youth	24%
Prevalence of obesity adult	33%
Lack of physical activity adult	41%
Oral health adults missing 6 or more teeth	49%
Motor vehicle deaths per 1M miles driven	0.8
Violent crime offenses per 100,000 population	308
Drug arrests per 100,000 population	866
Occupational fatalities per 100,000 workers	35

All above, left column:
US Dept. of Health and Human Services
Community Health Status Indicators Report

Zip codes without healthy foods

Morgan County has 1 zip codes with healthy foods and 5 without

countyhealthrankings.org
Access to healthy foods is measured as the percent of zip codes in a county with a healthy food outlet, defined as a grocery store or produce stand/farmers' market.

Could Not See Doctor Due to Cost

Morgan County - 26%	Kentucky 17%
---------------------	--------------

countyhealthrankings.org

Percent of Population with Diabetes

Morgan County - 13%	Kentucky 12%
---------------------	--------------

countyhealthrankings.org

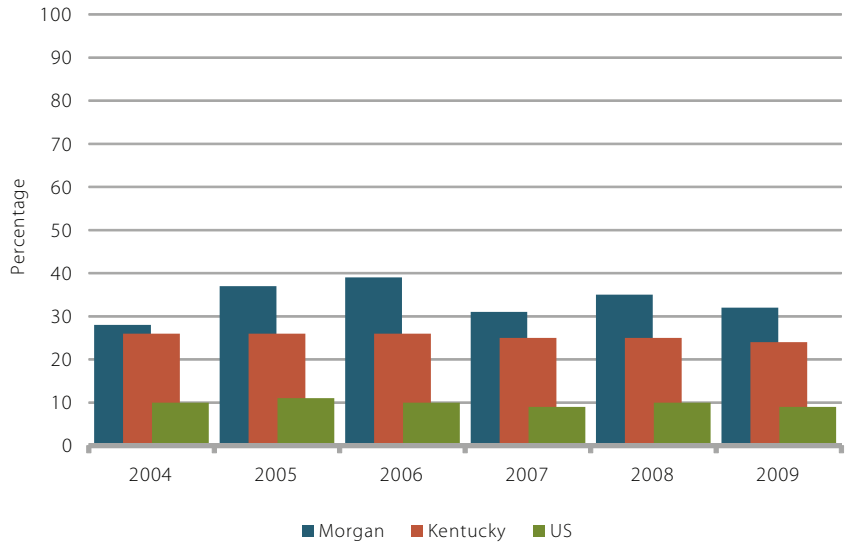
Leading Causes of Death

All causes	140
Malignant Neoplasms	37
Diseases of heart	33
Lung Cancer	14
Unintentional Injuries	13
Motor Vehicle Crashes	9
Diabetes Mellitus	8
Cerebrovascular Diseases	7
Chronic Lower Respiratory Diseases	7
Nephritis, Nephrotic Syndrome and Nephrosis	4
Alzheimer's Disease	4
Influenza and Pneumonia	3
Chronic liver disease and cirrhosis	3
Drug-Induced	2
Breast Cancer	1

US Dept. of Health and Human Services
Community Health Status Indicators Report

There were significantly more births to mothers who smoked during pregnancy in Morgan County compared to the state or nation.

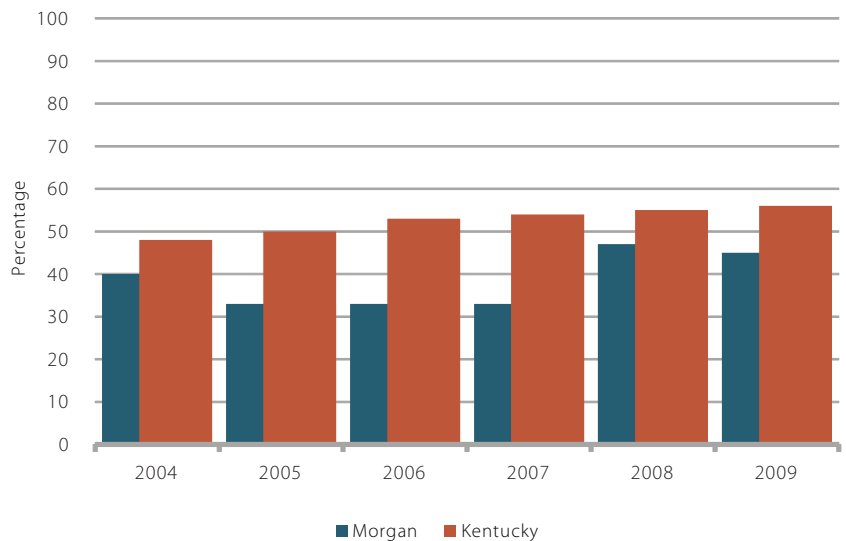
Births to Mothers Who Smoked During Pregnancy



Kids Count Data Center

Morgan County newborns who were being breastfed at hospital discharge are increasing, but are below Kentucky levels.

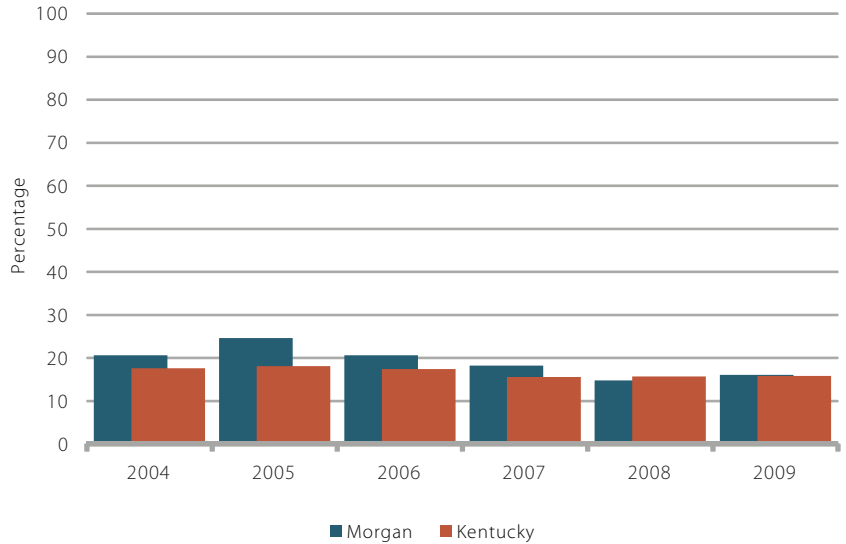
Newborns being Breastfed at Hospital Discharge



Kids Count Data Center

Early childhood obesity appears to be similar in Morgan County and Kentucky. These figures represent children ages 2-4 participating in SNAP with a BMI in the 95th percentile.

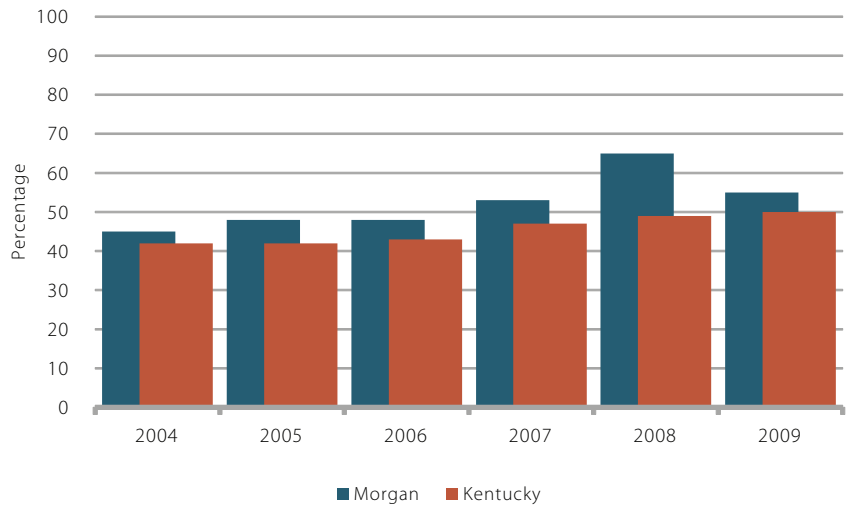
Early Childhood Obesity



Kids Count Data Center

Children enrolled in Medicaid or KCHIP received dental services at a higher rate in Morgan County than the state of Kentucky.

Children Enrolled in Medicaid or KCHIP Who Received Dental Services



Kids Count Data Center

Maternal Health Measures

<i>Birth Measures</i>	<i>US Rate 2005</i>	<i>Healthy People 2010 Target</i>	<i>Morgan County Rate</i>
Low birth weight (<2500 g)	8.2	5	6.1
Very low birth weight (<1500 g)	1.5	0.9	13
Premature Births (< 37 weeks)	12.7	7.6	9.9
Births to women under 18	3.4	no objective	6.6
Births to women age 40-54	2.7	no objective	11
Births to unmarried women	36.9	no objective	20.3
No care in first trimester	no data	10	no data
<i>Infant Mortality</i>	<i>US Rate 2005</i>	<i>Healthy People 2010 Target</i>	<i>Morgan County Rate</i>
Infant mortality	6.9	4.5	5.9
White non-hispanic infant mortality	5.8	4.5	5.9
Black non-hispanic infant mortality	13.6	4.5	no data
Hispanic infant mortality	5.6	4.5	no data
Neonatal infant mortality	4.5	2.9	3.3
Post-neonatal infant mortality	2.3	1.2	2.6

CDC - National Center for Health Statistics

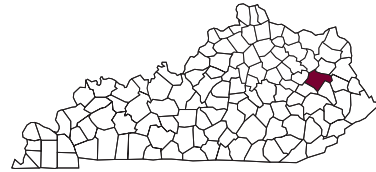
Death Measures

<i>Birth Measures</i>	<i>US Rate 2005</i>	<i>Healthy People 2010 Target</i>	<i>Morgan County Rate</i>
Breast Cancer	24.1	21.3	29.6
Colon Cancer	17.5	13.7	31.5
Coronary Heart Disease	154	162	343.4
Homicide	6.1	2.8	no data
Lung cancer	52.6	43.3	114.3
Motor Vehicle Injuries	14.6	8	64.3
Stroke	47	50	85.3
Suicide	10.9	4.8	20.8
Unintentional Injury	39.1	17.1	36.2
Prostate Cancer	33	?	29

CDC - National Center for Health Statistics

MORGAN

A COMPARATIVE ASSESSMENT OF HEALTH RISK



Rank: 76

	County	State	Nation
Behavioral/Social Factors			
Prevalence of Smoking (percent adult population)	27	29	21
Prevalence of Youth Smoking (percent high school students)	24	25	23
Prevalence of Obesity (percent adult population)	33	29	24
Lack of Physical Activity (percent adult population)	41	32	24
Oral Health (percent adults missing 6 or more teeth)	49	37	33
Motor Vehicle Deaths (per 100,000,000 miles driven)	0.6	2.1	1.5
Violent Crime Offenses (per 100,000 population)	308	267	469
Drug Arrests (per 100,000 population)	866	1,046	700
Occupational Fatalities (per 100,000 workers)	35	8	5
Demographics			
High School Graduation (percent adults 25 or older)	56	72	80
Per Capita Personal Income	\$15,787	\$27,625	\$33,689
Population Age 65 or Older (percent)	15	11	13
Health Access			
Uninsured Population (percent under age 65)	18	15	16
Primary Care Physician to Population Ratio (1:3,500)	1.2	2.5	3.7
Adequacy of Prenatal Care (percent pregnant women)	83	85	75
Immunization Coverage (percent children 19-35 months)	78	80	81
Health Outcomes			
Low Birth Weight (per 1,000 live births)	6	8	8
Infant Mortality (per 1,000 live births)	6	7	7
Infectious Disease (per 100,000 population)	3	8	23
Prevalence of Diabetes (percent adults)	11	9	7
Limited Activities in Previous Month (percent adults)	27	28	19
Cardiovascular Deaths (per 100,000 population)	321	409	326
Cancer Deaths (per 100,000 population)	196	237	202
Total Mortality (per 100,000 population)	899	987	842
Premature Death (years lost per 100,000 population)	10,221	9,111	7,562
Cancer Death Rates (per 100,000 population)			
Lung/Bronchus	68	80	55
Colorectal	30	23	20
Breast	32	27	26
Prostate	29	33	28

Strengths:

Low motor vehicle deaths
Normal birthweight
Low cardiovascular deaths
Low lung/bronchus cancer rate
Low prostate cancer rate

Challenges:

Smoking
Physical activity
Population age 65 or older
Uninsured population
Availability of primary care physicians
Diabetes
Colorectal cancer

Outliers:

High obesity
Poor oral health
High occupational fatalities
High breast cancer rate

Morgan County Health Synopsis

Morgan County has comparatively low rates of motor vehicle deaths, cardiovascular disease deaths below state and national rates, and low lung and prostate cancer death rates. The county nevertheless faces health challenges, including smoking, a lack of physical activity, diabetes, and colorectal cancer deaths. Moreover, the county's older population must depend on an inadequate supply of primary care physicians. A high percentage of uninsured residents also limits access to care. The county has some of the state's higher rates of obesity, breast cancer, poor oral health, and an occupational fatality rate more than four times the state average. Reducing smoking rates and exposure to secondhand smoke will help reduce the lung cancer death rate, improve respiratory health, and reduce the risks of low birthweights, infant mortality, and cardiovascular disease. Increased physical activity and improved nutrition also will help lessen the rate of obesity and lower the risks of diabetes, heart disease, and other illnesses. Early screening and detection and treatment will help reduce mortality from breast, colorectal, and prostate cancer.



Morgan (MA)

	Morgan County	Error Margin	Kentucky	National Benchmark*	Rank (of 120)
Health Outcomes					69
Mortality					52
Premature death	9,265	7,510-11,019	8,768	5,317	
Morbidity					74
Poor or fair health	29%	25-33%	21%	10%	
Poor physical health days	5.5	4.7-6.4	4.7	2.6	
Poor mental health days	5.2	4.1-6.3	4.3	2.3	
Low birthweight	8.7%	7.0-10.3%	9.1%	6.0%	
Health Factors					102
Health Behaviors					98
Adult smoking	35%	30-41%	26%	13%	
Adult obesity	35%	31-40%	33%	25%	
Physical inactivity	35%	30-39%	31%	21%	
Excessive drinking	9%	6-14%	12%	7%	
Motor vehicle crash death rate	31	21-45	20	10	
Sexually transmitted infections	72		377	92	
Teen birth rate	48	40-56	50	21	
Clinical Care					95
Uninsured	19%	17-22%	18%	11%	
Primary care physicians**	3,485:1		1,588:1	1,067:1	
Dentists**	3,979:1		1,855:1	1,516:1	
Preventable hospital stays	161	138-185	103	47	
Diabetic screening	82%	69-95%	84%	90%	
Mammography screening	49%	37-62%	62%	73%	
Social & Economic Factors					101
High school graduation**	75%		78%		
Some college	36%		56%	70%	
Unemployment	12.0%		9.5%	5.0%	
Children in poverty	39%	29-49%	27%	14%	
Inadequate social support	28%	20-36%	20%	14%	
Children in single-parent households	31%	20-41%	33%	20%	
Violent crime rate			264	66	
Physical Environment					81
Daily fine particulate matter	12.5	12.4-12.7	13.1	8.8	
Drinking water safety	27%		11%	0%	
Access to recreational facilities	7		8	16	
Limited access to healthy foods**	5%		5%	1%	
Fast food restaurants	78%		54%	27%	

* 90th percentile, i.e., only 10% are better.

** Data should not be compared with prior years due to changes in definition.

Note: Blank values reflect unreliable or missing data

2013

Kentucky County Health Care Profiles Morgan County

Demographics	Morgan County		Kentucky		United States	
Percent Change in Total Population, 2000-2010 (Census)	-0.2%		7.4%		9.7%	
Percent of the Population that is Non-white, 2010 (Census)	5.1%		10.6%		27.6%	
Percent of the Population that is Older than 64 years, 2010 (Census)	14.0%		13.3%		12.9%	
Percent of the Total Population in Poverty, 2009 Estimate (SAIPE)	30.9%		18.4%		14.3%	
Percent of the Total Population under 18 in Poverty, 2009 Estimate (SAIPE)	37.8%		25.3%		20.0%	
Teen births, Rate per 1,000 Women ages 15-19, 2003-2007 (KY Health Facts)	55.29		52.11		41.50	
	Estimate	MOE	Estimate	MOE	Estimate	MOE
Percent of the Population 25 and Older that have a High School Diploma, GED, or more, 2005-2009 Estimate (ACS)	58.9%	4.7%	80.3%	0.2%	84.6%	0.1%
Percent of the Population 25 and Older that have a Bachelor's Degree or more, 2005-2009 Estimate (ACS)	11.1%	0.0%	20.0%	0.2%	27.5%	0.1%
Percent of Workers who Travel 30 minutes or more one way, to work, 2005-2009 Estimate (ACS)	38.2%	6.8%	28.2%	0.3%	35.1%	0.03%
Unemployment Rate, 2010 Annual Average (BLS)	14.0%		10.7%		9.3%	
Median Household Income, 2009 Estimate (SAIPE)	\$29,473		\$40,061		\$50,221	

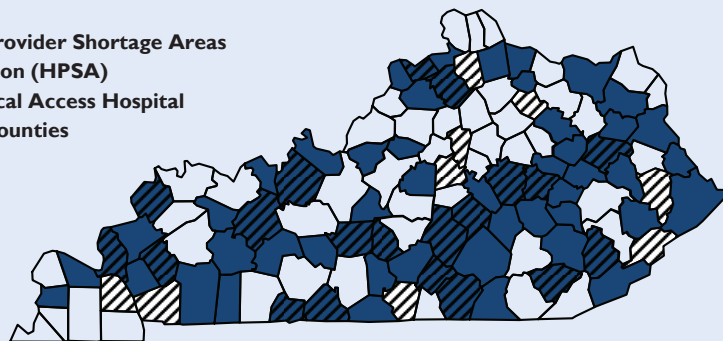
NAICS Health Sector	2005 Jobs	2010 Jobs	Projected 2020 Jobs
Offices of Physicians	26	26	32
Offices of Dentists	15	15	16
Offices of Other Health Practitioners	29	25	29
Outpatient Care Centers	<10	10	14
Medical & Diagnostic Laboratories	<10	0	0
Home Health Care Services	28	27	<10
General Medical & Surgical Hospitals	117	116	132
Psychiatric & Substance Abuse Hospitals	0	0	0
Specialty Hospitals (not Psychiatric & Substance Abuse)	0	0	0
Average Earnings Per Worker (2010)	\$51,037		

Data Source: EMSI

4	Total Licensed Dentists, 2009
9	Total Licensed Physicians, 2010 (Primary Care & Specialty)
0	Cardiology
0	OB/GYN
0	Pediatrics
0	Radiology
0	Neurology
0	Psychiatry
0	Oncology
0	Urology
4	Other

Data Source: KY Board of Dentistry,
KY Board of Medical Licensure

Health Provider Shortage Areas Designation (HPSA) and Critical Access Hospital (CAH) Counties



	CAH County and HPSA Designation
	CAH County, no HPSA Designation
	HPSA Designation
	No HPSA or CAH