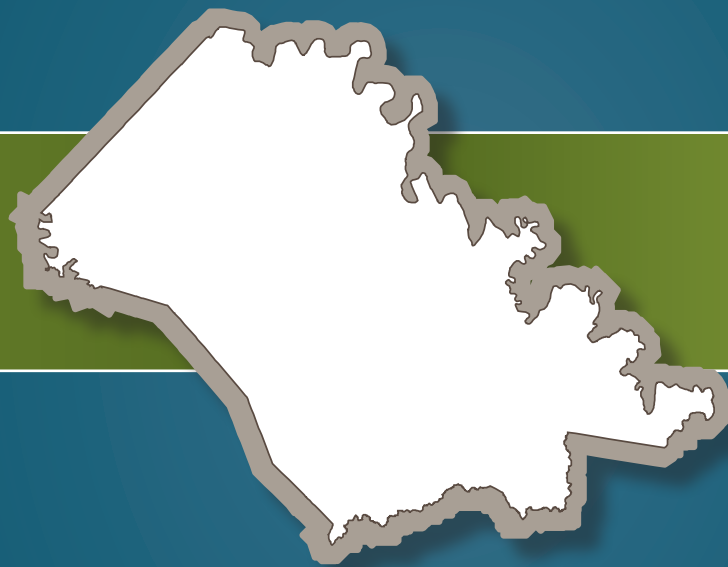


BATH COUNTY



Demographic and Socioeconomic Makeup of the County

Bath County Snapshot

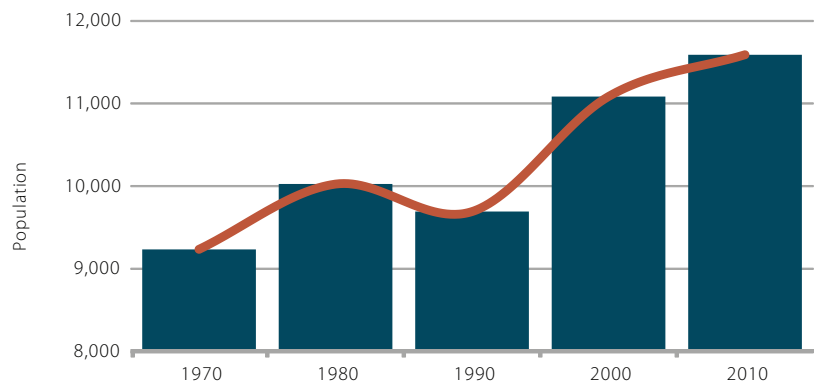
Designated as a Distressed Appalachian County by ARC

Geographic Size - 284 Square Miles

Direct Access to I-64

Since 1970 Bath County's population has increased at an average of 6% per decade. A lower rate than the state or nation.

Total Population

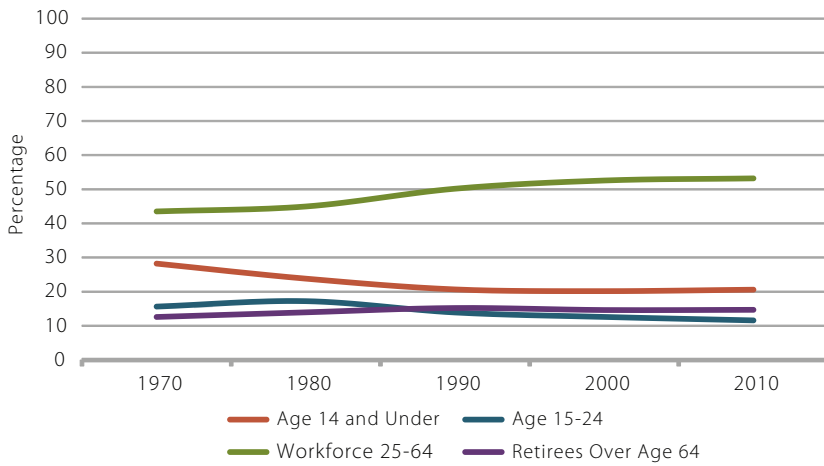


Population Data

	1970	1980	1990	2000	2010	Average Growth per Decade
Bath County	9,235	10,025	9,692	11,085	11,591	6%
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



Bath County's population consists of a growing number of those in the workforce age group and the retiree age group. Both youth categories are decreasing. The age distribution of Bath County's population closely mirrors the state and the nation.

Population by Age Data

	1970	1980	1990	2000	2010
<i>Age 14 and Under</i>					
Bath County	28%	24%	21%	20%	21%
Kentucky	29%	24%	21%	20%	20%
US	28%	23%	22%	21%	20%
<i>Age 15-24</i>					
Bath County	16%	17%	14%	13%	12%
Kentucky	18%	19%	15%	14%	14%
US	17%	19%	15%	14%	14%
<i>Workforce 25-64</i>					
Bath County	44%	45%	50%	53%	53%
Kentucky	43%	46%	51%	53%	54%
US	44%	47%	51%	52%	53%
<i>Retirees Over Age 64</i>					
Bath County	13%	14%	15%	15%	15%
Kentucky	10%	11%	13%	12%	13%
US	10%	11%	12%	12%	13%

US Census Bureau - Decennial Census

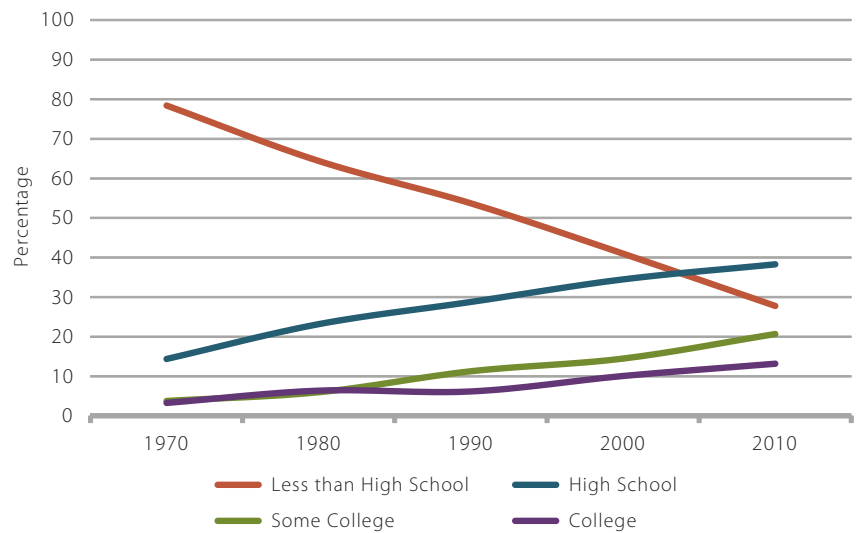
Bath County's educational attainment rates have shown dramatic improvement since the 1970s. More improvement is necessary to equal levels of the state and the nation.

Educational Attainment 2010

	Bath Co.	KY	US
Less than High School	28%	19%	15%
High School	38%	34%	29%
Some College	21%	26%	28%
College	13%	20%	28%

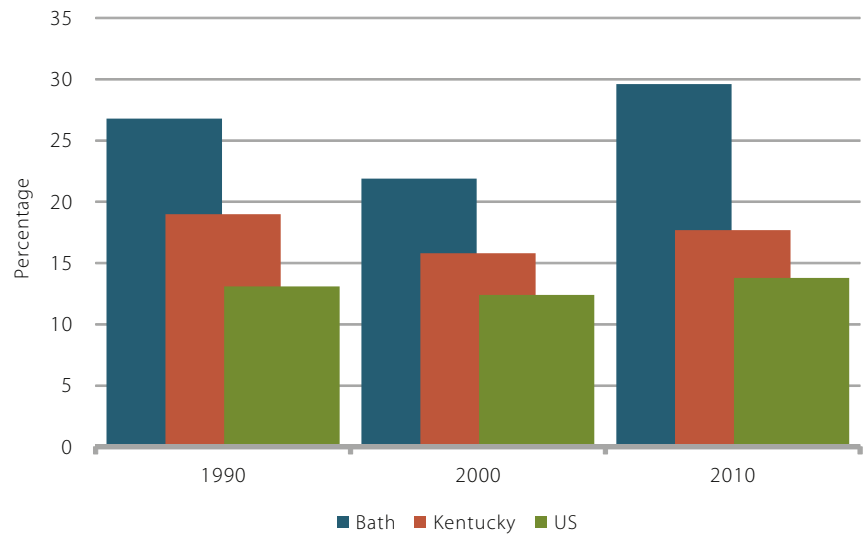
US Census Bureau - Decennial Census

Educational Attainment



Bath County's poverty levels dipped below 25% in 2000 but have since increased. The percentage of Bath County's population living in poverty is substantially higher than the state and the nation.

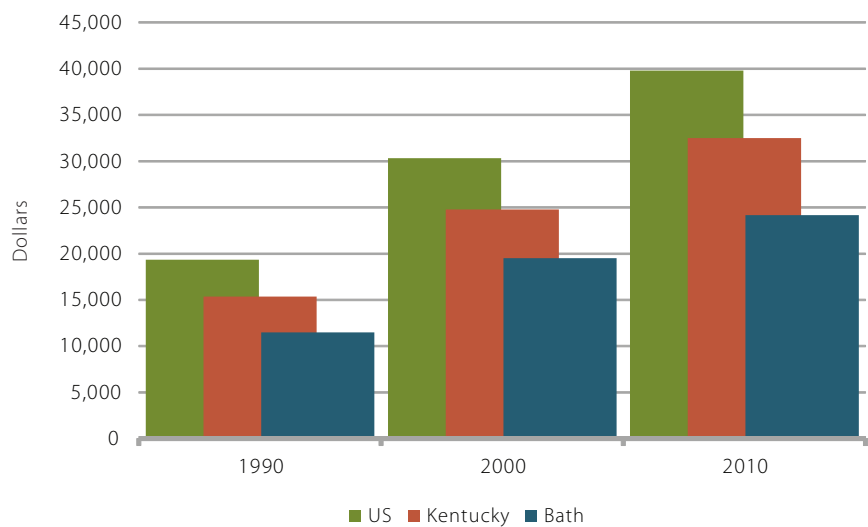
Poverty Level



Appalachian Regional Commission

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

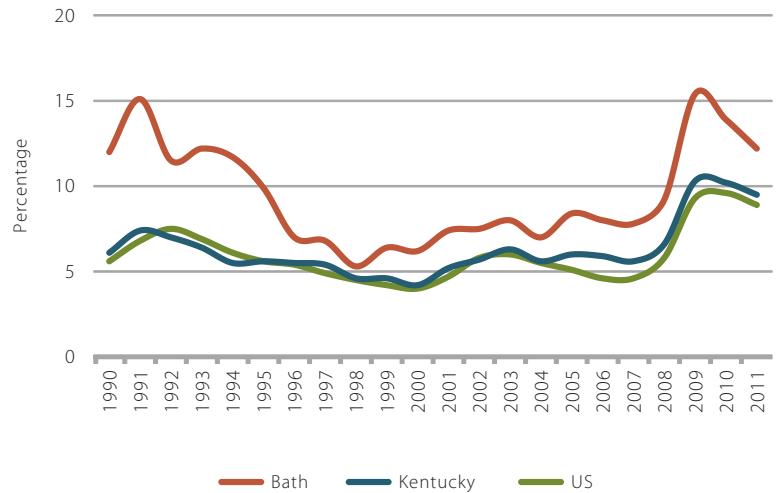
Per Capita Income



Bureau of Economic Analysis

Unemployment

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



Bureau of Labor Statistics

Range of Household Incomes

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

	Bath County		Kentucky		United States	
Total Households	4,338		1,676,708		114,235,996	
Less than \$10,000	736	17%	164,561	10%	7,777,925	7%
\$10,000 to \$14,999	411	10%	114,253	7%	5,721,104	5%
\$15,000 to \$19,999	354	8%	107,888	6%	5,834,183	5%
\$20,000 to \$24,999	308	7%	104,723	6%	5,893,766	5%
\$25,000 to \$29,999	247	6%	97,674	6%	5,685,259	5%
\$30,000 to \$34,999	307	7%	94,011	6%	5,734,815	5%
\$35,000 to \$39,999	273	6%	87,775	5%	5,491,184	5%
\$40,000 to \$44,999	216	5%	83,306	5%	5,262,577	5%
\$45,000 to \$49,999	183	4%	77,606	5%	5,019,418	4%
\$50,000 to \$59,999	298	7%	132,397	8%	8,978,920	8%
\$60,000 to \$74,999	350	8%	163,163	10%	11,708,572	10%
\$75,000 to \$99,999	319	7%	185,534	11%	14,176,495	12%
\$100,000 to \$124,999	199	5%	112,930	7%	9,632,817	8%
\$125,000 to \$149,999	62	1%	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	41	1%	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
11A	Crop and animal production	730
930	Local Government	477
561	Administrative and Support Services	226
315	Apparel Manufacturing	173
238	Specialty Trade Contractors	168
311	Food Manufacturing	143
237	Heavy and Civil Engineering Construction	139
623	Nursing and Residential Care Facilities	124
722	Food Services and Drinking Places	109
522	Credit Intermediation and Related Activities	79
Total Top 10		2,368

Total Jobs in Bath County 3,423

CEDIK - EMSI Complete Employment

The top 10 industries by employment represent nearly 70% of the total jobs in Bath County. There were 3,423 total jobs in Bath County in 2008 compared to 6,166 people in the "workforce" 25-64 age bracket in 2010.

Sources of Income

Total Households	4,338
Median household income	\$30,458
Mean household income	\$38,941
Number of households with earnings	2,926
Mean earnings	\$42,681
Number of households with Social Security Income	1,505
Mean Social Security Income	\$12,144
Number of households with retirement income	854
Mean retirement income	\$15,143
Number of households with Supplemental Security Income	577
Mean Supplemental Security Income	\$6,724
Number of households with cash public assistance income	47
Mean cash public assistance income	\$4,809
Number of households with Food Stamp/SNAP benefits past 12 months	1,502

US Census Bureau - American Community Survey

67% of households in Bath County had earnings. 35% had Social Security income. 20% had retirement income. 13% had Supplemental Security Income. 1% received cash public assistance. 35% 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
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Kids Count Data Center

Housing Units

Total Housing Units	5,385
Occupied	4,338
Vacant	1,047
Owner-occupied	3,498
Owner-occupied with mortgage	1,927
Owner-occupied without mortgage	1,571
Heated by electricity	2,374
Heated by utility gas	913
Heated by bottled, tank or LP gas	630
Heated by wood	341
No vehicle available	286
Lacking complete plumbing facilities	22
Lacking complete kitchen facilities	11
No telephone service available	342

US Census Bureau - American Community Survey

65% of housing units in Bath County are owner-occupied.

Means of Transportation to Work

Workers 16 and over	4,050	
Car, truck or van	3,750	92.6%
Public transportation	0	0%
Motorcycle	0	0%
Bicycle	0	0%
Walked	87	2.2%
Other means	46	1.1%
Worked at home	167	4.1%

US Census Bureau - American Community Survey

Travel Time to Work

Workers 16 and over	4,050	
Less than 10 minutes	565	14.0%
10 to 19 minutes	858	21.2%
20 to 29 minutes	975	24.1%
30 to 39 minutes	633	15.6%
40 to 59 minutes	496	12.3%
60 to 89 minutes	238	5.9%
90 or more minutes	118	2.9%
Worked at home	167	4.1%

US Census Bureau - American Community Survey

Health Resources Availability

Health Coverage

Uninsured individuals under 65	1,575
Percentage of population uninsured	17%
Medicare beneficiaries age 65 and older	1,537
Medicare beneficiaries disabled	629
Medicaid beneficiaries	3,474

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

Bath County Family Medicine Physician Needs Analysis

Target Ratio	1:2,000
Optimum Physician Need 2012	5.8
Optimum Physician Need 2015	6.1
Current County Physician Supply	1.4
2012 Physician surplus/deficit	-4.4

St. Claire Regional Medical Staff Development Plan

Healthcare Providers

Primary Care Physicians per 100,000 population	25.5
Dentists per 100,000 population	17.0
Community/Migrant Health Centers	No
Health Professional Shortage Area	Yes

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

Bath County Health Resources

<i>Available in Bath County</i>	
St. Claire Regional Family Medicine	0.6 Physicians, 1.0 NP, 1.0 PA
Bath Family Health Services	0.0 Physicians, 0.8 NP, 0.0 PA
New Hope Free Clinic	0.1 Physicians, 0.2 NP, 0.2 PA
No Hospital	0 Beds
Ambulance Service	EMTs and Paramedics
Ridgeway Manor	60 Beds + 39 Beds (former Hilltop Nursing Home)
Owingsville Manor (Assisted Living)	30 Rooms
Community & State supported WIC, AFDC, Social Services, Health Dept., and a Crisis Hotline	
<i>Specialties Available Near Bath County</i>	
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	29%
Average number of unhealthy days in past month	8.1 days

Infectious Diseases Reported

E. coli - 0 reported, 0 expected
Salmonella - 15 reported, 20 expected
Shingella - 0 reported, 5 expected

Air Quality

All National air quality standards met by county
--

Behavioral Risk Factors

Prevalence of smoking adult	30%
Prevalence of smoking youth	27%
Prevalence of obesity adult	33%
Lack of physical activity adult	41%
Oral health adults missing 6 or more teeth	42%
Motor vehicle deaths per 1M miles driven	1.8
Violent crime offenses per 100,000 population	245
Drug arrests per 100,000 population	380
Occupational fatalities per 100,000 workers	14

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

Zip codes without healthy foods

Bath County has 3 zip codes with healthy foods and 2 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

Bath County - 18%	Kentucky 17%
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countyhealthrankings.org

Percent of Population with Diabetes

Bath County - 13%	Kentucky 12%
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countyhealthrankings.org

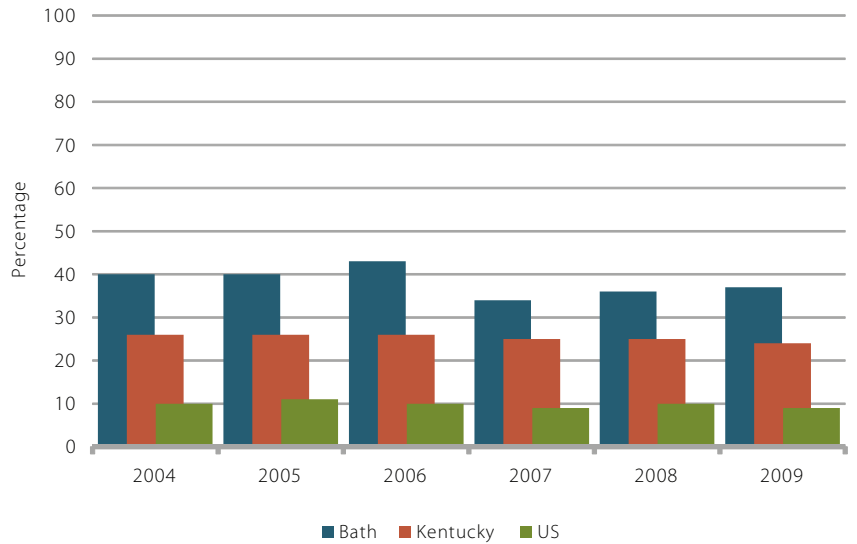
Leading Causes of Death

All causes	128
Malignant Neoplasms	35
Diseases of heart	34
Lung Cancer	10
Cerebrovascular Diseases	7
Chronic Lower Respiratory Diseases	7
Unintentional injuries	6
Intentional self-harm	5
Septicemia	4
Chronic liver disease and cirrhosis	3
Influenza and Pneumonia	3
Motor Vehicle Crashes	2
Assault	1
Congenital malformations, deformations, etc.	1
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 Bath County compared to the state or nation.

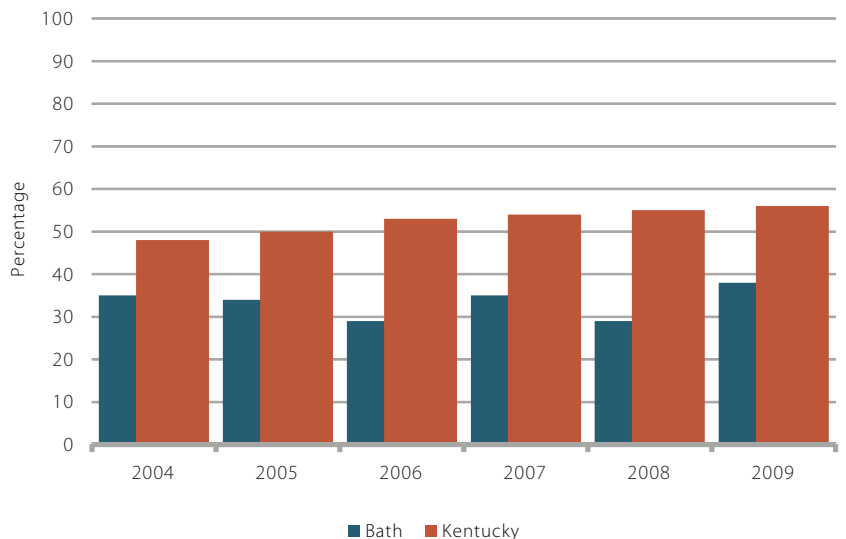
Births to Mothers Who Smoked During Pregnancy



Kids Count Data Center

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

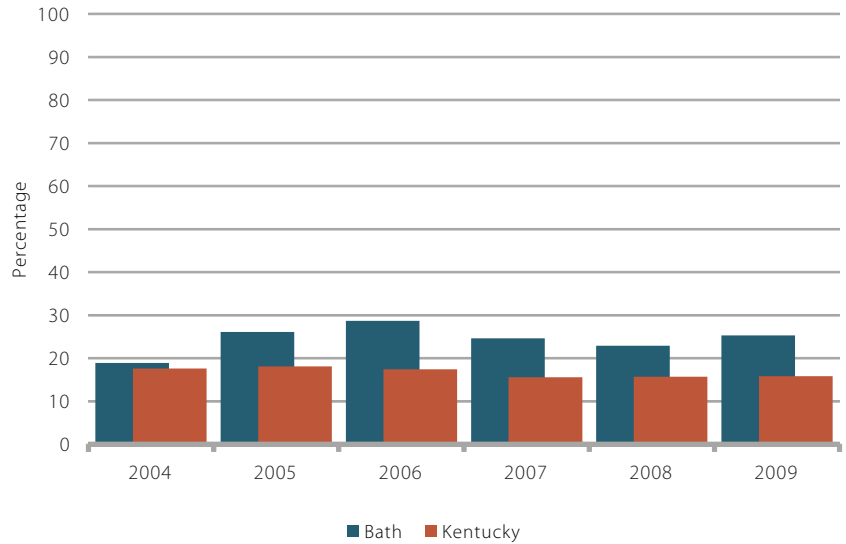
Newborns being Breastfed at Hospital Discharge



Kids Count Data Center

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

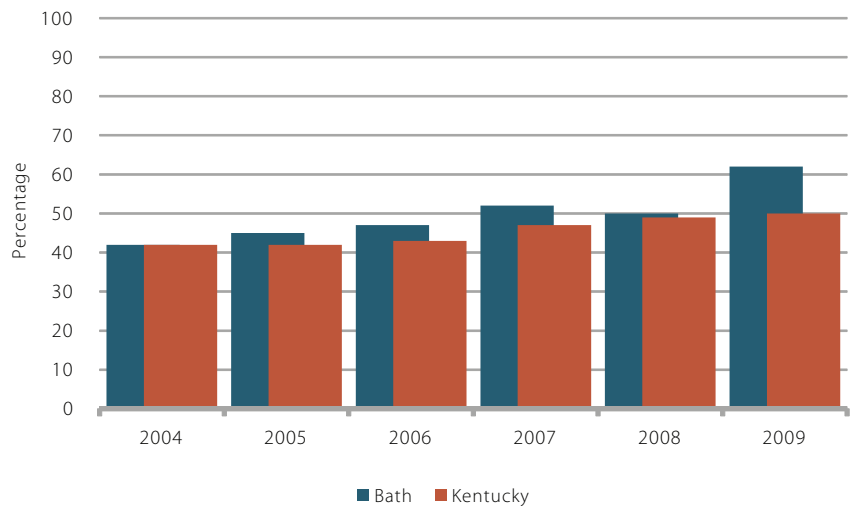
Early Childhood Obesity



Kids Count Data Center

Children enrolled in Medicaid or KCHIP received dental services at a higher rate in Bath 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>Bath County Rate</i>
Low birth weight (<2500 g)	8.2	5	8.6
Very low birth weight (<1500 g)	1.5	0.9	1.6
Premature Births (< 37 weeks)	12.7	7.6	13.0
Births to women under 18	3.4	no objective	4.7
Births to women age 40-54	2.7	no objective	1.3
Births to unmarried women	36.9	no objective	29.0
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>Bath County Rate</i>
Infant mortality	6.9	4.5	9.2
White non-hispanic infant mortality	5.8	4.5	9.3
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	6.6
Post-neonatal infant mortality	2.3	1.2	2.6

CDC - National Center for Health Statistics

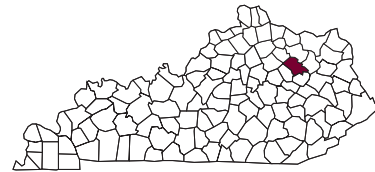
Death Measures

<i>Birth Measures</i>	<i>US Rate 2005</i>	<i>Healthy People 2010 Target</i>	<i>Bath County Rate</i>
Breast Cancer	24.1	21.3	53.0
Colon Cancer	17.5	13.7	45.6
Coronary Heart Disease	154	162	353.3
Homicide	6.1	2.8	no data
Lung cancer	52.6	43.3	135.8
Motor Vehicle Injuries	14.6	8	46.4
Stroke	47	50	109.0
Suicide	10.9	4.8	24.3
Unintentional Injury	39.1	17.1	42.2
Prostate Cancer	33	?	36

CDC - National Center for Health Statistics

BATH

A COMPARATIVE ASSESSMENT OF HEALTH RISK



Rank: 82

	County	State	Nation
Behavioral/Social Factors			
Prevalence of Smoking (percent adult population)	30	29	21
Prevalence of Youth Smoking (percent high school students)	27	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)	42	37	33
Motor Vehicle Deaths (per 100,000,000 miles driven)	1.8	2.1	1.5
Violent Crime Offenses (per 100,000 population)	245	267	469
Drug Arrests (per 100,000 population)	380	1,046	700
Occupational Fatalities (per 100,000 workers)	14	8	5
Demographics			
High School Graduation (percent adults 25 or older)	59	72	80
Per Capita Personal Income	\$19,745	\$27,625	\$33,689
Population Age 65 or Older (percent)	14	11	13
Health Access			
Uninsured Population (percent under age 65)	17	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)	8	8	8
Infant Mortality (per 1,000 live births)	8	7	7
Infectious Disease (per 100,000 population)	1	8	23
Prevalence of Diabetes (percent adults)	9	9	7
Limited Activities in Previous Month (percent adults)	15	28	19
Cardiovascular Deaths (per 100,000 population)	377	409	326
Cancer Deaths (per 100,000 population)	223	237	202
Total Mortality (per 100,000 population)	1,020	987	842
Premature Death (years lost per 100,000 population)	5,217	9,111	7,562
Cancer Death Rates (per 100,000 population)			
Lung/Bronchus	82	80	55
Colorectal	31	23	20
Breast	31	27	26
Prostate	36	33	28

Strengths:

Normal birthweight
Active population
Low cardiovascular deaths

Challenges:

Smoking
Oral health
High school graduation
Infant mortality
Diabetes
Lung/bronchus cancer
Colorectal cancer
Prostate cancer

Outliers:

High obesity
High occupational fatalities
High breast cancer rate

Bath County Health Synopsis

Bath County ranks well among Kentucky counties on low birthweights, the portion of adults with limited activity days in the past month, and cardiovascular disease death rates. However, the county faces many challenges in terms of health risks and outcomes. A low high school graduation rate contributes to many poor outcomes, including high rates of smoking, diabetes, and lung, colorectal, and prostate cancer deaths. In addition, the county needs to improve oral health to reduce unnecessary tooth loss. Bath County also has some of the state's poorest rankings on occupational fatalities, obesity, and breast cancer mortality. Community efforts to reduce and prevent smoking and promote cancer screening will help lower the county's high cancer death rates. Increased attention to worker safety education can help prevent occupational fatalities. Promotion of exercise and healthy nutrition can help lower the diabetes rate and positively affect oral health and other outcomes.



Bath (BT)

	Bath County	Error Margin	Kentucky	National Benchmark*	Rank (of 120)
Health Outcomes					97
Mortality					107
Premature death	13,081	10,670-15,491	8,768	5,317	
Morbidity					82
Poor or fair health	28%	23-33%	21%	10%	
Poor physical health days	5.1	4.0-6.2	4.7	2.6	
Poor mental health days	5.3	4.0-6.6	4.3	2.3	
Low birthweight	9.4%	7.7-11.1%	9.1%	6.0%	
Health Factors					92
Health Behaviors					107
Adult smoking	34%	28-41%	26%	13%	
Adult obesity	33%	29-38%	33%	25%	
Physical inactivity	36%	31-41%	31%	21%	
Excessive drinking	15%	9-22%	12%	7%	
Motor vehicle crash death rate	30	19-44	20	10	
Sexually transmitted infections	302		377	92	
Teen birth rate	84	72-95	50	21	
Clinical Care					65
Uninsured	19%	17-21%	18%	11%	
Primary care physicians**	11,624:1		1,588:1	1,067:1	
Dentists**	11,727:1		1,855:1	1,516:1	
Preventable hospital stays	94	76-111	103	47	
Diabetic screening	89%	75-100%	84%	90%	
Mammography screening	51%	38-64%	62%	73%	
Social & Economic Factors					93
High school graduation**	81%		78%		
Some college	47%	37-58%	56%	70%	
Unemployment	12.2%		9.5%	5.0%	
Children in poverty	38%	28-48%	27%	14%	
Inadequate social support	27%	21-33%	20%	14%	
Children in single-parent households	33%	21-45%	33%	20%	
Violent crime rate			264	66	
Physical Environment					38
Daily fine particulate matter	12.7	12.5-12.9	13.1	8.8	
Drinking water safety	0%		11%	0%	
Access to recreational facilities	0		8	16	
Limited access to healthy foods**	0%		5%	1%	
Fast food restaurants	57%		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 Bath County

Demographics	Bath County		Kentucky		United States	
Percent Change in Total Population, 2000-2010 (Census)	4.6%		7.4%		9.7%	
Percent of the Population that is Non-white, 2010 (Census)	2.5%		10.6%		27.6%	
Percent of the Population that is Older than 64 years, 2010 (Census)	14.2%		13.3%		12.9%	
Percent of the Total Population in Poverty, 2009 Estimate (SAIPE)	25.1%		18.4%		14.3%	
Percent of the Total Population under 18 in Poverty, 2009 Estimate (SAIPE)	37.7%		25.3%		20.0%	
Teen births, Rate per 1,000 Women ages 15-19, 2003-2007 (KY Health Facts)	80.50		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)	63.5%	5.2%	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)	13.5%	3.1%	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)	40.0%	7.3%	28.2%	0.3%	35.1%	0.03%
Unemployment Rate, 2010 Annual Average (BLS)	14.2%		10.7%		9.3%	
Median Household Income, 2009 Estimate (SAIPE)	\$30,574		\$40,061		\$50,221	

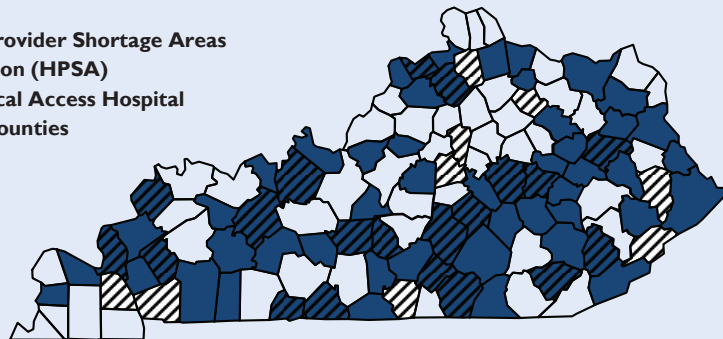
NAICS Health Sector	2005 Jobs	2010 Jobs	Projected 2020 Jobs
Offices of Physicians	12	11	13
Offices of Dentists	<10	<10	<10
Offices of Other Health Practitioners	<10	<10	<10
Outpatient Care Centers	22	19	12
Medical & Diagnostic Laboratories	<10	0	0
Home Health Care Services	<10	<10	<10
General Medical & Surgical Hospitals	0	0	0
Psychiatric & Substance Abuse Hospitals	0	0	0
Specialty Hospitals (not Psychiatric & Substance Abuse)	0	0	0
Average Earnings Per Worker (2010)	\$47,297		

Data Source: EMSI

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