

# 2019 Montgomery County Community Health Status Update

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Montgomery County  
Health Department



Your partner for a healthy community

October 2019 Update

## Overview

A local community health assessment is a systematic examination of the health status indicators for a given population that is used to identify key problems and assets in a community. The ultimate goal of a community health assessment is to develop strategies to address the community's health needs and identified issues (PHAB Acronyms and Glossary of Terms Version 1.5). The health assessment provides the basis for the development of the local community health improvement plan (CHIP). The CHIP provides guidance to the health department and its partners for improving the health of the population.

The Montgomery County community has made use of a community health assessment process called Mobilizing for Action through Planning and Partnerships (MAPP). MAPP is a community-driven strategic planning process for improving community health ([naccho.org](http://naccho.org)). Consisting of four assessments, MAPP is an interactive process that can improve the efficiency, effectiveness, and ultimately the performance of local public health systems. This framework helps communities apply strategic thinking to prioritize public health issues and identify resources to address them. This document provides the 2019 update.

## Introduction

The Montgomery County community reviewed a comprehensive Montgomery County Community Health Assessment most recently in 2015. From this assessment, community partners identified what they perceived to be Montgomery County's top four priority health issues: Physical Activity and Nutrition (PAN), Substance Abuse and Use (ADAPT), Teen Pregnancy (PATH), and Communication.

The following document, the 2019 Montgomery County Community Health Status Update, serves as a data report containing the most recently reported data related to health factors and health outcomes most pertinent to Montgomery County. Graphs and tables on the following pages indicate how Montgomery County 2019 data is being compared to 2015 CHA data (original sources for 2015 CHA data can be found in the 2016-2019 Montgomery County Community Health Assessment and Community Health Improvement Plan). Data may be non-comparable if the original data source from 2015 is not available, or if the data has not been updated.

## DEMOGRAPHIC PROFILE

<b>Year: 2018</b>	<b>Montgomery County</b>	<b>Kentucky</b>	<b>USA</b>
Population Estimate	28,203	4,468,402	327,167,434
Persons Under 5 Yrs.*	6.6%	6.2%	6.1%
Persons Under 18 Yrs.*	23.7%	22.6%	22.4%
Persons Over 65 Yrs.*	15.9%	16.4%	16.0%
White Persons*	94.9%	87.6%	76.5%
Black Persons*	2.8%	8.4%	13.4%
American Indian or Alaska Native*	0.3%	0.3%	1.3%
Asian Persons*	0.4%	1.6%	5.9%
Persons of Hispanic or Latino Origin*	2.9%	3.8%	18.3%

Source: US Census Bureau at <https://www.census.gov/quickfacts>

\*Estimates are not comparable to other geographic levels due to methodology differences that may exist between different data sources.

Population has grown across the board. Amount of persons under 5 years has grown slightly, but stayed the same for persons under 18 in Montgomery County; persons over 65 years has grown. Amount of White persons has dropped slightly for Montgomery County, Kentucky, and the US. Amount of Black persons and American Indian or Alaska Native populations has not changed. Amount of Asian persons has remained steady for Montgomery County and the state, and risen slightly for the US. Amount of persons of Hispanic or Latino origin has risen for the state and US, and remained steady for Montgomery County.

## SOCIOECONOMIC PROFILE

2015 CHA

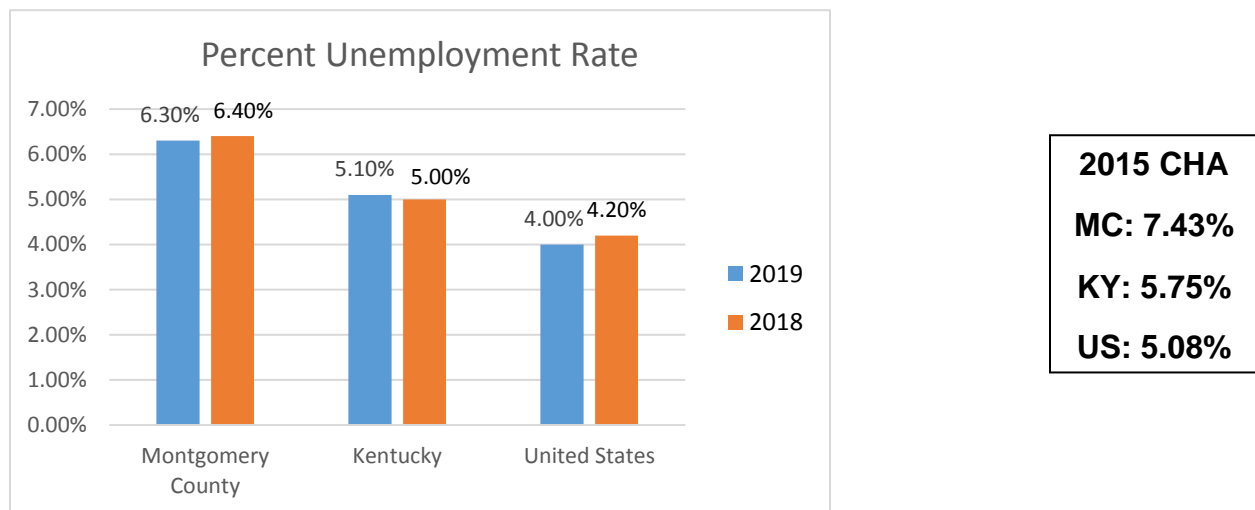
<p><b>The average median household income (2013-2017) for Montgomery County (MC) was \$42,172, compared to \$46,535 for Kentucky (KY).</b></p>	<p>MC: \$38,373 KY: \$43,342</p>
<p><b>17.7% of Montgomery County residents live in poverty compared to 16.9% of Kentucky and 11.8% of the United States (US).</b></p>	<p>MC: 20.8% KY: 19.1% US: 14.8%</p>
<p><b>The per capita personal income (2013-2017) for Montgomery County is \$21,371 compared to \$25,888 for Kentucky.</b></p>	<p>MC: \$21,057 KY: \$23,741</p>

Source: US Census Bureau at <https://www.census.gov/quickfacts>

Average median household income has risen, percentage of residents in poverty has dropped across the board, and the gap between per capita personal incomes has widened since last year.

## SOCIAL & ECONOMIC FACTORS

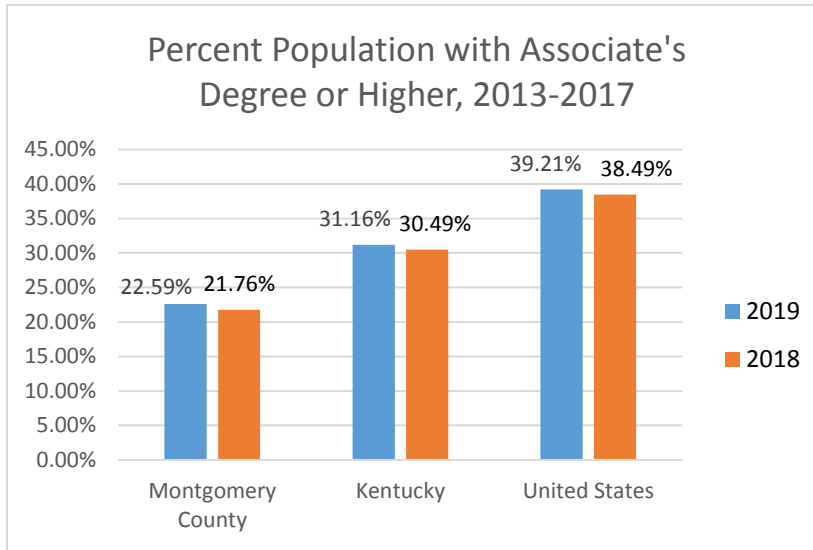
### *Unemployment Rate*



Source: Community Commons, 2019

Unemployment rate has decreased for Montgomery County since 2015, and has decreased slightly since last year.

## Educational Attainment

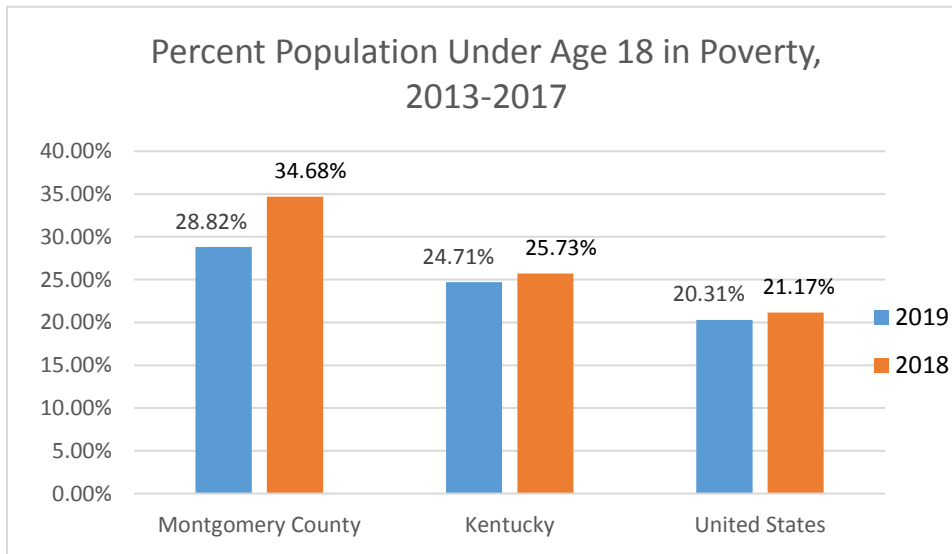


**2015 CHA %**  
**MC: 22.1%**  
**KY: 29.1%**  
**US: 37.2%**

Source: Community Commons, 2013-17

Percent population with Associate's Degree or higher has slightly increased for Montgomery County.

## Children Living in Poverty

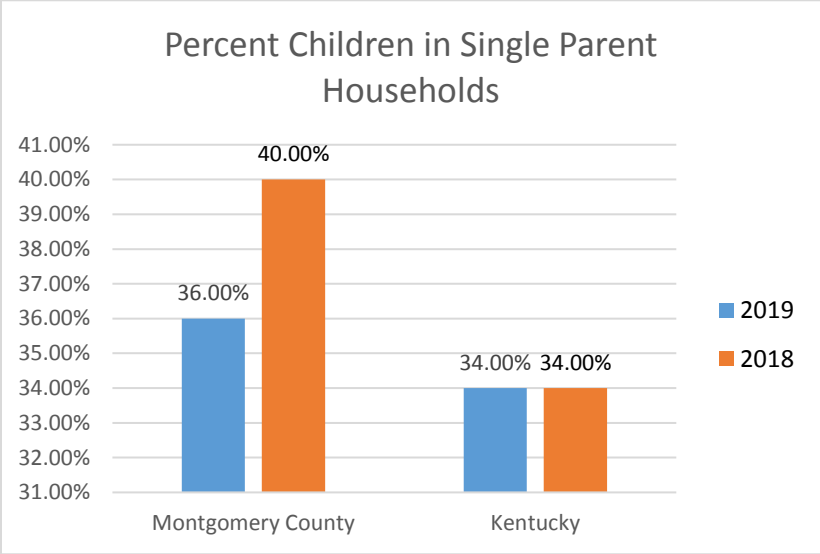


**2015 CHA %**  
**MC: 33.5%**  
**KY: 26.0%**  
**US: 21.9%**

Source: Community Commons, 2013-17

Percent of population under age 18 living in poverty has decreased in Montgomery County since 2015, and decreased since last year.

*Children Living in Single Parent Households*



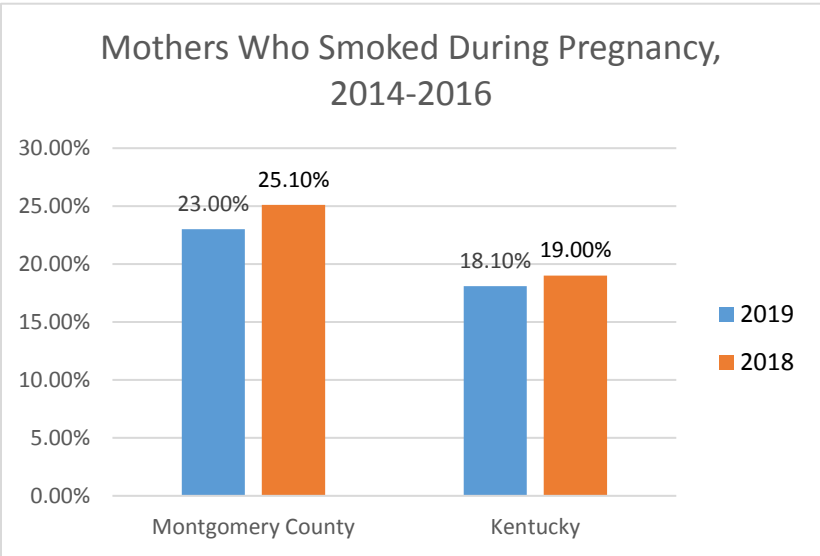
**2015 CHA %**  
**MC: 38.0%**  
**KY: 34.0%**

Source: County Health Rankings, 2019

Percent of children living in single parent households has decreased in Montgomery County.

**MATERNAL AND CHILD HEALTH**

*Maternal Smoking*

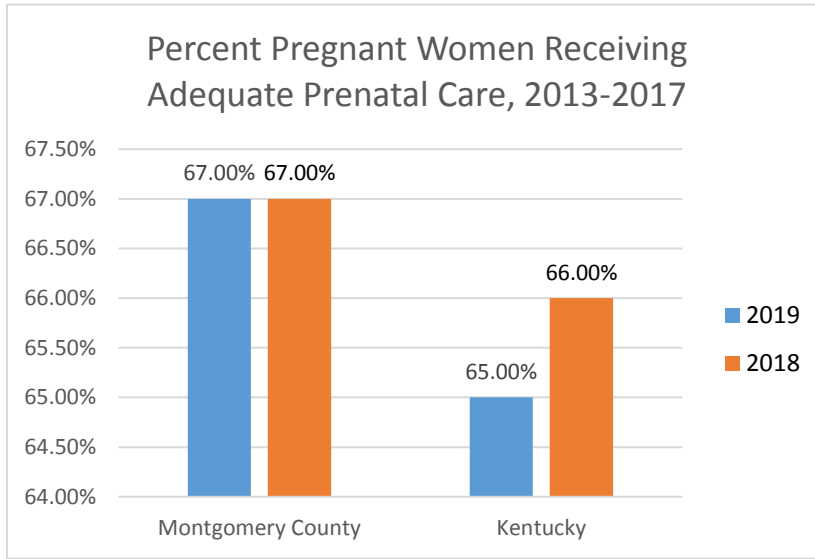


**2015 CHA %**  
**MC: 23.8%**  
**KY: 22.5%**

Source: Kids Count Data, 2014-2016

The percent of mothers who smoked during pregnancy has decreased for Montgomery County and Kentucky.

## Adequate Prenatal Care

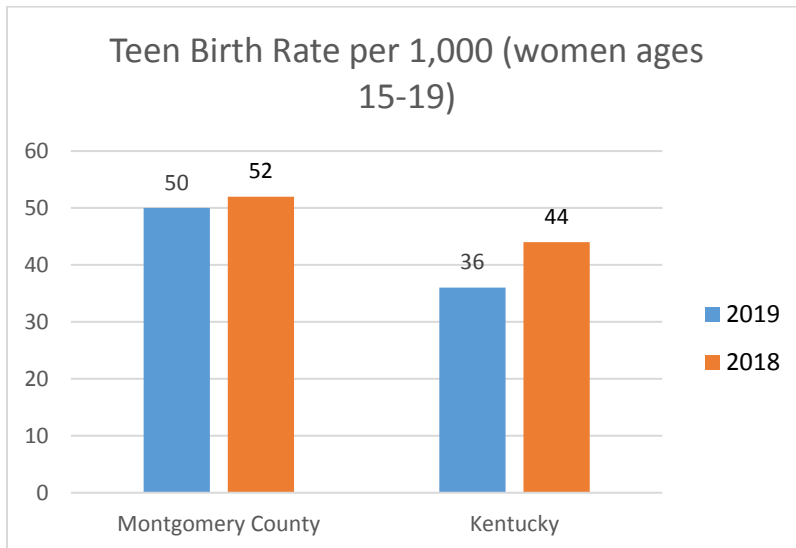


**2015 CHA %**  
**MC: 63.7%**  
**KY: 67.0%**

Source: Kentucky Health Facts, 2013-2017

The percent of pregnant women receiving adequate prenatal care has remained the same for Montgomery County, but decreased for Kentucky.

## Teen Birth

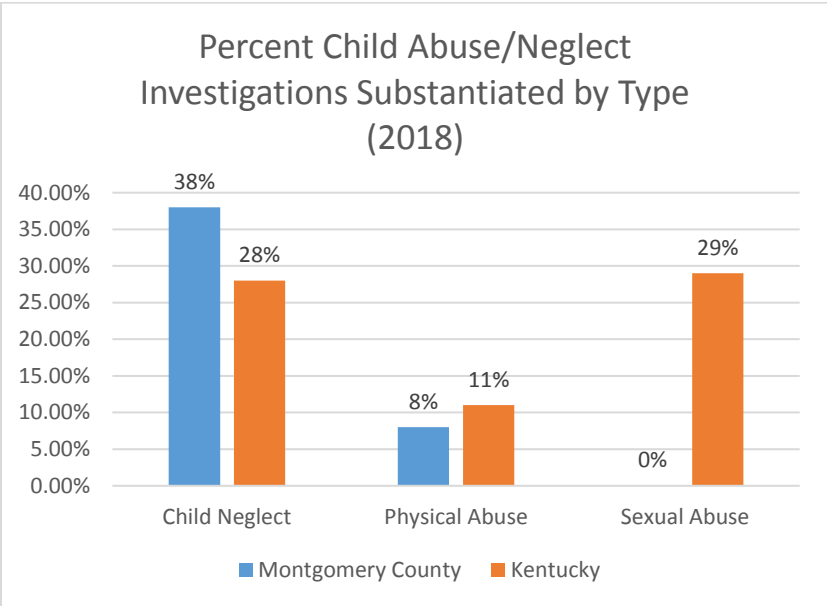


**2015 CHA Rate**  
**MC: 52.2**  
**KY: 40**

Source: County Health Rankings, 2019

Teen birth rate has decreased slightly in Montgomery County.

*Child Abuse Neglect Cases*



Source: Kids Count Data, 2019

Note: The 0% for Montgomery County Sexual Abuse investigations means the rate was not calculated for fewer than 6 substantiations.

Due to a change in the source's data collection system, it is recommended to refrain from comparing the referenced time period and beyond to prior years.

<b>Number of Child Victims of Substantiated Abuse (2014-2018)</b>	
<b>Montgomery County</b>	<b>297</b>
<b>Kentucky</b>	<b>24,066</b>

Source: Kids Count Data, 2019

Due to a change in the source's data collection system, it is recommended to refrain from comparing the referenced time period and beyond to prior years.



# MORTALITY & MORBIDITY – HEALTH OUTCOMES

*Causes of Death (Total Age-Adjusted Rate per 100,000)*

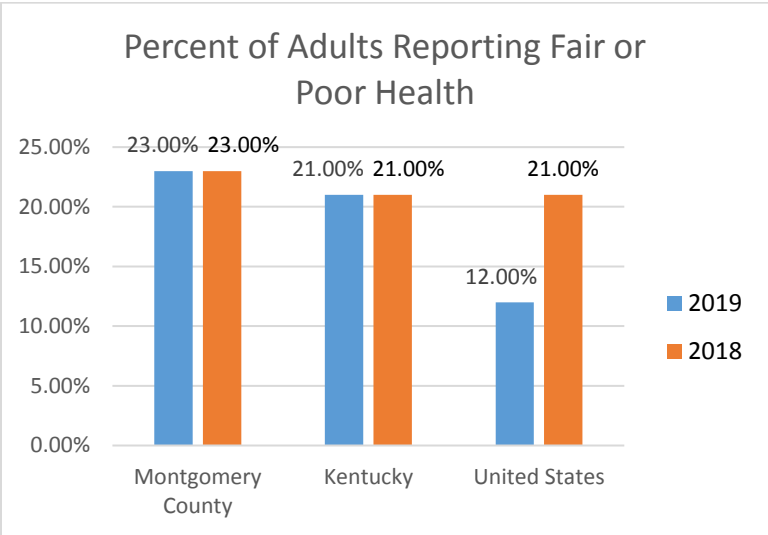
	Montgomery County 2019 Update	Montgomery County 2018 Update	Montgomery County 2017 Update	Montgomery County 2015 CHA Data	Kentucky 2019	United States 2019	Healthy People 2020 Target	2019 Data Source
<b>Cancer, All Sites</b>	228.5	194.8	154.0	196.1	191.2	152.5	161.4	Kentucky Cancer Registry (2016), Healthy People 2020
<b>Lung &amp; Bronchus Cancer</b>	61.7	98.7	65.7	68.4	60.4	36.6	45.5	Healthy People 2020, Kentucky Cancer Registry (2016)
<b>Colorectal Cancer</b>	<5*	<5*	<5*	18.4	17.2	39.2	14.5	Healthy People 2020, Kentucky Cancer Registry (2016)
<b>Breast Cancer (female)</b>	46.1 <sup>+</sup>	<5*	<5*	24.3	21.4	19.9	20.7	Healthy People 2020, Kentucky Cancer Registry (2016)
<b>Prostate Cancer</b>	<5*	<5*	<5*	11.8	19.1	18.7	21.8	Healthy People 2020, Kentucky Cancer Registry (2016)
<b>Coronary Heart Disease</b>	162.9	148.5	143.3	135.1	100.7	92.9	103.4	Healthy People 2020, CDC Wonder (2013-2017)
<b>Stroke</b>	34.2	34.2	36.7	44.6	39.4	37.6	34.8	Community Commons (2013-2017)
<b>Drug Poisoning</b>	17.6	27.2	18.9	18.9	27.36	15.6	10.2	Community Commons (2013-2017)
<b>Unintentional Injury</b>	63.8	58.3	45	30.7	64.77	44	36.4	Community Commons (2013-2017)
<b>Injury</b>	83	76	70	63.1	99.4	71.5	53.7	Healthy People 2020, County Health Rankings

								(2013-2017)
<b>Suicide</b>	16.7	16.7	14.7	14.7	16.9	14.0	10.2	Community Commons (2013-2017), Healthy People 2020
<b>Premature Deaths (Years of life lost)</b>	10,800	10,200	9,300	9,300	9,700	5,400	-	County Health Rankings (2015-2017)
<b>Infant Mortality</b>	10	11	<20 <sup>+</sup>	7.3	7	4	6.0	Healthy People 2020, County Health Rankings (2011-2017)
<b>Violent Crime Rate</b>	136	145	145	218	91	57	-	County Health Rankings (2014, 2016)

*\*Rates/counts are suppressed if less than 5 cases were reported in this category. +Rates are unstable; a minimum of cases are required to calculate a stable age-adjusted rate.*

Deaths from cancer for all sites increased since 2018 in Montgomery County. Lung and bronchus cancer deaths decreased since 2018 across the board. Deaths from colorectal, breast, and prostate cancer are suppressed or unstable as they were last year because a minimum number of cases are required to calculate a stable age-adjusted rate. Deaths from coronary heart disease have increased. Stroke deaths have remained the same. Drug poisoning deaths have decreased. Unintentional injury deaths have increased across the board, as have injury death rates. Suicide death rates remained the same for Montgomery County, but increased for Kentucky and the US. Premature deaths (years of life lost) has increased for Montgomery County and Kentucky. Infant mortality has decreased slightly for Montgomery County and the US. Violent crime rate has decreased for Montgomery County.

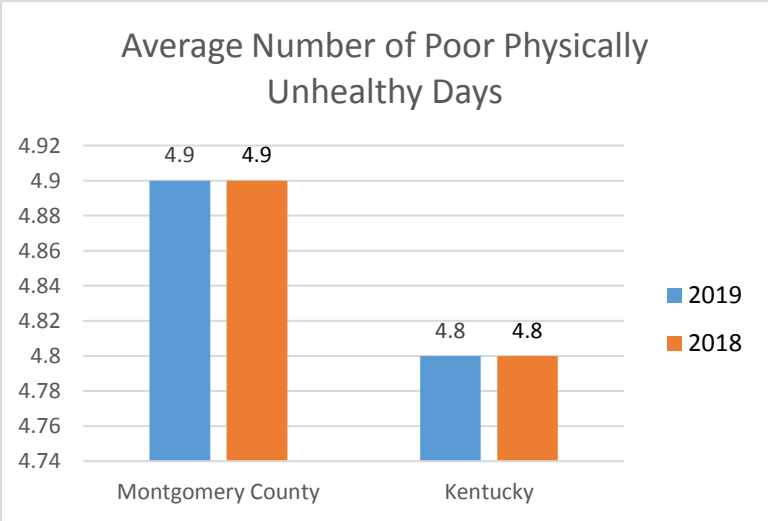
*Quality of Life*



**2015 CHA %**  
**MC: 22.0%**  
**KY: 24.0%**  
**US: 16.0%**

Source: County Health Rankings 2019

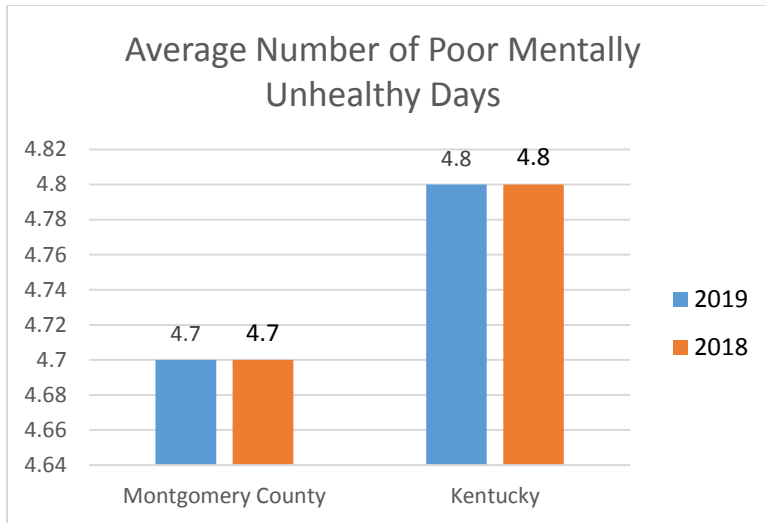
The percent of adults reporting fair or poor health in our county has remained steady.



**2015 CHA**  
**MC: 4.8**  
**KY: 5**

Source: County Health Rankings, 2019

The average number of poor physically unhealthy days has remained steady.

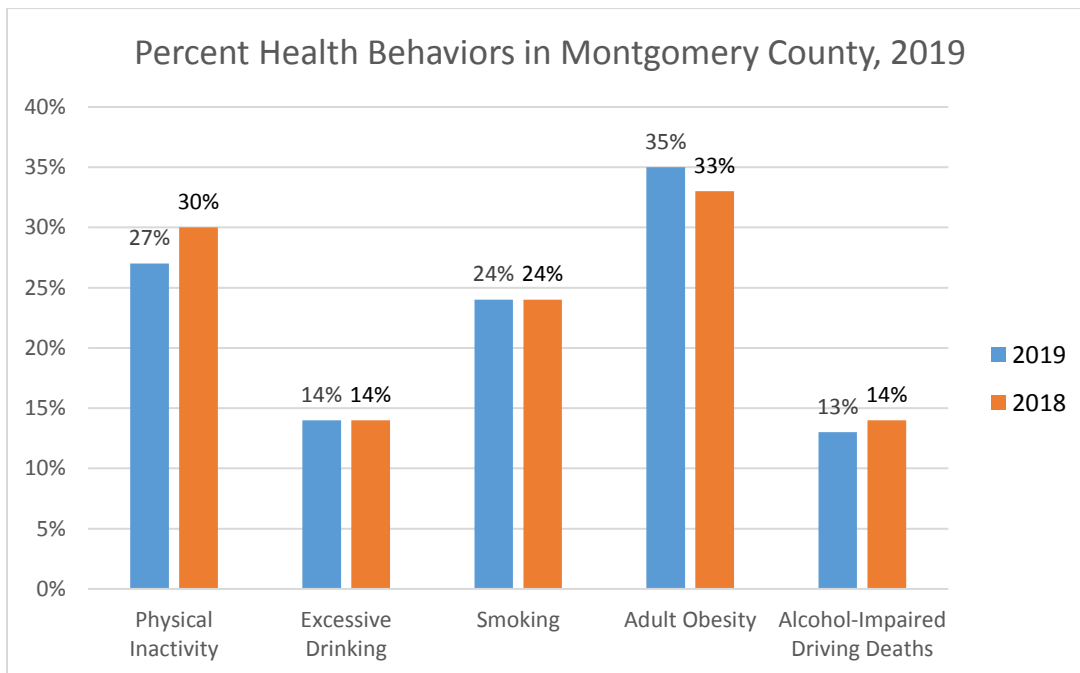


**2015 CHA**  
**MC: 4.4**  
**KY: 4.6**

Source: County Health Rankings, 2019

Average number of poor mentally unhealthy days has remained steady.

## HEALTH BEHAVIOR



### 2015 CHA %

**Physical Inactivity: 30%**

**Excessive Drinking: 12.0%**

**Smoking: 25.0%**

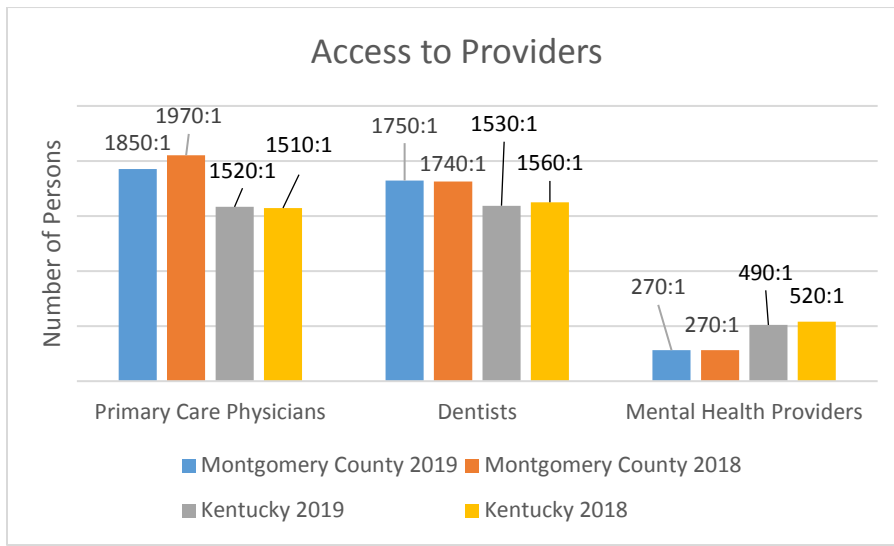
**Adult Obesity: 33.0%**

**Alcohol-Impaired Driving Deaths: 27.0%**

Source: County Health Rankings, data collected October 2019

Physical inactivity has decreased. Excessive drinking has remained steady. Smoking has remained steady. Adult obesity has increased. Alcohol-impaired driving deaths have decreased.

## CLINICAL CARE



### 2015 CHA PCPs

**MC: 2096:1**

**KY: 1499:1**

### 2015 CHA Dentists

**MC: 1947:1**

**KY: 1683:1**

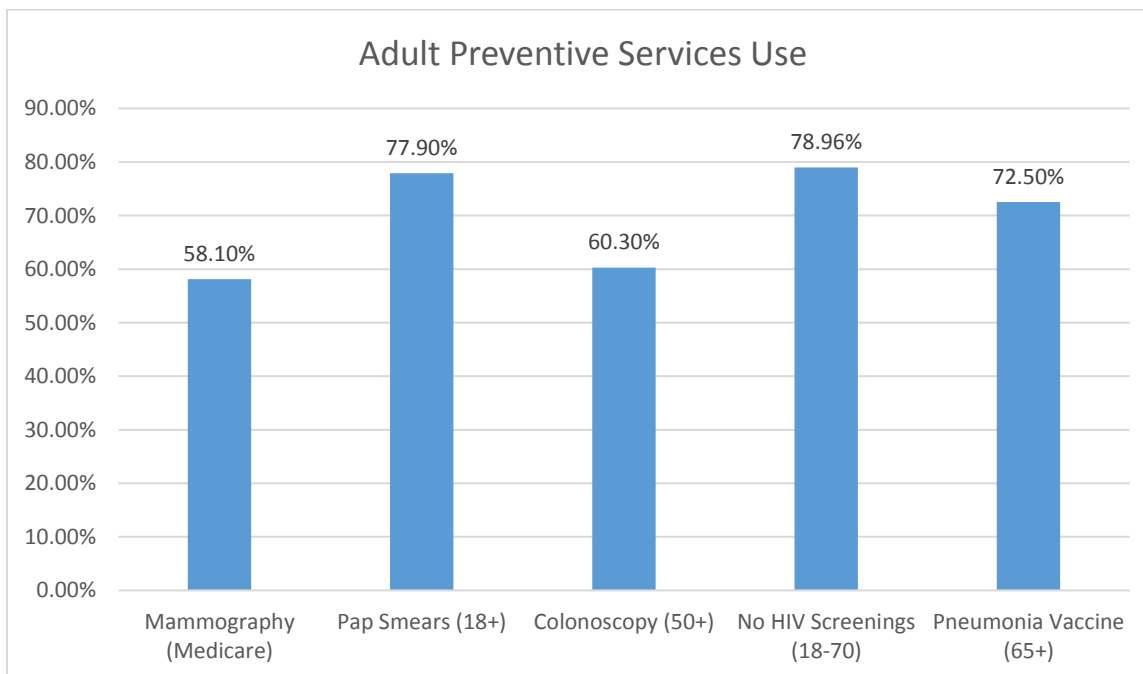
### 2015 CHA MHPs

**MC: 341:1**

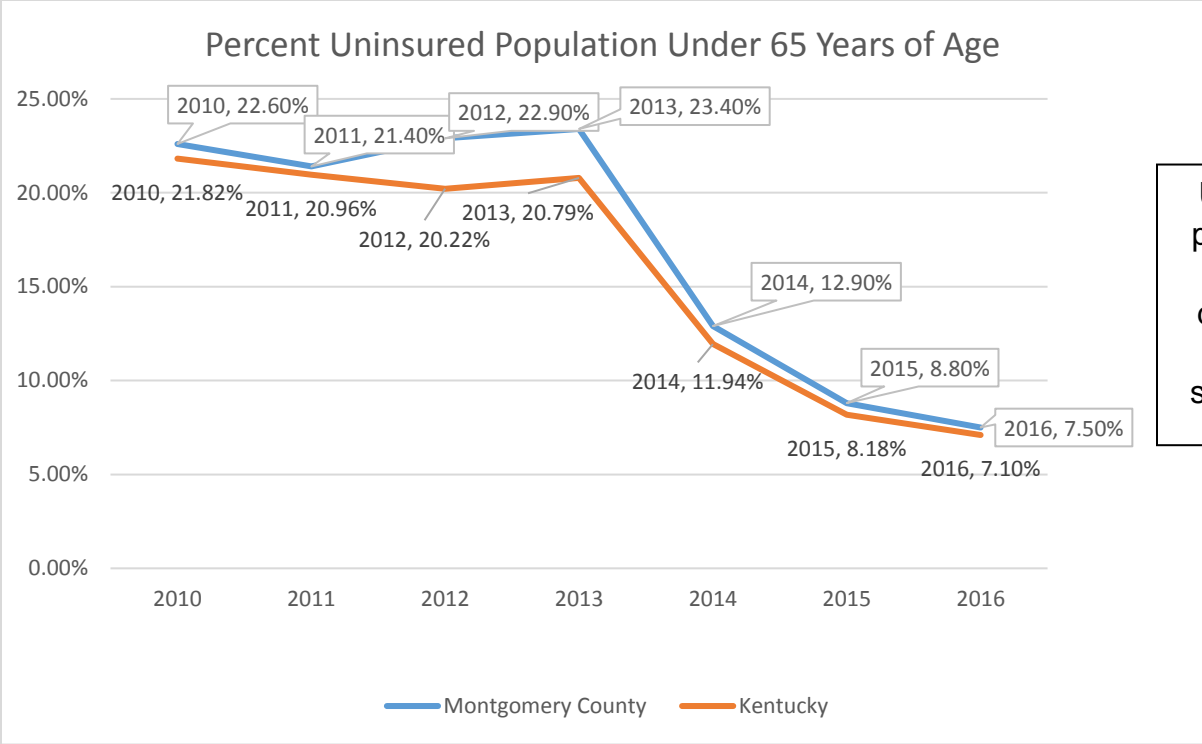
**KY: 558:1**

Source: County Health Rankings, data collected October 2019

Primary care physicians have increased, while dentists have decreased slightly and mental health providers have stayed the same in Montgomery County since last year.



Source: Community Commons, data collected October 2019. \*Note: percentages were not updated since the 2015 assessment. The indicators shown are no longer being updated at the county-level from the original source.



Uninsured percentage has decreased steadily since 2013.

Source: Community Commons, 2019

## PHYSICAL ENVIRONMENT

2015 CHA

<p>Air Quality – Particulate Matter 2.5: reports the percentage of days with particulate matter 2.5 levels above the National Ambient Air Quality Standard (35 micrograms per cubic meter) per year. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health. (Source: Community Commons, 2012)</p>	<p>0%</p>	<p>0</p>
<p>Air Quality – Ozone: This indicator reports the percentage of days per year with Ozone (O3) levels above the National Ambient Air Quality Standard of 75 parts per billion (ppb). This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health. (Source: Community Commons, 2012)</p>	<p>0.67%</p>	<p>2.8 days</p>
<p>Access to Recreational Facilities: reports the number per 100,000 population of recreation and fitness facilities as defined by North American Industry Classification System (NAICS) Code 713940. This indicator is relevant because access to recreation and fitness facilities encourages physical activity and other healthy behaviors. (Source: Community Commons, 2016)</p>	<p>7.55</p>	<p>4</p>
<p>Food Access – Low Income &amp; Low Food Access: reports the percent of low income population with low food access. This indicator is relevant because low food access contributes to overall poor health. (Source: Community Commons, 2015)</p>	<p>11.88%</p>	<p>9.87%</p>
<p>Grocery Store Access: reports the number of grocery stores per 100,000 population. Grocery stores are defined as supermarkets and smaller grocery stores primarily engaged in retailing a general line of food, such as canned and frozen foods; fresh fruits and vegetables; and fresh and prepared meats, fish, and poultry. Included are delicatessen-type establishments. Convenience stores and large general merchandise stores that also retail food, such as supercenters and warehouse club stores are excluded. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors. (Source: Community Commons, 2016)</p>	<p>15.09</p>	<p>5</p>
<p>Liquor Store Access: reports the number of beer, wine, and liquor stores per 100,000 population. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors. (Source: Community Commons, 2016)</p>	<p>11.32</p>	<p>3</p>

All data remained the same for 2019.

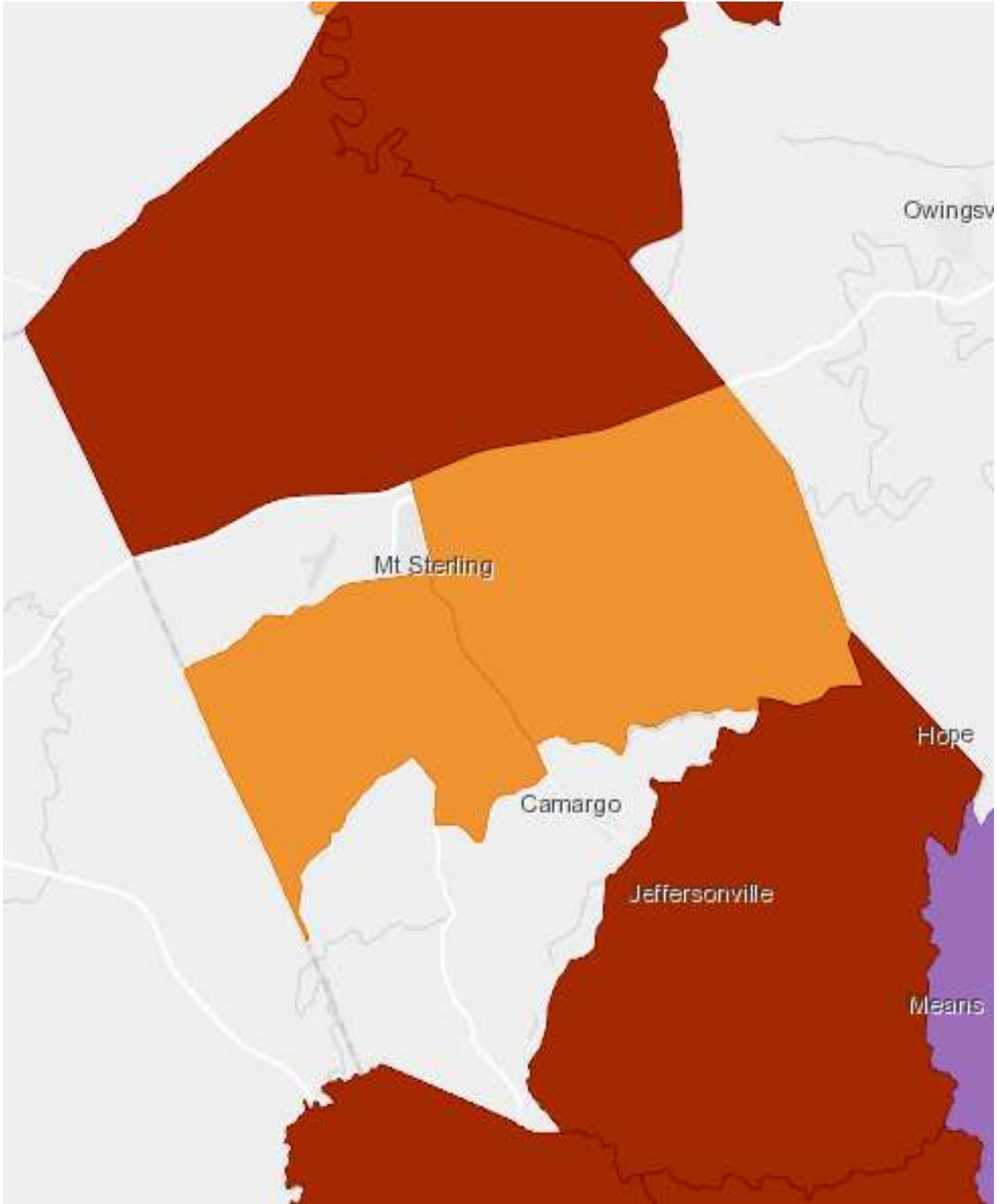
## County Health Data Table

Indicators	Montgomery	Kentucky	US	Data Source
<b>Social Factors</b>				
Population	28,203	4,468,402	327,167,434	US Census Bureau (2018)
Race Stats				
White (%)	94.9%	87.6%	76.5%	US Census Bureau (2018)
African-American (%)	2.8%	8.4%	13.4%	US Census Bureau (2018)
Hispanic (%)	2.9%	3.8%	18.3%	US Census Bureau (2018)
High School Graduation Rate (% of persons age 25+)	83.6%	85.2%	87.3%	US Census Bureau (2013-2017)
Bachelor's Degree or higher (% of persons age 25+)	17.0%	23.2%	30.9%	US Census Bureau (2013-2017)
Unemployed: Persons 16+ (%)	6.0%	4.3%	3.9	Local Area Unemployment Statistics (2018)
Persons in Poverty (%)	17.7%	16.9%	11.8%	US Census Bureau (2018)
Children Living Below Poverty Level Under the age of 18 (%)	22.3%	22.1%	18.4%	Small Area Income and Poverty Estimates (2017)
Self-Rated Health Status (% of Adults who report fair or poor health)	23%	21%	12%	County Health Rankings (2019)
Children in Single Parent Households (%)	36%	34%	20%	County Health Rankings (2019)
Median Household Income	\$43,890	\$48,332	\$60,336	Small Area Income and Poverty Estimates (2017)
<b>Behavioral Factors</b>				
Prevalence of Adult Smoking (% Age-Adjusted)	24.0%	24.2%	16.1%	County Health Rankings (2019), BRFSS (2018)
Prevalence of Youth Smoking (% of High School Students)	26.0%	25.0%	23.0%	Kentucky Health Facts (2007)
Adult Prevalence of Obesity (% Age-Adjusted)	35.0%	36.4%	30.9%	County Health Rankings (2019), BRFSS (2018)
Sexually Transmitted Infection (Chlamydia rate per 100,000)	282.5	413.2	152.8	County Health Rankings (2019)
Binge Drinking: adults (% Age-adjusted)	14.0%	16.1%	16.2%	County Health Rankings (2019), BRFSS (2018)
No exercise: adults (% Age-Adjusted)	32.0%	30.7%	23.8%	County Health Rankings (2019), BRFSS (2018)
Recommended Fruit and Vegetable Intake (% adults)	3.0%	9.0%	-	Kentucky Health Facts (2015-2017)
Flu Vaccination in the Past Year (% adults)	40.0%	41.0%	-	Kentucky Health Facts (2015-2017)
Tootle Loss (% adults missing 6 or more teeth)	29.0%	24.0%	-	Kentucky Health Facts (2014-2016)
<b>Access to Care</b>				
Primary Care Providers (ratio)	1,850:1	1,520:1	1,050:1	County Health Rankings (2019)
Flu Vaccination in the Past Year (% adults)	40.0%	41.0%	-	Kentucky Health Facts (2015-2017)
Uninsured Adults (% under 65 years)	6.20%	6.40%	-	Small Area Health Insurance Estimates (2017)
Uninsured Children (% under 19 years)	4.0%	3.7%	-	Small Area Health Insurance Estimates (2017)
Mentally unhealthy days: adults (per person)	5	5	-	Kentucky Health Facts (2015-2017)
<b>Physical Factors</b>				
Access to exercise opportunities (% with adequate access)	68.0%	71.1%	91.0%	County Health Rankings (2019)
Air pollution – particulate matter (average daily density)	10.1	10.7	6.1	County Health Rankings (2019)



<b>Respiratory Illness</b>				
Adults with Asthma (%)	14.0%	16.0%	-	Kentucky Health Facts (2015-2017)
Asthma hospitalization rate for children (per 10,000)	23	52	-	KIDS Count Data Center (2013-2017)
<b>Maternal and Child Health</b>				
Teen Birth Rate (ages 15-19, rate per 1,000)	50	36	14	County Health Rankings (2019)
Pregnant women receiving adequate prenatal care (%)	67.0%	65.0%	-	Kentucky Health Facts (2013-2017)
Number of child victims of substantiated abuse	297	24,066	-	KIDS Count Data Center (2018)
Low birthweight deliveries (%)	9.0%	9.0%	6.0%	County Health Rankings (2019)
Moms who smoked during pregnancy (%)	23.0%	18.1%	-	KIDS Count Data Center (2014-2016)
<b>Diabetes Indicators</b>				
% of adult populations with diabetes	13.0%	13.0%	-	Kentucky Health Facts (2015-2017)
Diabetes screenings (%)	3.0%	5.0%	5.0%	Mapping Medicare Disparities (2017)
<b>Cancers</b>				
Cancer deaths (rate per 100,000, age-adjusted)	228.5	191.2	155.9	Kentucky Cancer Registry (2016), SEER (2016)
Lung and bronchus cancer deaths (rate per 100,000, age-adjusted)	61.7	60.4	38.5	Kentucky Cancer Registry (2016), SEER (2016)
Colorectal cancer deaths (rate per 100,000, age-adjusted)	<5 (suppressed)	16.2	13.7	Kentucky Cancer Registry (2016), SEER (2016)
Breast cancer deaths (rate per 100,000, age-adjusted)	46.1 (unstable)	21.3	20.0	Kentucky Cancer Registry (2016), SEER (2016)
Lung and bronchus cancer incidence (rate per 100,000, age-adjusted)	129.2	86.9	51.7	Kentucky Cancer Registry (2016), SEER (2016)
Colorectal cancer incidence (rate per 100,000, age-adjusted)	76.1	50.5	37.1	Kentucky Cancer Registry (2016), SEER (2016)
Breast cancer incidence (rate per 100,000, age-adjusted)	117.8	150.1	126.3	Kentucky Cancer Registry (2016), SEER (2016)
<b>Total Number of Drug Arrests by Drug Type</b>				
Opiates	199	21,130	-	Kentucky State Police (2018)
Marijuana	0	133	-	Kentucky State Police (2018)
Meth	30	25,766	-	Kentucky State Police (2018)
Heroin	0	95	-	Kentucky State Police (2018)
All Other Drugs	347	101	-	Kentucky State Police (2018)
Total	577	107,379	-	Kentucky State Police (2018)
<b>Total Number of DUI Arrests</b>				
Adult	137	22,884	-	Kentucky State Police (2018)
Juvenile	3	112	-	Kentucky State Police (2018)
Male	110	17,318	-	Kentucky State Police (2018)
Female	32	5,696	-	Kentucky State Police (2018)
White	129	20,322	-	Kentucky State Police (2018)
Black	9	2,279	-	Kentucky State Police (2018)
Total (including unknown)	142	23,024	-	Kentucky State Police (2018)
<b>Total Number of Drug Overdose Hospitalizations</b>				
Any substance	121	16,795	-	KIPRC (2018)
Heroin	36	3,988	-	KIPRC (2018)
Opioids other than Heroin	18	2,511	-	KIPRC (2018)
Benzodiazepines	10	1,482	-	KIPRC (2018)
<b>Total Number of Drug Overdose Deaths</b>	13	1,250	-	KIPRC (2018)

Data collected: 10/7/19



Source: Community Commons, data collected October 2019

This map shows Montgomery County. The orange indicates communities in the County which have 20% or more of their population at the poverty level. These communities include Prewitt and part of Mt. Sterling. The dark red indicates communities in the County which have 20% or more of their population at the poverty level, and 20% or more of their population with less than a high school education. These communities include Jeffersonville, Sideview, Bunker Hill, Judy, Lucky Stop, and Stoops. Compared to 2018, the Camargo area is no longer showing as a community with 20% or more of its population at the poverty level and with less than a high school education, while there are more communities in the northern portion of the County displaying both of these indicators. This map indicates the southeastern and northern portions of our County as areas where high poverty and low education co-exist. Low income and educational attainment are known to affect employment opportunities, housing, access to medical care, and much more, and indicates an area in our County where more health disparities or poorer health outcomes may occur.

2019 County Health Rankings ([www.countyhealthrankings.org](http://www.countyhealthrankings.org)) identifies areas of strength in Montgomery County as:

- Lower alcohol-impaired driving deaths (13%).
- Low uninsured percentage (6%).
- High number of mental health providers (270:1).
- High number of preventable hospital stays (4,283).
- Increased high school graduation percentage (97%).

Areas to explore include:

- High adult smoking percentage (24%).
- Increased adult obesity percentage (35%).
- High physical inactivity percentage (32%).
- High number of teen births (50).
- Unemployment rate higher than state average (6.6%).

In December 2018 the health department surveyed individuals currently in rehabilitation for substance abuse regarding their beliefs about a proposed harm reduction syringe exchange program in the County, if they were aware of their Hepatitis C status, if they believe there is an injection drug use problem in the County, and their use of syringe exchange programs in counties other than Montgomery. Nearly 90% of the individuals in rehabilitation were in support of a syringe exchange program. Nearly 90% of respondents knew their Hepatitis C status. One respondent had traveled to another county for syringe exchange services. More than half of respondents stated there was an IV drug use problem in Montgomery County.

Due to staffing changes and drop off in participation, the Promoting Awareness for Teen Health (PATH) workgroup disbanded in early 2019. The remaining three workgroups (physical activity and nutrition, substance abuse/use, and communication), the Harm

Reduction Workgroup, and the Healthy Communities Coalition will continue working towards the areas identified as lagging behind to help make our community a healthier place. Organizations in the community often have community members attend these workgroups, helping to reduce silos.

For comments or information on joining one of the workgroups or Healthy Communities Coalition, contact Carissa Adams at [carissan.adams@ky.gov](mailto:carissan.adams@ky.gov).