

Marshall County, KY County Health Rankings www.countyhealthrankings.org	2019	2020	2021	2022	2023
Ranks are out of 120 counties, with 1 being the best and 120 being the worst					

Health Outcomes (Overall Rank)	27	22	25	24	24
Length of Life	62	50	71	40	40
Premature death Years of potential life lost before age 75 per 100,000 population (age-adjusted).	10,500	10,000	10,400	9,700	9,700
Quality of Life	6	6	5	18	13
Poor or fair health Percentage of adults reporting fair or poor health (age-adjusted).	16%	19%	20%	21%	17%
Poor physical health days Average number of physically unhealthy days reported in past 30 days (age-adjusted).	4.2	4.4	4.6	4.7	4
Poor mental health days Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	4.1	4.6	4.8	5.3	5.6
Low Birthweight Percentage of live births with low birthweight (< 2,500 grams).	8%	7%	8%	8%	8%
Additional Health Outcomes (not included in overall ranking)					
COVID-19 age-adjusted mortality All deaths occurring between January 1, 2020, and December 31, 2020, due to COVID-19, per 100,000 population.	Not Provided	Not Provided	Not Provided	68	Not Provided
Life expectancy Average number of years a person can expect to live.	74.9	75	75	75.1	75.1
Premature age-adjusted mortality Number of deaths among residents under age 75 per 100,000 population (age-adjusted)	490	500	490	470	470
Child mortality Number of deaths among children under age 18 per 100,000 population.	70	70	70	90	90
Infant mortality Number of all infant deaths (within 1 year), per 1,000 live births.	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided
Frequent physical distress Percentage of adults reporting 14 or more days of poor physical health per month (age-adjusted).	12%	13%	14%	14%	12%
Frequent mental distress Percentage of adults reporting 14 or more days of poor mental health per month (age-adjusted).	12%	14%	16%	17%	18%
Additional Health Outcomes (not included in overall ranking) continued					
Diabetes prevalence Percentage of adults aged 20 and above with diagnosed diabetes.	12%	11%	10%	11%	10%

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HIV prevalence Number of people aged 13 years and older living with a diagnosis of human immunodeficiency virus (HIV) infection per 100,000 population.	49	Not Provided	Not Provided	71	86
Health Factors (Overall Rank)	11	18	20	11	18
Health behaviors	9	16	16	19	22
Adult smoking Percentage of adults who are current smokers (age-adjusted).	18%	19%	23%	23%	22%
Adult obesity Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2	37%	38%	36%	39%	38%
Food environment index Index of factors that contribute to a healthy food environment, from 0 (worst) to 10 (best).	8.5	8.4	8.2	8.2	8.3
Physical inactivity Percentage of adults age 18 and over reporting no leisure-time physical activity (age adjusted)	27%	28%	29%	31%	27%
Access to exercise opportunities Percentage of population with adequate access to locations for physical activity	57%	57%	57%	48%	53%
Excessive drinking Percentage of adults reporting binge or heavy drinking (age-adjusted).	16%	16%	17%	16%	19%
Alcohol-impaired driving deaths Percentage of driving deaths with alcohol involvement.	15%	18%	16%	28%	28%
Sexually transmitted infections Number of newly diagnosed chlamydia cases per 100,000 population.	215.4	280.4	184.8	257.2	244.4
Teen Births Number of births per 1,000 female population ages 15-19.	35	32	30	28	28

Additional Health Behaviors (not included in overall ranking)					
Food insecurity Percentage of population who lack adequate access to food.	12%	12%	13%	12%	11%
Limited access to healthy foods Percentage of population who are low-income and do not live close to a grocery store.	1%	1%	1%	3%	3%
Drug overdose deaths Number of drug poisoning deaths per 100,000 population.	18	16	Not Provided	Not Provided	Not Provided
Motor vehicle crash deaths Number of motor vehicle crash deaths per 100,000 population.	29	29	28	28	Not Provided

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Insufficient sleep Percentage of adults who report fewer than 7 hours of sleep on average (age-adjusted).	31%	31%	41%	41%	38%
Clinical Care	25	29	30	24	32
Uninsured Percentage of population under age 65 without health insurance.	6%	6%	7%	7%	8%
Primary care physicians Ratio of population to primary care physicians.	2,610:1	2,410:1	2,230:1	2,220:1	2,230:1
Dentists Ratio of population to dentists.	3,920:1	3,900:1	3,110:1	2,600:1	2,890:1
Mental health providers Ratio of population to mental health providers.	4,480:1	3,900:1	3,460:1	3,120:1	2,890:1
Preventable hospital stays Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	4,353	4,623	4,691	4,060	2,866
Mammography screenings Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.	44%	43%	43%	44%	39%
Flu vaccines Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	46%	48%	50%	48%	48%

Additional Clinical Care (not included in overall ranking)					
Uninsured adults Percentage of adults under age 65 without health insurance.	6%	7%	7%	8%	9%
Uninsured children Percentage of children under age 19 without health insurance.	4%	4%	4%	5%	5%
Other primary care providers Ratio of population to primary care providers other than physicians.	1,846:1	1,835:1	1,640:1	1,250:1	1,380:1
Social & Economic Factors	15	18	18	6	16
High school completion Percentage of adults ages 25 and over with a high school diploma or equivalent.	Not provided	Not provided	89%	90%	92%
Some college Percentage of adults ages 25-44 with some post-secondary education.	63%	63%	64%	66%	66%
Unemployment Percentage of population ages 16 and older unemployed but seeking work.	5.90%	5.30%	4.70%	6.10%	4.70%

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Children in poverty Percentage of people under age 18 in poverty.	17%	18%	17%	15%	19%
Income inequality Ratio of household income at the 80th percentile to income at the 20th percentile.	4.2	4.7	4.7	4.5	4.9
Children in single-parent households Percentage of children that live in a household headed by single parent.	23%	22%	20%	20%	22%
Social associations Number of membership associations per 10,000 population.	20.1	19.1	17.6	18	17
Violent Crime Number of reported violent crime offenses per 100,000 population.	85	85	85	85	Not provided
Injury deaths Number of deaths due to injury per 100,000 population.	108	101	94	88	88

Additional Social & Economic Factors (not included in overall ranking)					
High school graduation Percentage of ninth-grade cohort that graduates in four years.	96%	96%	95%	94%	91%
Disconnected youth Percentage of teens and young adults ages 16-19 who are neither working nor in school.	Not provided	3.3	Not provided	Not provided	Not provided
Reading scores Average grade level performance for 3rd graders on English Language Arts standardized tests	Not provided	3.3	3.2	3.2	3.2
Math scores Average grade level performance for 3rd graders on math standardized tests	Not provided	3.1	2.8	2.8	2.8
School Segregation The extent to which students within different race and ethnicity groups are unevenly distributed across schools when compared with the racial and ethnic composition of the local population. The index ranges from 0-1 with the lower values representing a school composition that approximates race and ethnicity distributions in the student population within the county, the higher values representing more segregation.	Not Provided	Not Provided	Not Provided	0.03	0.03
School funding adequacy The average gap in dollars between actual and required spending per pupil among public school districts. Required spending is an estimate of dollars needed to achieve U.S. average test scores in each district.	Not Provided	Not Provided	Not Provided	\$4,597.00	\$4,687.00
Gender pay gap The ratio of women's median earnings to men's median earnings for all full-time, year-round workers, presented as "cents on the dollar".	Not Provided	Not Provided	Not Provided	0.69	\$0.70

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Median household income The income where half of households in a county earn more and half of households earn less.	\$50,800.00	\$52,400.00	\$57,900.00	\$56,300.00	\$57,800.00
Living wage The hourly wage needed to cover basic household expenses plus all relevant taxes for a household of one adult and two children.	Not Provided	Not Provided	Not Provided	\$33.30	\$39.58
Children eligible for free or reduced price lunch Percentage of children enrolled in public schools that are eligible for free or reduced price lunch.	1	53%	51%	50%	52%
Residential segregation Black/White Index of dissimilarity where higher values indicate greater residential segregation between Black and White county residents.	48	45	46	71	87
Residential segregation - non-white/white Index of dissimilarity where higher values indicate greater residential segregation between non-White and White county residents.	33	35	34	53	Not provided
Childcare cost burden Childcare costs for a household with two children as a percent of median household income.	Not Provided	Not Provided	Not Provided	22%	24%
Childcare centers Number of childcare centers per 1,000 population under 5 years old	Not Provided	Not Provided	Not Provided	6	6
Homicides Number of deaths due to homicide per 100,000 population.	Not provided	Not provided	Not provided	Not provided	Not provided
Suicides Number of deaths due to suicide per 100,000 population (age-adjusted).	Not provided	25	21	17	17
Firearm fatalities Number of deaths due to firearms per 100,000 population.	17	17	15	13	13
Juvenile arrests Rate of delinquency cases per 1,000 juveniles	Not provided	Not provided	Not provided	Not provided	Not provided
Motor Vehicle Crash Deaths Number of motor vehicle crash deaths per 100,000 population	Not provided	Not provided	Not provided	Not provided	28
Voter Turnout No Percentage of citizen population aged 18 or older who voted in the 2020 U.S. Presidential election	Not provided	Not provided	Not provided	Not provided	70.9
Census Participation Percentage of all households that self-responded to the 2020 census (by internet, paper questionnaire or telephone)	Not provided	Not provided	Not provided	Not provided	64.1
Physical Environment	76	88	79	80	65
Air pollution - particulate matter Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	11.1	11.1	9	9.6	9

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Drinking water violations Indicator of the presence of health-related drinking water violations. 'Yes' indicates the presence of a violation, 'No' indicates no violation.	No	No	No	No	No	
Severe housing problems Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, lack of kitchen facilities, or lack of plumbing facilities.	12%	11%	11%	11%	10%	
Driving alone to work Percentage of the workforce that drives alone to work.	88%	90%	88%	86%	84%	
Long commute - driving alone Among workers who commute in their car alone, the percentage that commute more than 30 minutes.	30%	30%	29%	26%	28%	
Additional Physical Environment (not included in overall ranking)						
Traffic volume Average traffic volume per meter of major roadways in the county.	Not provided	50	45	45	53	
Homeownership Percentage of owner-occupied housing units	79%	79%	81%	83%	82%	
Sever housing cost burden Percentage of households that spend 50% or more of their household income on housing.	9%	9%	7%	7%	8%	
Broadband Access Percentage of households with broadband internet connection.	Not provided	Not provided	79%	86%	85%	