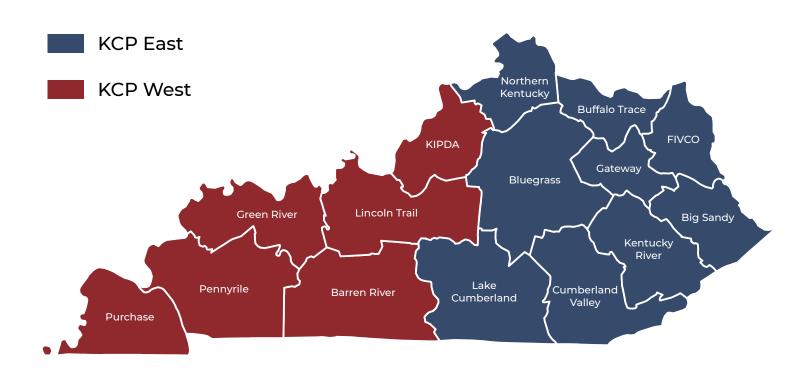


AREA DEVELOPMENT DISTRICT PROFILES

The Commonwealth of Kentucky has 120 counties that are broken into 15 different Area Development Districts (ADDs). ADDs consist of anywhere from 5 to 17 counties in a contiguous geographic region. The mission of the ADDs is to bring local civic and governmental leaders together to accomplish major objectives and take advantage of opportunities which cannot be achieved or realized by those governments acting alone.

The purpose of the following pages is to summarize relevant social determinants of health, behavioral risk factors and cancer incidence and mortality at the ADD level to facilitate coordination in the realm of cancer prevention and control planning. The Kentucky Cancer Program (KCP)—jointly administered by the University of Kentucky (KCP East) and University of Louisville (KCP West)—has been charged with leading this task in Kentucky.



ADD PROFILE SOURCES

American Community Survey, 5-year Estimates, 2015-2019	Total population and age, sex, race and ethnicity breakdowns; Education completed; Uninsured; Median income; Living below poverty; Internet devices
County Health Rankings & Roadmaps, 2021	Access to parks and gyms
Health Resources and Services Administration, 2021	Hospitals and clinics; Geographic Health Professional Shortage Areas
Kentucky Behavioral Risk Factor Survey, 2016-2019	Smoking; Unhealthy weight; Physical inactivity; Unhealthy drinking (2018-2019) Female breast, colorectal and Pap screening rates (2016 and 2018) Lung screening rates (2017 and 2019)
Kentucky Cabinet for Health & Family Services, 2019	Medicaid enrollment
Kentucky Cancer Registry, 2014-2018	Cancer incidence and mortality rates; Late-stage diagnosis
US Department of Agriculture, Economic Research Service, 2019	Access to healthy foods

DATA DEFINITIONS

Access to healthy foods	Lacking access to healthy foods is defined as residing in a low-income and low food access using vehicle census tract. A low-income census tract is one where (a) the poverty rate is 20 percent or greater; or (b) the median family income is less than or equal to 80 percent of the State-wide median family income; or (c) the tract is in a metropolitan area and has a median family income less than or equal to 80 percent of the metropolitan area's median family income. A census tract is considered low access if (a) at least 100 households are more than one-half mile from the nearest supermarket and have no access to a vehicle; or (b) at least 500 people or 33 percent of the population live more than 20 miles from the nearest supermarket, regardless of vehicle access.
Access to parks and gyms	Individuals are considered to have access to exercise opportunities [parks and gyms] if (a) they reside in a census block that is within a half mile of a park, or (b) they reside in an urban census block that is within one mile of a recreational facility, or (c) they reside in a rural census block that is within three miles of a recreational facility.
Breast, colorectal and lung screen	Individuals meeting the US Preventive Services Task Force recommendations for female breast, colorectal or lung cancer screening
Federally Qualified Health Center	Federally Qualified Health Centers (FQHCs) are community-based health care providers that receive funds from the HRSA Health Center Program to provide primary care services in underserved areas. They must meet a stringent set of requirements, including providing care on a sliding fee scale based on ability to pay and operating under a governing board that includes patients.
Geographic Health Professional Shortage Area	A Geographic Health Professional Shortage Area (HPSA) is a geographic area that has been designated by the Health Resources and Services Administration (HRSA) as having a shortage of health professionals in primary care
Pap screen	Females age 21 to 64 who have not had a hysterectomy and have had a Pap test in the past three years
Physical inactivity	Adults who did not participate in any physical activities for exercise outside of work in the past 30 days
Unhealthy drinking	Males who have had 5+ alcoholic drinks on one occasion in the past 30 days or average 2 alcoholic drinks daily; females who have had 4+ alcoholic drinks on one occasion in the past 30 days or average 1 alcoholic drink daily
Unhealthy weight	Adults with a BMI of 25 or higher



BARREN RI

Population 302,859

Annual New Cancer Cases 1,797

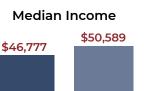
Social Determinants of Health



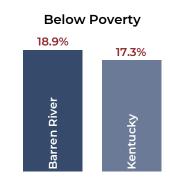
51% |

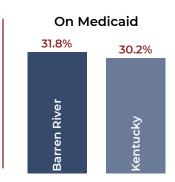
23% | 16%

6%









People Lacking Access



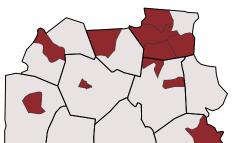
to healthy foods



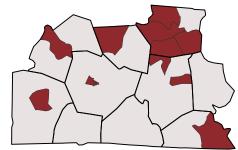
2022 EDITION

to parks and gyms

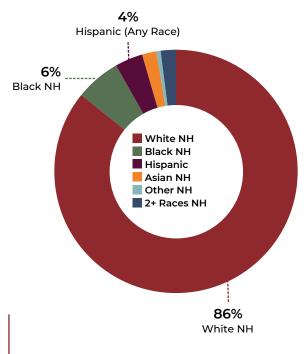
to internet devices



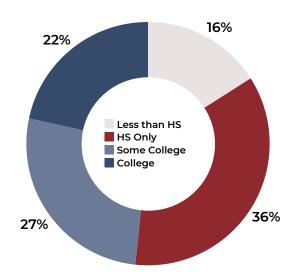
Areas Lacking Access to Healthy Foods



Race and Ethnicity



Education Completed



Healthcare System



11 Hospitals

19 Rural Health Clinics

22 Federally-Qualified Health Centers

2 Geographic Health Professional Shortage Areas

COUNTIES

Allen Barren

Butler

Hart

Logan

Metcalfe

Monroe

Simpson

Warren

Edmonson

Cancer-related Outcomes

Cancer Risk Factors





69% unhealthy weight



51% physically inactive



15% unhealthy drinkina

Screening Rates & Late-Stage Diagnosis



8% luna screen 12th of 15 ADDs

77%

late stage 6th of 15 ADDs



74% breast screen

9th of 15 ADDs

27% late stage

9th of 15 ADDs

63% colorectal screen

11th of 15 ADDs

40% late stage 5th of 15 ADDs



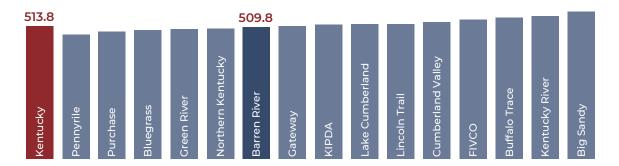
51% late stage

12th of 15 ADDs

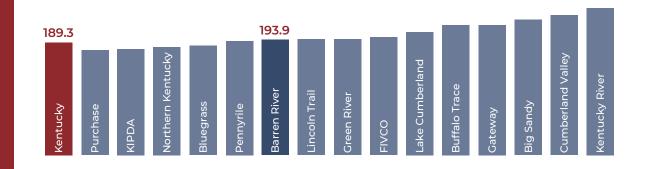
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	3rd	114.0
Prostate	8th	95.9
Lung & Bronchus	8th	92.5
Melanoma	10th	28.8
Endometrium	4th	23.0

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	7th	64.0
Female Breast	6th	20.7
Prostate	9th	19.5
Colon & Rectum	7th	17.7
Pancreas	8th	11.2

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources



BIG SANDY AREA DEVELOPMENT DISTRICT (ADD)

2022 EDITION

Population 142,726

Annual New Cancer Cases 1,063

Social Determinants of Health

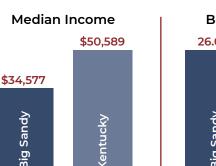


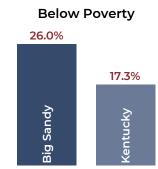
51%

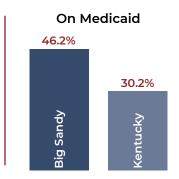
21%

18%

5% uninsured







People Lacking Access

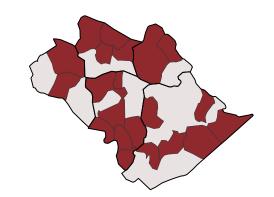


50% to healthy foods

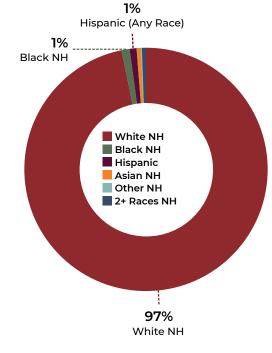


18% to internet devices

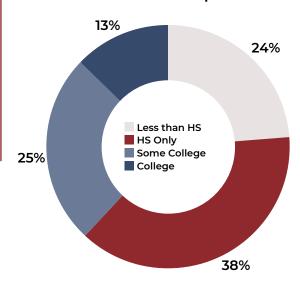
Areas Lacking Access to Healthy Foods



Race and Ethnicity



Education Completed



Healthcare System



11 Hospitals

19 Rural Health Clinics

13 Federally-Qualified Health Centers

1 Geographic Health Professional Shortage Areas

Cancer Risk Factors





79% unhealthy weight



53% physically inactive



7% unhealthy drinking

Screening Rates & Late-Stage Diagnosis



21% lung screen

2nd of 15 ADDs

75% late stage

3rd of 15 ADDs



72% breast screen

13th of 15 ADDs

31% late stage 14th of 15 ADDs



64% colorectal screen

10th of 15 ADDs

44% late stage 11th of 15 ADDs



75% Pap screen

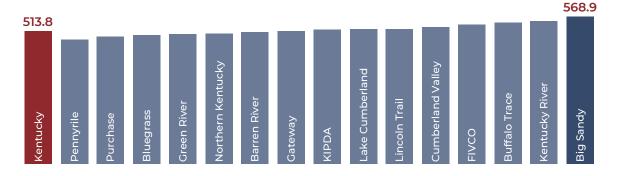
11th of 15 ADDs

52% late stage 13th of 15 ADDs

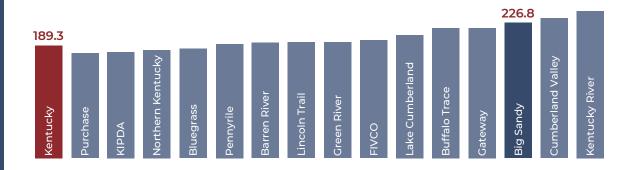
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	9th	120.1
Lung & Bronchus	14th	115.0
Prostate	7th	95.7
Endometrium	15th	35.4
Melanoma	4th	24.8

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	13th	79.0
Prostate	14th	23.8
Colon & Rectum	15th	23.3
Female Breast	5th	20.7
Pancreas	13th	12.7

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

COUNTIES

Floyd
Johnson
Magoffin
Martin

Pike



BLUEGRASS

2022 EDITION

Population 820,275

Annual New Cancer Cases 4,590

Social Determinants of Health



51% | **22**% |

15%

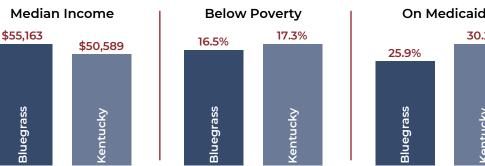
6%

Race and Ethnicity

White NH ■ Black NH Hispanic Asian NH Other NH

2+ Races NH

5% Hispanic (Any Race)



On Medicaid 30.2% Kentucky

Black NH

8%

People Lacking Access



to healthy foods

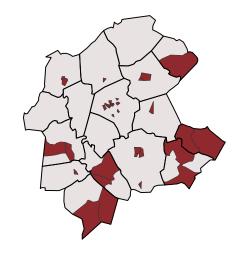


to parks and gyms



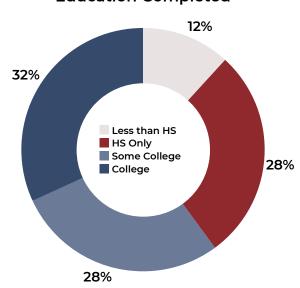
to internet devices

Areas Lacking Access to Healthy Foods



Education Completed

82% White NH



Healthcare System



23 Hospitals

40 Rural Health Clinics

45 Federally-Qualified Health Centers

2 Geographic Health Professional Shortage Areas

Cancer Risk Factors





66% unhealthy weight



physically inactive



21% unhealthy drinkina

Screening Rates & Late-Stage Diagnosis



19% lung

screen

4th of 15 ADDs

78% late stage 9th of 15 ADDs



breast screen

6th of 15 ADDs

26% late stage 5th of 15 ADDs



73% colorectal screen

3rd of 15 ADDs

42% late stage 6th of 15 ADDs



84% Pap screen

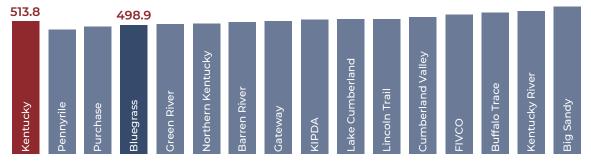
4th of 15 ADDs

43% late stage 6th of 15 ADDs

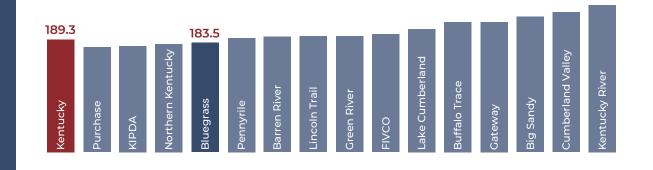
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	14th	137.6
Prostate	11th	103.3
Lung & Bronchus	1st	78.3
Endometrium	8th	29.4
Melanoma	13th	29.2

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	4th	58.4
Female Breast	9th	21.2
Prostate	12th	20.9
Colon & Rectum	3rd	15.0
Pancreas	2nd	9.7

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

COUNTIES

Anderson

Bourbon Boyle Clark Estill Fayette Franklin Garrard Harrison Jessamine Lincoln Madison Mercer **Nicholas** Powell Scott

Woodford



BUFFALO TR.

2022 EDITION

Population 55,470

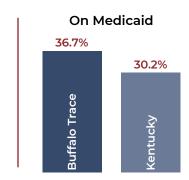
Annual New Cancer Cases 400

Social Determinants of Health



50% | 23% | 18% |





People Lacking Access



to healthy foods

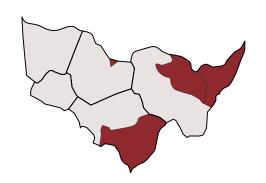


to parks and gyms

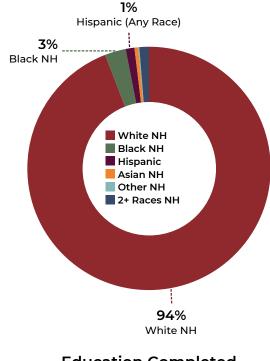


to internet devices

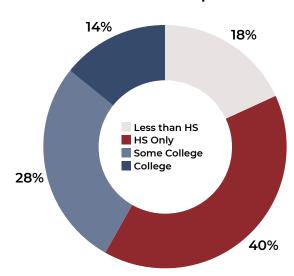
Areas Lacking Access to Healthy Foods



Race and Ethnicity



Education Completed



Healthcare System



- 2 Hospitals
- 1 Rural Health Clinics
- 7 Federally-Qualified Health Centers
- 1 Geographic Health Professional Shortage Areas

Cancer Risk Factors





73% unhealthy weight



65% physically inactive



13% unhealthy drinking

Screening Rates & Late-Stage Diagnosis



5% lung screen

15th of 15 ADDs

75% late stage 2nd of 15 ADDs



74% breast screen

11th of 15 ADDs

22% late stage 1st of 15 ADDs



59% colorectal screen

14th of 15 ADDs

44% late stage 10th of 15 ADDs



70% Pap screen

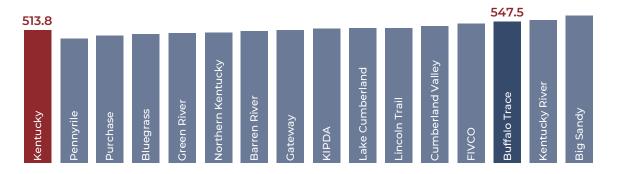
14th of 15 ADDs

n/a late stage n/a of 15 ADDs

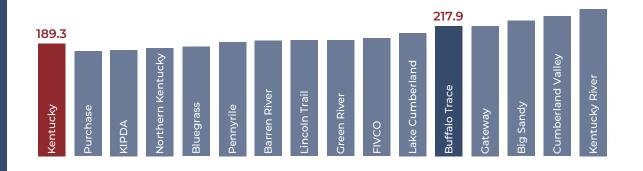
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	15th	137.9
Lung & Bronchus	11th	97.4
Prostate	6th	95.4
Endometrium	14th	35.3
Melanoma	3rd	24.6

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	12th	78.0
Colon & Rectum	14th	23.3
Female Breast	4th	20.4
Prostate	7th	18.9
Pancreas	9th	11.4

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

COUNTIES

Bracken
Fleming
Lewis
Mason

Robertson

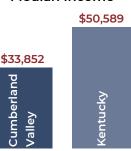
CUMBERLAND VALLE REA DEVELOPMENT DISTRICT (ADD) **AREA DEVELOPMENT**

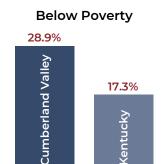
Social Determinants of Health

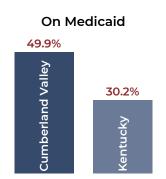


23% | 17%

Median Income







People Lacking Access



to healthy foods



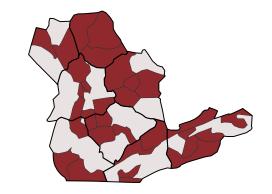
2022 EDITION

to parks and gyms

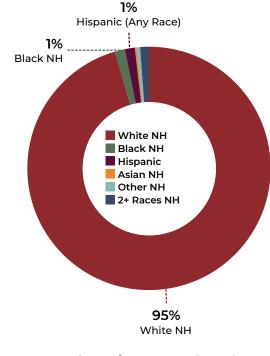


to internet devices

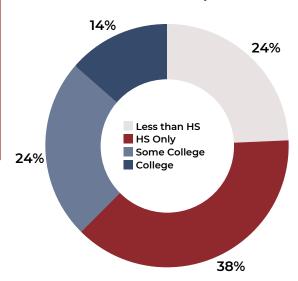
Areas Lacking Access to Healthy Foods



Race and Ethnicity



Education Completed



Healthcare System



9 Hospitals

57 Rural Health Clinics

56 Federally-Qualified Health Centers

3 Geographic Health Professional Shortage Areas

College Graduation in KY: 24%

Population 231,900

Annual New Cancer Cases 1,537

Cancer Risk Factors





74% unhealthy weight



inactive



9% unhealthy drinkina

Screening Rates & Late-Stage Diagnosis



82% late stage 15th of 15 ADDs



71% breast screen 14th of 15 ADDs

31% late stage 15th of 15 ADDs



70% colorectal screen

7th of 15 ADDs

45% late stage 14th of 15 ADDs



73% Pap screen

12th of 15 ADDs

46% late stage 9th of 15 ADDs

Top 5 Mortality Rates

Top 5 Incidence Rates

of 15 ADDs Rate/100k

114.4

112.3

83.8

32.4

24.5

4th

13th

2nd

10th

2nd

Cancer Site

Prostate

Female Breast

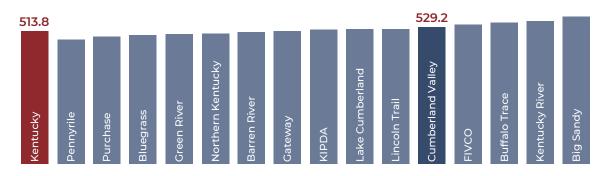
Endometrium

Melanoma

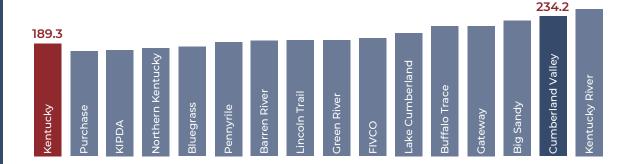
Lung & Bronchus

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	14th	86.2
Female Breast	13th	23.9
Prostate	10th	20.0
Colon & Rectum	11th	18.8
Pancreas	10th	11.6

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

8 COUNTIES Bell

Clay Harlan Jackson Knox Laurel Rockcastle Whitley



AREA DEVELOPMENT DISTRICT (ADD)

2022 EDITION

Population 133,577

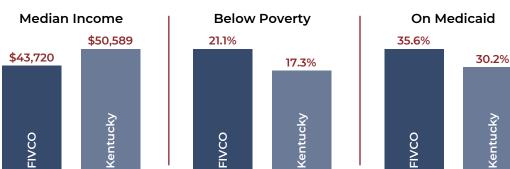
Annual New Cancer Cases 978

Social Determinants of Health



50% | 22% | 19%

Areas Lacking Access to Healthy Foods



People Lacking Access



to healthy foods





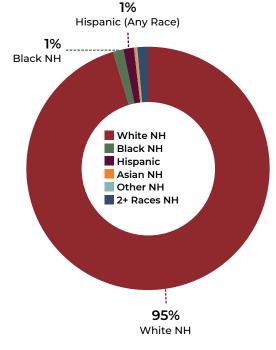


2 Hospitals

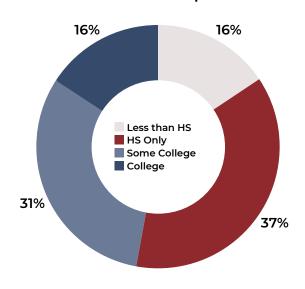
3 Rural Health Clinics

6 Federally-Qualified Health Centers

Race and Ethnicity



Education Completed



Healthcare System

O Geographic Health Professional Shortage Areas

Cancer Risk Factors





unhealthy weight



physically inactive



11% unhealthy drinkina

Screening Rates & Late-Stage Diagnosis



lung screen 9th of 15 ADDs

77% late stage 7th of 15 ADDs



79% breast screen

5th of 15 ADDs

26% late stage 8th of 15 ADDs



74% colorectal screen

2nd of 15 ADDs

40% late stage 4th of 15 ADDs



70% Pap screen

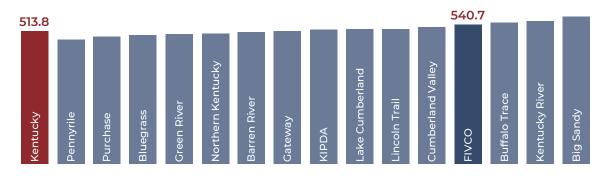
15th of 15 ADDs

31% late stage 1st of 15 ADDs

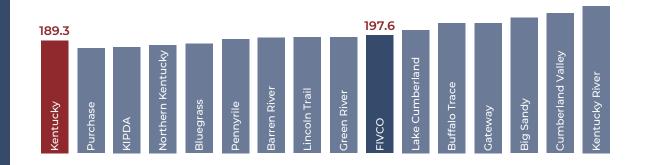
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	8th	118.3
Prostate	10th	102.7
Lung & Bronchus	10th	95.3
Endometrium	11th	32.9
Melanoma	7th	27.6

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	8th	64.9
Female Breast	12th	21.9
Prostate	6th	18.6
Colon & Rectum	8th	18.0
Pancreas	5th	10.8

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

COUNTIES Boyd Carter Elliott Greenup

Lawrence



AREA DEVELOPMENT DISTRICT (ADD)

2022 EDITION

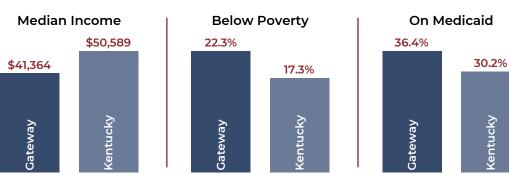
Population 84,477

Annual New Cancer Cases 509

Social Determinants of Health



50% | 22% | 16% |



People Lacking Access



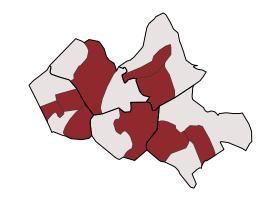
to healthy foods



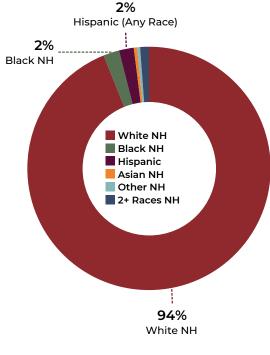
28% to parks and gyms



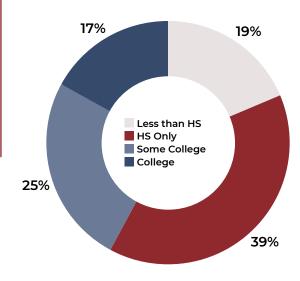
Areas Lacking Access to Healthy Foods



Race and Ethnicity



Education Completed



Healthcare System



3 Hospitals

11 Rural Health Clinics

13 Federally-Qualified Health Centers

2 Geographic Health Professional Shortage Areas

Cancer Risk Factors





72% unhealthy weight



53% physically inactive



13% unhealthy drinking

Screening Rates & Late-Stage Diagnosis



8% lung screen

14th of 15 ADDs

79% late stage 12th of 15 ADDs

73% breast screen

12th of 15 ADDs

28% late stage 10th of 15 ADDs ワ

63% colorectal screen

12th of 15 ADDs

43% late stage 8th of 15 ADDs



44% late stage

7th of 15 ADDs

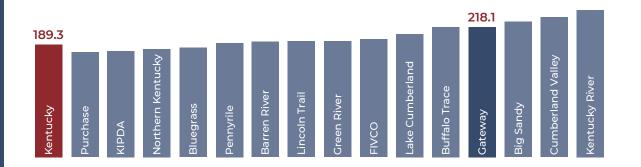
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	lst	106.3
Lung & Bronchus	12th	100.6
Prostate	1st	78.0
Endometrium	13th	34.9
Melanoma	6th	27.3

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	11th	76.6
Female Breast	15th	25.7
Colon & Rectum	9th	18.2
Prostate	2nd	17.5
Pancreas	15th	13.6

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

COUNTIES

Bath
Menifee
Montgomery
Morgan

Rowan



Population 216,083

Annual New Cancer Cases 1,367

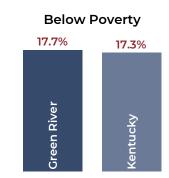
Social Determinants of Health

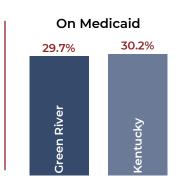


24% | **17**% |

Median Income







People Lacking Access



to healthy foods



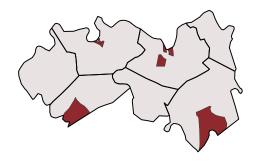
2022 EDITION

to parks and gyms

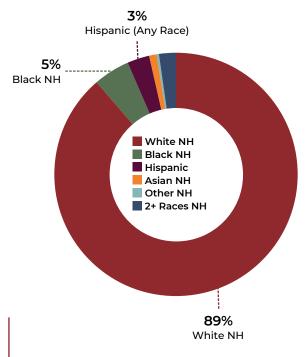


to internet devices

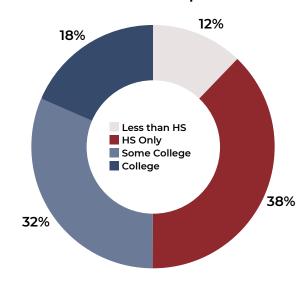
Areas Lacking Access to Healthy Foods



Race and Ethnicity



Education Completed



Healthcare System



- **5** Hospitals
- **4** Rural Health Clinics
- 7 Federally-Qualified Health Centers
- **3** Geographic Health Professional Shortage Areas

Cancer Risk Factors





71% unhealthy weight



51% physically inactive



18% unhealthy drinkina

Screening Rates & Late-Stage Diagnosis



lung screen

8th of 15 ADDs

72% late stage 1st of 15 ADDs



81% breast screen

2nd of 15 ADDs

24% late stage 4th of 15 ADDs



73% colorectal screen

4th of 15 ADDs

44% late stage 9th of 15 ADDs



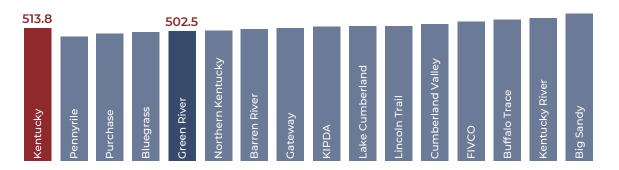
45%

late stage 8th of 15 ADDs

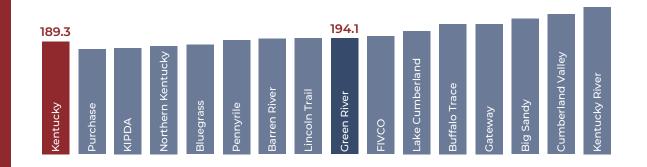
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	11th	131.3
Prostate	14th	108.3
Lung & Bronchus	6th	85.9
Melanoma	5th	26.8
Urinary Bladder	11th	24.0

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	6th	62.2
Female Breast	3rd	19.6
Prostate	8th	19.3
Colon & Rectum	4th	15.5
Pancreas	3rd	10.3

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

COUNTIES **Daviess**

Hancock **Henderson** McLean Ohio Union Webster



KENTUCKY RIVE! AREA DEVELOPMENT DISTRICT (ADD)

AREA DEV

2022 EDITION

Population 105,969

Annual New Cancer Cases 777

Social Determinants of Health



51%

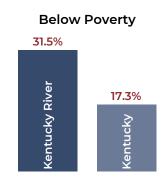
21%

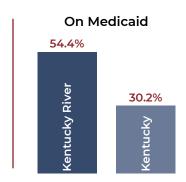
17%

5% uninsured

Median Income







People Lacking Access



62% to healthy foods

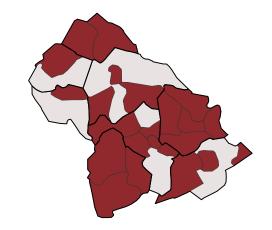


34% to parks and gyms

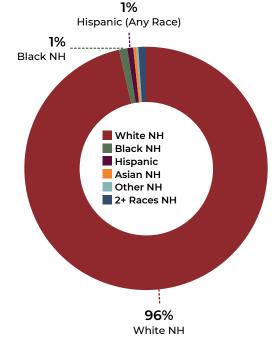


23% to internet devices

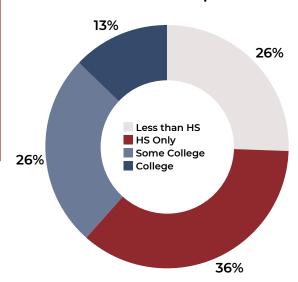
Areas Lacking Access to Healthy Foods



Race and Ethnicity



Education Completed



Healthcare System



4 Hospitals

25 Rural Health Clinics

32 Federally-Qualified Health Centers

4 Geographic Health Professional Shortage Areas

Cancer Risk Factors





78% unhealthy weight



physically inactive



7% unhealthy drinkina

Screening Rates & Late-Stage Diagnosis



11% luna screen 11th of 15 ADDs

81% late stage 14th of 15 ADDs

75% breast screen

8th of 15 ADDs

29% late stage 12th of 15 ADDs



60% colorectal screen

13th of 15 ADDs

46% late stage 15th of 15 ADDs



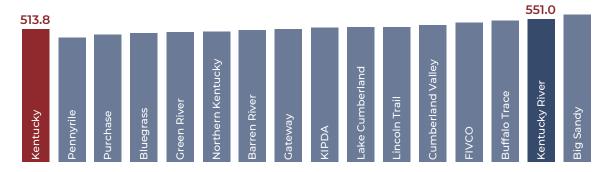
50%

late stage 11th of 15 ADDs

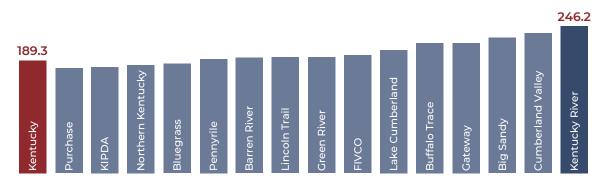
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	15th	116.8
Female Breast	5th	114.5
Prostate	3rd	84.9
Endometrium	12th	34.1
Melanoma	4th	24.8

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	15th	91.9
Prostate	15th	24.2
Female Breast	14th	24.1
Colon & Rectum	13th	20.0
Pancreas	14th	12.8

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

8 COUNTIES Breathitt Knott Lee Leslie Letcher Owsley

Perry Wolfe



AREA DEVELOPMENT DISTRICT (ADD)

2022 EDITION

Population **1,004,031**

Annual New Cancer Cases **6,159**

Social Determinants of Health

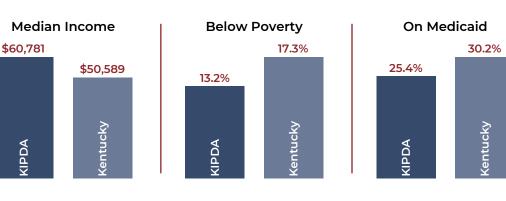


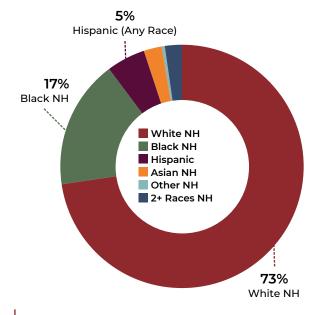
51%

23%

15% over 64 5% uninsured

Race and Ethnicity





People Lacking Access

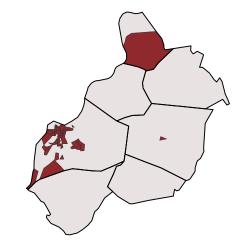


20% to healthy foods

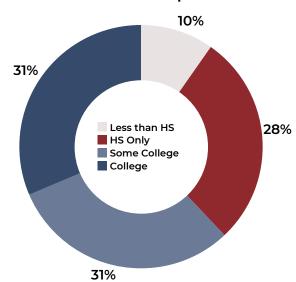


10% to internet devices

Areas Lacking Access to Healthy Foods



Education Completed



Healthcare System



14 Hospitals

5 Rural Health Clinics

16 Federally-Qualified Health Centers

O Geographic Health Professional Shortage Areas

Cancer Risk Factors





69% unhealthy weight



inactive



unhealthy drinkina

Screening Rates & Late-Stage Diagnosis



76%

late stage

4th of 15 ADDs

screen 1st of 15 ADDs

23%

81% breast screen

3rd of 15 ADDs

late stage 3rd of 15 ADDs



43% late stage 7th of 15 ADDs



Pap screen

3rd of 15 ADDs

35% late stage 2nd of 15 ADDs

Top 5 Mortality Rates

Top 5 Incidence Rates

of 15 ADDs Rate/100k

137.3

122.9

80.3

28.2

24.9

13th

15th

3rd

8th

5th

Cancer Site

Prostate

Melanoma

Endometrium

Female Breast

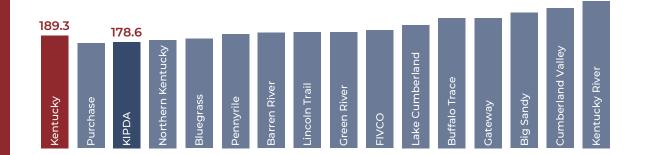
Lung & Bronchus

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	2nd	54.9
Female Breast	10th	21.2
Prostate	3rd	18.0
Colon & Rectum	2nd	14.9
Pancreas	11th	12.0

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

COUNTIES **Bullitt** Henry Jefferson Oldham Shelby Spencer

Trimble

2022 EDITION

Population 208,686

Annual New Cancer Cases 1,447

Social Determinants of Health

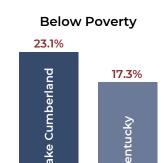


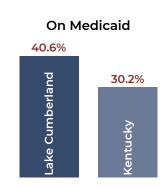
22% | 19% |

7%

Median Income







People Lacking Access



to healthy foods

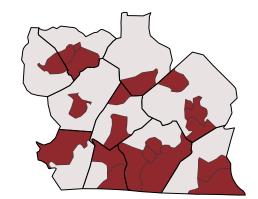


38% to parks and gyms

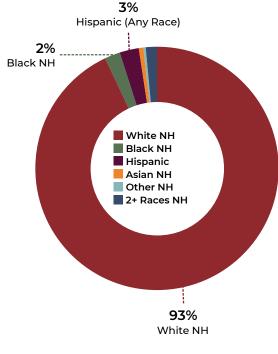


to internet devices

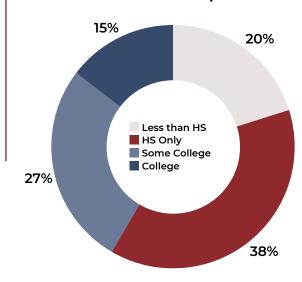
Areas Lacking Access to Healthy Foods



Race and Ethnicity



Education Completed



Healthcare System



- 9 Hospitals
- **32** Rural Health Clinics
- 51 Federally-Qualified Health Centers
- 4 Geographic Health Professional Shortage Areas

Cancer Risk Factors





71% unhealthy weight



physically inactive



10% unhealthy drinkina

Screening Rates & Late-Stage Diagnosis



13% lung screen

79% late stage 13th of 15 ADDs



69% breast screen

15th of 15 ADDs

26% late stage



55% colorectal screen

15th of 15 ADDs

44% late stage 12th of 15 ADDs



Pap screen

13th of 15 ADDs

58% late stage 14th of 15 ADDs

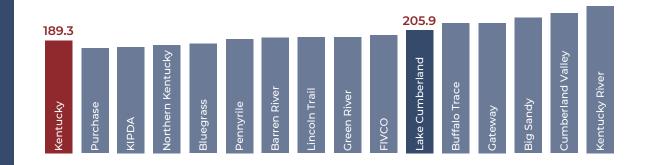


6th of 15 ADDs

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	7th	115.2
Prostate	5th	95.2
Lung & Bronchus	9th	94.6
Melanoma	9th	28.6
Endometrium	6th	27.7

Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	10th	70.8
Female Breast	8th	21.1
Colon & Rectum	12th	19.7
Prostate	4th	18.1
Pancreas	lst	9.1

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

COUNTIES

Adair

Casey Clinton Cumberland Green McCreary Pulaski Russell Taylor Wayne



LINCOLN TRAIL AREA DEVELOPMENT DISTRICT (ADD)

Population 274,253

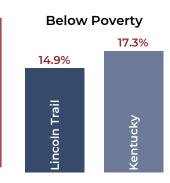
Annual New Cancer Cases 1,680

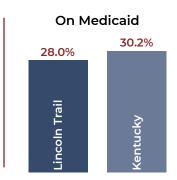
Social Determinants of Health



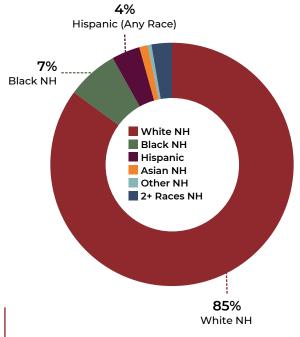
50% | 24% | 15% |

Median Income \$52,144 \$50,589 Lincoln Trail **Sentucky**





Race and Ethnicity



People Lacking Access



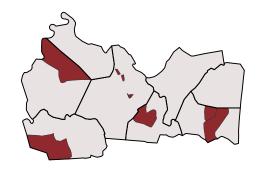
to healthy foods



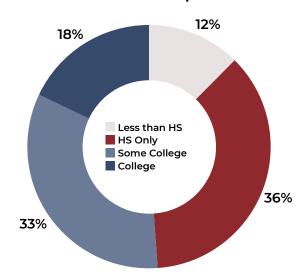
2022 EDITION

to parks and gyms

Areas Lacking Access to Healthy Foods



Education Completed



to internet devices

Healthcare System



7 Hospitals

18 Rural Health Clinics

44 Federally-Qualified Health Centers

1 Geographic Health Professional Shortage Areas

Cancer Risk Factors





75% unhealthy weight



physically inactive



15% unhealthy drinkina

Screening Rates & Late-Stage Diagnosis

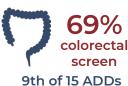


77% late stage 8th of 15 ADDs



74% screen 10th of 15 ADDs

30% late stage 13th of 15 ADDs



39% late stage 3rd of 15 ADDs



81% Pap screen

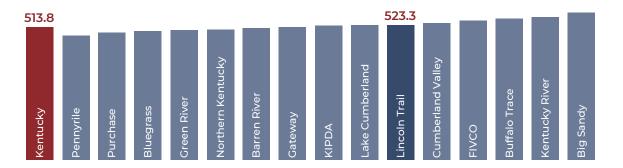
5th of 15 ADDs

41% late stage 5th of 15 ADDs

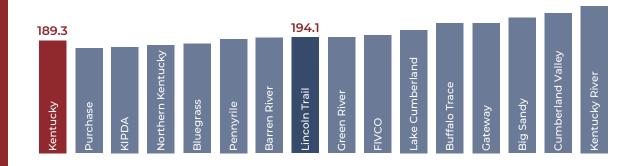
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	6th	114.7
Prostate	13th	107.6
Lung & Bronchus	7th	91.5
Melanoma	11th	28.9
Endometrium	7th	28.2

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	9th	66.1
Female Breast	11th	21.9
Prostate	11th	20.2
Colon & Rectum	10th	18.2
Pancreas	7th	11.1

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

8 COUNTIES

Breckenridge Grayson Hardin LaRue Marion Meade Nelson Washington

2022 EDITION

Population 459,076

Annual New Cancer Cases 2,577

Social Determinants of Health

21.7%



\$65,818

Median Income

50% | 24% | 14% | 5%

Below Poverty

11.6%

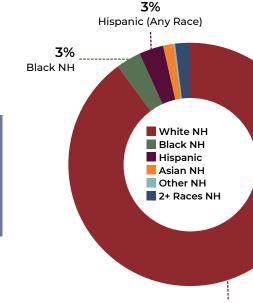
17.3%

On Medicaid

30.2%

Kentucky

Race and Ethnicity





\$50.589



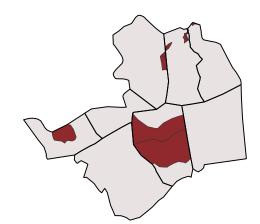
to healthy foods

16% to parks and gyms



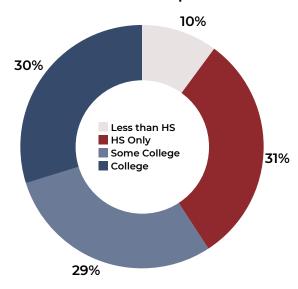
to internet devices

Areas Lacking Access to Healthy Foods



Education Completed

90% White NH



Healthcare System



9 Hospitals

2 Rural Health Clinics

10 Federally-Qualified Health Centers

1 Geographic Health Professional Shortage Areas

Owen Pendelton

Cancer-related Outcomes

Cancer Risk Factors





70% unhealthy weight



48% physically inactive



20% unhealthy drinking

Screening Rates & Late-Stage Diagnosis



12% lung screen

10th of 15 ADDs

76% late stage 5th of 15 ADDs



75% breast screen

7th of 15 ADDs

26% late stage 7th of 15 ADDs



72% colorectal screen

5th of 15 ADDs

45% late stage 13th of 15 ADDs



75% Pap screen

10th of 15 ADDs

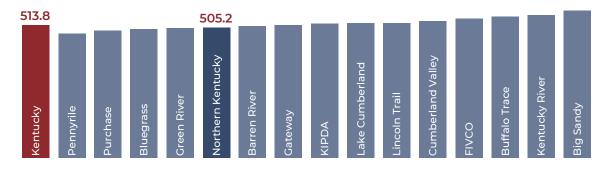
35% late stage

3rd of 15 ADDs

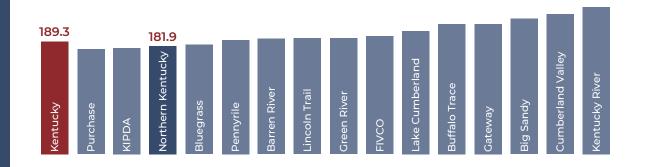
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	12th	132.8
Prostate	4th	94.6
Lung & Bronchus	4th	85.1
Endometrium	9th	30.0
Melanoma	12th	29.1

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	3rd	56.6
Female Breast	7th	21.1
Prostate	13th	21.0
Colon & Rectum	6th	16.0
Pancreas	6th	10.8

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources



PENNYRILE AREA DEVELOPMENT DISTRICT (ADD)

Population 213,669

Annual New Cancer Cases 1,267

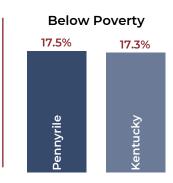
Social Determinants of Health

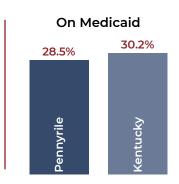


49% | 24% | 17% |

8%







People Lacking Access



to healthy foods

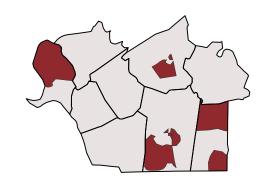


2022 EDITION

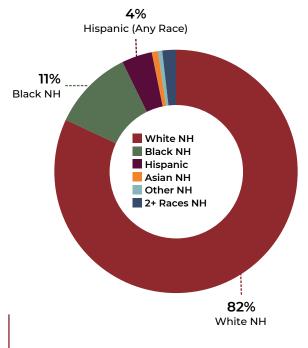
to parks and gyms



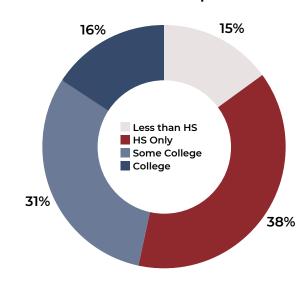
Areas Lacking Access to Healthy Foods



Race and Ethnicity



Education Completed



Healthcare System



- 11 Hospitals
- **33** Rural Health Clinics
- 9 Federally-Qualified Health Centers
- 2 Geographic Health Professional Shortage Areas

Cancer Risk Factors





71% unhealthy weight



60% physically inactive



14% unhealthy drinking

Screening Rates & Late-Stage Diagnosis



8% lung screen

13th of 15 ADDs

79% late stage 11th of 15 ADDs



80% breast screen

4th of 15 ADDs

28% late stage
11th of 15 ADDs



70% colorectal screen

8th of 15 ADDs

39% late stage 2nd of 15 ADDs



86% Pap screen

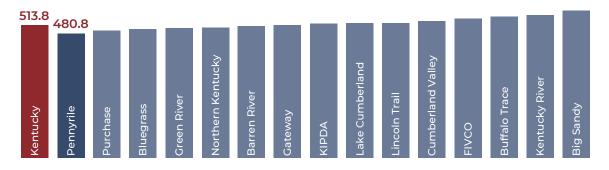
2nd of 15 ADDs

46% late stage 10th of 15 ADDs

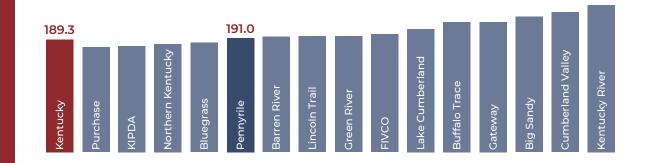
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	2nd	112.7
Prostate	9th	99.2
Lung & Bronchus	5th	85.9
Melanoma	lst	23.1
Urinary Bladder	8th	22.5

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	5th	61.0
Female Breast	2nd	18.1
Colon & Rectum	5th	15.8
Prostate	lst	15.6
Pancreas	4th	10.5

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

visit www.KYCancerNeeds.org for more resources

9 COUNTIES

Caldwell

Christian Crittenden Hopkins Livinston Lyon Muhlenberg Todd Trigg



AREA DEVELOPMENT DISTRICT (ADD) PURCHAS

Population 196,001

2022 EDITION

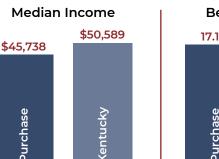
Annual New Cancer Cases 1,293

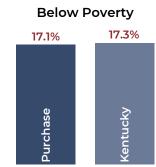
Social Determinants of Health

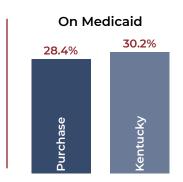


21%

19%







People Lacking Access

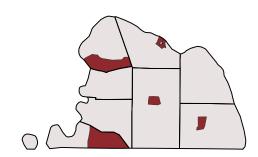


to healthy foods

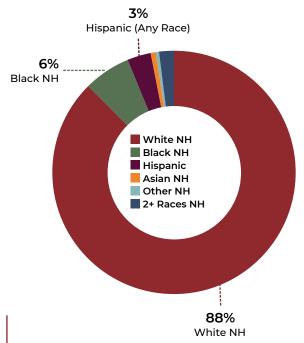




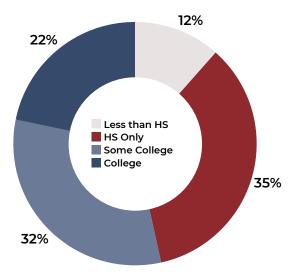
Areas Lacking Access to Healthy Foods



Race and Ethnicity



Education Completed



Healthcare System



6 Hospitals

9 Rural Health Clinics

6 Federally-Qualified Health Centers

1 Geographic Health Professional Shortage Areas

Cancer Risk Factors





68% unhealthy weight



physically inactive



15% unhealthy drinkina

Screening Rates & Late-Stage Diagnosis



21% luna screen 3rd of 15 ADDs

78% late stage 10th of 15 ADDs

84% breast screen 1st of 15 ADDs

23%

late stage 2nd of 15 ADDs

78% colorectal screen

1st of 15 ADDs

36% late stage 1st of 15 ADDs

86% Pap screen

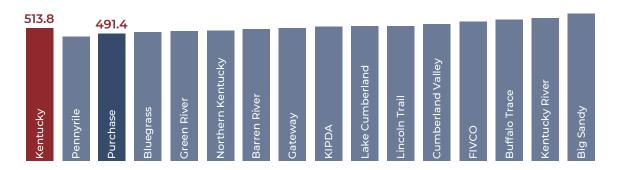
1st of 15 ADDs

38% late stage 4th of 15 ADDs

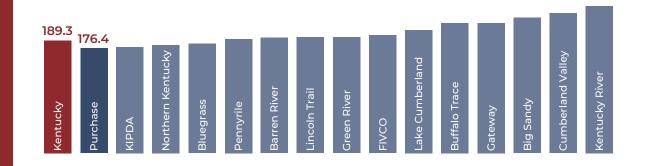
Top 5 Incidence Rates

Cancer Site	of 15 ADDs	Rate/100k
Female Breast	10th	126.3
Prostate	12th	104.2
Lung & Bronchus	2nd	78.5
Melanoma	14th	33.6
Urinary Bladder	10th	23.9

All Cancer Site Incidence (US rate: 438.3)



All Cancer Site Mortality (US rate: 147.5)



Top 5 Mortality Rates

Cancer Site	of 15 ADDs	Rate/100k
Lung & Bronchus	lst	54.7
Prostate	5th	18.1
Female Breast	lst	16.2
Colon & Rectum	lst	13.2
Pancreas	12th	12.7

Rates are age adjusted per 100k residents

For ranking "of 15 ADDs": 1st indicates best, 15th indicates worst

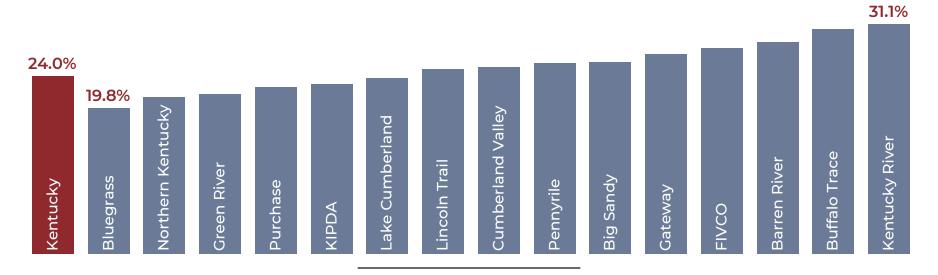
visit www.KYCancerNeeds.org for more resources

8 COUNTIES Ballard

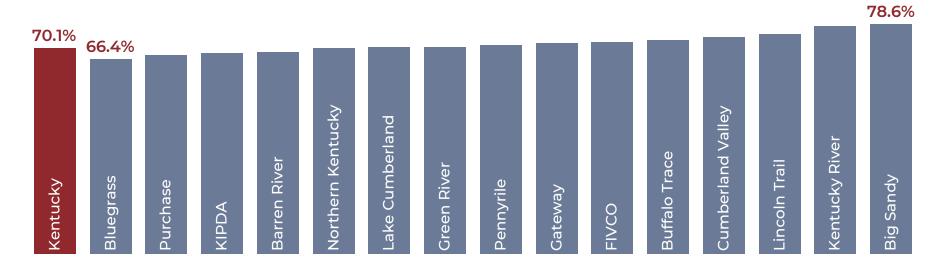
Calloway Carlisle Fulton Graves Hickman Marshall McCracken

BEHAVIORAL RISK FACTOR COMPARISONS

Currently Smoke Comparison (US rate: 15.3%)

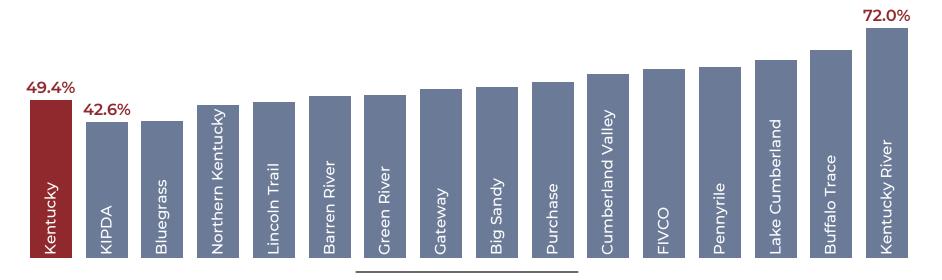


Unhealthy Weight Comparison (US rate: 66.2%)

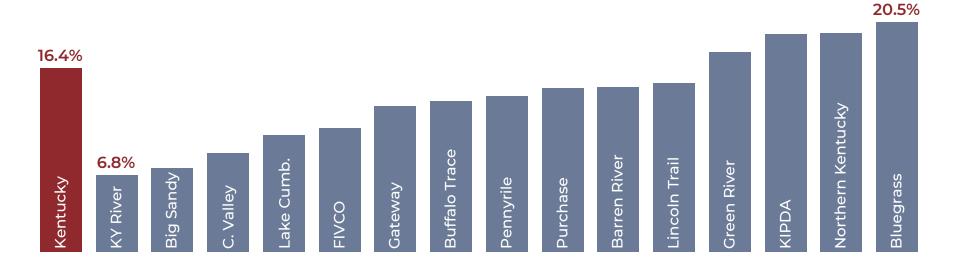


BEHAVIORAL RISK FACTOR COMPARISONS

Physically Inactive Comparison (US rate: 29.5%)



Unhealthy Drinking Comparison (US rate: 18.1%)



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