

# Data Sources for Cancer and other Chronic Health Diseases

Updated March 2016

## **1. Kentucky Cancer Registry** <http://www.kcr.uky.edu/>

- Types of data which can be accessed:
  - Cancer Incidence rates (new cases)
  - Cancer Mortality rates (death cases)
- Numerous cancer sites (ex. Colon and rectum)
- Different county and ADD-level data can be accessed
- Contact Information: Specific information will have to be requested through the Registry staff-
  - Jaclyn Nee, Epidemiologist at [jnee@kcr.uky.edu](mailto:jnee@kcr.uky.edu)

## **2. Kentucky Public Health Data Resource Guide 2015** <http://tinyurl.com/hg5oqvm>

- Provides a guide to a variety of statewide health surveys as well as other Kentucky-specific surveillance systems and registries
- The information provided on each source includes the types of data collected as well as the strengths and limitations of each data source
- Individual Chapters include:
  - Behavioral Risk Factor Surveillance System (BRFSS)
  - Kentucky Cancer Registry (KCR)
  - Kentucky Women's Cancer Screening Program (KWCSF)

## **3. Kentucky Behavioral Risk Factor Surveillance System or KY BRFSS**

<http://chfs.ky.gov/dph/info/dpqi/cd/brfss.htm>

- Types of data which can be accessed:
  - Past Annual Reports with data related to a wide array of chronic health issues
  - Contact Information: Dr. Sarojini Kanotra at the Kentucky Department for Public Health at [Sarojini.kanotra@ky.gov](mailto:Sarojini.kanotra@ky.gov) or by phone at 502-564-7996

## **4. CDC: Behavioral Risk Factor Surveillance System** <http://www.cdc.gov/brfss/>

- BRFSS is a unique, state-based surveillance system active in all 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and Guam. Information on health risk behaviors, clinical preventive health practices, and health care access, primarily related to chronic disease and injury, is obtained from a representative sample of non-institutionalized adults, 18 years and older, in each state. The BRFSS provides flexible, timely, and ongoing data collection that allows for state-to-state and state-to-nation comparisons. State-specific data, including racial-and ethnic-specific data from the BRFSS, provide a sound basis for developing and evaluating public health programs, including programs targeted to reduce racial and ethnic disparities in health risks. The BRFSS is the largest telephone-based surveillance system in the world, with more than 430,000 interviews completed each year.
- Data provided on numerous health issues
- Data which can be accessed for Kentucky related to colon cancer screening:
  - Adults aged 50+ who have had a blood stool test in the last two years
  - Adults aged 50+ who have ever had a sigmoidoscopy or colonoscopy
  - Chronic Disease Indicators (including cancer) comparing the U.S. and Kentucky

## **5. Kentucky Women's Cancer Screening Program** <http://chfs.ky.gov/dph/info/dwh/cancerscreening.htm>

- Administered through the Kentucky Department for Public Health

- This program provides free/low cost mammography based on the following eligibility: age (40-64 years old), income eligibility, and uninsured status; Exceptions are made in if there is a family history
- Low-cost annual Pap tests are provided to uninsured women at or below 250 percent of the poverty level beginning three years after the onset of sexual activity or no later than 21 years of age
- The Annual Report on the Status of Breast and Cervical Cancer in the Commonwealth for Fiscal Year 20 is provided; This report provides a comprehensive overview of the program with data and legislative background history

#### 6. **Foundation for a Healthy Kentucky** <http://www.kentuckyhealthfacts.org/>

- Data is gathered from multiple sources into a user-friendly format; Sources of data include Kentucky BRFSS, U.S. Census Bureau, etc.
- Information about county or ADDs may be accessed
- Data by topics:
  - Demographics: Total population, Income, High School Graduation rates
  - Social & Behavioral Indicators: Prevalence of overweight & obesity, smoking, fruit & vegetable intake
  - Health Outcomes: Premature deaths, total mortality, physically and mental unhealthy days (per month)
  - Access to Care:
    - Health Care Providers and Facilities: health care providers per 1,000 population; health care providers available; Hospital Capacity; Inpatient payer mix
    - Insurance and Health Care Coverage: Uninsured population (under 65); Medicaid enrollment; Health Plan enrollment
  - Maternal and Child Health
  - Children and Youth
  - Senior Health

#### 7. **Kentucky State Data Center** <http://www.ksdc.louisville.edu/>

- Administered by the University of Louisville, Urban and Public Affairs
- Includes data on:
  - Kentucky population
  - 2010 Census- Kentucky vs. County comparisons
  - Projections for 2020
  - Economy/Business
  - Education: related to graduation rates
  - Employment
  - Housing
  - Income and Poverty
  - Maps
  - Vital Statistics
  - Kentucky Kids Count
- From this website, there are links to various other data sources.

#### 8. **Healthy People 2020**

<http://www.healthypeople.gov/2020/topicsobjectives2020/objectiveslist.aspx?topicId=5>

- Is a 10 year national objectives plan for improving the health of all Americans
- Type of data which can be accessed (national):

- Numerous health issues including cancer
- National baseline and target goals are provided

**9. Healthy Kentucky 2020** - <http://chfs.ky.gov/nr/rdonlyres/20bb6896-a602-426b-9f5f-e6230a9caac4/0/healthykentuckians2020final62013.pdf>

- Kentucky has a 10 year objectives plan for improving the health of all Kentuckians
- Types of data which can be accessed:
  - Numerous health issues including cancer
  - Kentucky baseline and target goals are provided

**10. Colon Cancer Advisory Committee Annual Report** <http://chfs.ky.gov/dph/ColonCancer.htm>

- Types of data which can be accessed:
  - Past Annual Reports summarize Kentucky data related to colon cancer; also compares Kentucky to the nation
  - Screening data, Mortality data, Disparity data
- The data for this report is written by the Kentucky Cancer Registry and the Kentucky Cancer Consortium.
- Contact Information: Janet Luttrell - Kentucky Dept. for Public Health, (502) 564-7996  
[janet.luttrell@ky.gov](mailto:janet.luttrell@ky.gov)

**11. State Cancer Profiles** <http://statecancerprofiles.cancer.gov/>

- Death Rate/Trends compared to the US Rate
- Death Rate/Trends compared to Kentucky counties
- Historical Trends Map with Race
- Screening & Risk Factors
  - Map of the United States
  - “Ever had a Sigmoidoscopy or Colonoscopy” data
  - Demographic data by Kentucky counties
    - Age
    - Race
    - Education
    - Income
    - Poverty
    - Language
    - Mobility
    - Urban/Rural
    - Workforce

**12. CDC: National Program of Cancer Registries** <http://apps.nccd.cdc.gov/uscs/>

- Provides data on:
  - Males, Females, Males & Females
  - Incidence Rates
  - Death Rates
- Types of data which can be accessed:
  - U.S. Cancer Statistics
  - Top 10 Cancers in Kentucky and U.S.
  - State vs. National Comparisons
  - Selected Cancers ranked by State
  - Cancer Types grouped by Race & Ethnicity

- Cancer Types grouped by State & Region & Race/Ethnicity

**13. CDC: State Cancer Facts** <http://apps.nccd.cdc.gov/StateCancerFacts/state.aspx?state=Kentucky>

- Provides a fact sheet on incidence and death rates related to cancer in Kentucky
- Types of data which can be accessed:
  - New cancer cases by gender
  - Cancer deaths by gender
- Also provides a link to a Kentucky fact sheet

**14. U.S. Census: Census Explorer** <http://www.census.gov/censusexplorer/>

- A new interactive mapping tool that gives users easier access to neighborhood level statistics
- Mapping tool uses updated statistics from 2008-2012 American Community Survey (ACS)
  - Allows for mapping of social, economic, and housing characteristics of state, county, or census tract
    - Total population
    - Percent 65 and older
    - Foreign-born population percentage
    - Percent of the population with a high school degree or higher
    - Percent with a bachelor's degree or higher
    - Labor force participation
    - Home ownership rate
    - Median household income
  - Allows to map changes from 1990 to 2000

**15. U.S. Census Bureau: Small Area Health Insurance Estimates**  
<http://www.census.gov/did/www/sahie/data/maps/index.html?reload>

- Types of data which can be accessed:
  - Percent insured vs. uninsured
    - Age
    - Sex
    - Race/ethnicity
    - Income

**16. County Health Rankings** <http://www.countyhealthrankings.org/kentucky/overall-rankings>

- Types of data which can be accessed for Kentucky and KY counties:
  - Health outcomes
  - Health behaviors
  - Clinical care
  - Social and economic environment
  - Physical environment
  - Demographics
  - Health Factors Ranking
- Suggests policies and programs per KY county to address issues
  - Provides a 2011 KY Summary Report

**16. CDC: Vital Signs** <http://www.cdc.gov/VitalSigns/Issues.html>

- Focuses each month on a single, important public health issue (including cancer and numerous other chronic diseases)
- Includes on monthly topics: Morbidity and Mortality Weekly Reports (MMWR); a professional fact sheet; media releases; and a series of announcements via social media tools

#### **17. State Dashboard: Agency for Healthcare Research and Quality**

[http://nhqrnet.ahrq.gov/inhqrdr/Kentucky/benchmark/summary/All\\_Measures/All\\_Topics](http://nhqrnet.ahrq.gov/inhqrdr/Kentucky/benchmark/summary/All_Measures/All_Topics)

- Sections include:
  - State Dashboard
  - Overall Health Care Quality
  - Strongest & Weakest Measures
    - Strongest: Hospice referrals- timely hospice referrals
    - Weakest: Lung cancer deaths; All cancer deaths
  - Types of Care (includes preventative)
  - Settings of Care
  - Care by Clinical Area (includes cancer care)
  - Healthy People 2020
  - Clinical Preventative Services
  - Disparities (Note: no information on KY racial groups- “information not available” but does include low income)
  - State Rankings for Selected Measures
    - Breast Cancer Deaths
    - Colorectal Cancer Deaths
    - Patient experience with care/communication with provider
  - Contextual Factors
    - Demographics: % by Race, poverty, Medicaid, Without a college degree, etc.
  - Also offers a “Snapshot” print version

#### **18. America’s Health Rankings <http://www.americashealthrankings.org/>**

- Administered by the United Health Foundation
- Provides detailed information on:
  - America’s Health overall
  - Obesity
  - Smoking
  - Diabetes
- Also issued a report (located under the tab “Reports and Commentaries”- 2011 America’s Health Rankings in which the CDC and Public Health Service provided commentaries

#### **19. Bureau of Labor Statistics <http://www.bls.gov/home.htm>**

- Administered by the U.S. Department of Labor (this website is somewhat difficult to navigate)
- Includes information on:
  - Inflation and Wages
  - Consumer Price Index
  - Wages by Area and Occupation
  - County Wages
  - Unemployment & Employment
- May 2014 State Occupational Employment and Wage Estimates: <http://www.bls.gov/oes/current/oesrcst.htm>

**20. Kentucky Legislature- Legislative Searching Service** <http://www.lrc.ky.gov/search.htm>

- Provides state legislation information
- Provides a cross state comparison of legislation
- Facilitates use of all 50 public domain state legislative databases- state legislation, state statutes, and other information
- Kentucky Legislature website: <http://www.lrc.ky.gov/>
  - Find out who your legislator is
  - Members of the Legislature
  - Legislation and Legislative Record- to find out status of bills

**21. Kentucky Health-Related Policies- Legislative Search Service provided by Kentucky Voices for Health**  
<http://www.kyvoicesforhealth.org/2011KYGeneralAssembly.html>

- Provides information on health-related legislation as it relates to the KY General Assembly
- Provides the status of a bill, the official summary and full text of legislation

**22. Centers for Disease Prevention and Control: High School Youth Risk Behavioral Survey 2015 Data**  
<http://www.cdc.gov/healthyyouth/data/yrbs/index.htm>

- Monitors six types of health-risk behaviors that contribute to the leading causes of death and disability among youth and adults including:
  - Tobacco use
  - Alcohol and other drug use
  - Sexual behaviors
  - Inadequate physical activity
  - Unhealthy dietary behaviors
  - Behaviors that contribute to unintentional injuries and violence
- Information provided by race/ethnicity and grade
- For High School YRBS Kentucky 2013 and United States 2013 Results (Chart comparing KY to US):  
<http://tinyurl.com/gqyosvf>
- Kentucky Specific Page : [http://www.cdc.gov/healthyyouth/partners/funded\\_states.htm#ky](http://www.cdc.gov/healthyyouth/partners/funded_states.htm#ky)
  - Provides fact sheets regarding obesity; HIV/STD/Teen Pregnancy; Tobacco Use, Chronic Disease, and Selected Topics
  - School Health Policies
  - School Health Policies and Practices Study
  - Programs in Action

**23. Sortable States 2.0; Sortable Risk Factors and Health Indicators: Centers for Disease Control and Prevention**  
<http://wwwn.cdc.gov/sortablestats/>

- Provides easy to access extensive public health data on a state/region
- Compares states/regions to the nation
- 31 behavioral risk factors and health indicators included
- Sort indicator data by demographic categories (e.g., race, gender, age) and historical trends
- View data in graphs, tables, and maps
- Easily export data to Excel spreadsheets, Powerpoint, or for use in other materials

**24. American's Health Rankings** <http://americashealthrankings.org/>

- Data is provided from BRFSS, a telephone survey and 7 measures in the overall index to provide estimates of behaviors in a state's population

- Measures include:
  - Preventable hospitalizations
  - Premature Death
  - Cancer Deaths
  - High School Graduation Rate
  - Children in poverty
  - Lack of Health insurance
- America's Health Rankings, 2015 Edition, KY is on page 99:  
[http://cdnfiles.americashealthrankings.org/SiteFiles/Reports/2015AHR\\_Annual-v1.pdf](http://cdnfiles.americashealthrankings.org/SiteFiles/Reports/2015AHR_Annual-v1.pdf)

#### **25. Kentucky County Level Data: University of Kentucky, College of Agriculture**

<http://www2.ca.uky.edu/cedik/CountyDataProfiles>

- Provides information on all 120 counties on the following topics:
  - Agriculture and Food
  - Economic
  - Healthcare

#### **26. The Office of Minority Health, U.S. Dept of Health and Human Services.**

<http://www.minorityhealth.hhs.gov/templates/opac.aspx>

- Includes information on:
  - Funding
  - Data/Statistics
  - Cultural Competency
  - Health Topics
  - Minority Populations

#### **27. National Center for Health Statistics Data Online Query System (NCHS DOQS)**

<http://www.cdc.gov/nchs/doqs/index.htm>

- Includes one dataset focused on Emergency Room Visits
- Does not require statistical knowledge or statistical software to run
- Can develop charts
- Variables of interest include: Geographic region, primary diagnosis (neoplasms included), age, sex, race/ethnicity, primary source of payment

#### **28. Health Insurance Estimates: 2013 Small Area Health Insurance Estimates (SAHIE)**

<http://www.census.gov/did/www/sahie/>

Provides information on health insurance estimates for all the counties in the nation. Estimates people with and without health insurance by:

- Ages 0-64, 18-64, 40-64, and 50-64
- Female, male, and both sexes
- All incomes and income-to-poverty ratios (IPR) 0-138, 0-200, 0-250, 0-400, and 138-400 percent of the poverty threshold
- **For states only:** White not Hispanic, Black not Hispanic, and Hispanic (any race)
- Measures of uncertainty are also provided
- In addition, estimates for age category 0-18 by the six income categories listed above are produced.