



## Cancer Data

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The [Virginia Cancer Plan](#) provides a roadmap to help Virginia residents address the burden of cancer by providing data, guidance, information, and links to resources for all Virginians. The objectives of the plan are based on an evaluation of cancer incidence, mortality, and burden in Virginia.

Accurate and timely data are necessary to guide our efforts in cancer control and prevention in Virginia. Below are data sources that coalition members can use to understand the impact of cancer in their community.

*Note: It is important to note that cancer incidence and mortality data is about three (3) years behind. Incidence data is collected at the state level by cancer registries housed at a state's health department or leading academic institution. The data is submitted annually each November to the NIH National Cancer Institute (NCI). This submission includes all years of data collected, including the most recent calendar year. Updated data is then released publicly the following spring by the NCI's Surveillance, Epidemiology, and End Results ([SEER](#)) program (usually around May). This dataset is what is used to populate publicly available data from NCI, CDC, and local states.*

## Cancer Data Sources

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### Virginia Department of Health (VDH) Cancer Dashboards

Link: [VDH Cancer Dashboards](#)

The Virginia Cancer Dashboards are a collection of individual dashboards providing cancer data by locality, health district, sex, race, and cancer site. The dashboards demonstrate the burden of cancer incidence and mortality in Virginia. Currently, there are 4 available dashboards providing cancer data in Virginia. This includes “Cancer Incidence and Mortality”, “Top Cancers”, “Cancer Incidence and Mortality over 10 years,” and “Cancer Staging”.

## **Centers for Disease Control & Prevention (CDC) U.S. Cancer Statistics Data Visualization Tool**

Link: [CDC's United States Cancer Statistics Data Visualization Tool](#)

The US Data Visualization Tool provides the most recent cancer data nationally and by geography. Additional data provided includes cancer trends, prevalence, stage/survival, screening and risk factors, and special analysis.

## **NIH National Cancer Institute (NCI) State Cancer Profiles**

Link: [NCI State Cancer Profiles](#)

The State Cancer Profiles provide a dynamic view of cancer statistics by state displayed in table and map format. The data includes incidence and mortality, screening and risk factors, and demographics. It also includes limited data on childhood cancer.

## **Centers for Disease Control & Prevention (CDC) Behavioral Risk Factor Surveillance System (BRFSS)**

Link: [BRFSS](#)

The Behavioral Risk Factor Surveillance System (BRFSS) is the nation's premier system of health-related telephone surveys that collect state data about U.S. residents regarding their health-related risk behaviors, chronic health conditions, and use of preventive services. BRFSS completes more than 400,000 adult interviews each year, making it the largest continuously conducted health survey system in the world. BRFSS data visualization tool allows you to pull data at the state level for several cancer related behaviors.

*Note: Virginia participated in the optional BRFSS cancer survivor module in 2020 and 2022. This data is available by request through VDH's Comprehensive Cancer Control Program.*

## **American Cancer Society (ACS) Cancer Facts & Figures**

Link: [Facts and Figures](#)

American Cancer Society (ACS) Cancer Facts & Figures is an educational companion for Cancer Statistics, a scientific paper published in the American Cancer Society journal, *CA: A Cancer Journal for Clinicians*. These annual reports provide:

- Estimated numbers of new cancer cases and deaths by cancer site and US state
- Current cancer incidence, mortality, and survival statistics
- Information on cancer symptoms, risk factors, early detection, and treatment

## **American Association for Cancer Research (AACR) Cancer Disparities Progress Report**

Link: [AACR Cancer Disparities Progress Report](#)

First published in 2020, this trailblazing biennial report raises awareness of the enormous toll that cancer exacts on racial and ethnic minority groups and other medically underserved populations in the United States.

## **Centers for Disease Control & Prevention (CDC) PLACES: Local Data for Better Health**

Link: [CDC Places](#)

CDC PLACES provides health data for small areas across the country. This allows local health departments and jurisdictions, regardless of population size and rurality, to better understand the burden and geographic distribution of health measures in their areas and assist them in planning public health interventions. PLACES provides model-based, population-level analysis and community estimates of health measures to all counties, places (incorporated and census designated places), census tracts, and ZIP Code Tabulation Areas (ZCTAs) across the United States.

## **BlackDoctors.Org (BDO) Cancer Resource Center for Black Americans**

Link: [Cancer Resource Center for Black Americans](#)

BlackDoctors.Org (BDO) is the world's largest and most comprehensive online health resource specifically targeted to people of color. BDO understands that the uniqueness of Black culture - our heritage and our traditions - plays a role in our health. BDO gives you access to innovative new approaches to the health information you need in everyday language so you can break through the disparities, gain control and live your life to its fullest.

## **Cancer In Focus Catchment Areas**

Link: [Cancer In Focus](#)

Cancer in Focus is an amalgamation of various data sources for all NCI-designated clinical and Comprehensive Cancer Centers, and several non-designated cancer centers. Sources available here: [Cancer InFocus - Data Sources](#)

## **Centers for Disease Control & Prevention (CDC) TeenVaxView: Vaccination Coverage Among Adolescents**

Link: [TeenVaxView](#)

CDC TeenVaxView provides national, regional, state, and selected local area teen vaccination coverage data (including HPV) using interactive maps, trend lines, bar charts, tables, and more.

## **ACS National Colorectal Cancer Roundtable (NCCRT) Colorectal Cancer Data Dashboard**

Link: [Colorectal Dashboard](#)

The American Cancer Society National Colorectal Cancer Roundtable's Colorectal Cancer Data Dashboard (CRC Data Dashboard) offers an interactive geospatial view of data pertaining to colorectal cancer in the United States.

## **ACS National Roundtable on Cervical Cancer (NRTCC) Cervical Cancer Data Dashboard**

Link: [Cervical Cancer Dashboard](#)

The American Cancer Society National Roundtable on Cervical Cancer's Cancer Data Dashboard offers an interactive geospatial view of data pertaining to cervical cancer in the United States.

**Questions or To Share Additional Data Resources:** If you have questions or would like to share additional data resources, please contact CACV at [info@cancercoalitionofvirginia.org](mailto:info@cancercoalitionofvirginia.org).