



THE STATE OF CANCER IN FLORIDA



**Florida Cancer Control
& Research Advisory Council**



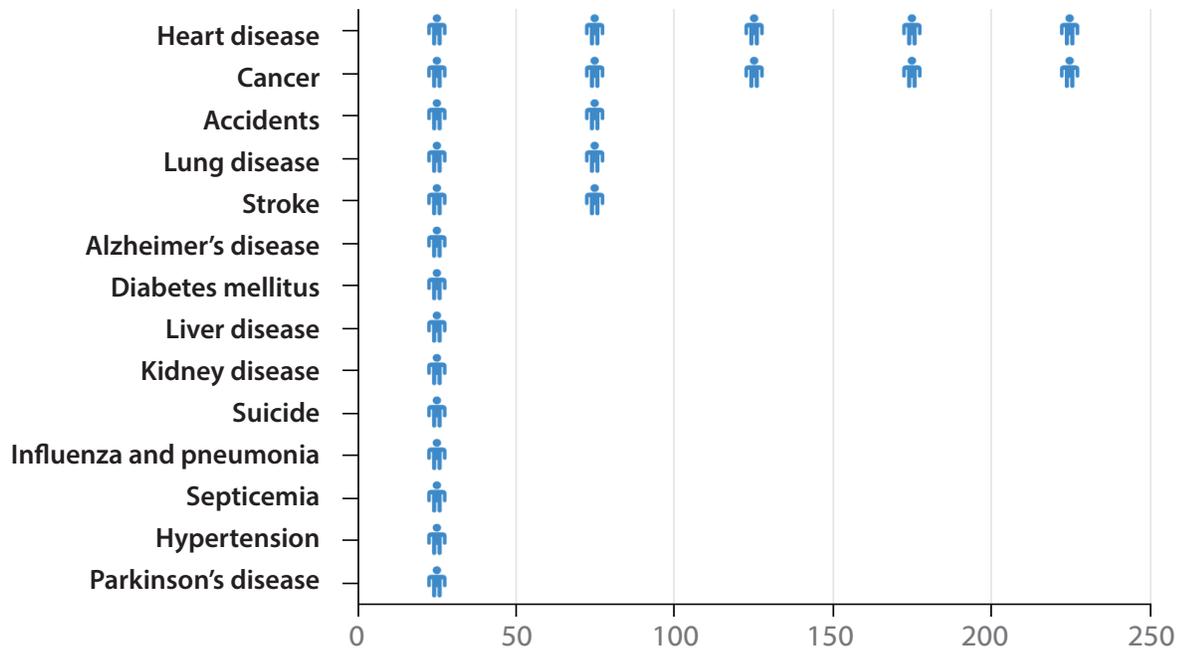
INTRODUCTION

The Florida Cancer Control and Research Advisory Council was created 40 years ago to guide the Florida Legislature, Florida Governor and the Florida Surgeon General on ways to reduce the burden of cancer in the state (Florida Statute 1004.435). The Council consists of cancer thought-leaders working in Florida and serves as a steering body for policy-makers at the state, community, health system, and clinical practice levels. The Council produces the Florida Cancer Plan every five years (<http://ccrab.org/cancer-plan>). The Council also publishes an Annual Report on Cancer in Florida that includes latest data and trends worth noting for data-driven and evidence-based policy decisions (<http://ccrab.org/annual-reports>). Additional information is available by contacting the Council (<http://www.ccrab.org>).

Leading Causes of Death in Florida

Cancer and heart disease are the two leading causes of death in Florida, far higher in incidence than all other causes of death including accidents, chronic lung diseases like emphysema, stroke, Alzheimer's disease, and diabetes mellitus.

Age-adjusted Death Rate per 100,000 Floridians in 2016

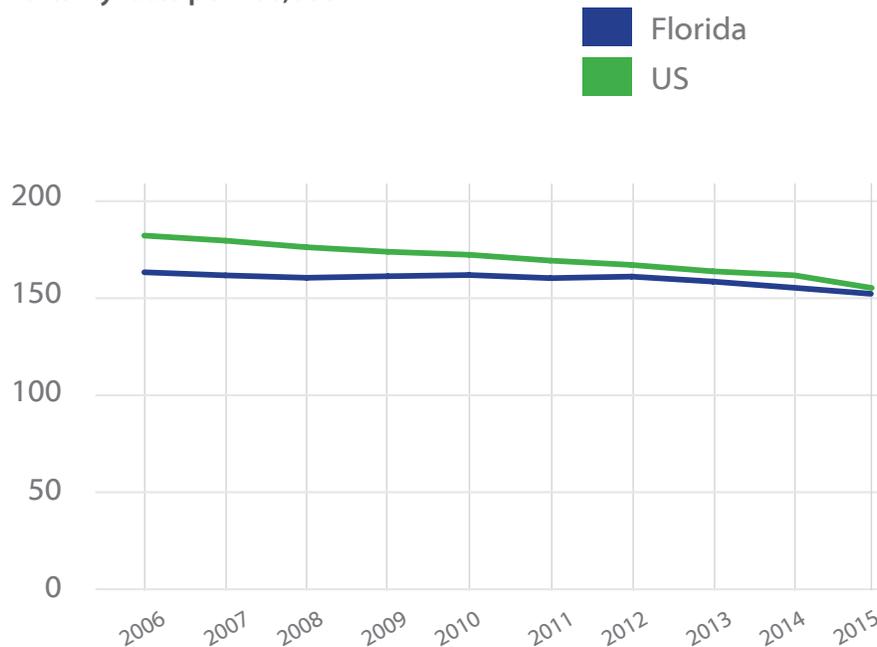


Source: CDC National Vital Statistics System, LCWK9 2015 data. Based on the International Classification of Diseases, Tenth Revision.

Cancer Mortality Rates in Florida vs. US

Deaths from cancer have slowly decreased in Florida over the last 10 years. This decline is also seen nationally. The decline in deaths from cancer are due to many efforts including reduced tobacco use/exposure, increased cancer screening that catches disease in its earliest stages when cure is possible, and improved treatment options.

Age-adjusted cancer mortality rates per 100,000

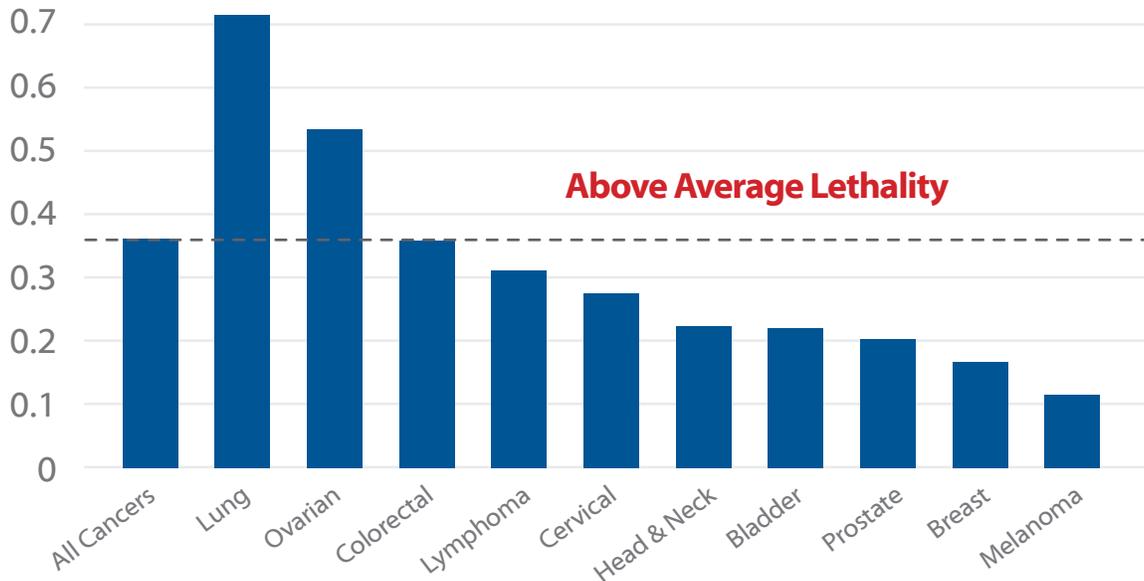


Source: FCDS for Florida data, SEER for US data

Top Lethal Cancers in Florida by Cancer Type

Lung cancer and ovarian cancer are two of the more lethal cancers affecting Floridians. These cancers often present in late-stage when they have already spread to other sites of the body – also called metastatic disease. Treating metastatic cancer is one of the greatest challenges in oncology and newer therapies are urgently needed.

Proportion of patients dying of each cancer

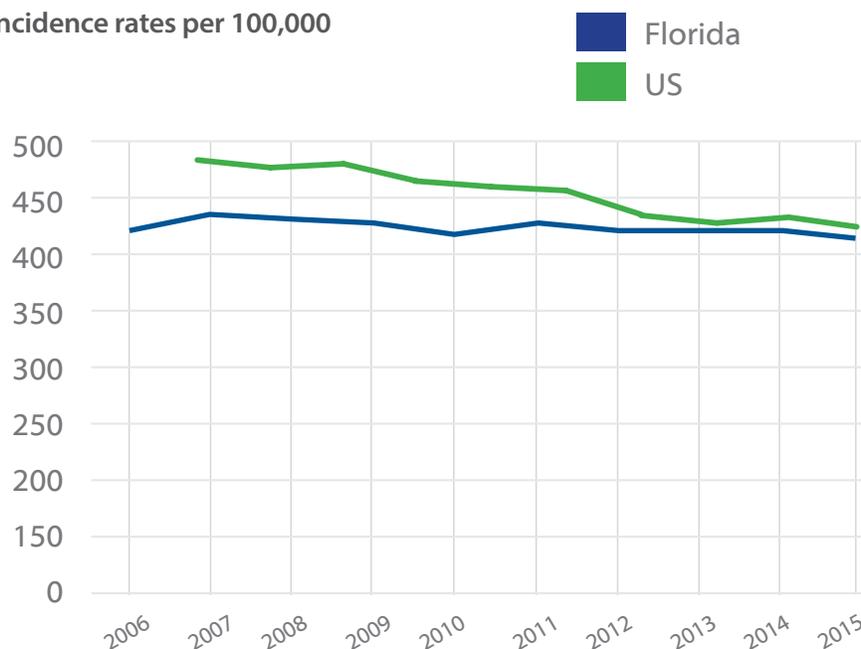


Source: FCDS

Cancer Incidence in Florida vs. US

Newly diagnosed cancers have slowly declined over the last 10 years in Florida. The decline in incidence is due to reduced tobacco use/exposure, fewer individuals undergoing prostate cancer screening, and effective cancer prevention such as tobacco prevention, sunscreen use, and immunization against hepatitis B virus (HBV). Immunizing against human papilloma virus (HPV) is expected to further reduce and possibly eliminate cervical cancer and most head and neck cancers.

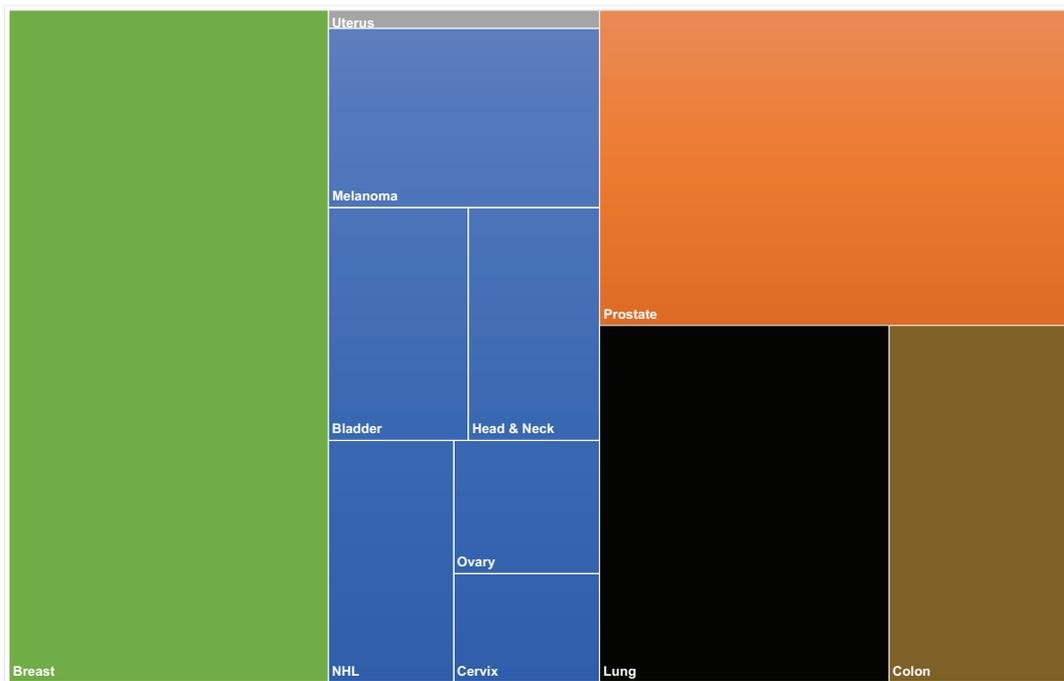
Age-adjusted cancer incidence rates per 100,000



Source: FCDS for Florida data, SEER for US data

Cancer Incidence by Type in Florida

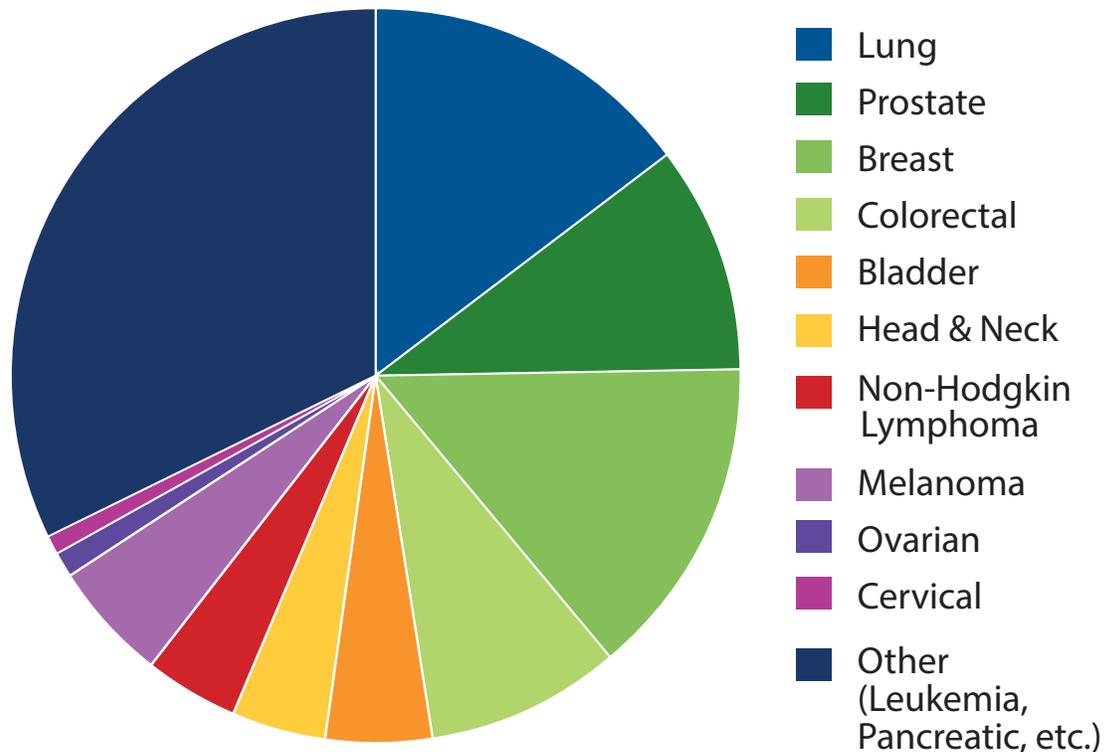
Breast cancer is the most highly incident cancer in Florida based on age-adjusted incidence, followed by prostate cancer, lung cancer, colorectal cancer, and endometrial/uterine cancer.



Source: www.cdc.gov/cancer/dataviz

Cancer Types by Crude Number of Diagnoses

Every year, approximately 110,000 Floridians are diagnosed with cancer. In terms of crude number of cases, lung cancer is the most frequently diagnosed cancer in Florida, followed by breast cancer, prostate cancer, colorectal cancer, and bladder cancer.

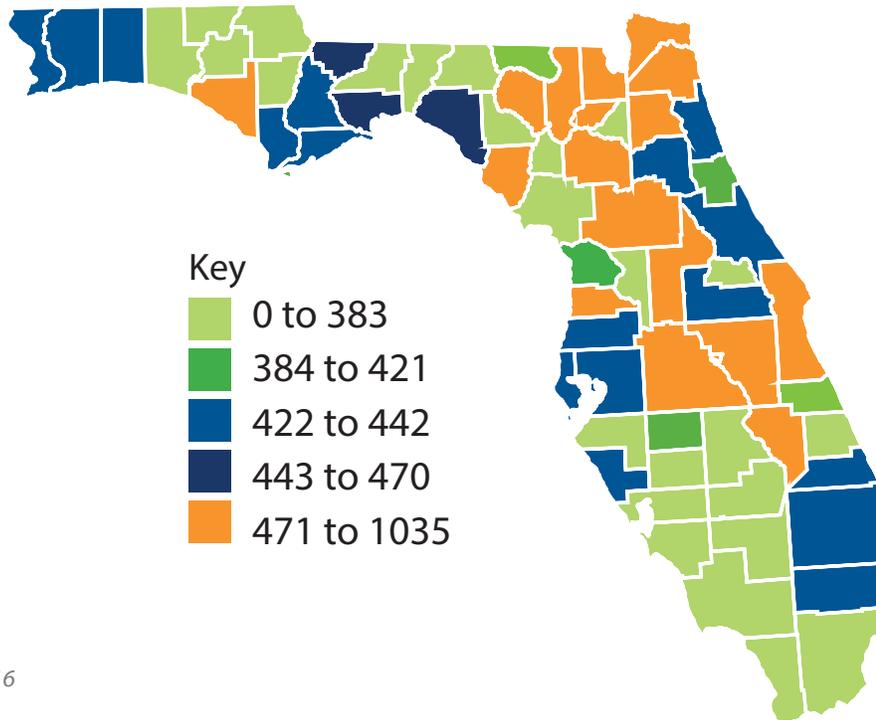


Source: FCDS

Cancer Incidence by Florida County

Age-adjusted cancer incidence is lower in Florida's metropolitan areas. However, Florida counties in the less populated center and Northeast corner of the state have higher levels of newly diagnosed cancers.

Age-adjusted cancer incidence rates per 100,000

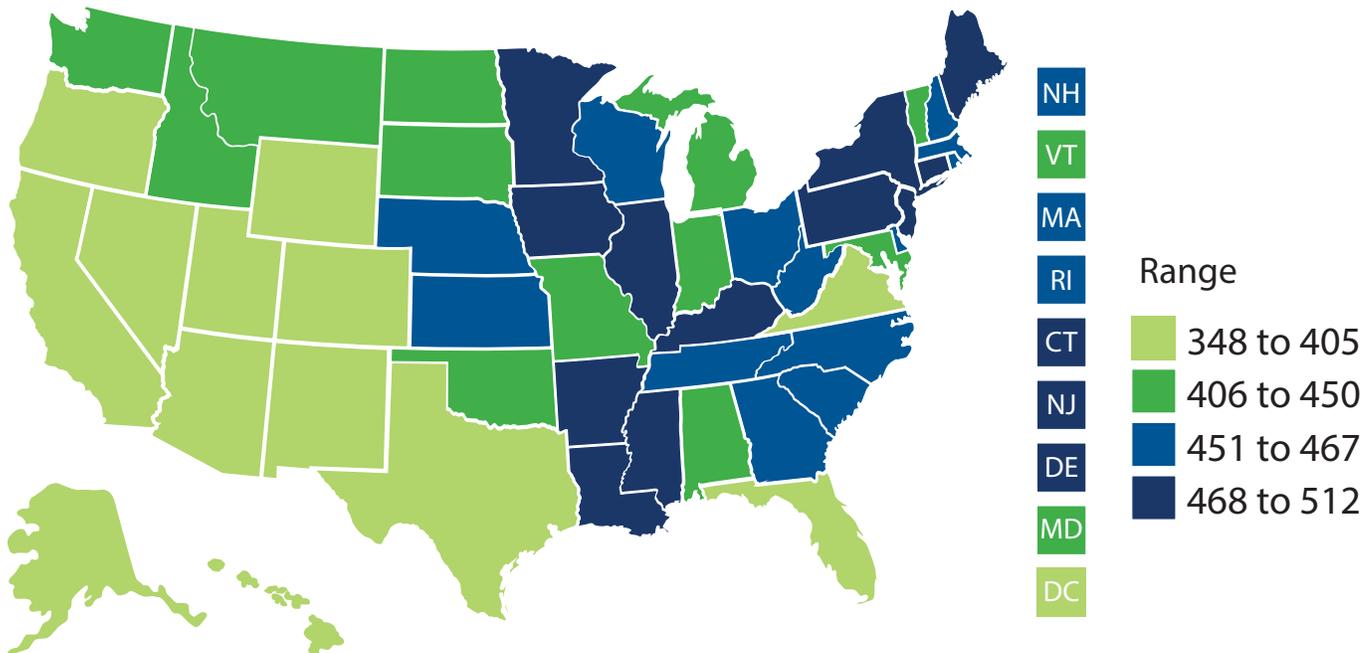


Source: FCDS, 2006-2016

Rate of New Cancers in the United States

Within the US, Florida is in a group of states with lower cancer incidence and stands out among Southern states as having the lowest rate of new cancer diagnoses.

Age-adjusted cancer incidence rates per 100,000

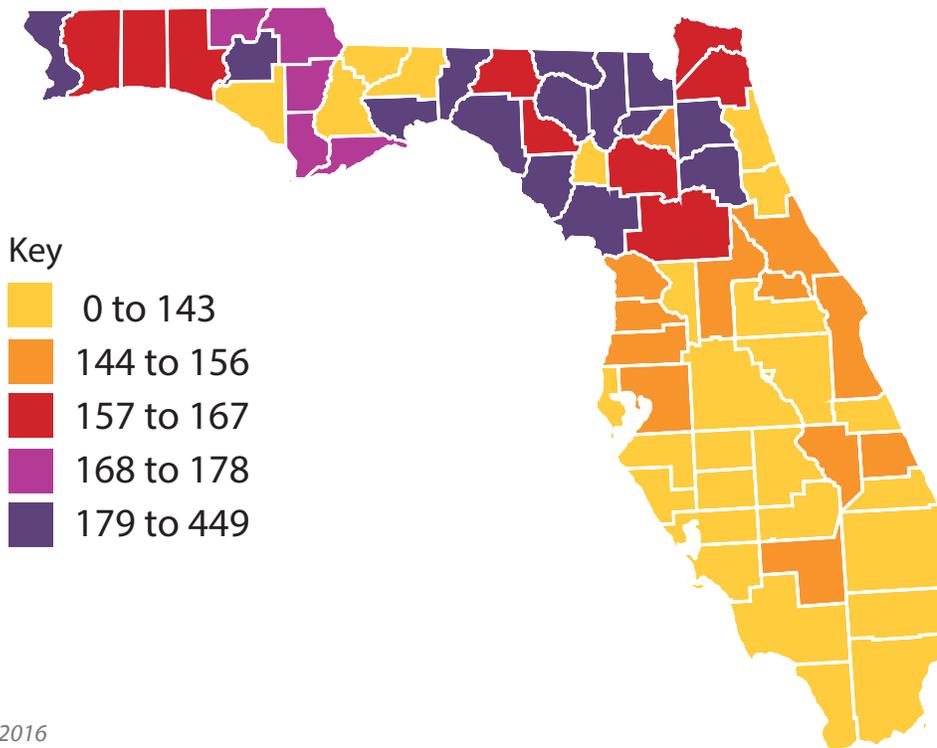


Source: CDC, www.cdc.gov/cancer/dataviz

Florida Map of Cancer Mortality by County

Deaths from cancer are lower in more populated counties such as South Florida, but higher in less populated counties in the Florida Panhandle. This disparity is worthy of study and likely reflective of the rural-urban disparity seen nationally.

Age-adjusted cancer mortality rates per 100,000

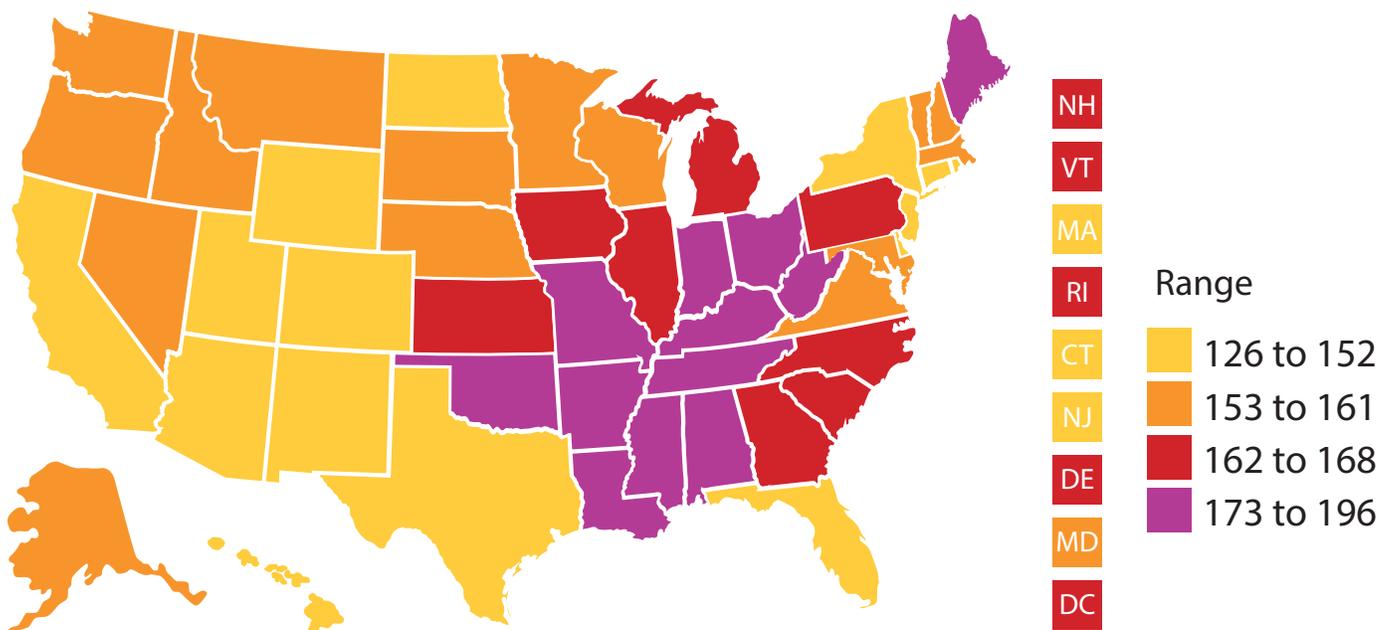


Source: FCDS, 2006-2016

US Map Cancer Mortality

Within the US, Florida is in a group of states with lower cancer mortality and stands out among Southern states as having the lowest rate of deaths from cancer.

Age-adjusted cancer mortality rates per 100,000

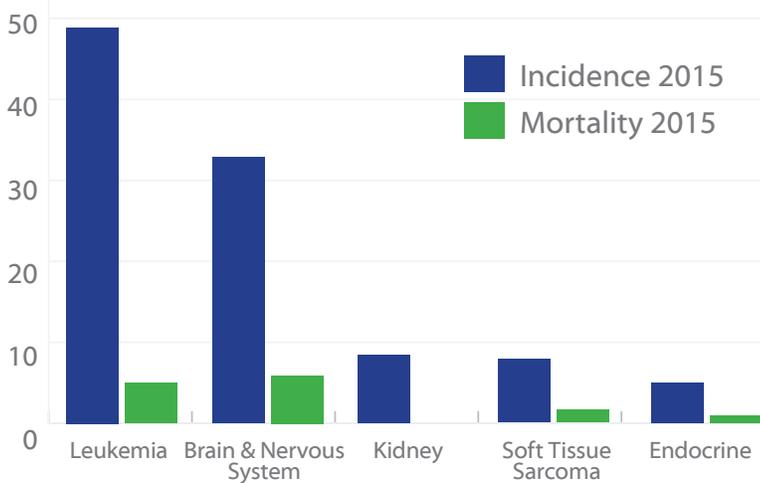


Source: CDC, <https://gis.cdc.gov/Cancer/USCS/DataViz.html>

Pediatric Cancer Incidence and Mortality in Florida

Cancers affecting our children in Florida were comparable with rates from previous years. Although the majority of our children achieved a good response to treatment for their cancers, relapsing and refractory cancer is still a problem. Side effects from the toxicities of treatment are common. Safer and more effective treatments for pediatric cancers are urgently needed.

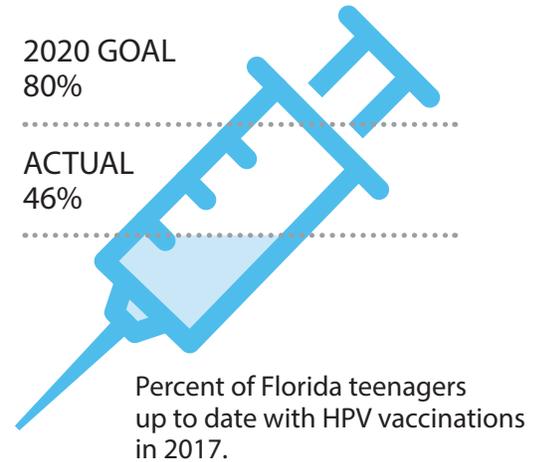
Per 100,000 Floridians aged 0-14 years



Source: FCDS

HPV Vaccinations

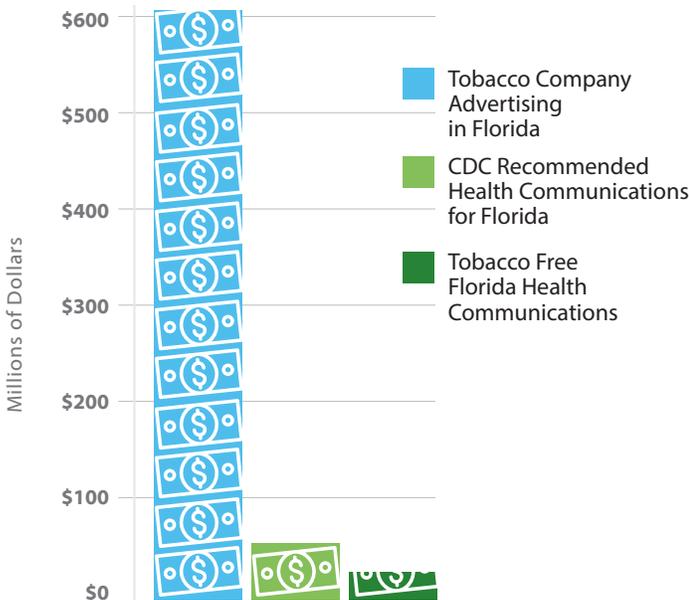
Immunizing Floridians against the human papilloma virus (HPV) is expected to eliminate cervical cancer in women and most of the head and neck cancers affecting both men and women. This preventive intervention is one of the Council's highest policy priority recommendations.



Source: CDC TeenVaxView

Annual Spending for Tobacco-Related Communications in Florida

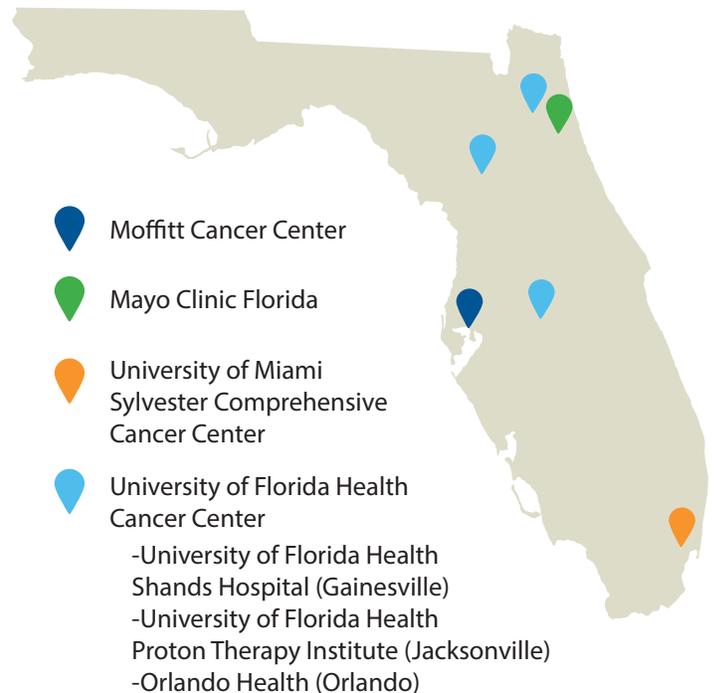
Reducing tobacco exposure (first-hand and second-hand) in Florida has been one of the most effective means in reducing our state's cancer burden by preventing lethal cancers. However, tobacco companies continue to spend hundreds of millions of dollars in promoting tobacco use to Floridians. To educate the public, Tobacco Free Florida spends a fraction of that amount. Continuing health communications from Tobacco Free Florida is a high priority recommendation from the Council because of the gains made in preventing lethal cancers.



Source: Tobacco Free Florida

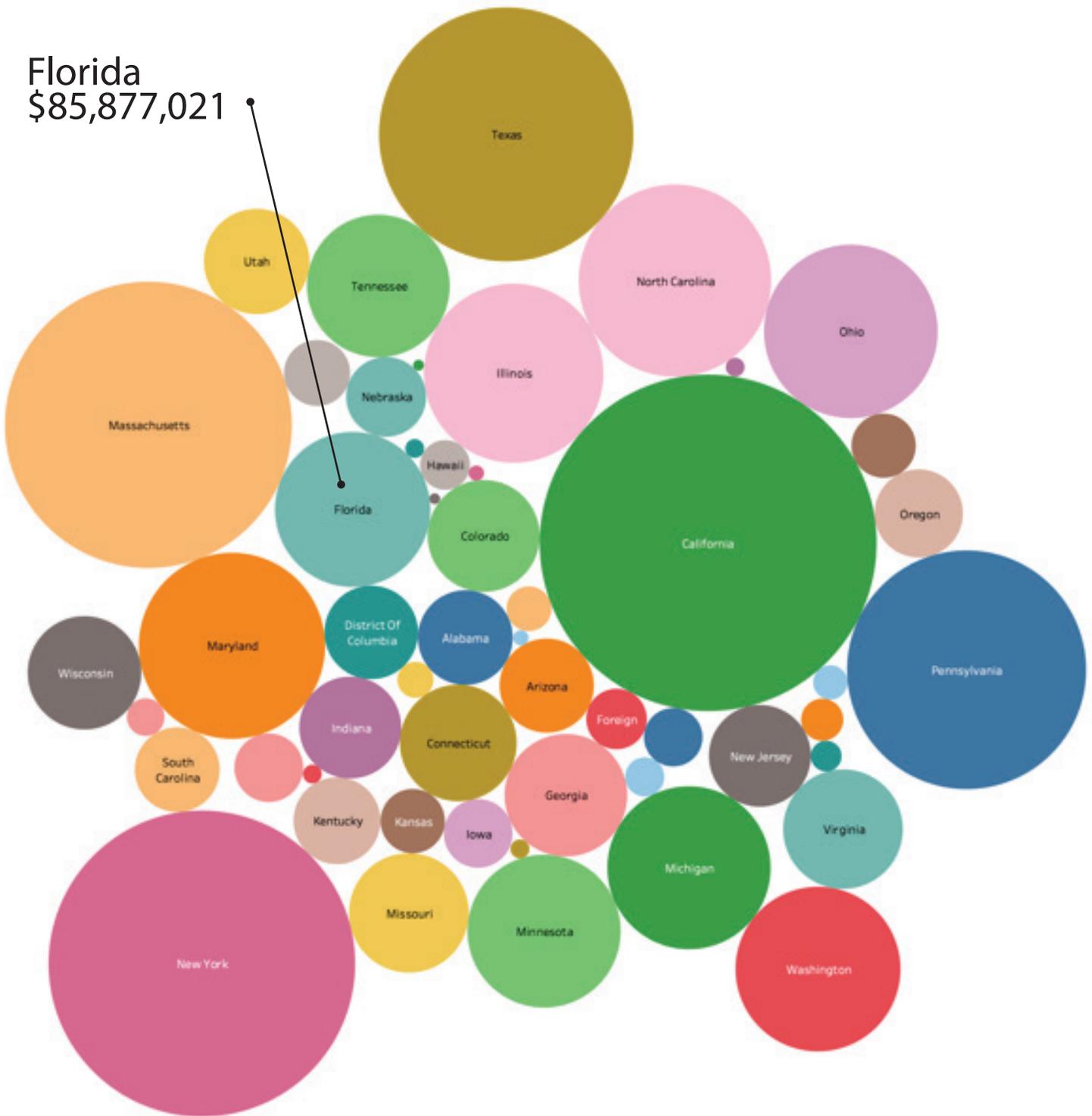
Florida Cancer Centers of Excellence

In 2018, four Centers of Excellence for cancer care, research and education were designated by joint work from the Florida Department of Health, Florida Cancer Control and Research Advisory Council, and the Biomedical Research Advisory Council.



Federal Cancer Research Dollars - 2018

In 2018, Florida was the 14th ranked state receiving federal money for cancer research from the National Cancer Institute.



Source: NIH 2018

Florida Cancer Control & Research Advisory Council Membership

(January 2019)



Chair
Christopher Cogle, MD
University of Florida
Senate President's
Appointee



Vice Chair
Clement Gwede, Ph.D.,
MPH, RN, FAAN
Moffitt Cancer Center



TBD
Florida's Surgeon General



Jessica Bahari-Kashani, MD
Florida Medical Association



Senator Lizbeth Benacquisto
Senate President's
Appointee



Robert Cassell, MD, Ph.D.
Association of Community
Cancer Centers



Asher Chanan-Khan, MD
Florida Hospital
Association



Carole Duncanson
House Speaker's
Appointee



Patricia I. Geddie, Ph.D.,
APRN-CNS, AOCNS
Florida Nurses
Association



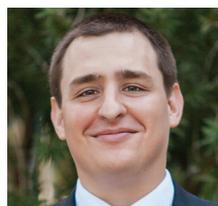
Representative Jamie Grant
House Speaker's
Appointee



Erin Kobetz, Ph.D., MPH
Sylvester Comprehensive
Cancer Center
University of Miami



Duane Mitchell, MD, Ph.D.
University of Florida
Shands Cancer Center



Mitchell F. Peabody, DO
Florida Osteopathic
Medical Association



Amy Smith, MD
Governor's Appointee



Megan Wessel, MPH
American Cancer Society

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FOR MORE INFORMATION CONTACT:

CCRAB Website

<http://www.ccrab.org>

Florida Cancer Plan 2015-2020

www.ccrab.org/cancer-plan

Florida Cancer Data Systems (FCDS)

<http://www.fcds.med.miami.edu/inc/statistics.shtml>

Florida Regional Community Cancer Collaboratives:

Northwest Region – www.nwfccc.org

North Central Region – www.ncfcancercontrol.org

Northeast Region – www.hpcnef.org/programs/northeast-florida-cancer-control-collaborative/

East Central Region – www.ecfccc.com

Southwest Region – www.swflccc.weebly.com/about.html

Southeast Region – www.healthcouncil.org/sfccc

Comprehensive Cancer Control Programs

<http://www.floridahealth.gov/diseases-and-conditions/cancer/cancer-control-florida.html>

Breast and Cervical Cancer Early Detection Program (BCCEDP)

<http://www.floridahealth.gov/diseases-and-conditions/cancer/breast-cancer/index.html>

<http://www.floridahealth.gov/diseases-and-conditions/cancer/cervical-cancer/index.html>

Colorectal Cancer Control Program (CRCCP)

<http://www.floridahealth.gov/diseases-and-conditions/cancer/colon-cancer/index.html>

Florida's Health Equity Research Institute (HERI)

www.flheri.org

Florida's Biomedical Research Advisory Council (BRAC)

<http://www.floridahealth.gov/provider-and-partner-resources/research/research-cancer-tobacco.html>

Prostate Cancer Advisory Council (PCAC)

<http://prostatecanceradvisorycouncil.org/>

THANK YOU TO OUR PARTNERS

