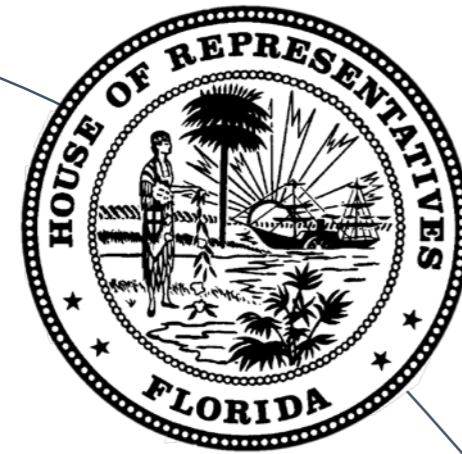




**Florida Cancer Control
& Research Advisory Council**



DOH Cancer Programs

- State Cancer Registry / FCDS
- Biomedical Research Program Grants
- Comp Cancer Control / CDC
- Breast & Cervical Screening / CDC
- Colorectal Cancer Screening
- Lung Cancer Screening
- Cancer Centers of Excellence
- NCI CCC Designation Stimulus Funding

Florida Cancer Control & Research Advisory Council (CCRAB)

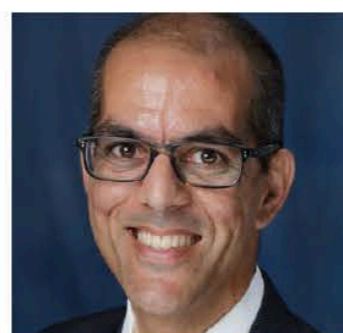
- Write State Cancer Plan
- Advise DOH on Cancer Programs
- Commons area for advocacy

Florida Prostate Cancer Council

- Educates clinicians
- Educates public

Florida Cancer Control & Research Advisory Council Membership

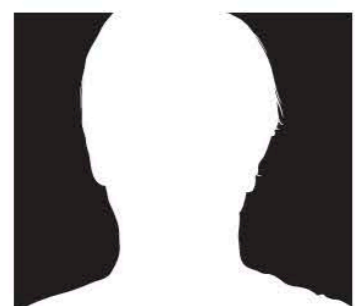
(January 2019)



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



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



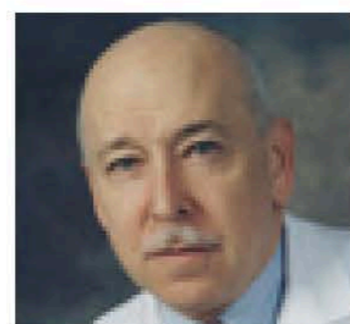
TBD
Florida's Surgeon General



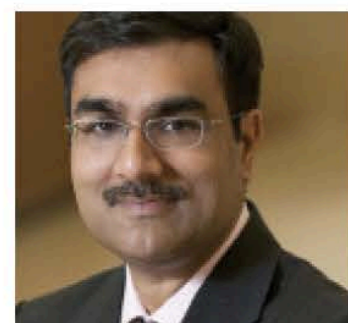
Jessica Bahari-Kashani, MD
Florida Medical Association



Senator Lizbeth Benacquisto
Senate President's
Appointee



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



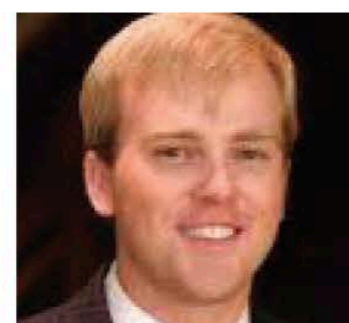
Asher Chanan-Khan, MD
Florida Hospital
Association



Carole Duncanson
House Speaker's
Appointee



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



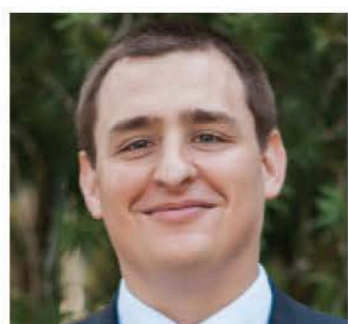
Representative Jamie Grant
House Speaker's
Appointee



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



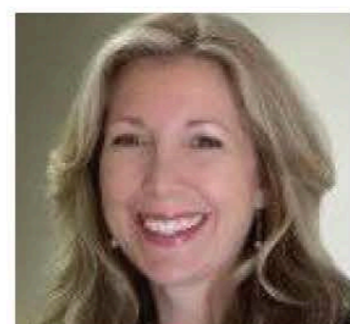
Duane Mitchell, MD, Ph.D.
University of Florida
Shands Cancer Center



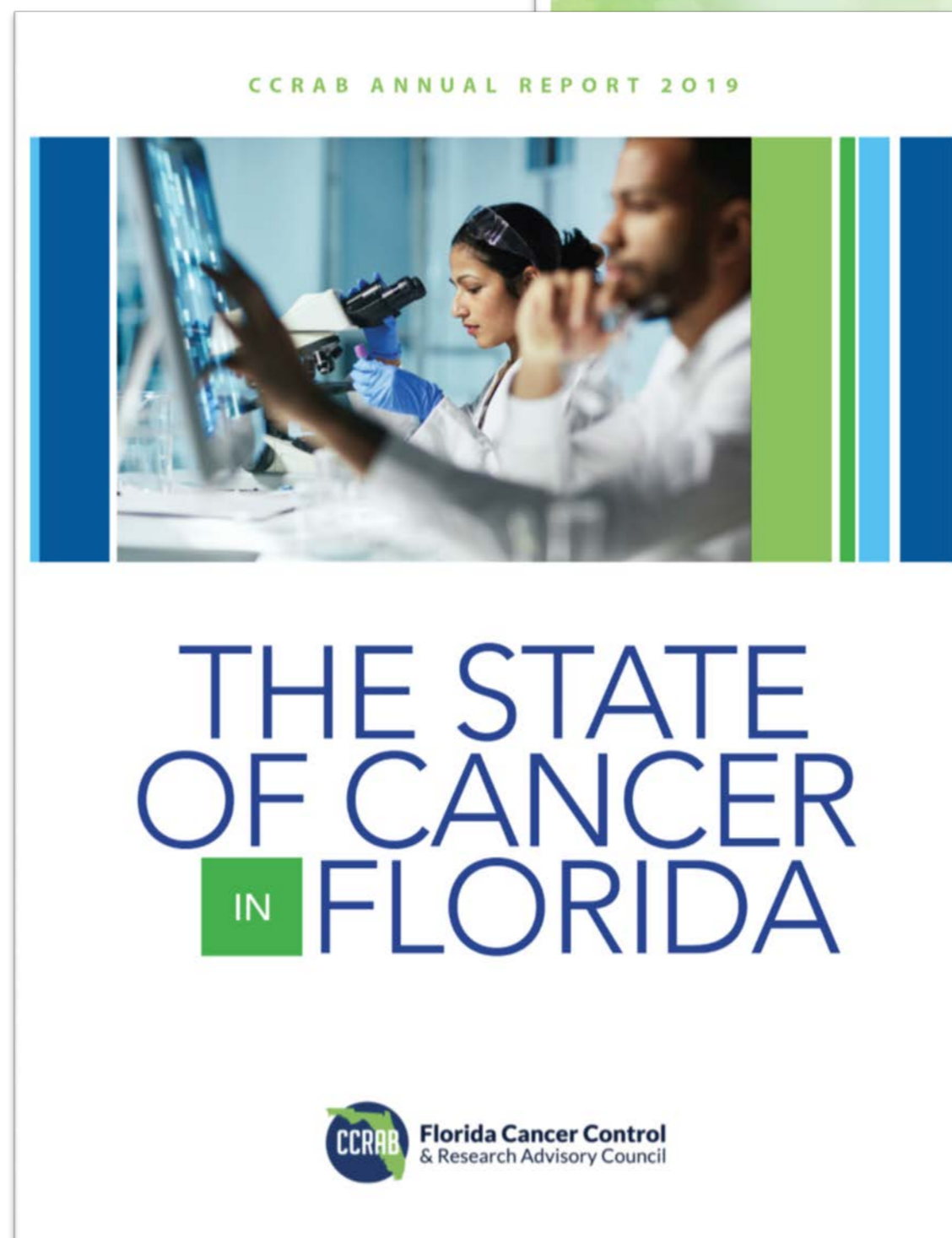
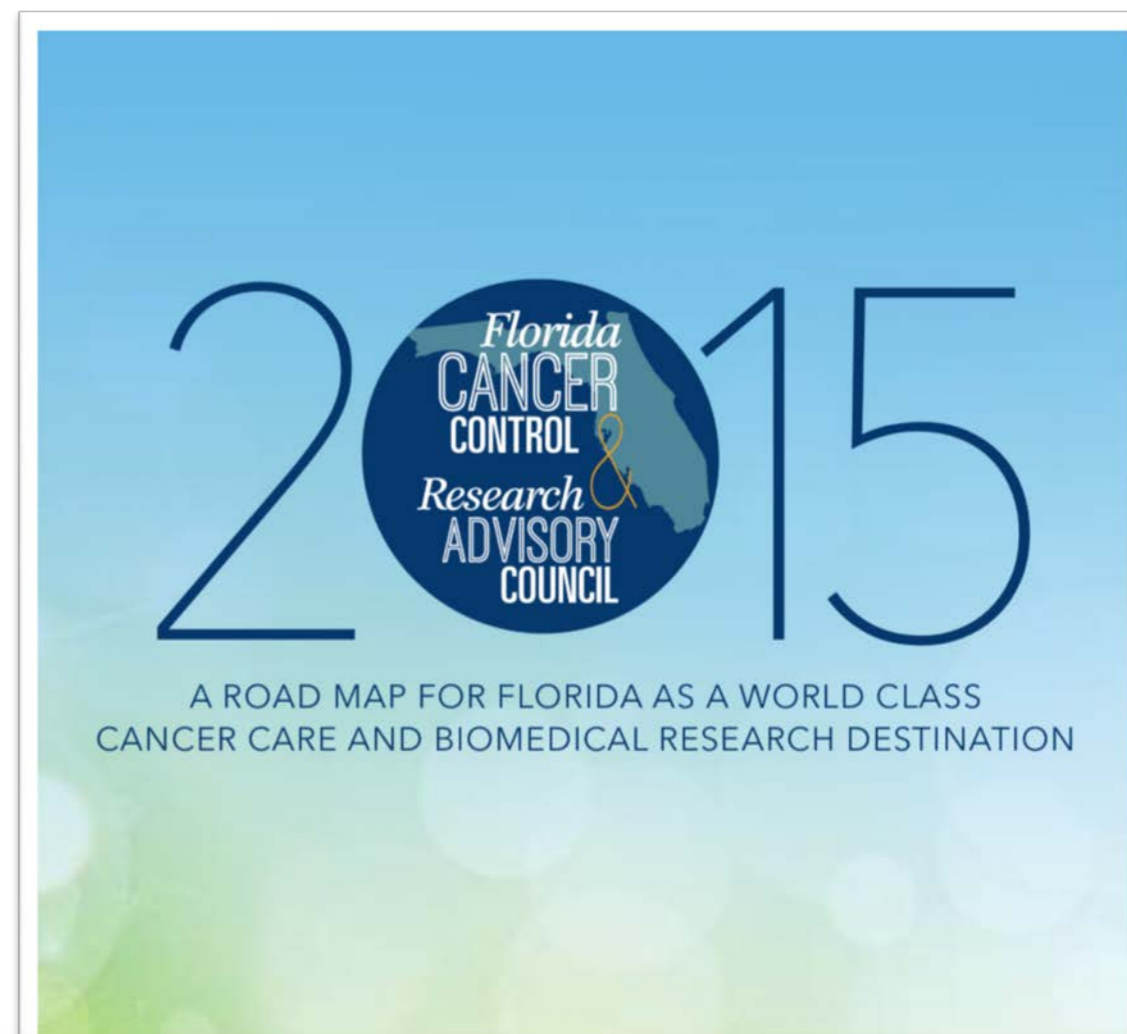
Mitchell F. Peabody, DO
Florida Osteopathic
Medical Association



Amy Smith, MD
Governor's Appointee

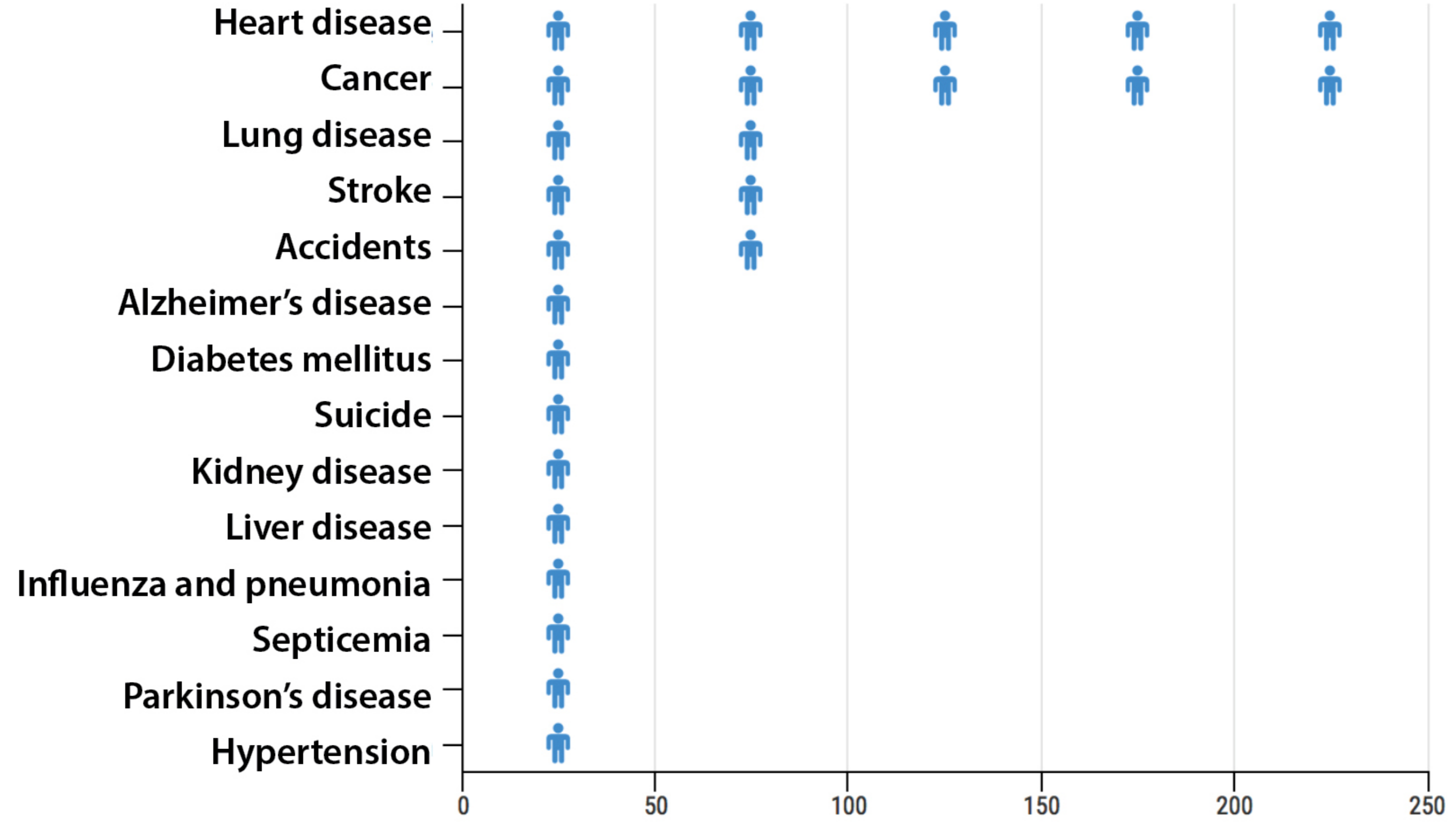


Megan Wessel, MPH
American Cancer Society



1. Cancer in Florida

Leading Causes of Death in Florida *Age-adjusted Death Rate per 100,000 Floridians in 2015*



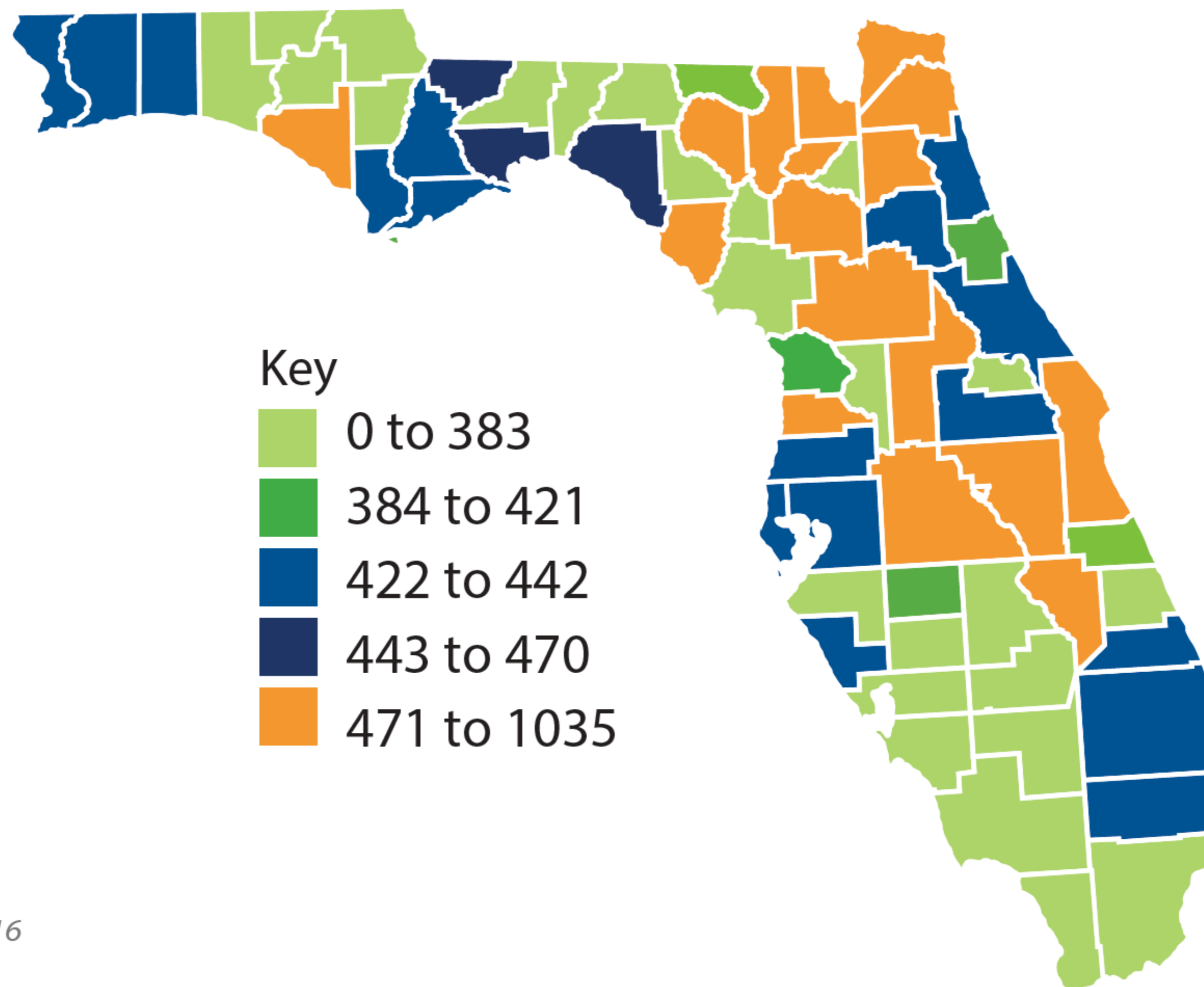
Source: CDC National Vital Statistics System, LCWK9 2015 data. Based on the International Classification of Diseases, Tenth Revision.

Florida's Cancer Problem

- **Large:** 120,000 will be **diagnosed** with cancer this year.
- **Lethal:** 43,000 will **die** of cancer this year.

Florida Cancer Geography

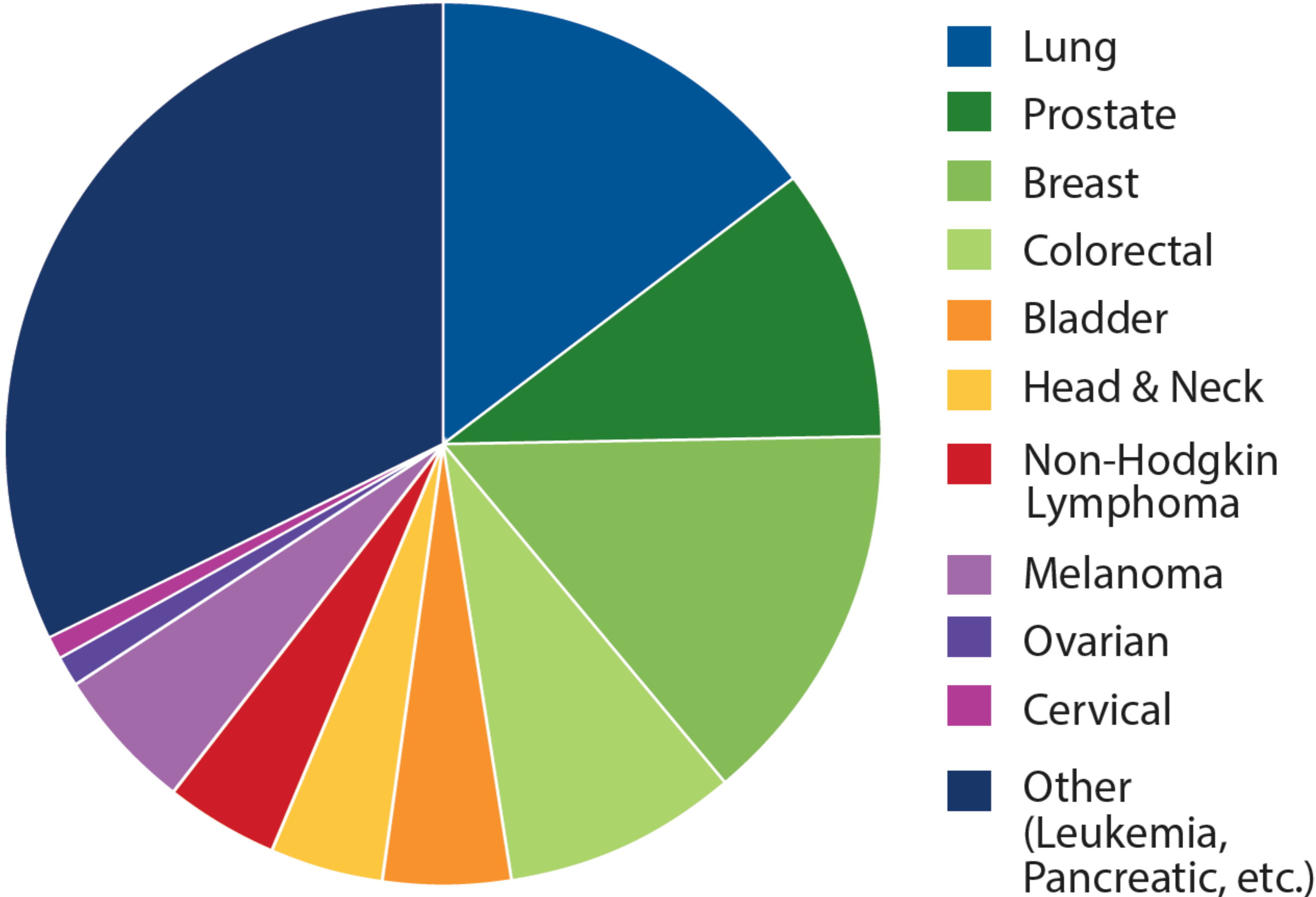
Age-Adjusted Cancer Incidence Rates by County



Source: FCDS, 2006-2016

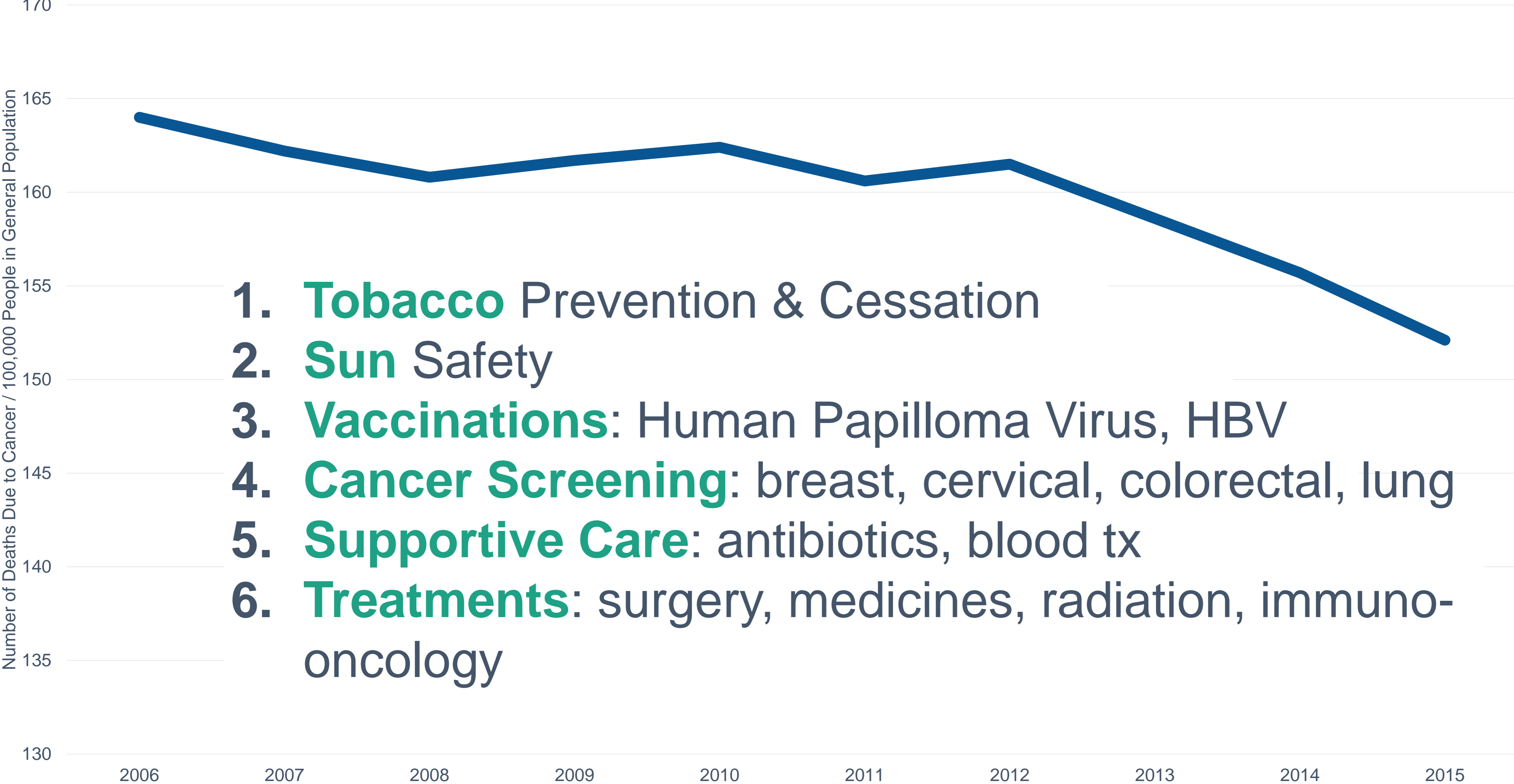
Cancer Types by Crude Number of Diagnoses

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

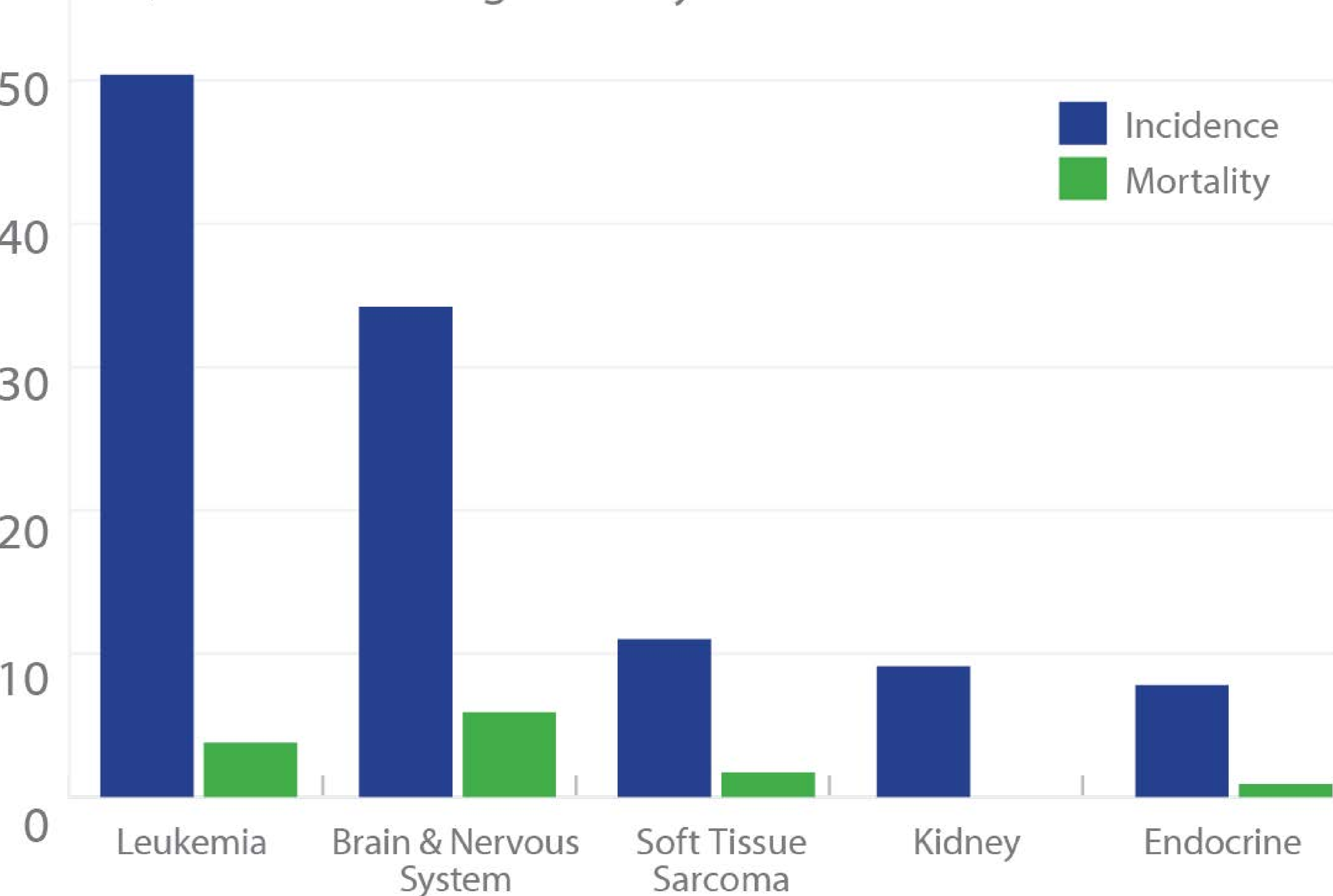
Trend in Cancer Mortality Rate in Florida



- 1. **Tobacco** Prevention & Cessation
- 2. **Sun** Safety
- 3. **Vaccinations:** Human Papilloma Virus, HBV
- 4. **Cancer Screening:** breast, cervical, colorectal, lung
- 5. **Supportive Care:** antibiotics, blood tx
- 6. **Treatments:** surgery, medicines, radiation, immuno-oncology

Pediatric Cancer Incidence and Mortality in Florida

Per 100,000 Floridians aged 0-14 years

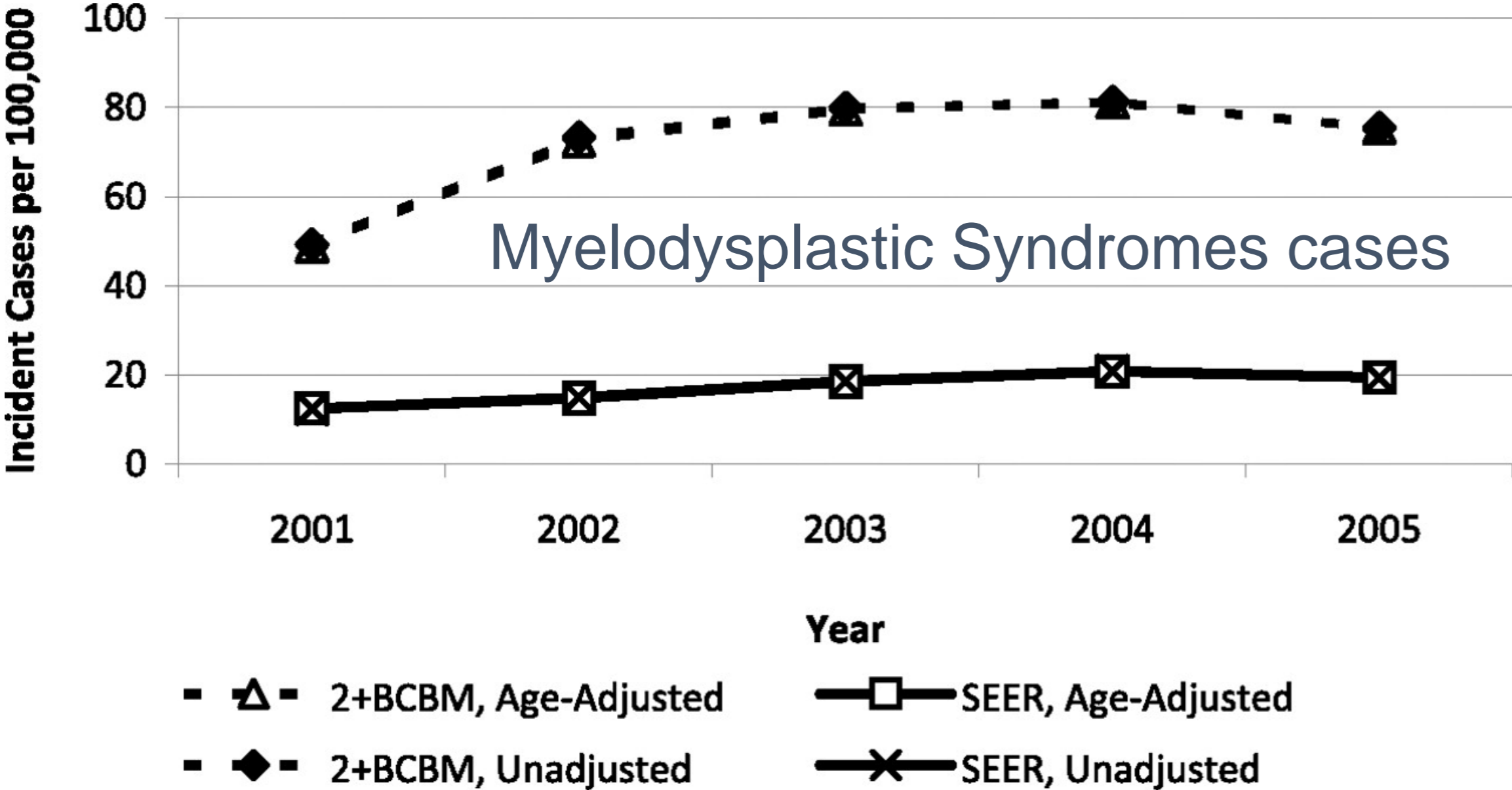


Source: FCDS, 2010-2014

MDS Cases Outside of State Cancer Registry

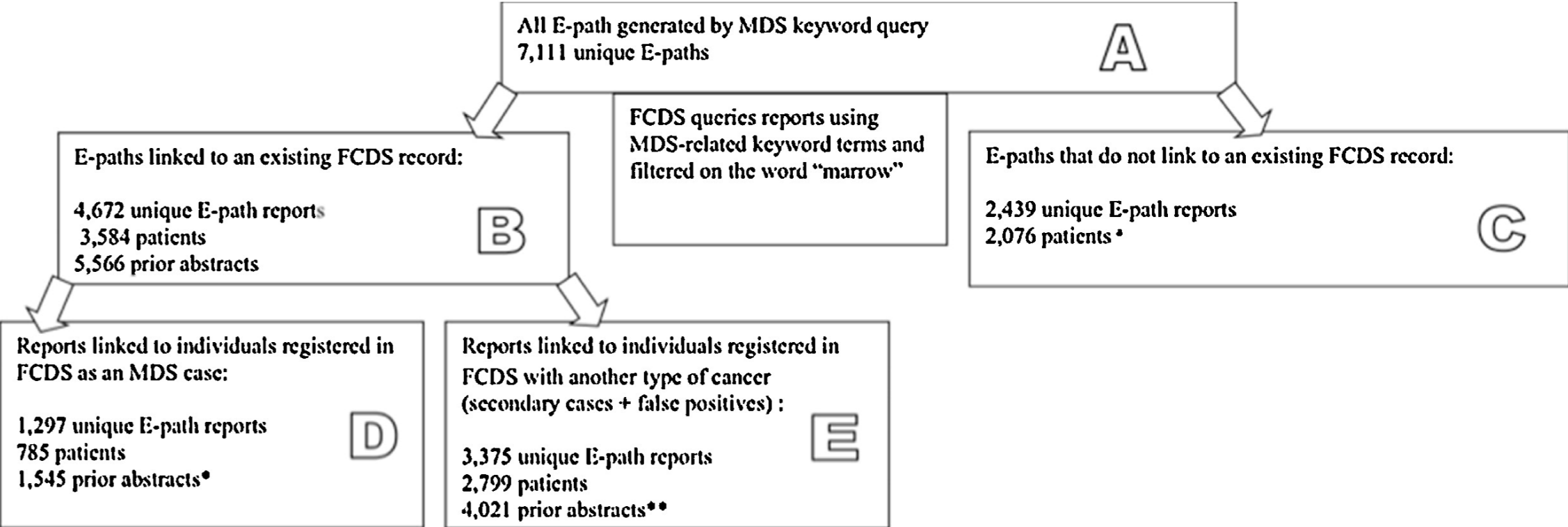
Outpatient Case Capture

Claims-Based



Cogle, et al. *Blood* 2011

E-Path Reports



* This number is on a patient level. Therefore, if one abstract from a patient links to a previous MDS diagnosis, all abstracts for that patient are included in this number.

** This number is also on a patient level. Only abstracts belonging to patients with *no* previous MDS diagnoses are counted.

^a Includes one patient missing a unique identifier.

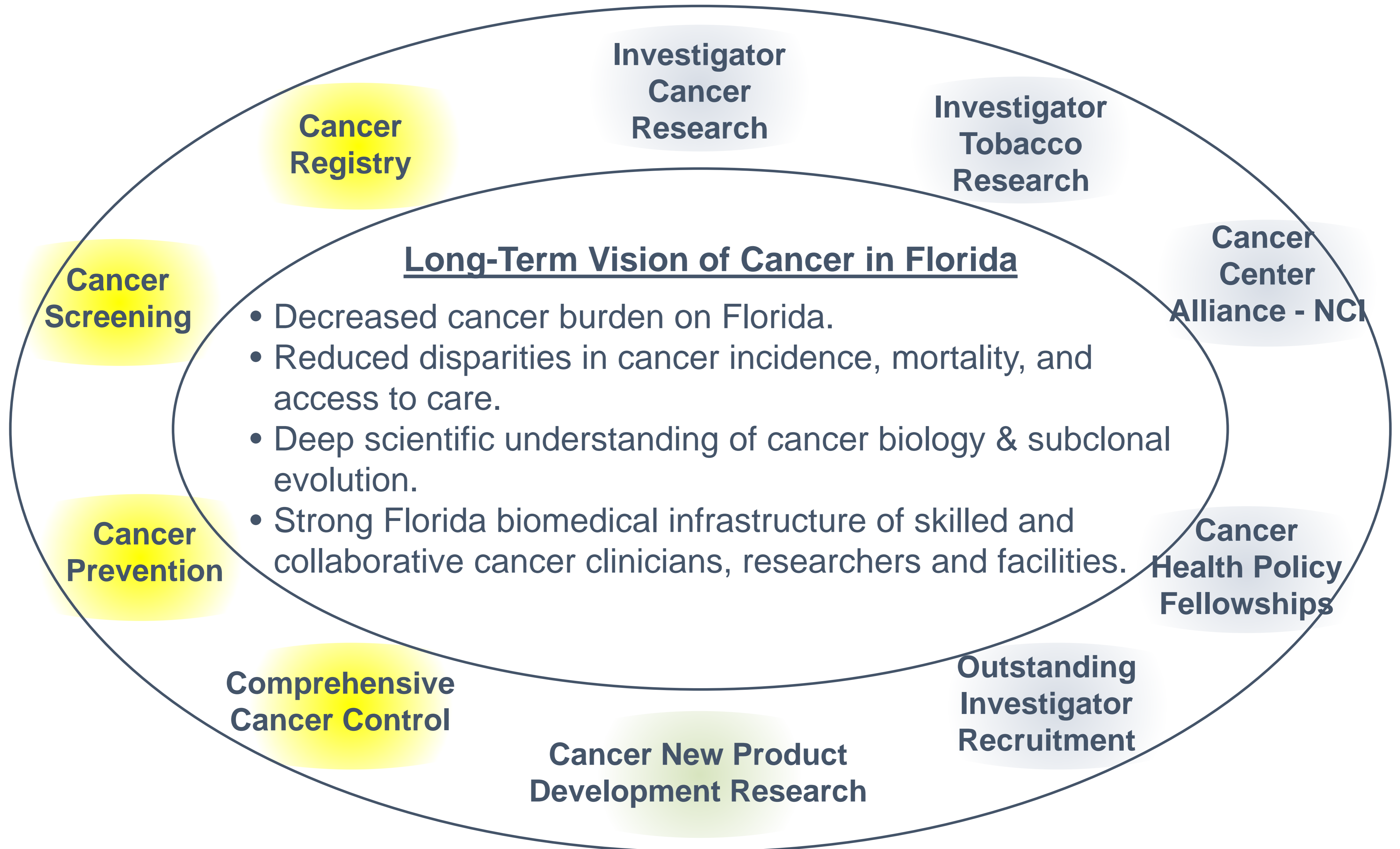
^b Excludes 1 patient who was not able to be assigned a unique identifier, with 244 corresponding e-path reports.

Cogle, et al. *Leukemia Research* 2014

Florida Cancer Data

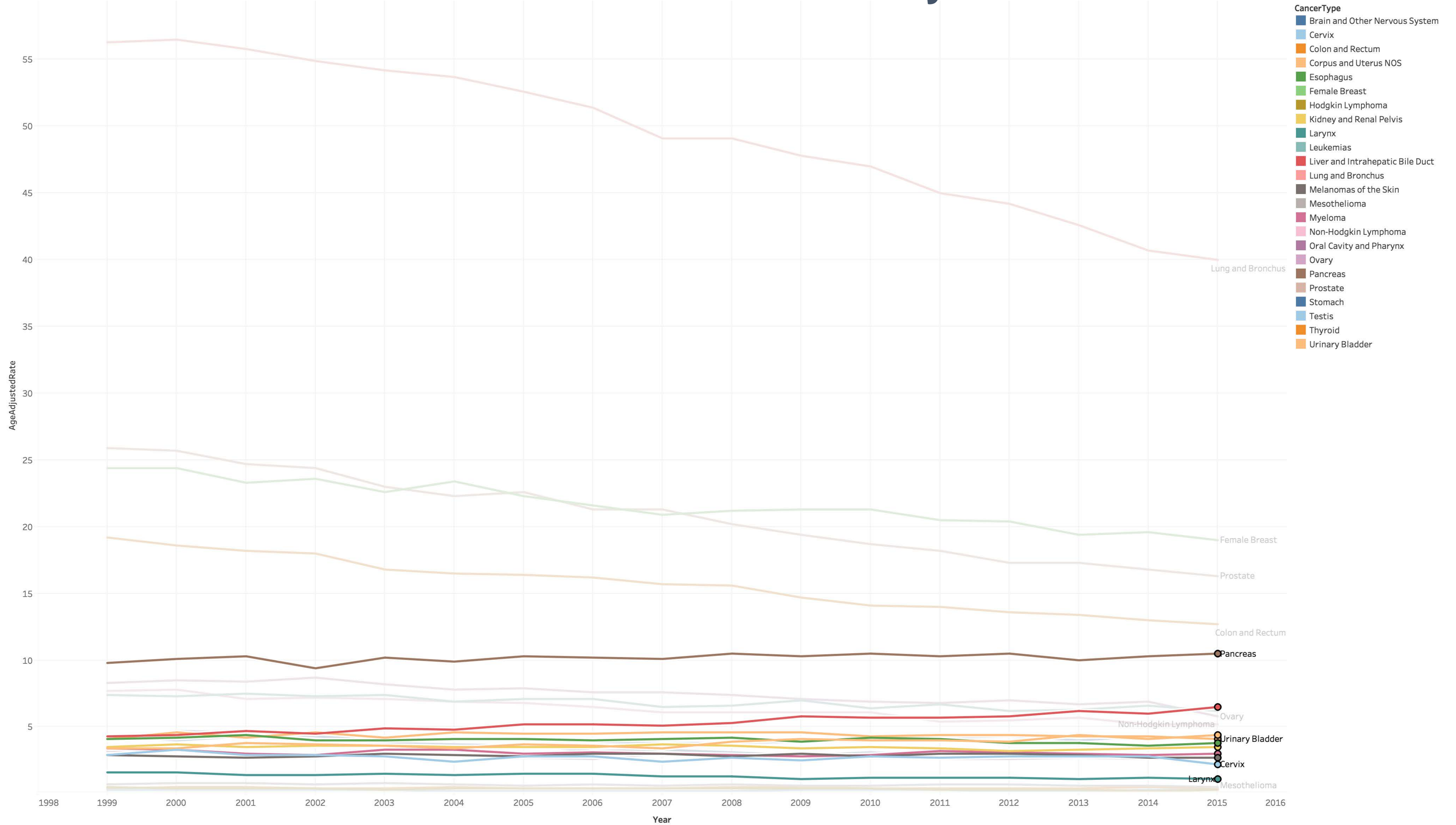
1. Increased investments in state cancer registry infrastructure.
2. Funded pilot studies of
 - **Claims-based case capture**
 - Outpatient cases added
 - Veterans Affairs (VA) patients added
 - +100K cases discovered
 - **Capturing screening data**
 - **Capturing cancer biomarker data**
 - genetic data (somatic, germline, TIL)
 - **Capturing patient outcomes**

2. Cancer Control in Florida



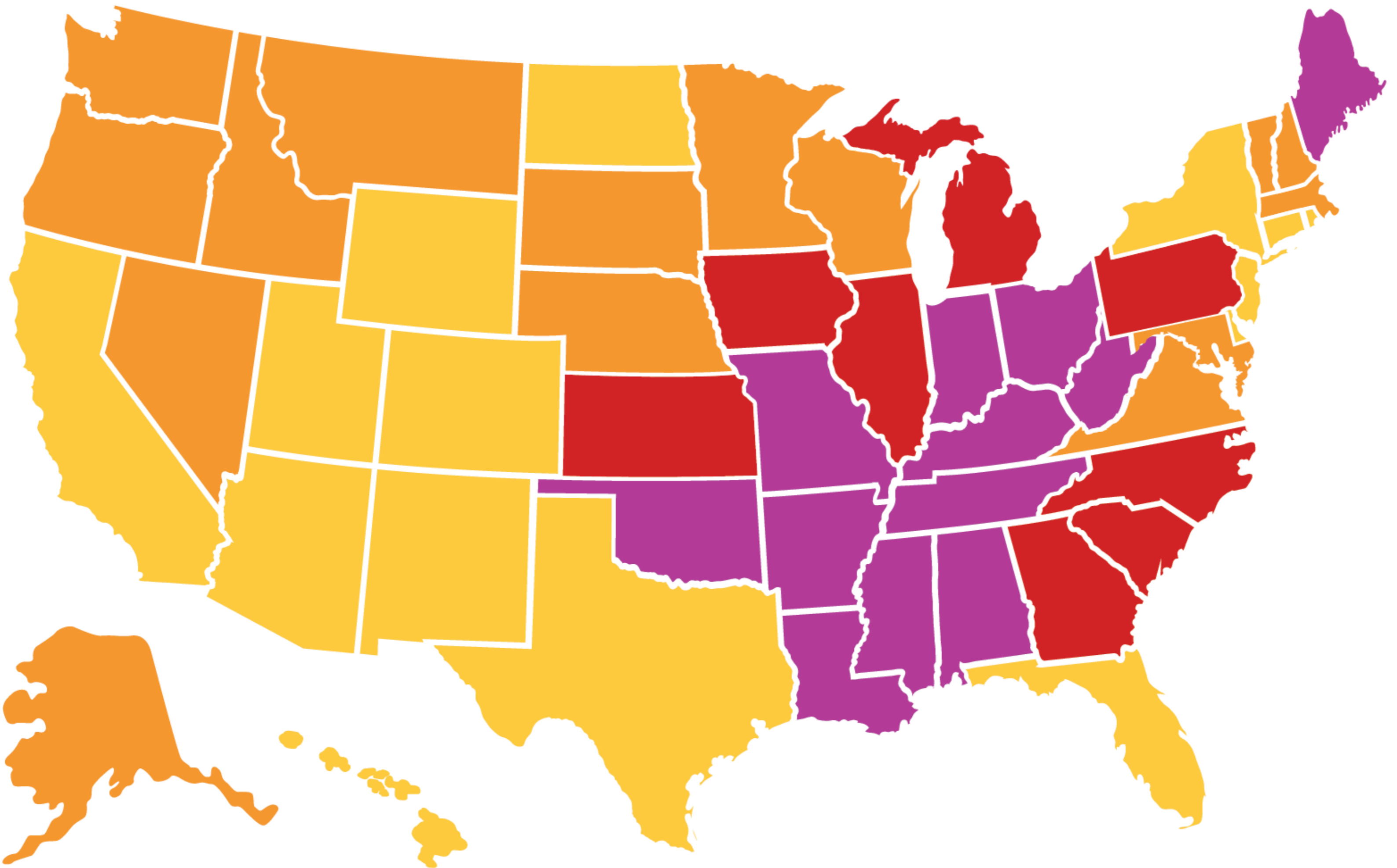
3. Cancer Trends in Florida

Florida Trends in Cancer Mortality 1999-2015



4. Florida versus U.S.

Age-adjusted cancer mortality rates per 100,000



- NH
- VT
- MA
- RI
- CT
- NJ
- DE
- MD
- DC

Range

126 to 152
153 to 161
162 to 168
173 to 196

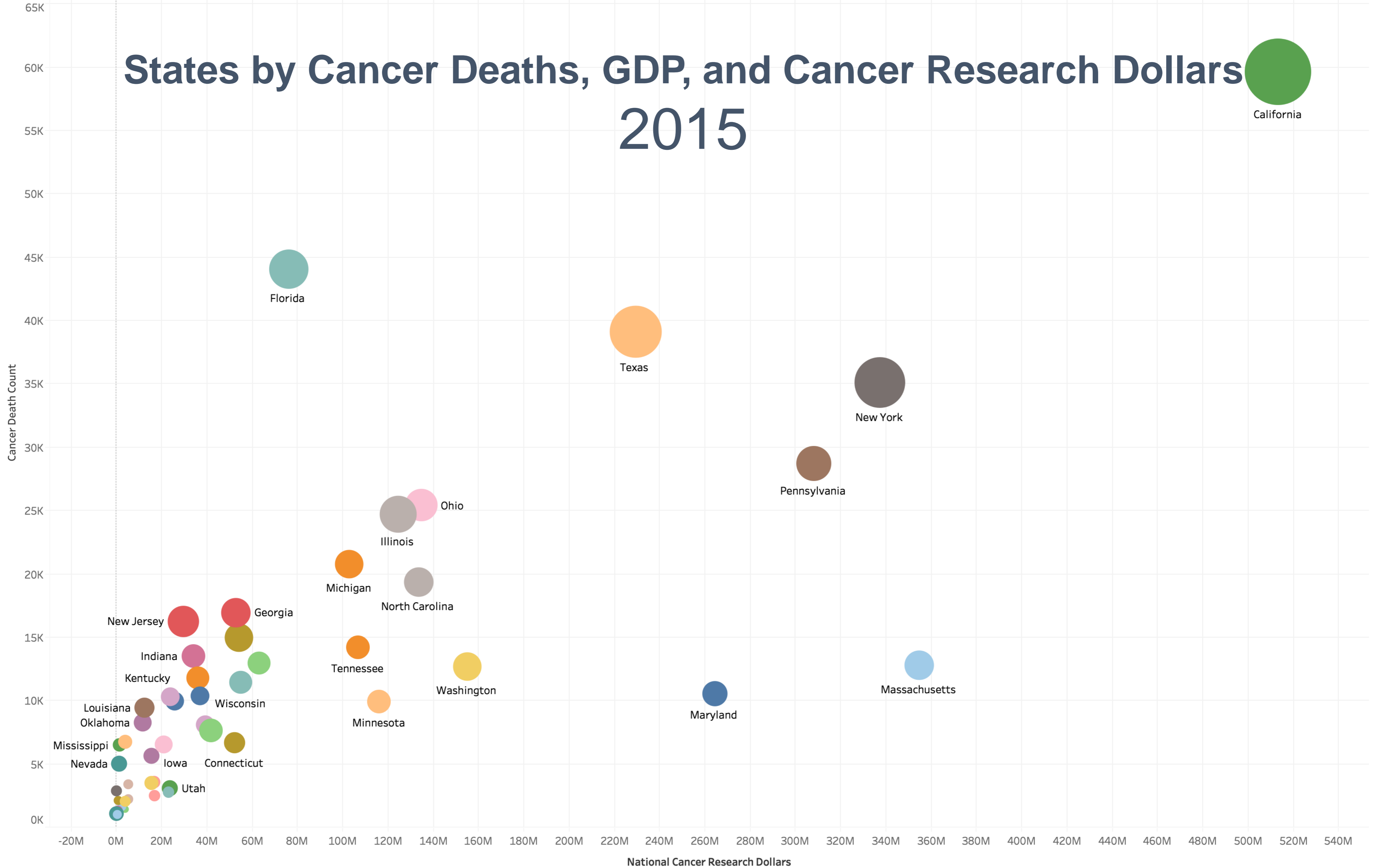
Source: CDC

States by Cancer Deaths, GDP, and Cancer Research Dollars

2015

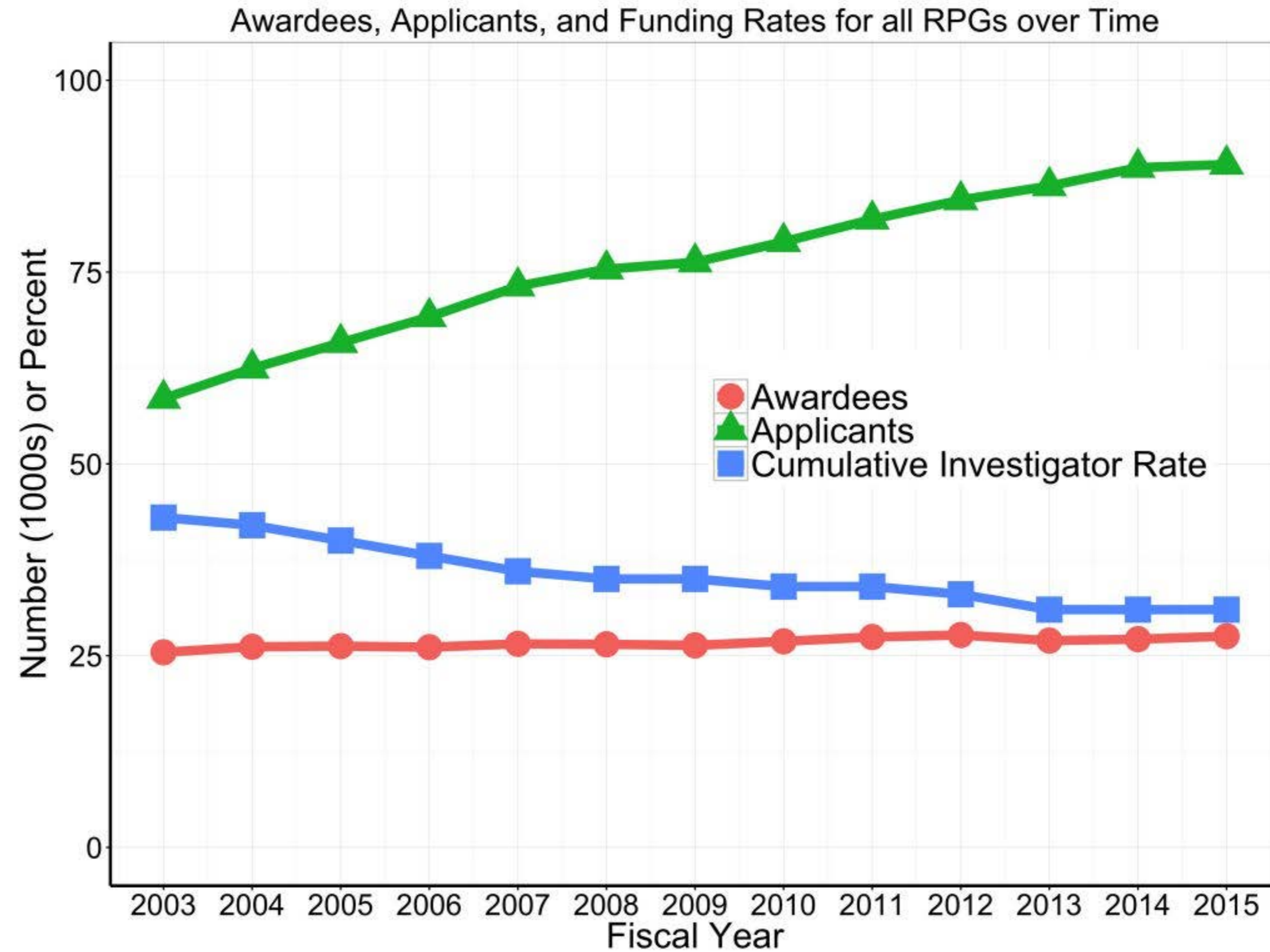


California



5. Cancer Research Funding in FL

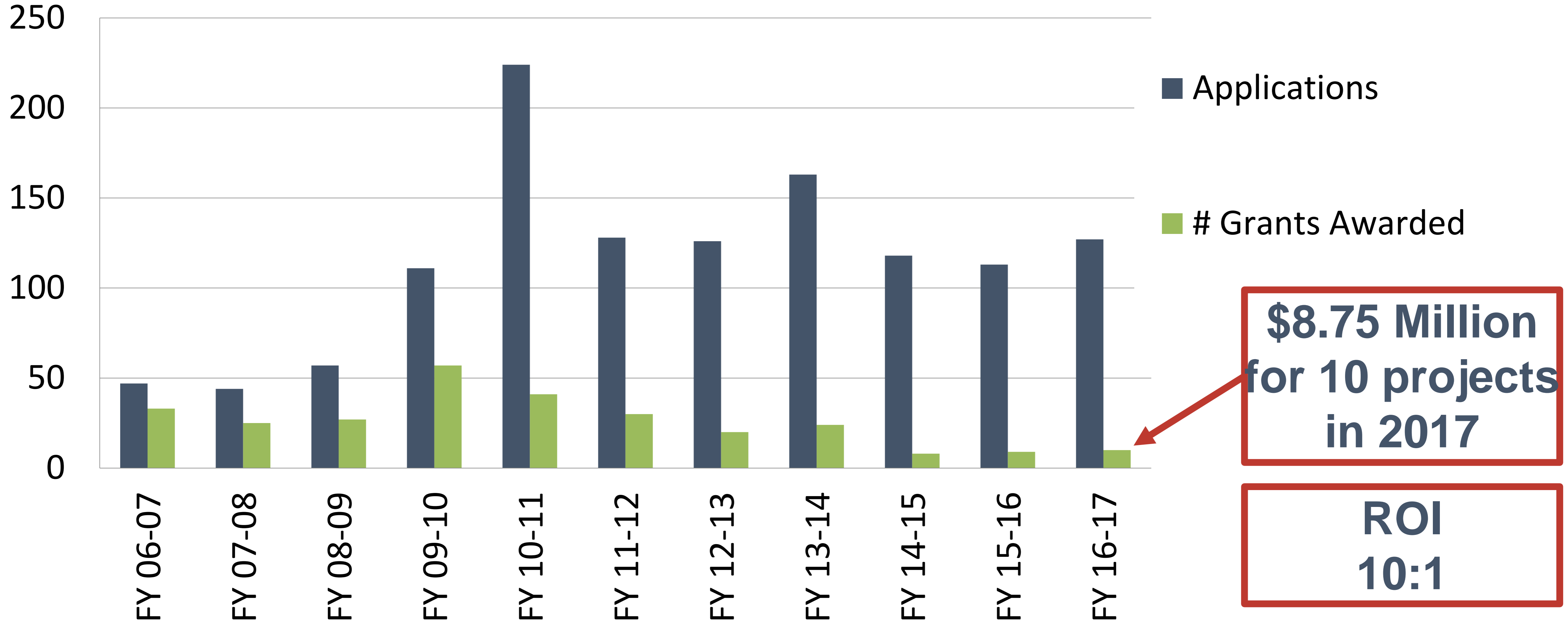
NIH Funding



Florida Bankhead Coley Research Program

State Funding for Cancer Research, [Section 381.922, Florida](#)

~~[Statutes](#)~~

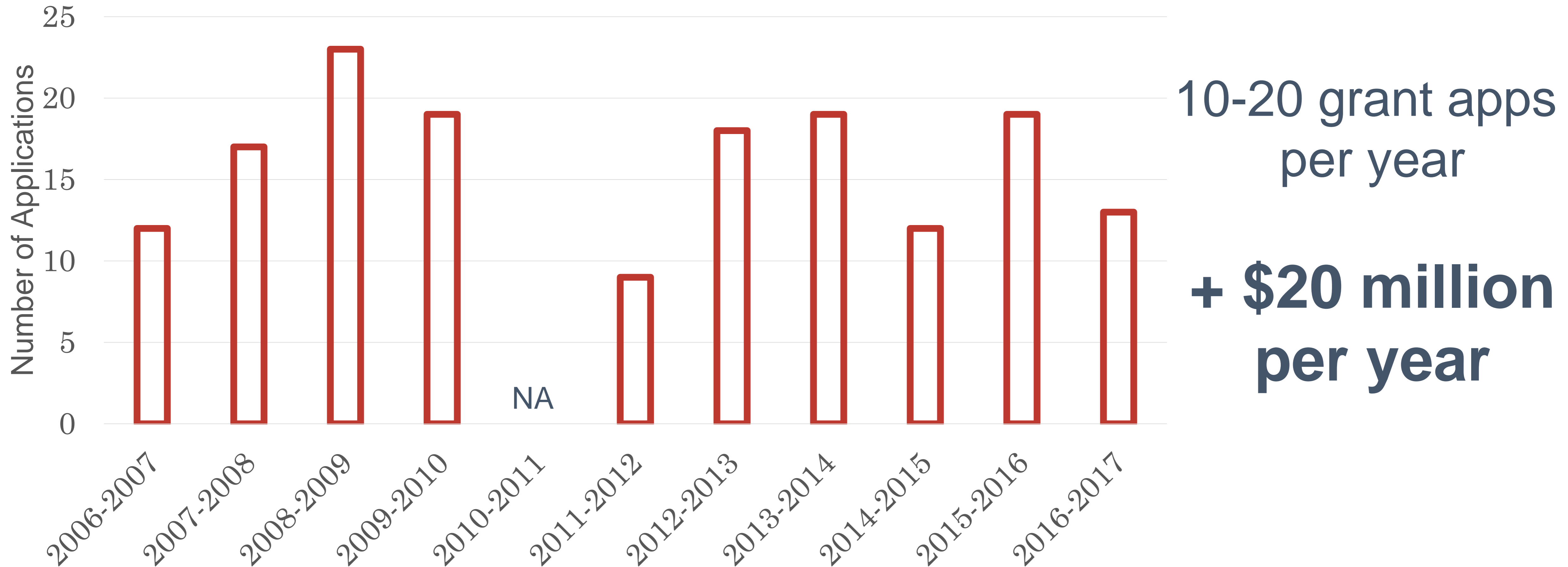


Florida Bankhead Coley Research Program

State Funding for Cancer Research, [Section 381.922, Florida](#)

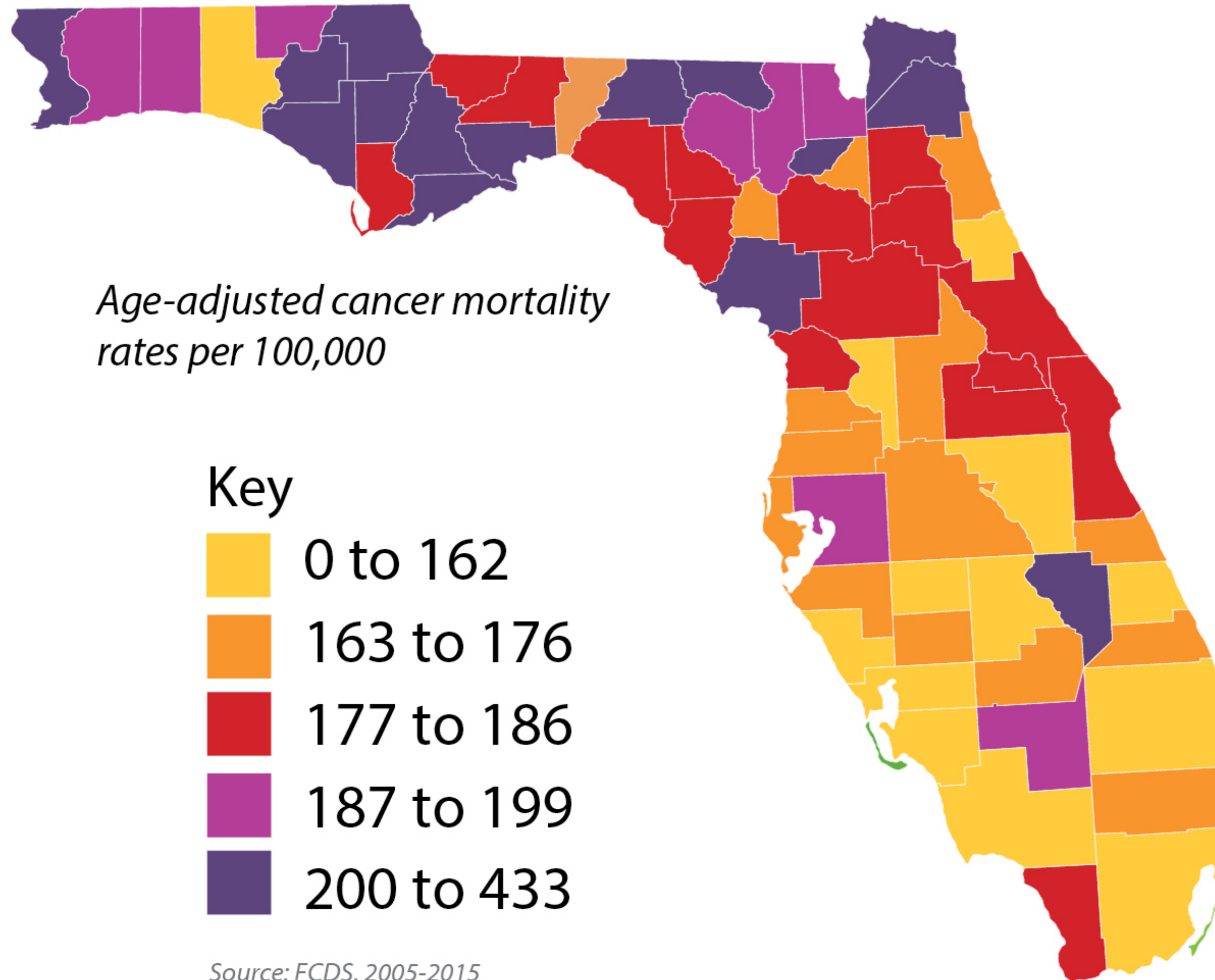
~~[Statutes](#)~~

Unfunded Florida Cancer Research Proposals with No or Negligible Weaknesses

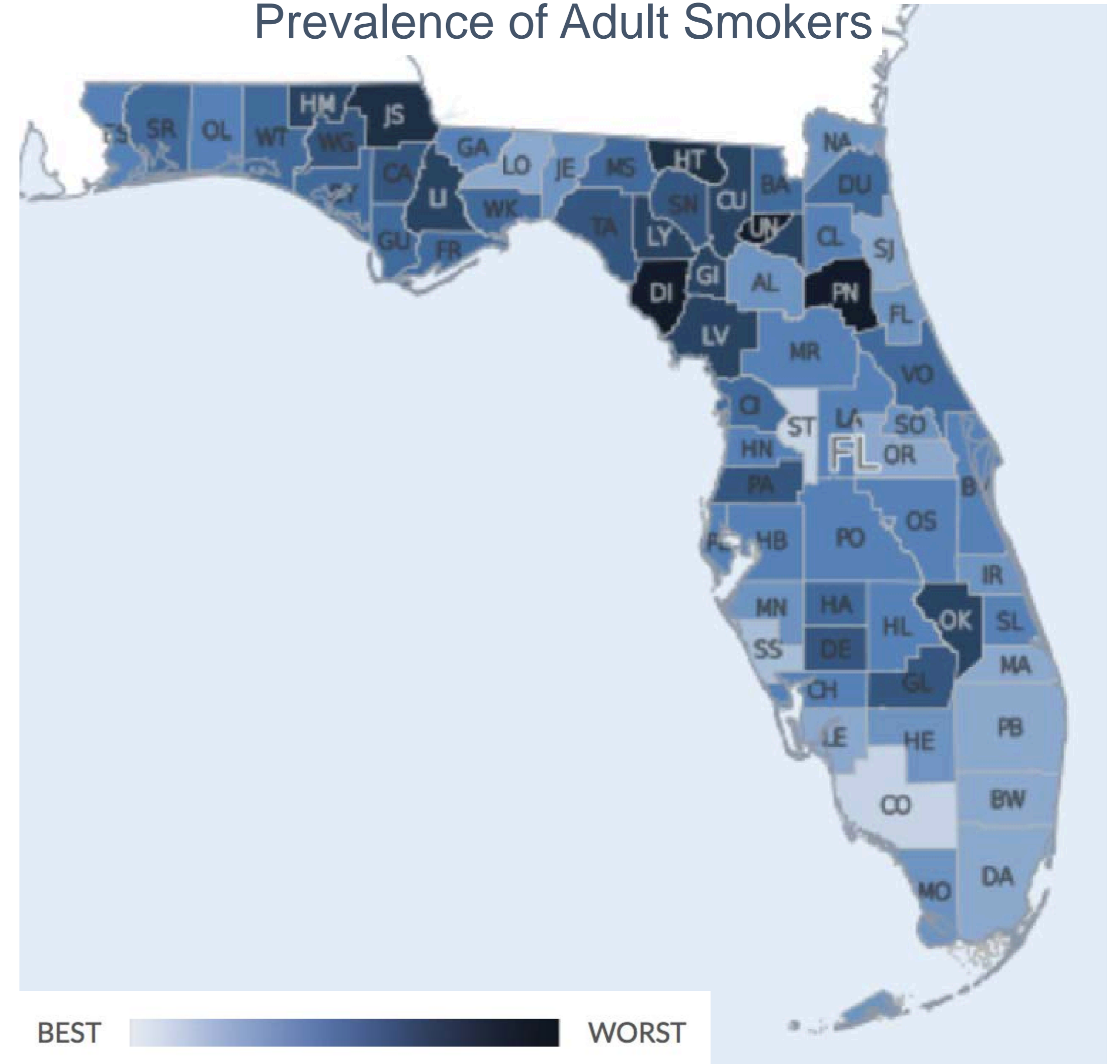


6. Tobacco Omnipresent

Cancer Mortality by Florida County



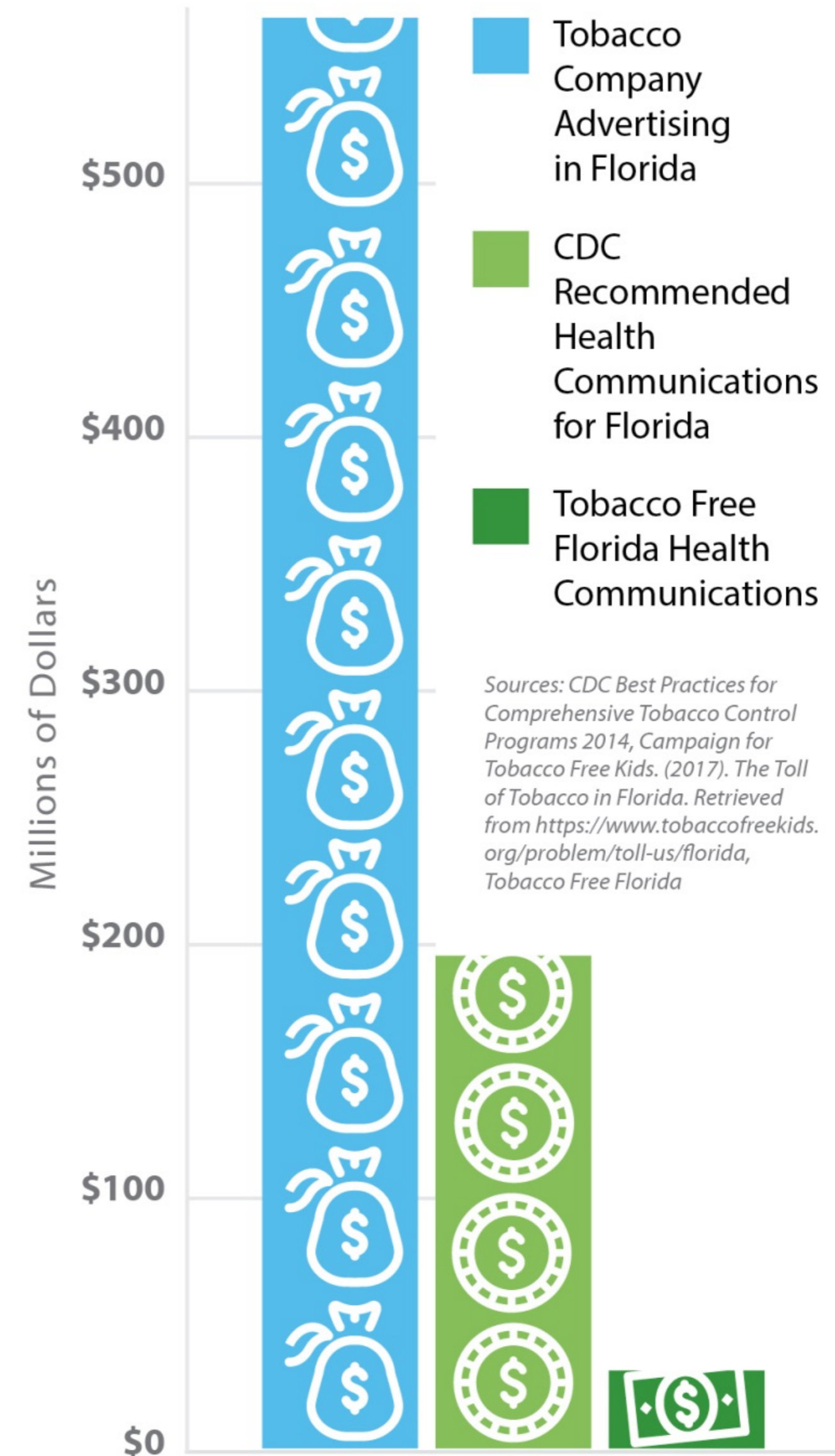
Prevalence of Adult Smokers





- Promote cessation of tobacco use
- Prevent the initiation of tobacco use among youth and adults
- Eliminate secondhand smoke exposure
- Reduce tobacco-related health disparities

Annual Spending for Tobacco-Related Communications in Florida



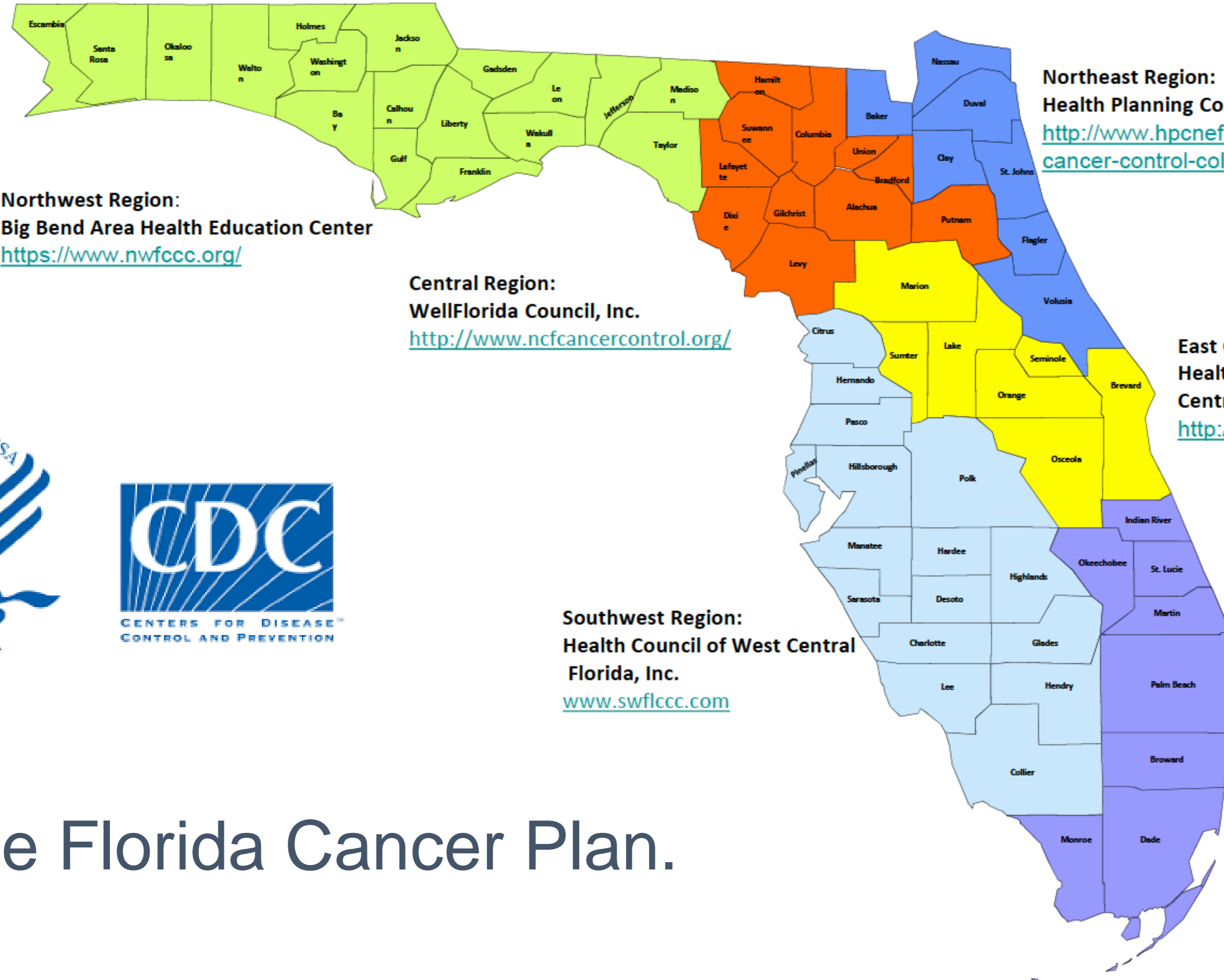
7. Florida Cancer Plan Revision

Florida Cancer Plan

2015 – 2020

Data	Prevention & Screening	Improving Patient Outcomes	Survivorship	Research, Workforce, & Commercial
Expand case capture	Reduce tobacco use	Health equity and access	Cancer survivorship	Invest in biomedical research
Capture outcomes	Promote healthy lifestyles (obesity, HPV vaccine, UV, radon)	Quality cancer care	Quality of life	Biomedical workforce (K-12 & beyond)
Capture screening, laboratory, and molecular data	Increase cancer screenings	Clinical trials	End of life care	Telehealth

Florida Regional Cancer Control Collaborative



Northwest Region:
Big Bend Area Health Education Center
<https://www.nwfccc.org/>

Central Region:
WellFlorida Council, Inc.
<http://www.ncfcancercontrol.org/>

Northeast Region:
Health Planning Council of N.E. Florida, Inc.
<http://www.hpcnef.org/programs/northeast-florida-cancer-control-collaborative/>

East Central Region:
Health Council of East Central Florida, Inc.
<http://www.ecfccc.org/>

Southwest Region:
Health Council of West Central Florida, Inc.
www.swflccc.com

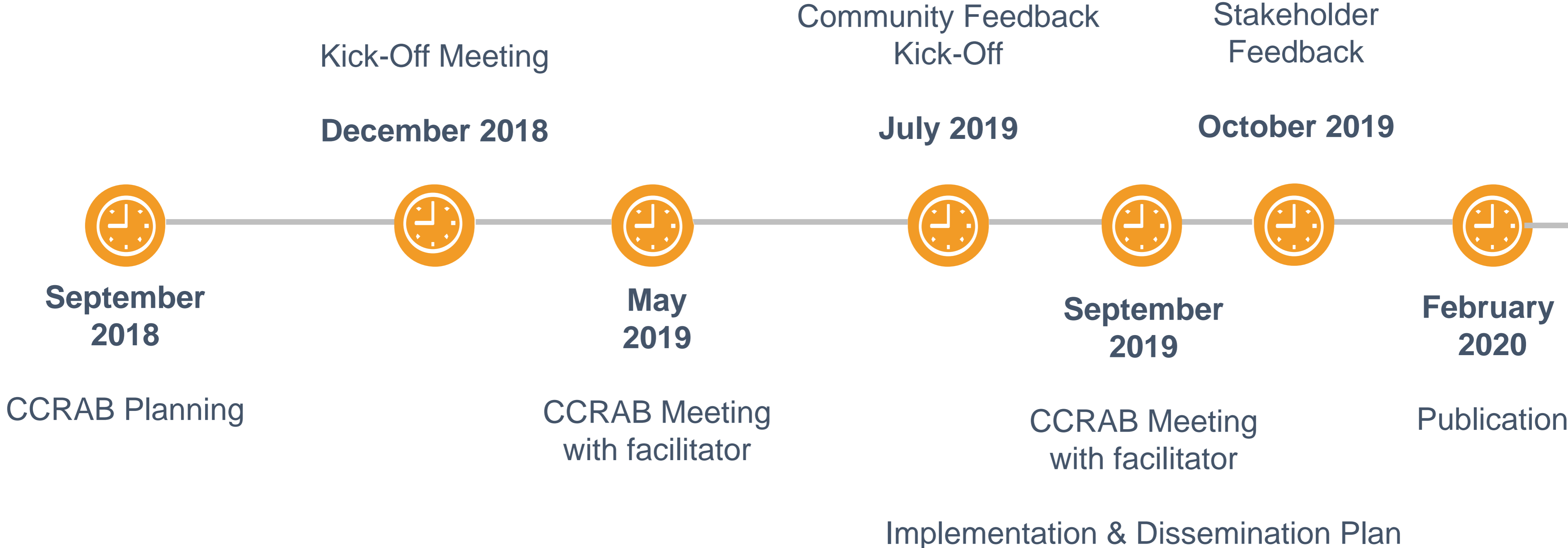
Southeast Region:
Health Council of South Florida, Inc.
<https://www.healthcouncil.org/sfcc>



Mission: Execute Florida Cancer Plan.

Florida Cancer Plan Revision

2020 – 2025





Florida Cancer Control & Research Advisory Council

Christopher R. Cogle, M.D.

Chairperson

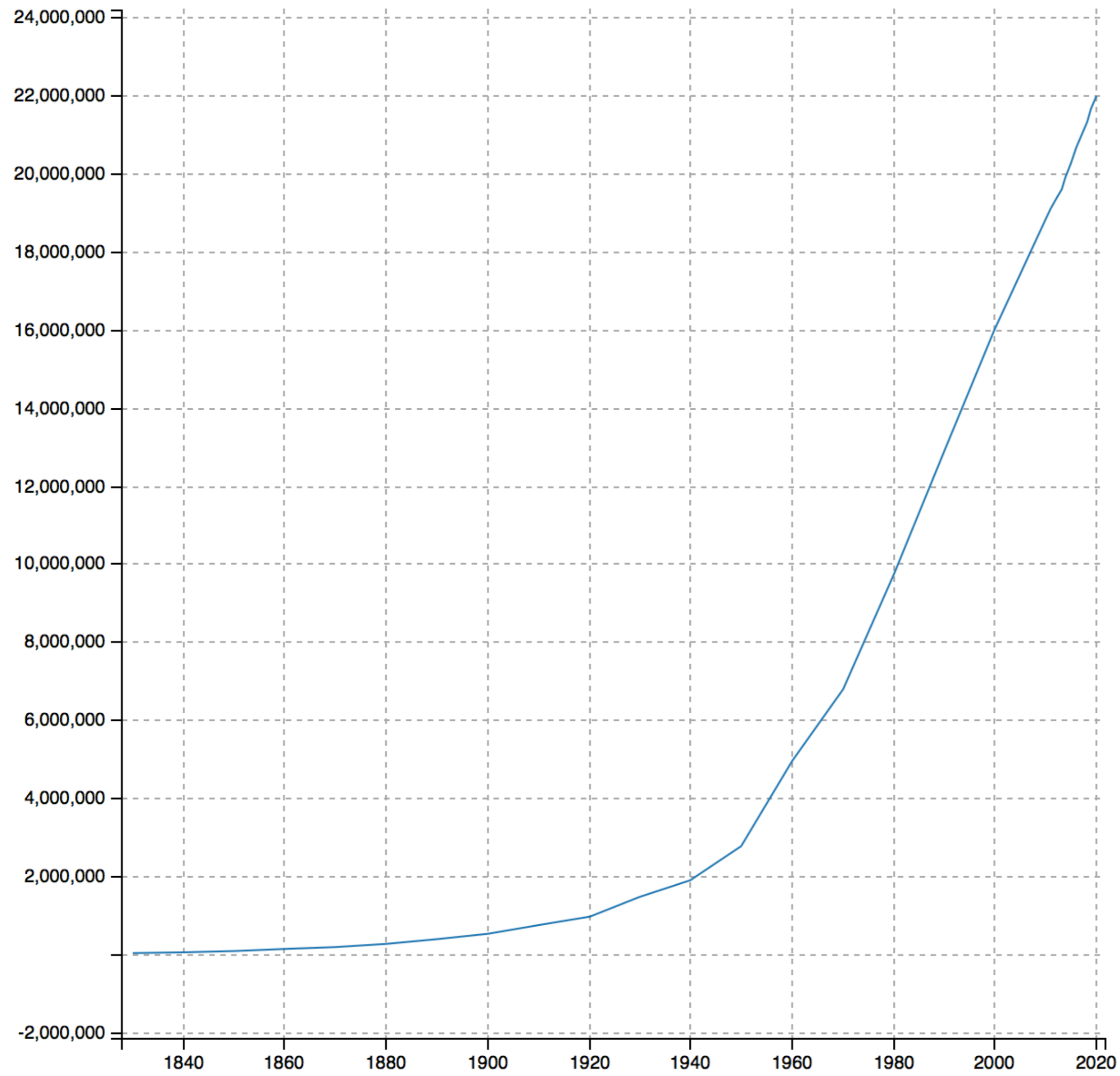
Christopher.Cogle@medicine.ufl.edu

Bobbie McKee, Ph.D.

External Board Manager

Bobbie.Mckee@moffitt.org

Florida Population Growth 1820-2020

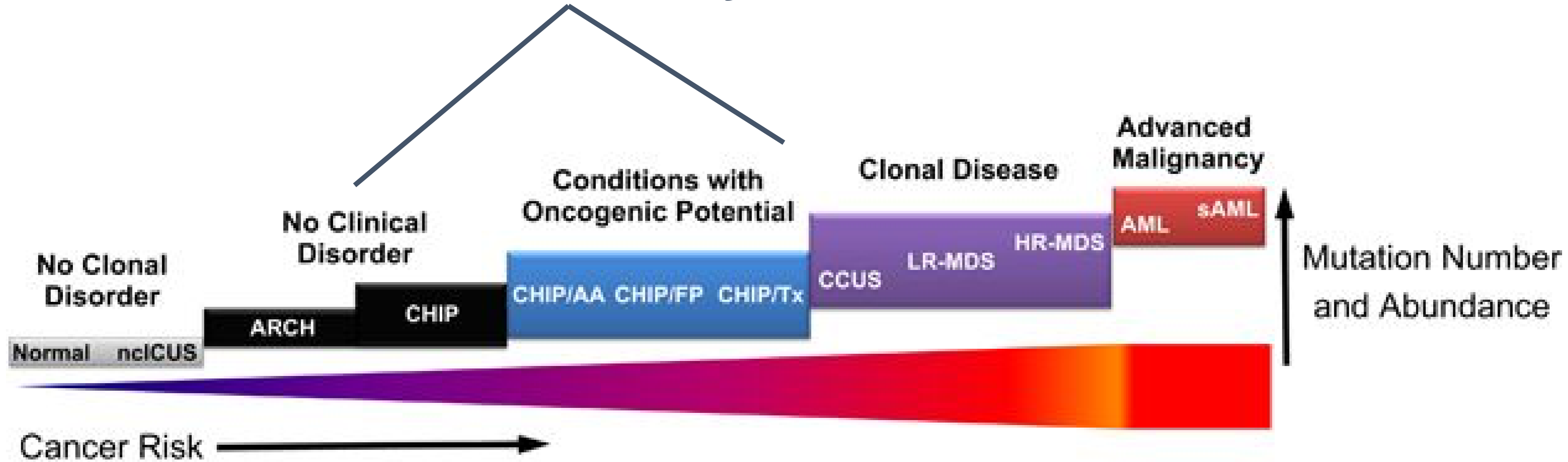


Florida Age Distribution 2015



Source: Florida Population. (2018-01-19). Retrieved 2018-06-05, from <http://worldpopulationreview.com/states/florida-population/>

Circulating Blood with a Gene Mutation in 5-10% of 60-90 year-olds

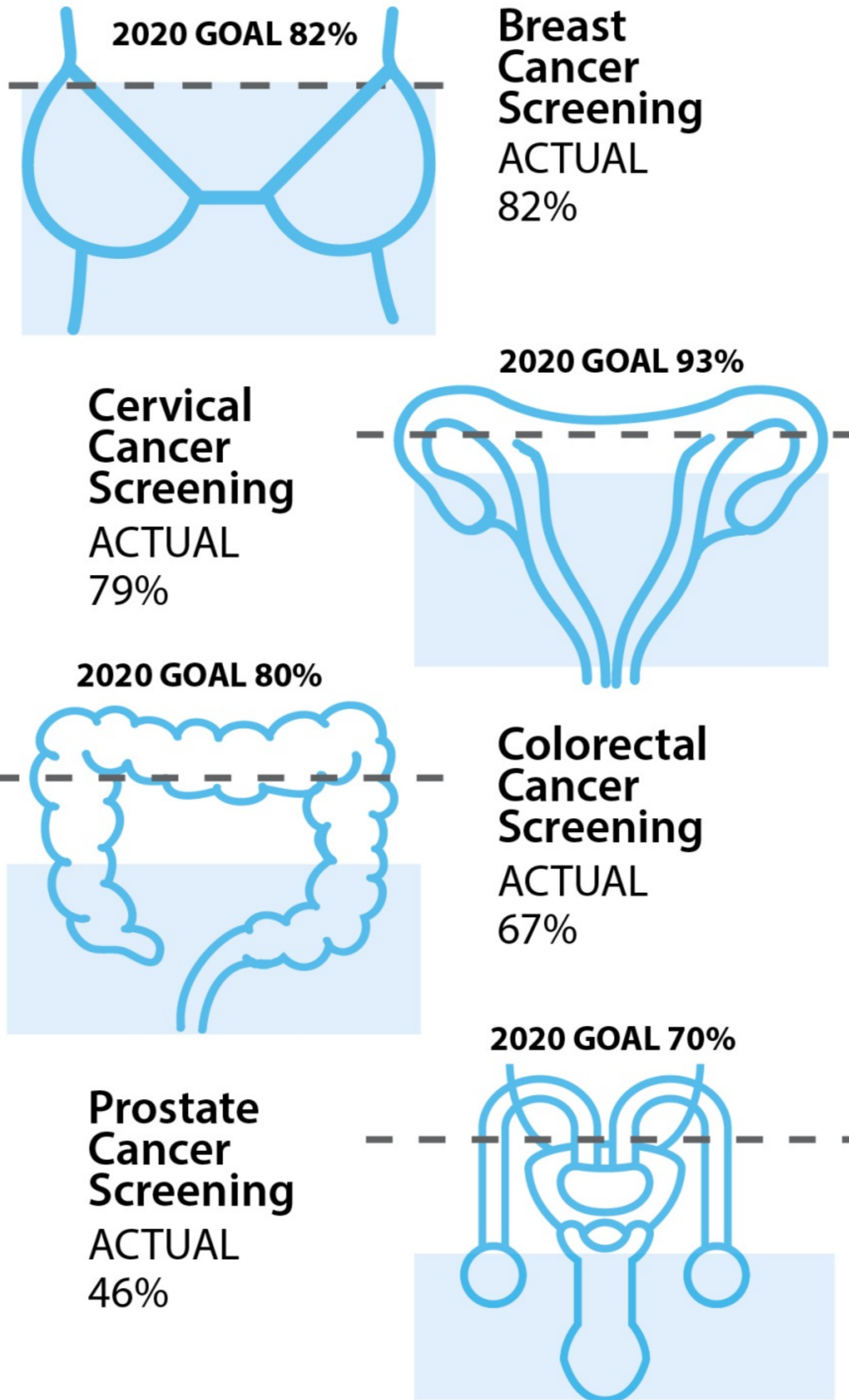


Jaiswal, et al. NEJM 2014
Bejar, et al. *Leukemia* 2017

Florida Cancer Screenings Actual vs 2020 Goals

Simple

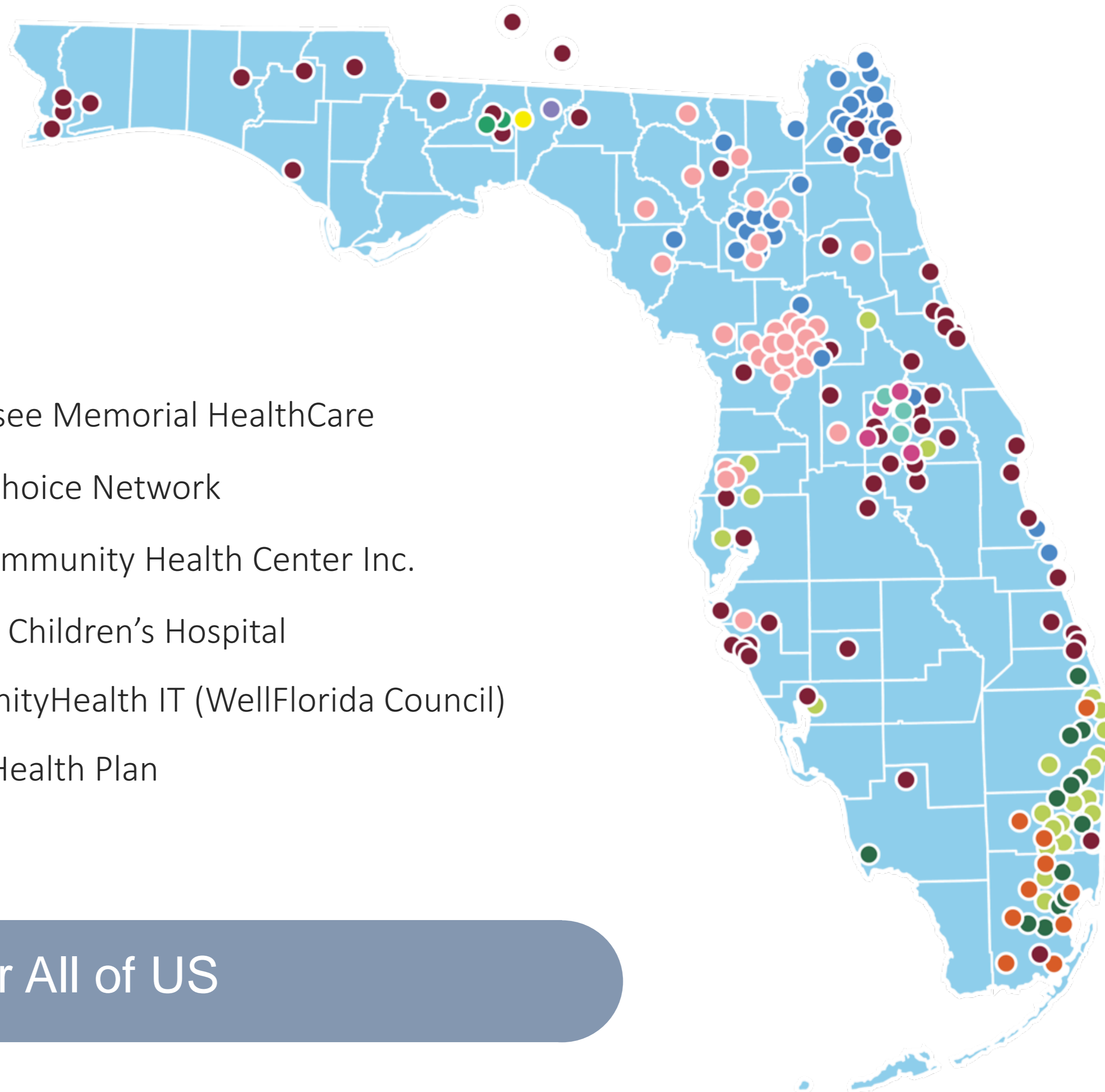
Non-Invasive (ish)



Complex

Invasive

OneFlorida Clinical Research Consortium

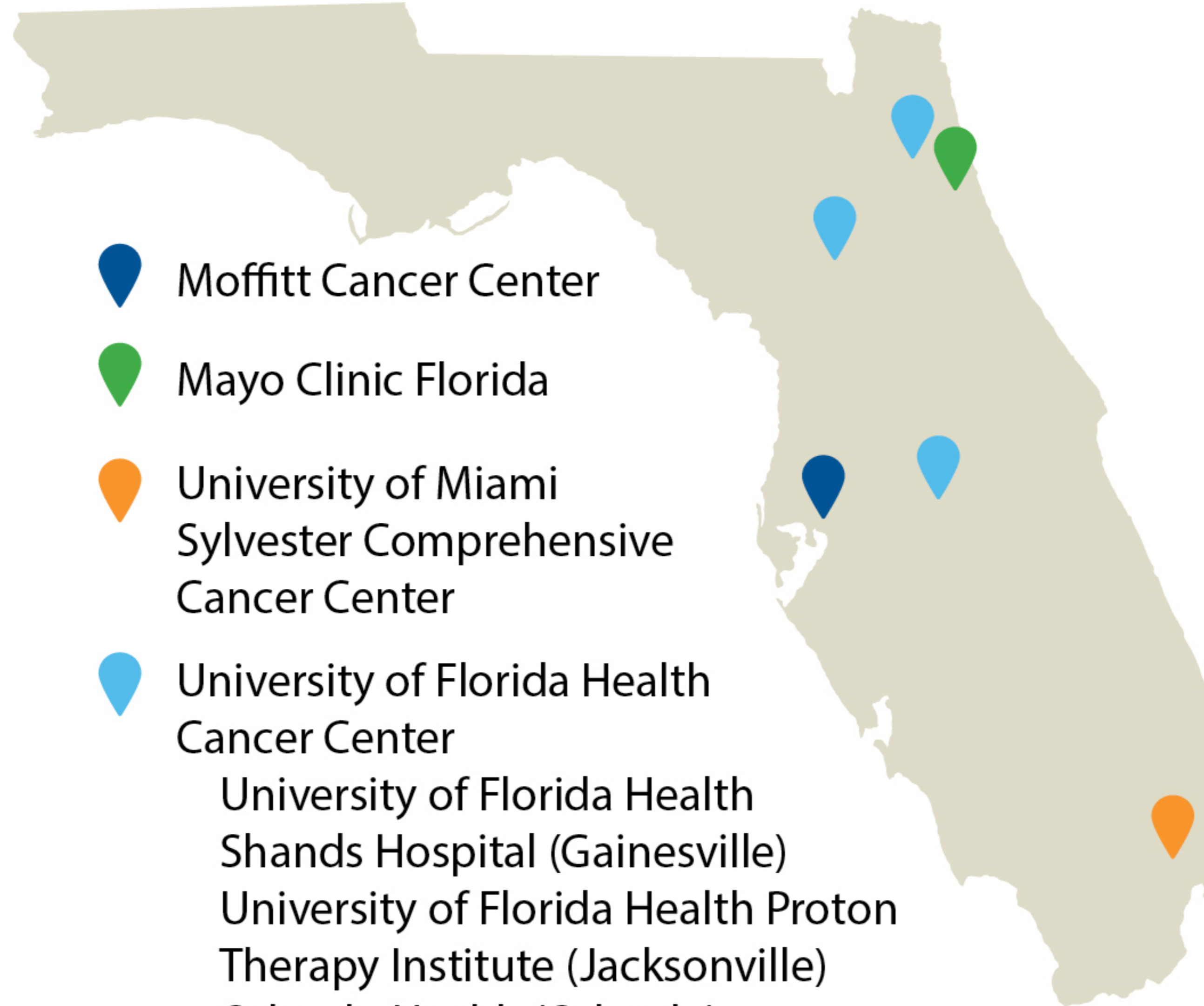


- University of Florida and UF Health
- Florida State University and the Regional Campus Practice Partners
- University of Miami and UHealth
- Orlando Health
- Florida Hospital

- Tallahassee Memorial HealthCare
- Health Choice Network
- Bond Community Health Center Inc.
- Nicklaus Children's Hospital
- CommunityHealth IT (WellFlorida Council)
- Capital Health Plan

Partnering with Emory and Morehouse for All of US

Florida Cancer Centers of Excellence



 Moffitt Cancer Center

 Mayo Clinic Florida

 University of Miami
Sylvester Comprehensive
Cancer Center

 University of Florida Health
Cancer Center

University of Florida Health
Shands Hospital (Gainesville)
University of Florida Health Proton
Therapy Institute (Jacksonville)
Orlando Health (Orlando)