

Update on the Division of Cancer Control and Population Sciences

NCRA

September 29, 2021



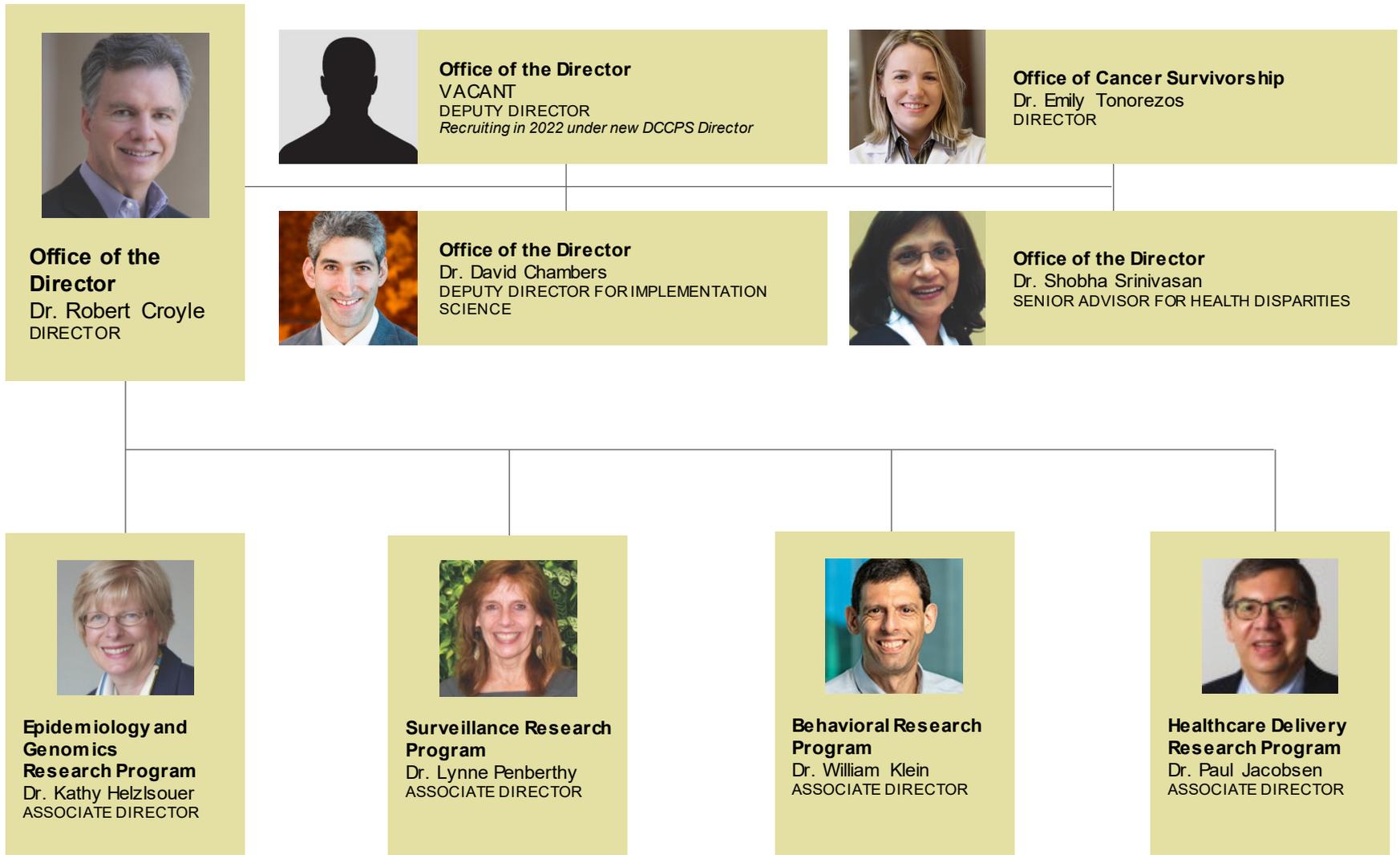
Robert T. Croyle, PhD
Director, Division of Cancer
Control and Population Sciences
National Cancer Institute
National Institutes of Health



Outline

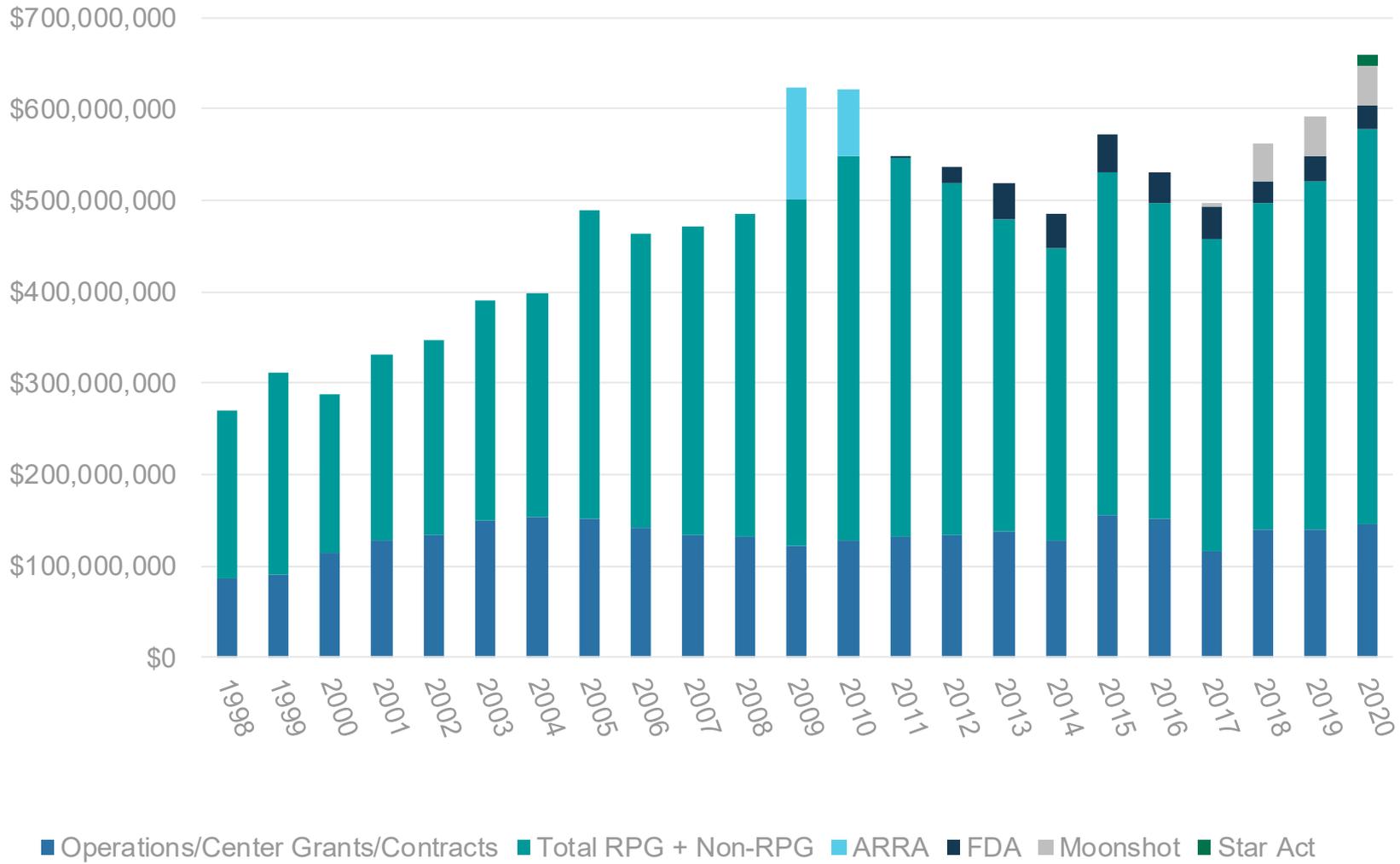
1. *Introduction*
2. *Major Initiatives*
 - *Centers of Excellence*
 - *Cancer Center Supplements*
3. *Health Disparities*
4. *Cancer Surveillance*
5. *Cancer Survivorship*
6. *Future Challenges*
7. *Funding Opportunities*
8. *News and Events*

DCCPS Organizational Leadership





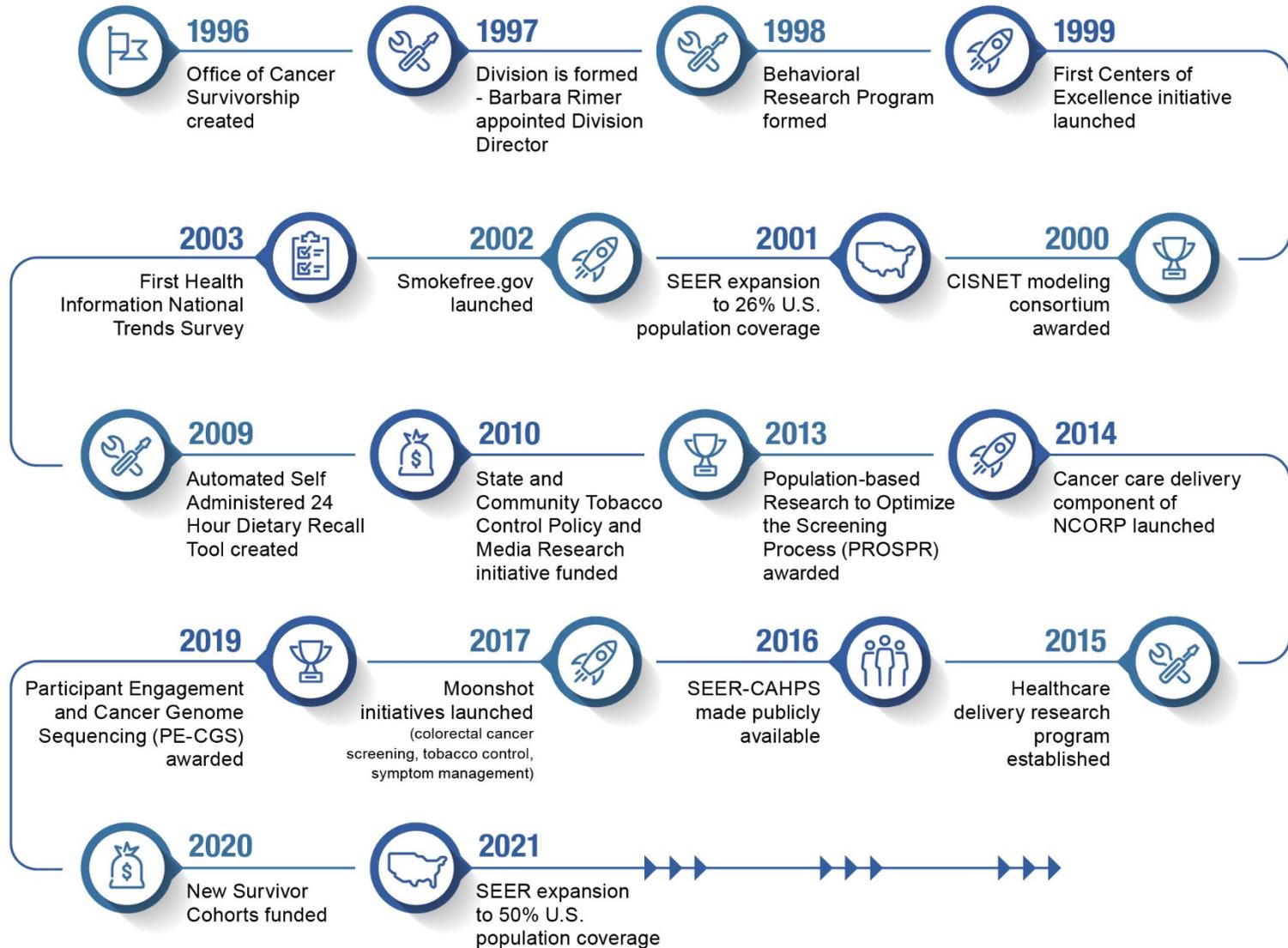
DCCPS Research Funding and Support Dollars, FY 1998-FY2020



Historical Context of DCCPS

- Two 1997 NCI BSA reports highly critical of NCI leadership and programs in prevention and control led to:
 - Creation of DCCPS
 - Substantial recruiting effort
 - Creation of new branches focused on basic behavioral science and health communication
 - Tobacco Research Implementation Group Report
 - Surveillance Research Implementation Group Report
- Development and expansion of productive interagency collaborations
- Strengthening of NCI's role and impact in public health

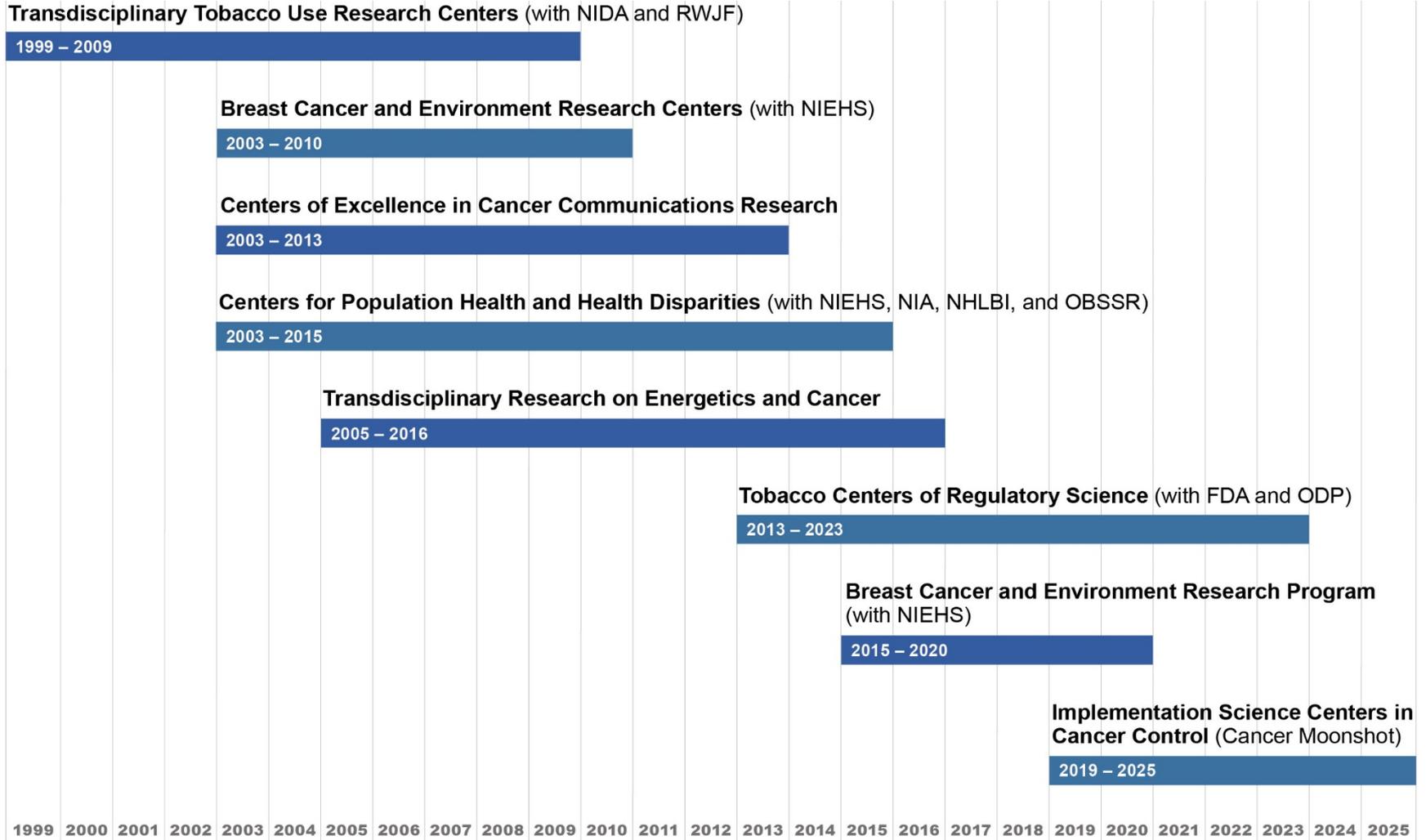
Major Internal Events in the History of DCCPS



CENTERS OF EXCELLENCE INITIATIVES

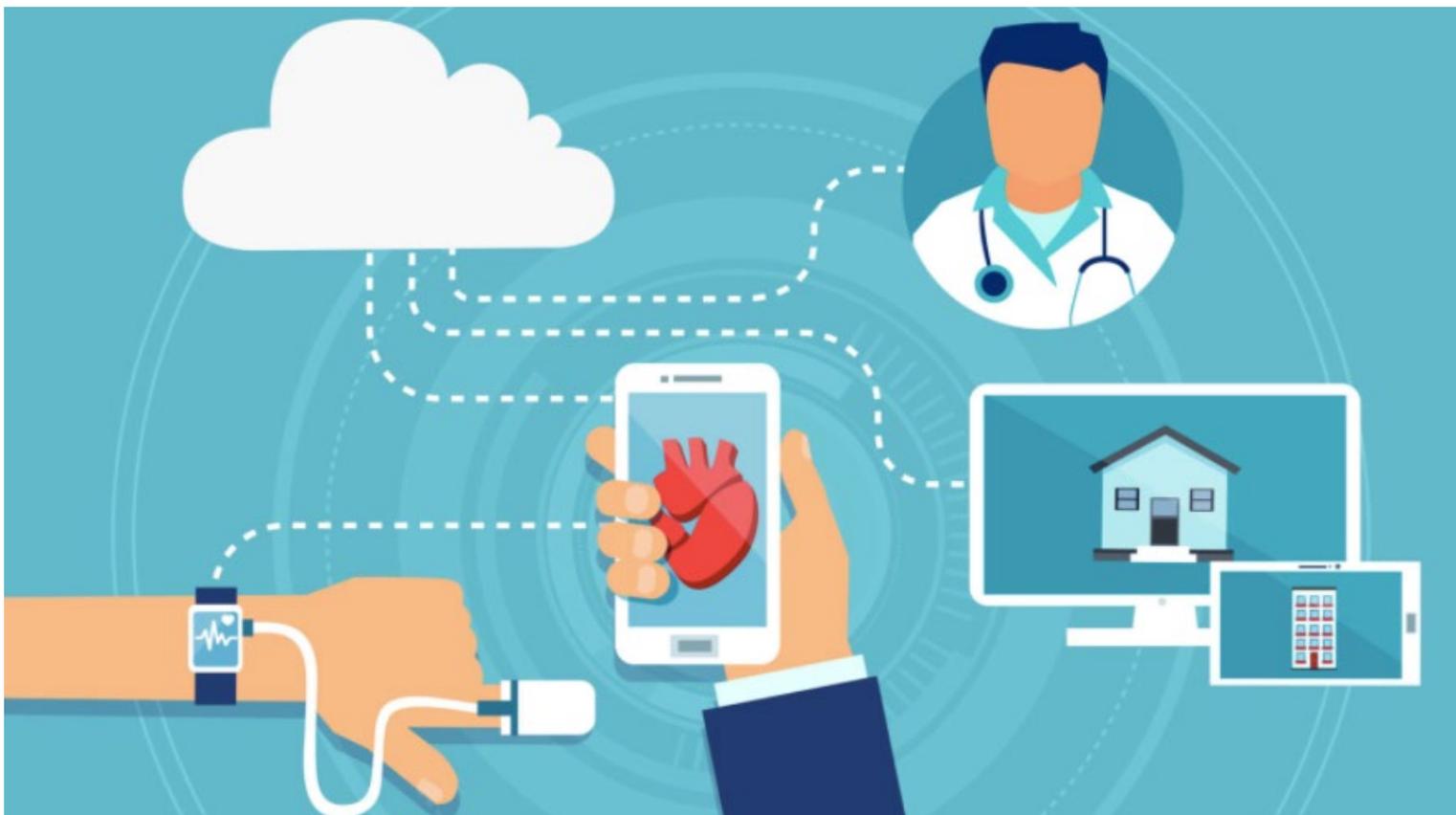


Centers of Excellence Initiatives



What's Next?

- Centers on Telehealth Research and Cancer-Related Care



Future Initiative

- Centers of Excellence for 24 Hour Behavior Patterns



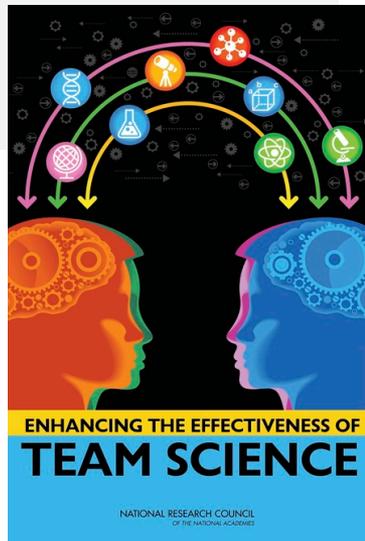
2020-2030 Strategic Plan for NIH Nutrition Research

A Report of the NIH Nutrition Research Task Force



Lessons Learned

- Team formation
- Leadership
- Communication and coordination
- Training
- Institutional policies and structure



Kara L. Hall · Amanda L. Vogel
Robert T. Croyle *Editors*

Strategies for Team Science Success

Handbook of Evidence-Based Principles
for Cross-Disciplinary Science and Practical
Lessons Learned from Health Researchers

 Springer

LEVERAGING NCI-DESIGNATED CANCER CENTERS FOR CANCER CONTROL

DCCPS's CCSG Supplements History

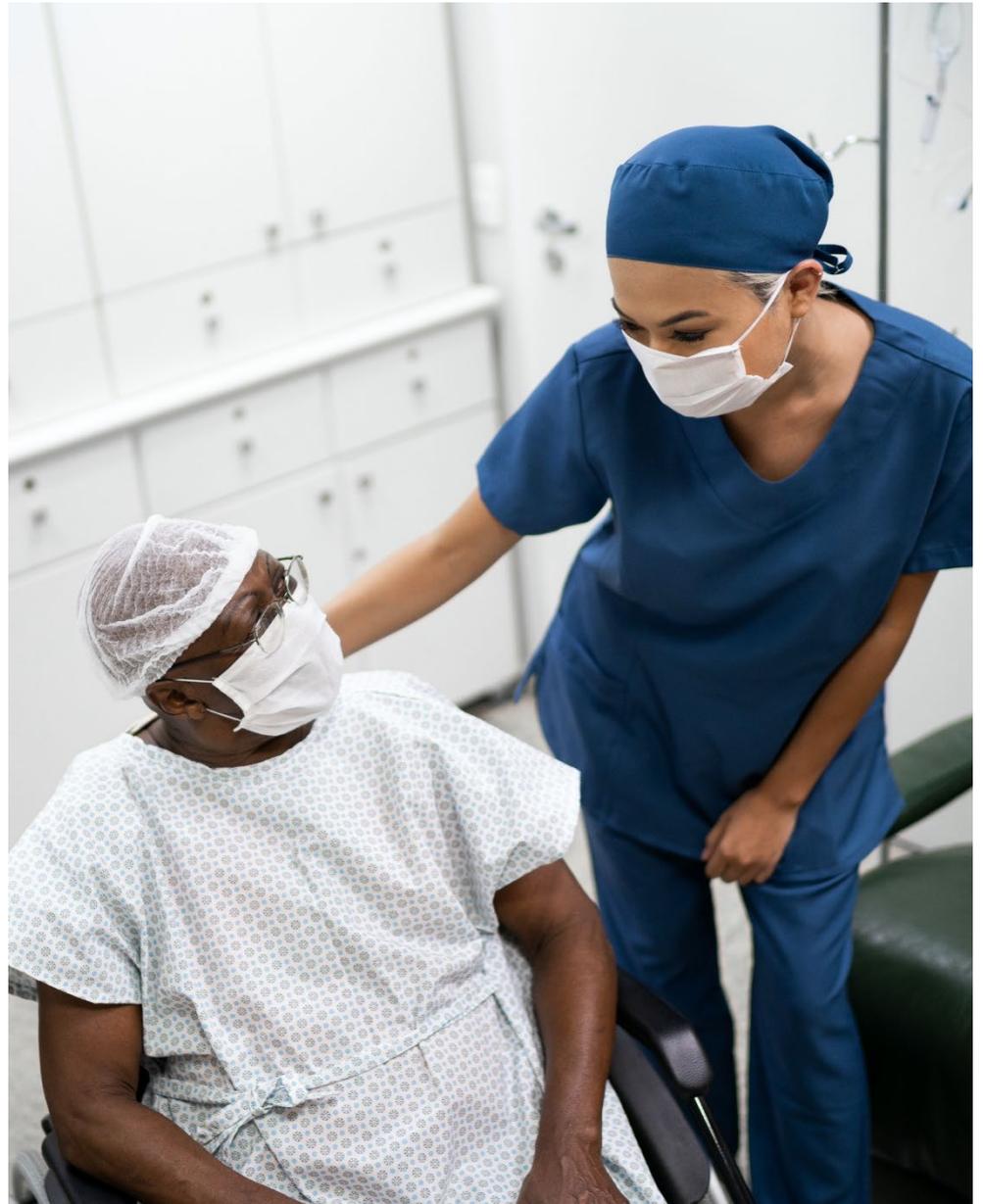
- From FY 2014 – FY 2021
- 261 administrative supplements across 18 initiatives
- \$62.8M
- 62 unique cancer centers; many got funds for more than 1 initiative
- HPV Vaccination Uptake, Catchment Areas, Tobacco Cessation, Rural & AI/AN, Aging, Cannabis Use, CCDI, COE, Financial Hardship, Cancer Survivorship in Children.

The screenshot shows the National Cancer Institute (NIH) website page for 'Cancer Control in NCI-Designated Cancer Centers'. The page includes a navigation menu with options like Home, Program Areas, Research Portfolios, Funding Opportunities, Publications & Data, Research Emphasis, and About DCCPS. A search bar is located in the top right corner. The main content area features a 'SECTION MENU' with links to Health Disparities, Cancer Control in NCI-Designated Cancer Centers (the current page), and Cancer Moonshot. The main text describes DCCPS support for NCI-designated P30 Cancer Centers and lists current initiatives in a grid format:

- Cancer and Aging
- Community Outreach and Engagement (COE) Activities Across the Translational Research Continuum
- Financial Hardship During Cancer Treatment
- HPV Vaccination Uptake
- National Childhood Cancer Registry
- Patterns of Cannabis use Among Cancer Patients
- Population Health Assessment in Cancer Center Catchment Areas
- Rural Cancer Control
- Tobacco Cessation

CCSG Supplements: What's Next

- Cannabis use, cont.
- Nicotine reduction in cigarettes
- Supporting HRSA clinic collaborations concerning cancer screening

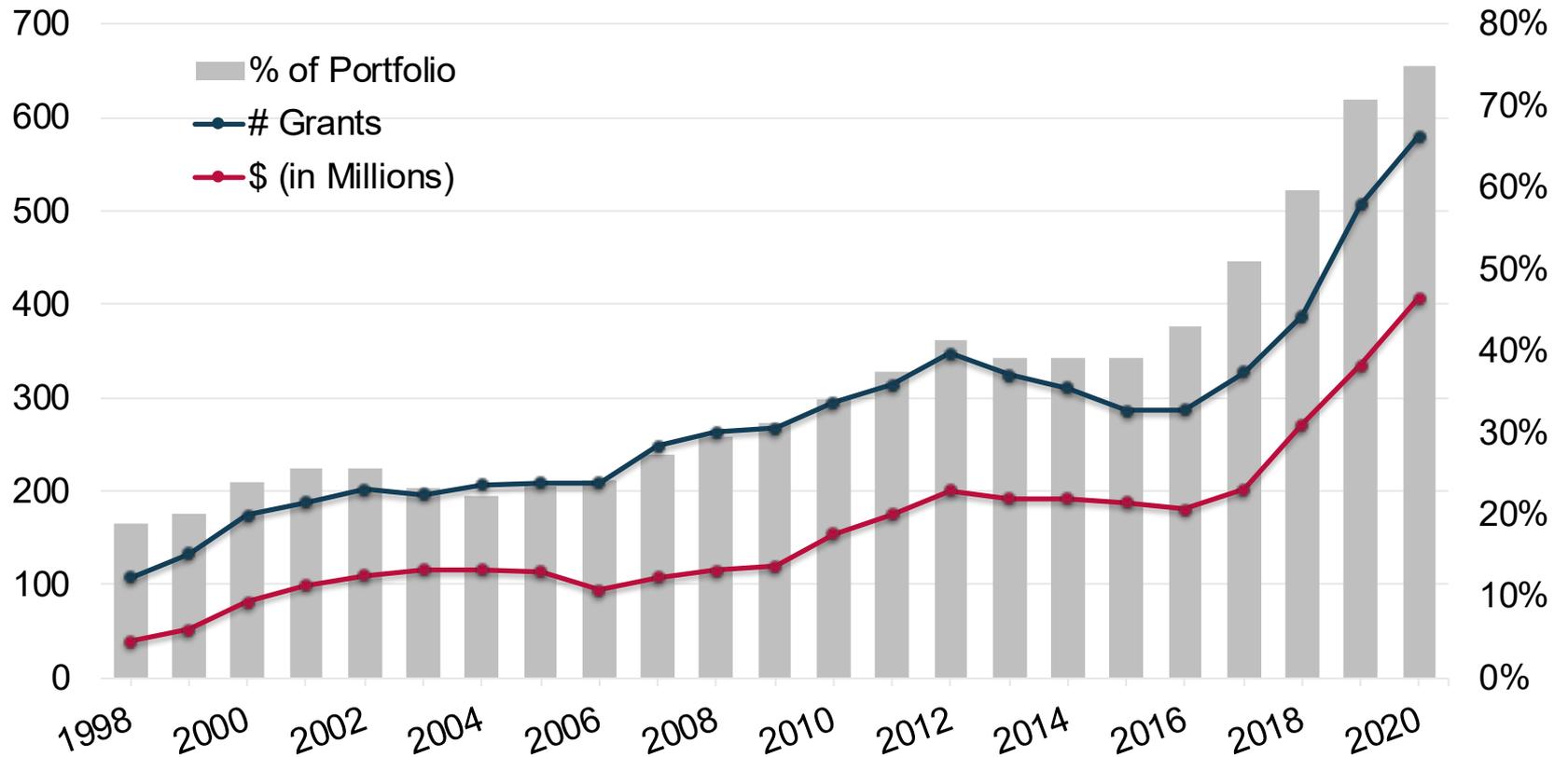


HEALTH DISPARITIES

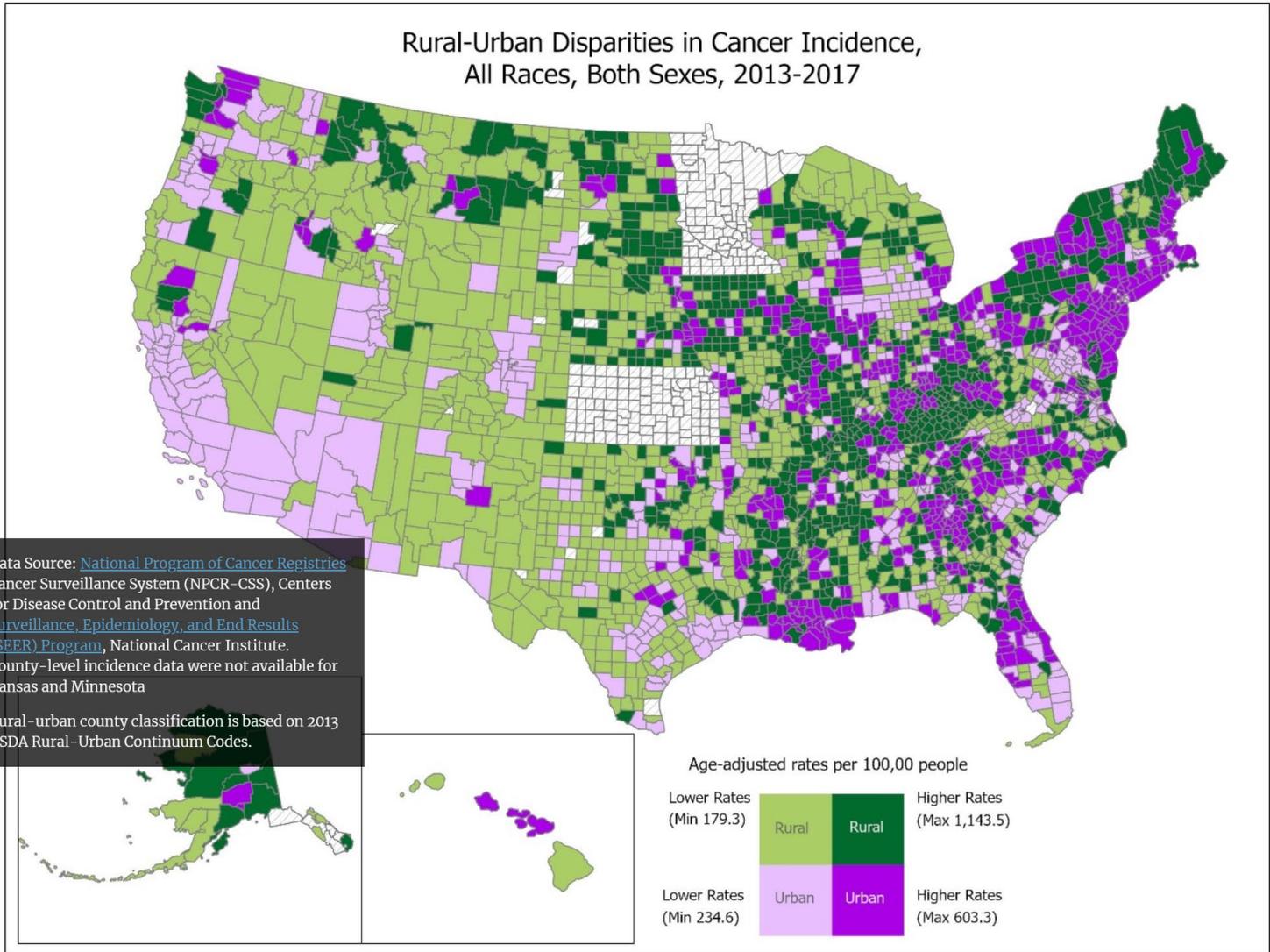
DCCPS HD Portfolio Trends, FY 1998-FY 2020

FY20 HD Summary

Total HD Awards	Total DCCPS Awards	% HD	Dollars in Millions
580	767	75.6	\$407

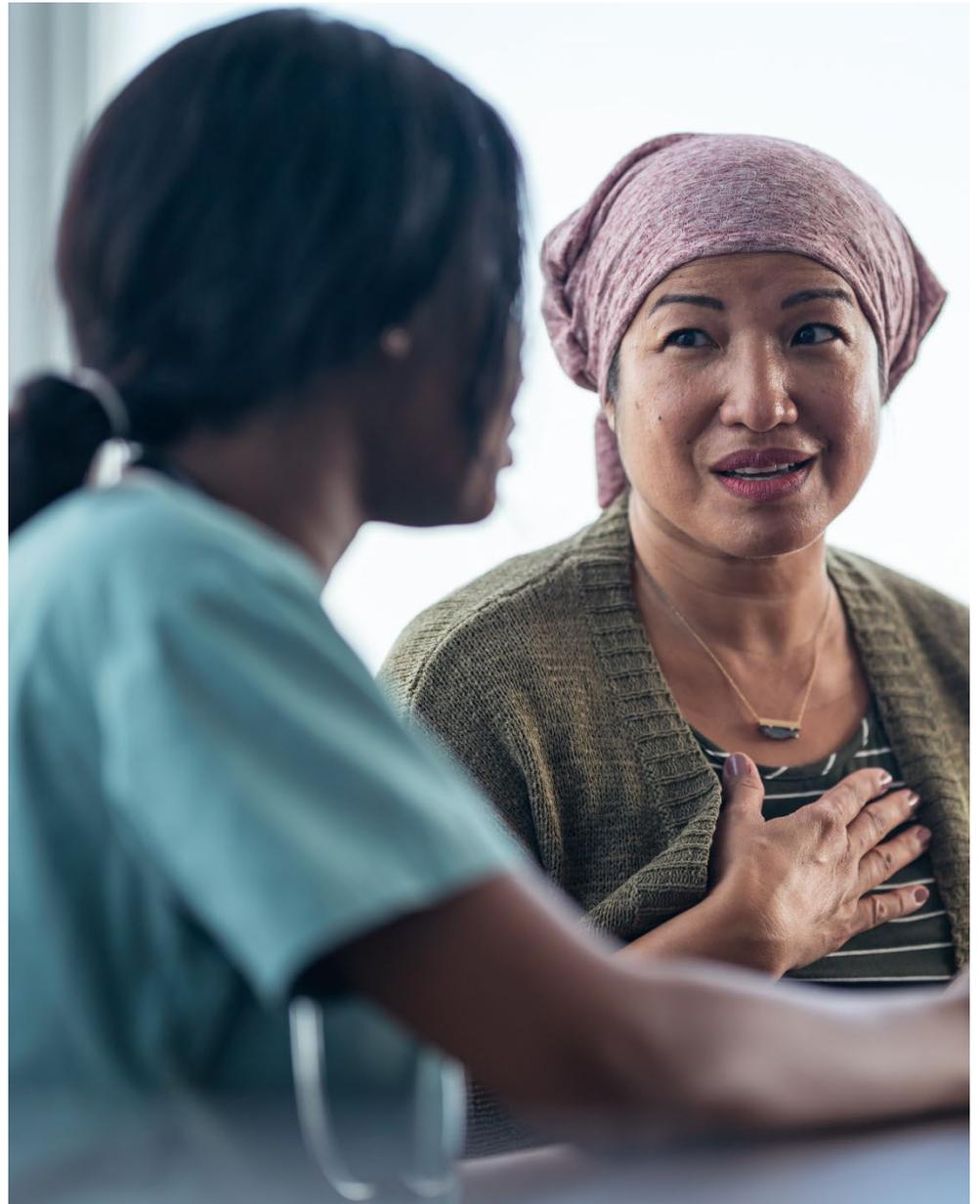


Rural-Urban Disparities in Cancer Incidence, All Races, Both Sexes, 2013-2017



Future Opportunities

- AI/AN cancer control
- Sexual and gender minorities
- Regions in persistent poverty
 - P01 NOSI in NIH Guide
 - RFA planned for FY23 funding
- ARPA-H?

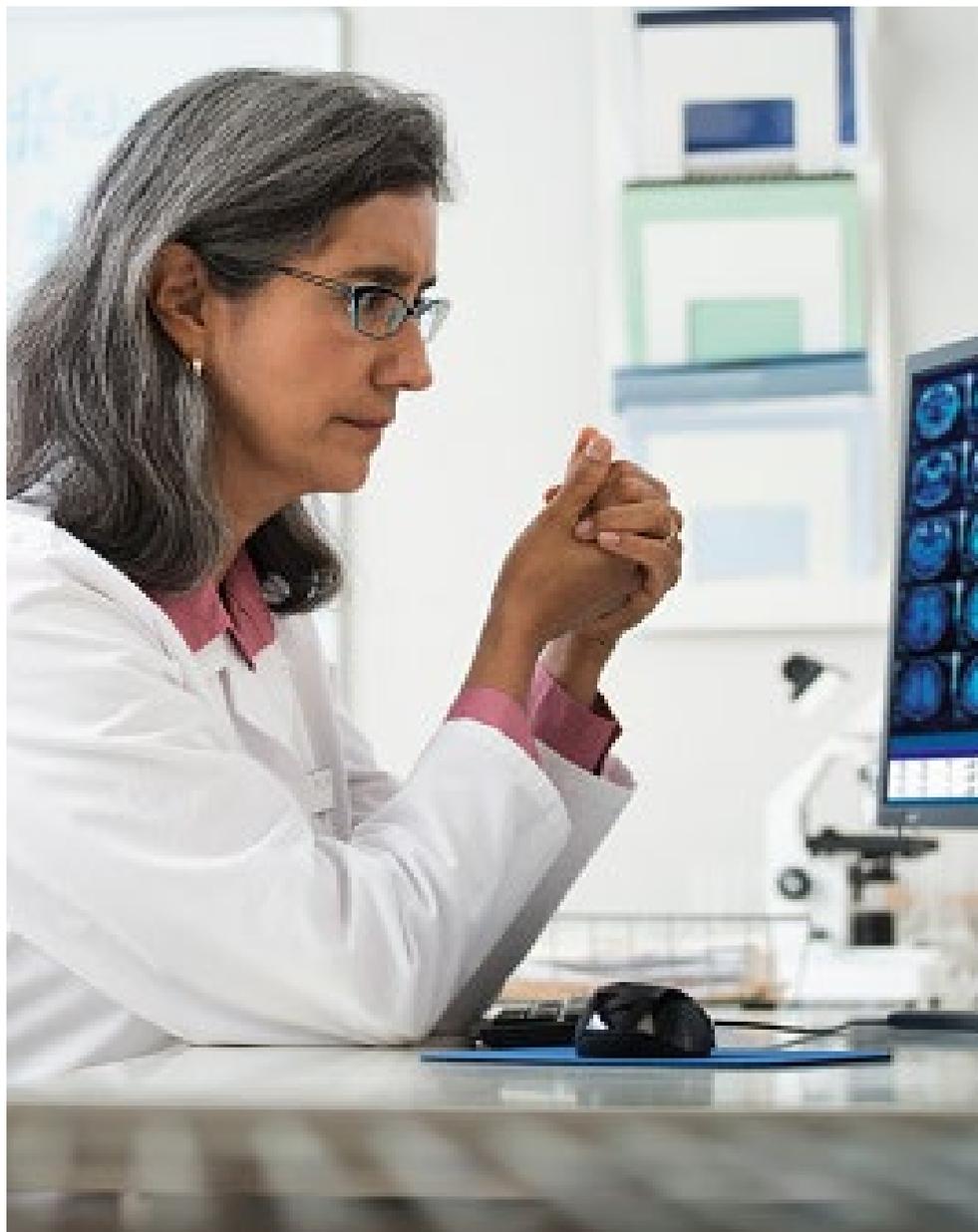


CANCER SURVEILLANCE

Reasons for SEER Expansion 2021

In order to represent real-world data at the population level:

- Increase data coverage to:
 - Enable reporting of trends in more refined, clinical categories such as:
 - histologic subtype
 - biomarkers status
 - treatment categories
 - and by important population subgroups
- As of June 1, 2021, SEER now covers ~50% of the US population
 - Represents >850,000 incident cancers reported annually

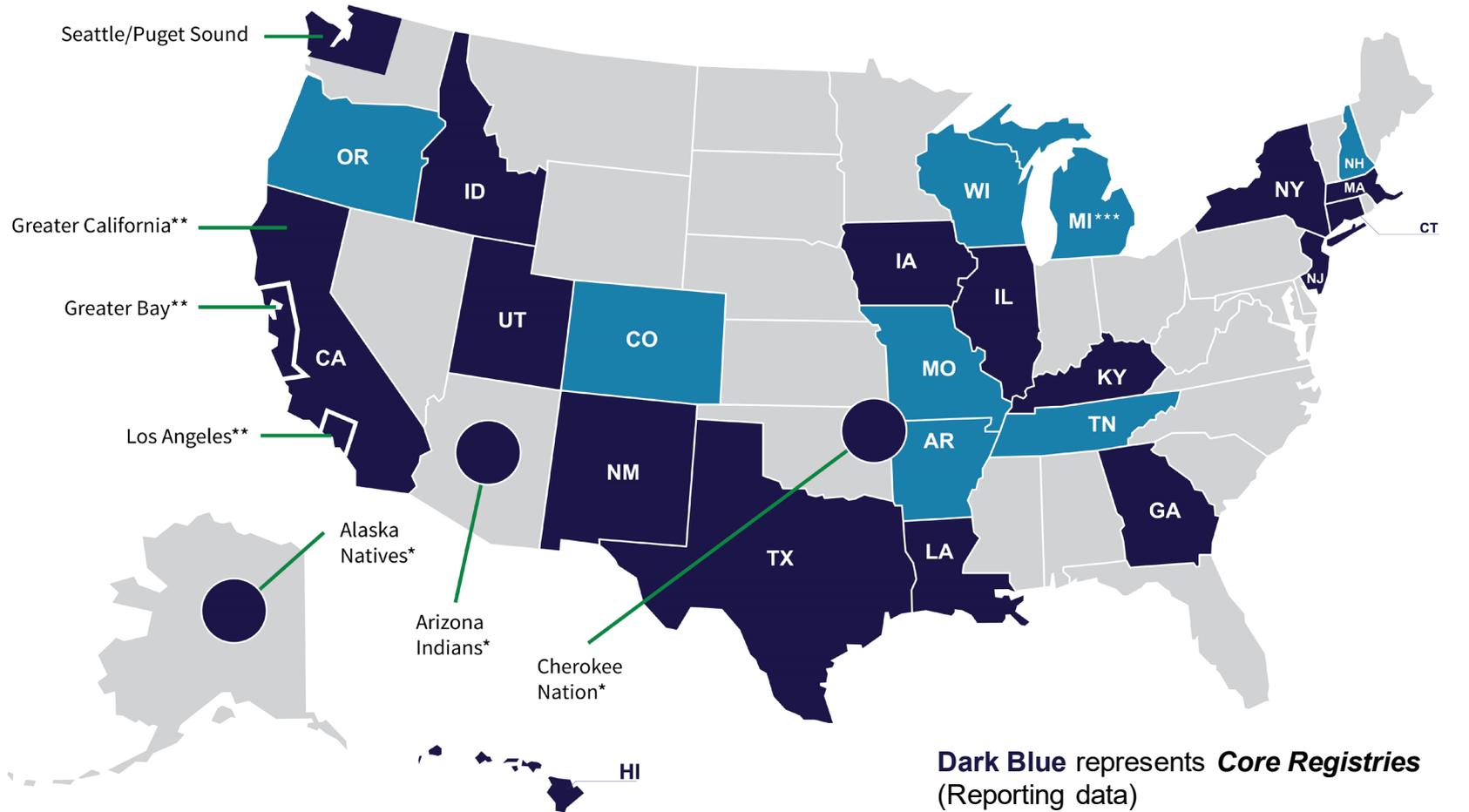


Percent Increase for US Population Subgroups with SEER Expansion May 2021

Total Population	White	Black	AI/AN	Asian	Native HI/PI
13.3%	12.5%	14.6%	6.5%	14.6%	5.0%

2 or more Races	Chinese	Filipino	Japanese	Hispanic
12.3%	11.3%	12.5%	6.1%	25.2%

Map of SEER Program, June 1, 2021



Dark Blue represents *Core Registries* (Reporting data)

Light Blue represents *Research Support Registries*- participate in special projects

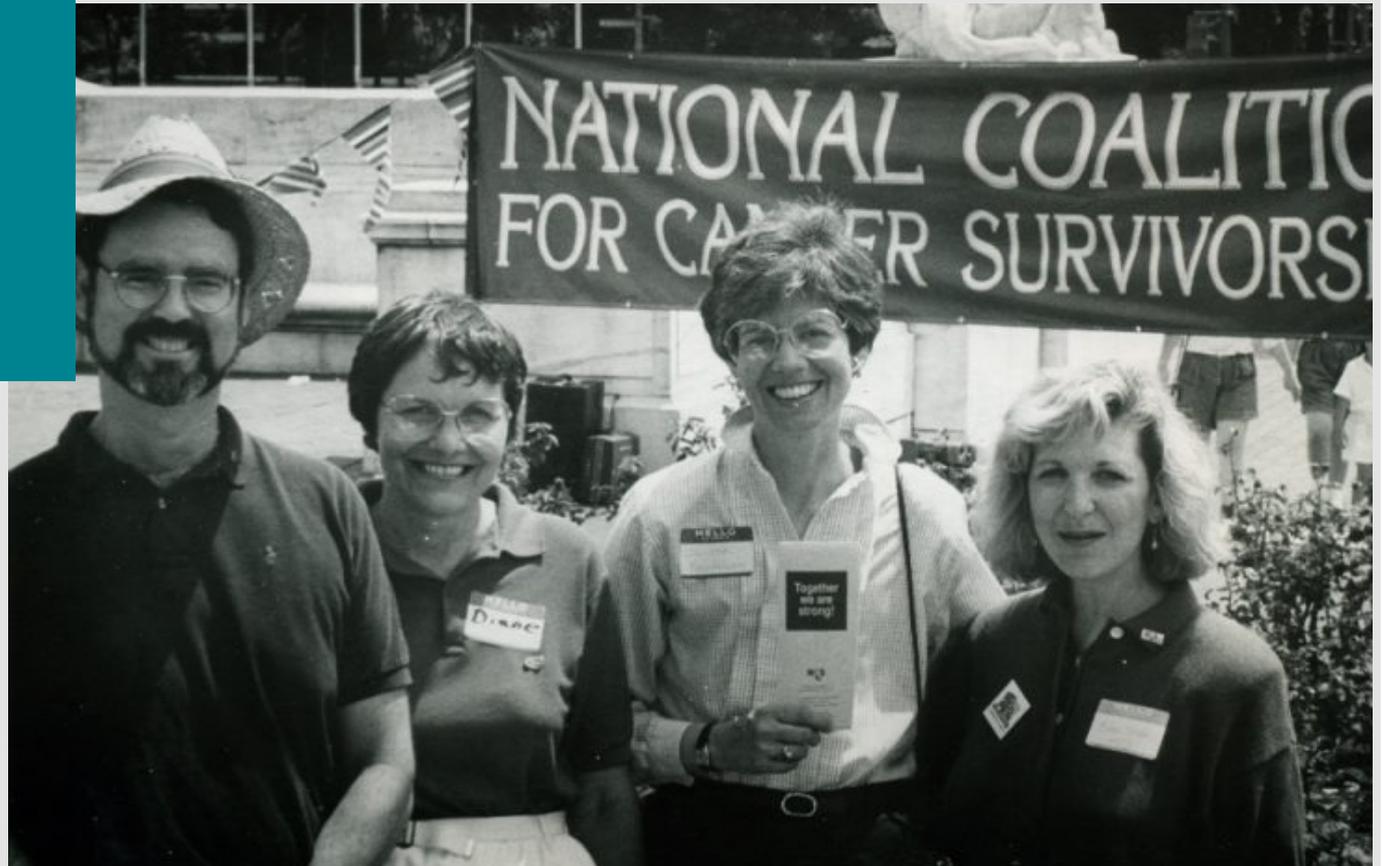
CANCER SURVIVORSHIP

Goals for the Office of Cancer Survivorship

- 
- A tall, white lighthouse stands on a rocky coastline. The lighthouse is cylindrical with a lantern room at the top. The sky is a deep blue with some clouds. The ocean is visible in the background, and the foreground shows rocky terrain.
- Support survivorship researchers
 - Build infrastructure
 - Leverage expertise
 - Generate collaborations
 - Promote understudied research areas

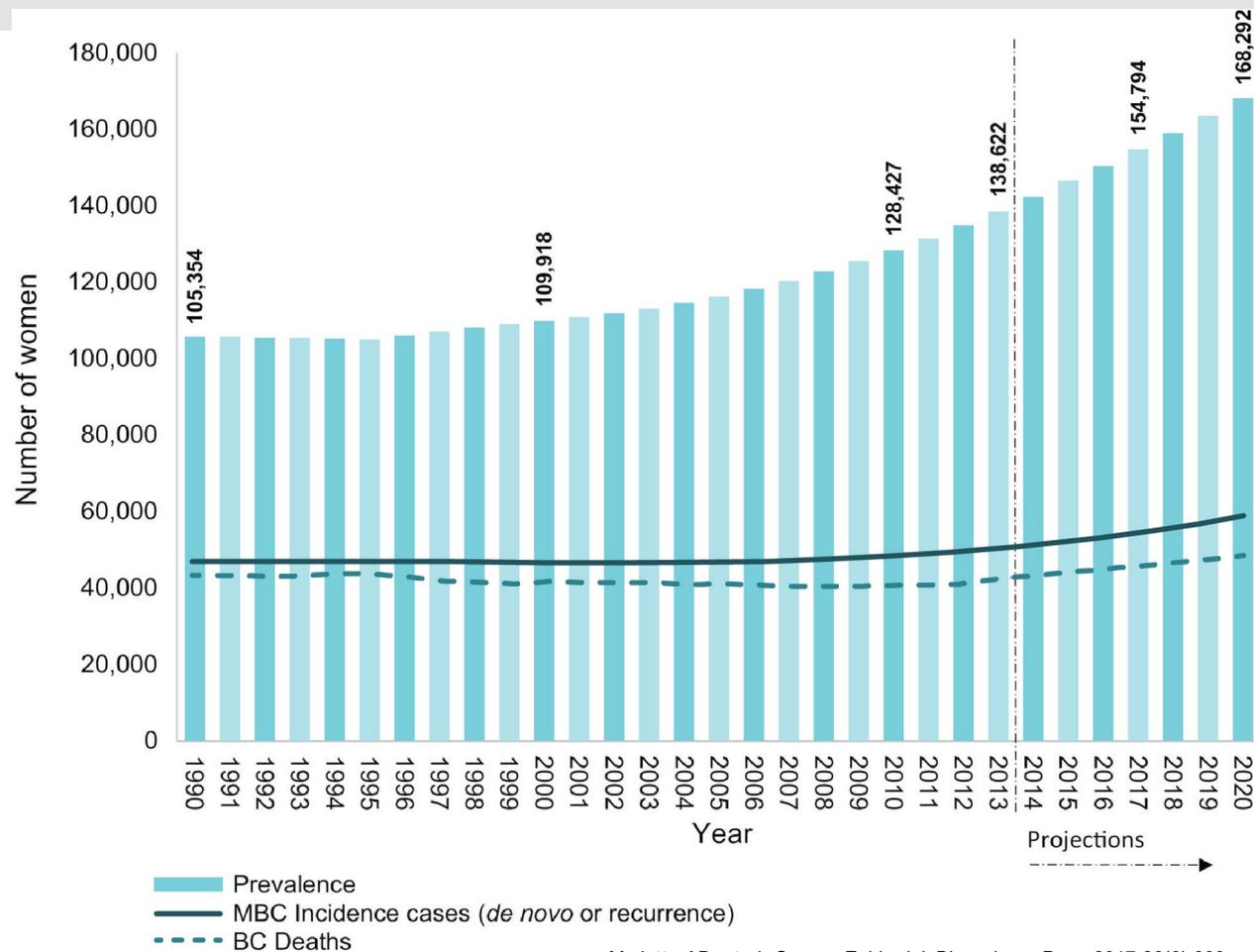
Definition of Cancer Survivor: From Diagnosis

First developed
by NCCS to
define the
population and
move away
from the term
“cancer victim”



Growing Population

Survivors with advanced and metastatic cancer are growing in number.

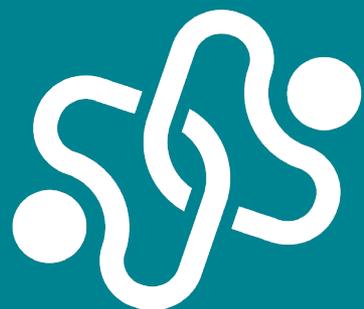


Mariotto AB, et al. *Cancer Epidemiol Biomarkers Prev.* 2017;26(6):809-815.

Definition of Cancer Survivor: Updated

- An individual is considered a cancer survivor from the time of diagnosis, through the balance of life.
- Survivors include those living with cancer and those free of cancer.

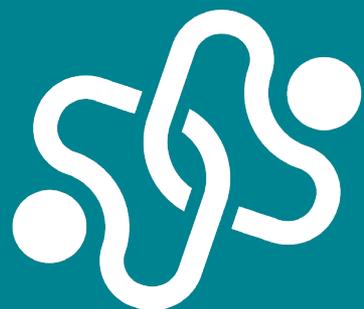




Defining the Population: Survivor Living with Cancer

- Diagnosed with metastatic or advanced cancer or with cancer that has progressed from early-stage to metastatic.
- Can be on or off treatment.

The goal of care is to prolong life without expectation of cure.



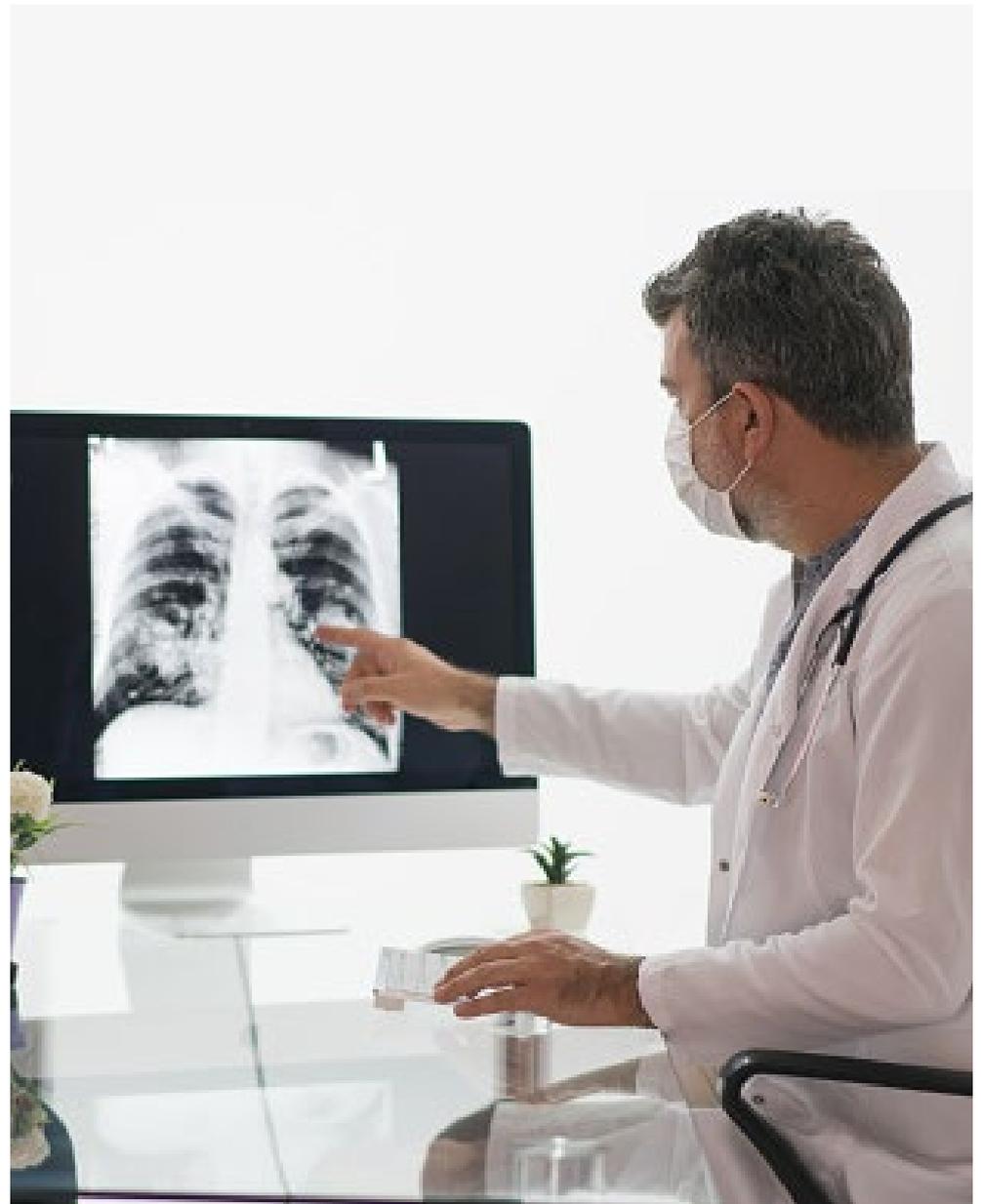
Priorities:

- Survivorship among those living with advanced and metastatic cancer
- Childhood cancer survivorship
- Disparities among cancer survivors
- Conducting longitudinal studies as well as longer-term follow-up studies
- Leveraging existing data
- Incorporating implementation science strategies
- Survivor cohort studies (3 awards in FY21)

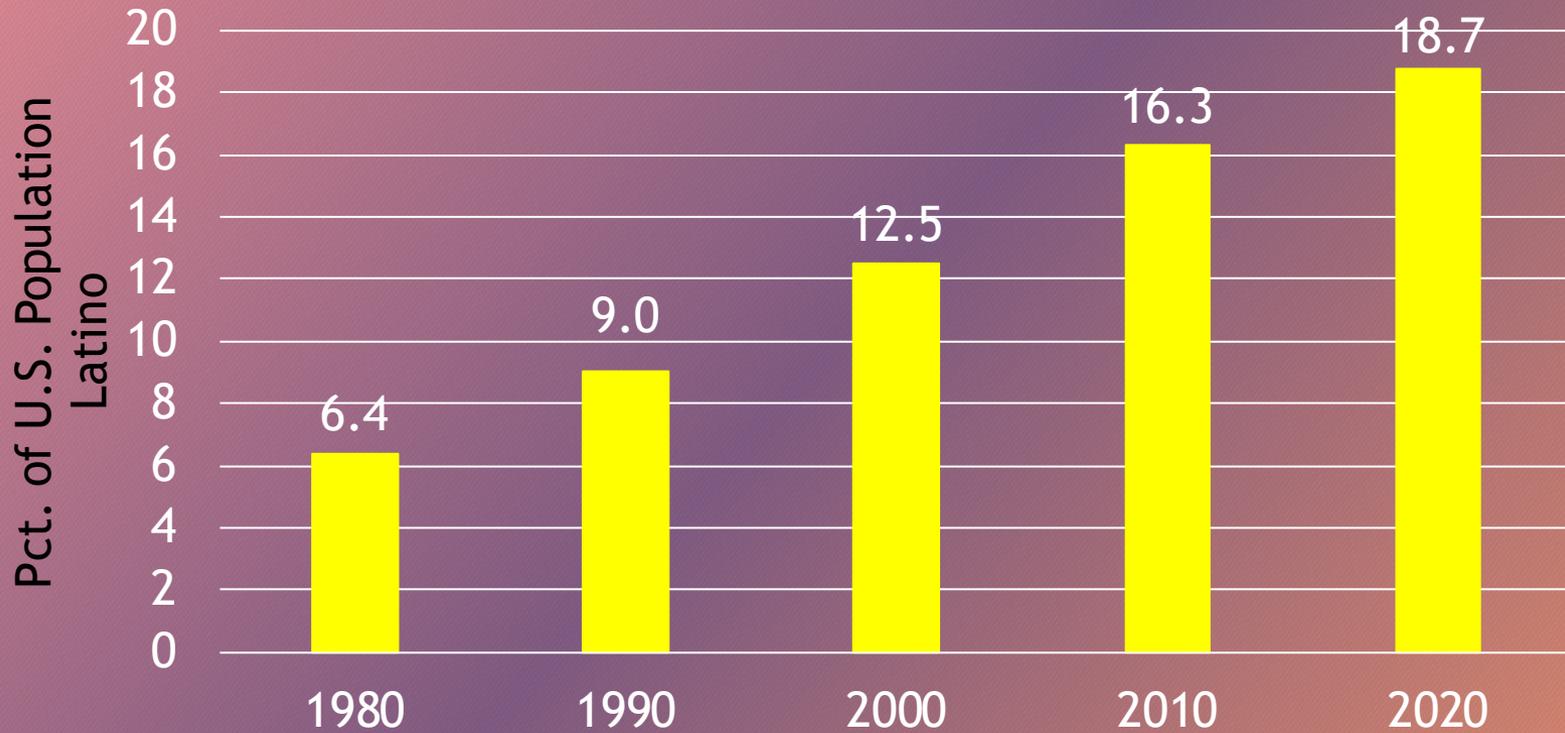
FUTURE

Future Challenges

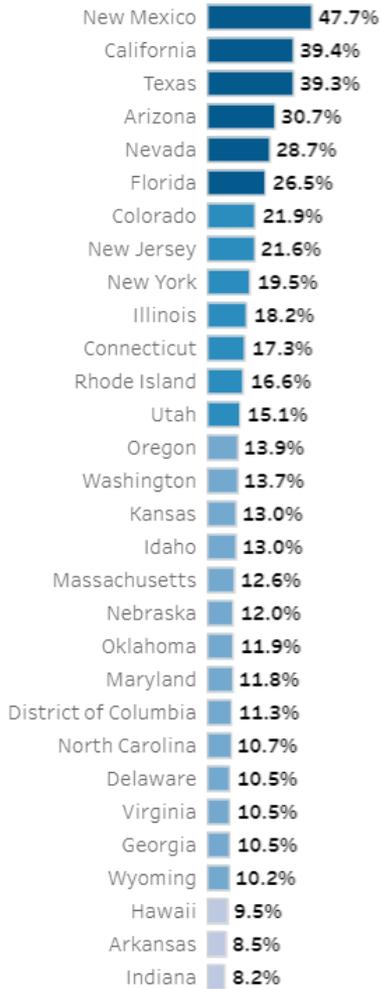
- Revitalize Key Partnerships
 - ACS/CDC/NCI (e.g., lung cancer screening post COVID)
 - NIEHS (new cohorts for environmental exposures and cancer risk – RFA funding plan to SPL, Aug 17, 2021)
 - Trans-NIH (obesity, nutrition, and physical activity; behavioral prevention trials)
 - Cancer center community outreach and engagement



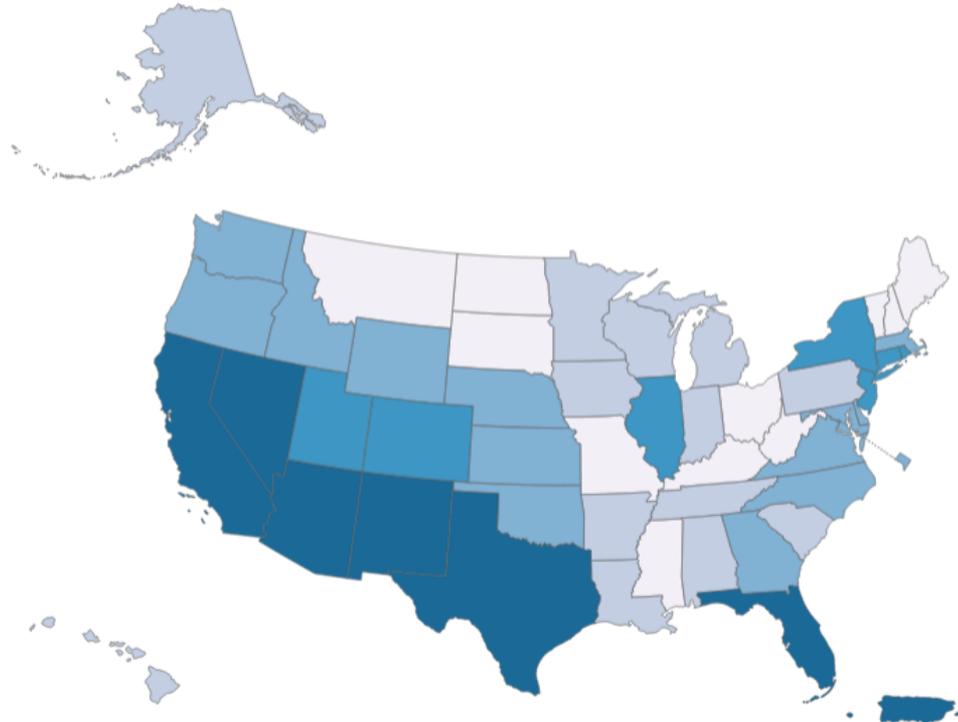
Percent of U.S. Population Latino, 1980 to 2020



U.S. States

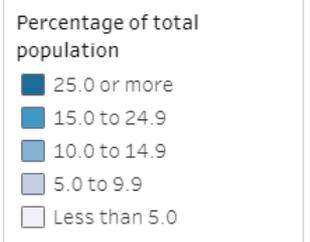


**Percent Hispanic or Latino
by State: 2020**
United States: 18.7%

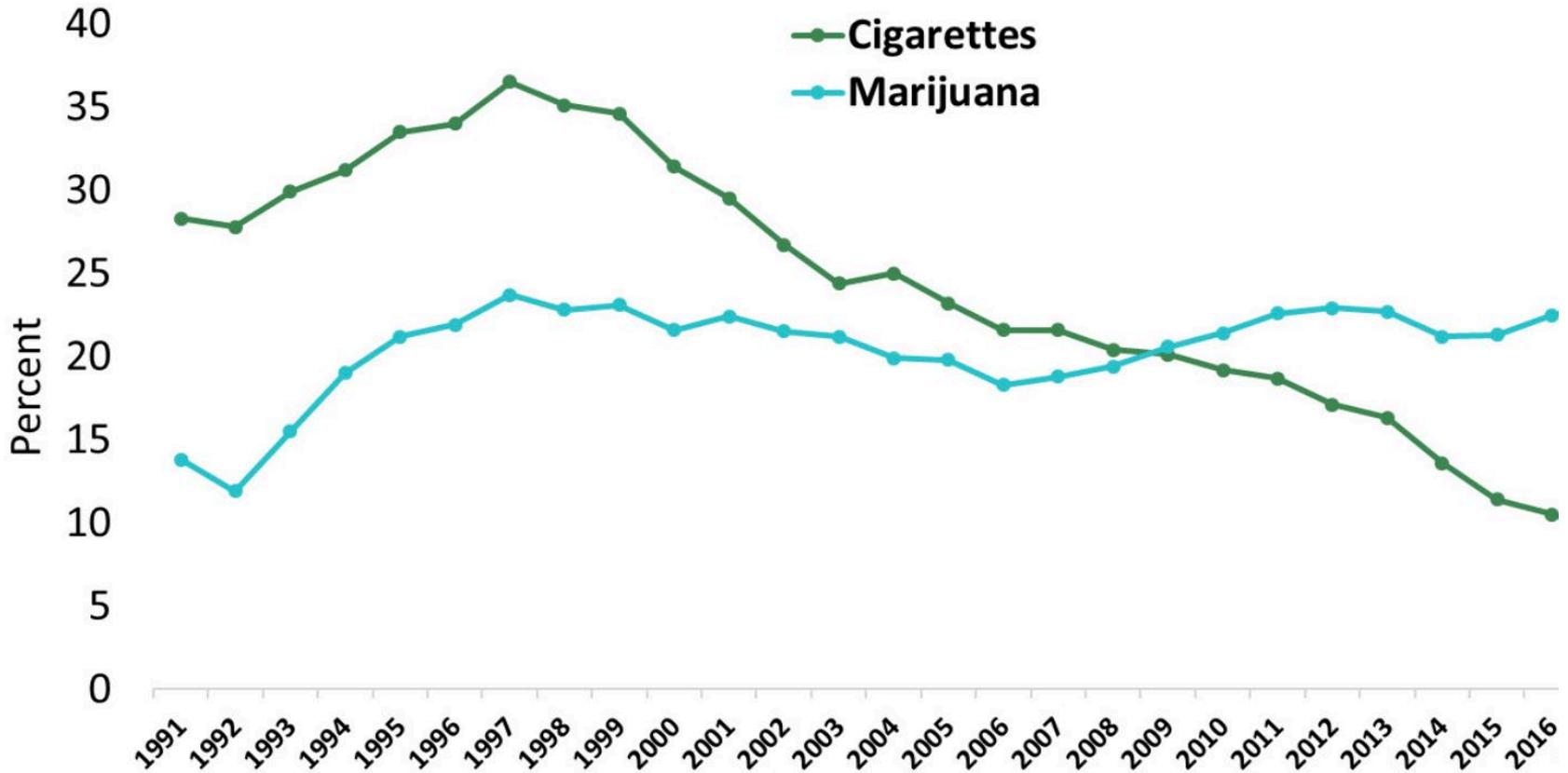


Interested in viewing counties?
Use the filter to select a state then click the arrow to view counties.

Alabama ▼

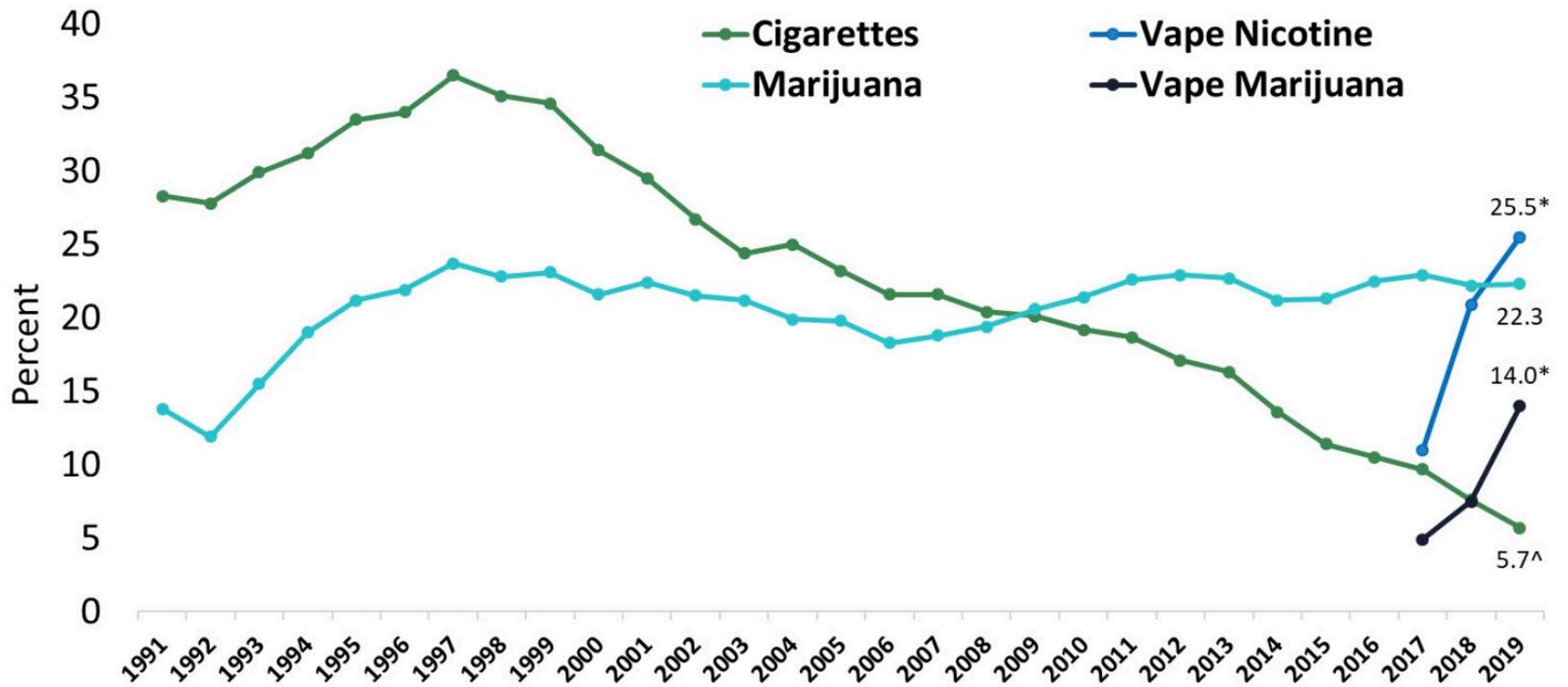


Prevalence of Past-month Use, 12th Grade



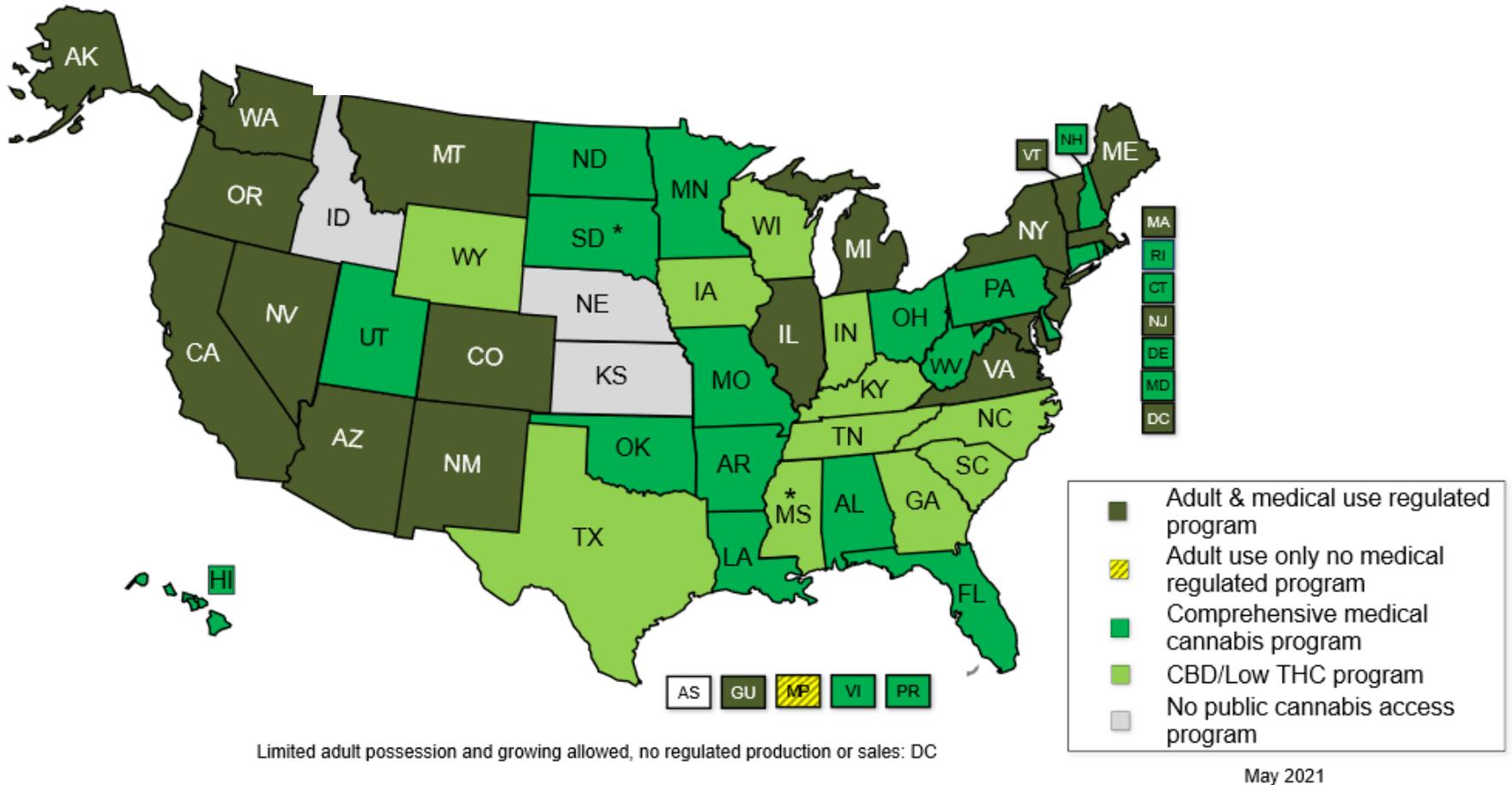
Monitoring the Future Survey, 2019

Prevalence of Past-month Use, 12th Grade



Monitoring the Future Survey, 2019

State Regulated Cannabis Programs



*2020 measures in Mississippi for medical-use and South Dakota for adult-use were overturned in 2021.

Source: <https://www.ncsl.org/research/health/state-medical-marijuana-laws.aspx>

Future Challenges, cont.

- Ramp Up Cannabis Research:
 - Expand cancer center supplements in FY22
 - Concept development by Trans-NCI workgroup
 - Continue and enhance trans-NIH and interagency collaborations



FUNDING OPPORTUNITIES

New Initiatives Awarded in FY21

- CISNET Incubator for New Cancer Sites
- New Cohorts for Environmental Exposures and Cancer Risk
- Utilizing Cohort Studies to Address Health Outcomes in Cancer Survivors
- Research to Reduce Morbidity and Improve Care for Pediatric and AYA Cancer Survivors
- Improving the Reach and Quality of Cancer in Rural Populations
- Improving Smoking Cessation Interventions Among People Living w/HIV
- Tobacco Use and HIV in Low- and Middle-Income Countries

NEWS AND EVENTS

DCCPS In Your Inbox

Newsletters, Listservs, and Blog

Behavioral Research Program (BRP)

BRP Listserv – This group list receives periodic news about funding announcements, career and training opportunities, new resources, and webinars and other events.

cancercontrol.cancer.gov/brpsubscribe

BRP Scientific Advances – This quarterly e-newsletter provides information about funding announcements, staff updates, career and training opportunities, resources for researchers, along with grantee and staff publications and media coverage.

cancercontrol.cancer.gov/brpnews

TUS-CPS Listserv – The Tobacco Use Supplement to the Current Population Survey (TUS-CPS) group list provides periodic updates about new data, resources, and training opportunities for researchers interested in using the TUS-CPS.

cancercontrol.cancer.gov/tus-cps

Epidemiology and Genomics Research Program (EGRP)

EGRP Cancer Epidemiology News – This monthly e-newsletter provides information regarding funding opportunities related to cancer epidemiology, grantsmanship issues, research resources, and other relevant news. epi.grants.cancer.gov/news

Implementation Science (IS)

The monthly IS update features a letter from the director, a topical blog, funding announcements, IS resources and tools, publications, and upcoming team activities of note. Subscribers also receive first access to dissemination and implementation webinars and training registration opportunities. cancercontrol.cancer.gov/is

Cancer Control P.L.A.N.E.T. – The bimonthly e-newsletter provides cancer control planners, program staff, and researchers with updates on the web-based cancer control resources, upcoming events, and more. nlanetnewsletter.cancercontrolnlanet.org

Healthcare Delivery Research Program (HDRP)

HDRP E-News – This email listserv is used to provide updates about HDRP funding, resources, news, and events. Subscribe using the link on healthcaredelivery.cancer.gov.

Surveillance Research Program (SRP)

Annual Newsletter – SRP releases an annual newsletter to give an overview of recent reports, initiatives, organizational updates, grants activities, and publications.

surveillance.cancer.gov/newsletters

Blog – Toward Precision Cancer Surveillance highlights research initiatives and major collaborations that expand the utility of SEER data for surveillance research.

surveillance.cancer.gov/blog/home-page

Social Media

Twitter

@NCICancerCtrl – Offers links to cancer control information that bridges public health research, practice, and policy.

@NCIBehaviors – Behavioral health news and information from NCI.

@NCICancerStats – Cancer statistics from NCI.

@NCICareDelivRes – Health care delivery research-related news and information from NCI.

@NCIHINTS – NCI's Health Information National Trends Survey (hints.cancer.gov) is a national survey uniquely dedicated to learning how people find, use, and understand health information.

@NCI_ImplSci – Dissemination and implementation research news and resources from NCI.

@SmokefreeUS – SmokefreeUS is intended to help you or someone you care about quit smoking with tips and support to be free of tobacco.

September 2021:
Final report under Croyle era

October 2021:
Welcome Katrina Goddard

