



NCI Update

Robert T. Croyle, Director,
Division of Cancer Control and Population Sciences
CRAN Joint Council Meeting
May 16, 2018

Cancer Centers

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69 NCI-Designated Cancer Centers

49 Comprehensive

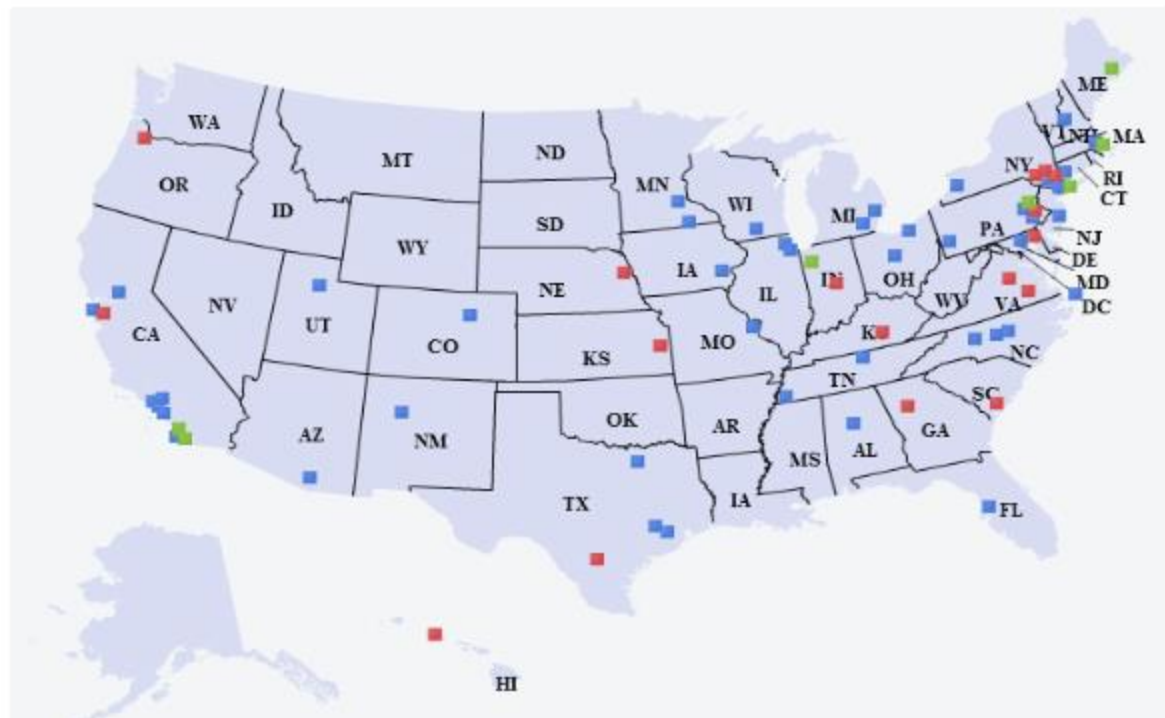
13 Clinical

07 Basic

NCI-designated Cancer Centers are characterized by scientific excellence and the capability to integrate a diversity of research approaches to focus on the problem of cancer.

They play a vital role in advancing towards our goal of reducing morbidity and mortality from cancer.

Cancer Centers Benchmark Data



Integrating Smoking Cessation into Routine Care at NCI-Designated Cancer Centers

- Cancer Center Smoking Cessation Initiative provides financial and technical support to cancer centers so they can implement comprehensive smoking cessation services to at-risk patients
- The project's goal is to help make smoking cessation interventions part of routine care for tobacco-related cancers
- Staff will receive training in:
 - initiating smoking cessation discussions,
 - integrating cessation interventions known to work into routine patient treatment,
 - using states' quit lines, and
 - incorporating evidence-based smokefree.gov resources into care

Tobacco Use Assessment and Treatment Capacity (second round under review)

Proposals submitted April 13, 2018

Funded by the Moonshot (\$250K per year for 2 years)

Smoking Cessation within the Context of Lung Cancer Screening

- Funded in FY16
- Lung cancer screening with low-dose CT (LDCT)
 - recommended by USPSTF for high-risk individuals
 - private insurance and Medicare reimbursement
- Smoking cessation services should be incorporated into screening.

Grant Number	PI (contact)	Institution
CA207228	Taylor	Georgetown
CA207048	Hays	Mayo
CA207158	Foley	Wake Forest
CA207442	Ostroff	Sloan-Kettering
CA207078	Cinciripini	MD Anderson
CA207229	Toll	MUSC
CA207440	Walsh	UCSF
CA207009	Brandon	Moffitt



Modeling to guide public health research and priorities

CISNET is a consortium of NCI-sponsored investigators who use statistical modeling to improve our understanding of cancer control interventions in prevention, screening, and treatment and their effects on population trends in incidence and mortality. These models can be used to guide public health research and priorities, and they can aid in the development of optimal cancer control strategies.

Tobacco Control and the Reduction in Smoking-Related Premature Deaths in the United States, 1964-2012

Theodore R. Holford, PhD¹; Rafael Meza, PhD²; Kenneth E. Warner, PhD³; [et al](#)

[» Author Affiliations](#) | [Article Information](#)

JAMA. 2014;311(2):164-171. doi:10.1001/jama.2013.285112

Benefits and Harms of Computed Tomography Lung Cancer Screening Strategies: A Comparative Modeling Study for the U.S. Preventive Services Task Force FREE

Harry J. de Koning, MD; Rafael Meza, PhD; Sylvia K. Plevritis, PhD; Kevin ten Haaf, MSc; Vidit N. Munshi, MS; Jihyouon Jeon, PhD; Saadet Ayca Erdogan, PhD; Chung Yin Kong, PhD; Summer S. Han, PhD; Joost van Rosmalen, PhD; Sung Eun Choi, SM; Paul F. Pinsky, PhD; Amy Berrington de Gonzalez, PhD; Christine D. Berg, MD; William C. Black, MD; Martin C. Tammemägi, PhD; William D. Hazelton, PhD; Eric J. Feuer, PhD *; Pamela M. McMahon, PhD *

AJPM American Journal of Preventive Medicine

A Journal of the American College of Preventive Medicine and Association for Prevention Teaching and Research

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[February 2014](#) Volume 46, Issue 2, Pages e31–e37

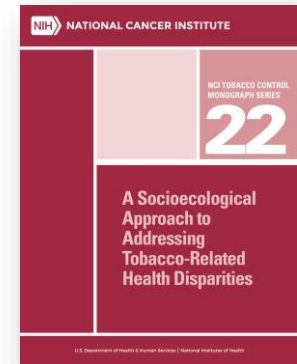
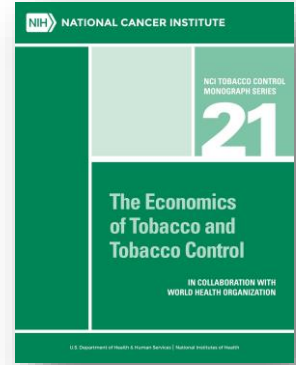
[Next Article >](#)

Patterns of Birth Cohort–Specific Smoking Histories, 1965–2009

[Theodore R. Holford](#), PhD [David T. Levy](#), PhD, [Lisa A. McKay](#), MPH, [Lauren Clarke](#), MSc, [Ben Racine](#), MSc, [Rafael Meza](#), PhD, [Stephanie Land](#), PhD, [Jihyouon Jeon](#), PhD, [Eric J. Feuer](#), PhD

Evidenced-Based Research to Inform Tobacco Control

- Tobacco Control Monograph 21 in collaboration with WHO
 - Examined evidence of use, growth, manufacturing and trade; tax and price, and policies and interventions to reduce use and health consequences of tobacco.
- Monograph 22 examined health disparities in initiation, secondhand smoke exposure, frequency and intensity, cessation, morbidity, and mortality.



Welcome to the Tobacco Control Policy tool

This website provides decision-makers and health professionals with estimates of the projected impact of four specific tobacco control policies on public health in the United States.

The estimates were derived from simulations of over **2,200 policy scenarios**, with **30 million people per scenario**, and calibrated for each state and Washington, DC. Read more [about the tool](#) or go directly to one of the policy pages below and explore the results.



Updates

3/24/2018: A detailed study protocol describing the methods behind the TCP tool is now freely available. Find out more at [BMJ Open](#).

12/18/2017: Smoke-free air law coverage in restaurants, bars, and workplaces have been updated to reflect recent data compiled by the [CDC & NCI State Cancer Profiles](#) and [American Nonsmokers' Rights Foundation](#) (as of October 2, 2017). The percent of the population in non-smoking work environments now reflects survey data from the 2014-2015 Tobacco Use Supplement to the Current Population Survey ([TUS-CPS](#))

Cigarette Taxes

Explore >

Smoke-free Air
Laws

Explore >

Tobacco Control
Expenditures

Explore >

Minimum Age

Explore >

[I Want to Quit](#)[My Quit Day](#)[I Recently Quit](#)[Staying Quit](#)

Quitting is a Journey.

On this site you'll find support, tips, tools, and expert advice to help you or someone you love quit smoking.

Quit for You, Quit for Two

Quitting smoking before or during pregnancy is one of the most important things you can do to get you and your baby off to a healthy start.

[Get Support](#)

Tools & Tips

Learn about different tools to help you quit and how to use them.

[Smokefree Texting Programs](#)[Using Nicotine Replacement Therapy](#)[Speak to an Expert](#)[Smokefree Apps](#)[Build Your Quit Plan](#)

ARTICLES & INFORMATION

[How To Manage Cravings](#)



Social Media



New HINTS Publication?

[Submit Here](#)

What's New

Submit an Abstract to the HINTS Data Users Conference

New HINTS data available for download!

Save the Date: The Fifth HINTS Data Users Conference

Check out the HINTS-ASL Project

[Current HINTS Briefs](#)

HINTS Brief 35: Lost in Transition? Cancer Survivorship and Patient-Centered Communication
March 2018 (149 k)

Brief 34: Calorie Labels on Restaurant Menus: Who Uses Them and Do They Find Them Helpful?
October 2017 (137 k)

[View All Briefs >](#)

What is HINTS?

HINTS collects data about the use of cancer-related information by the American public. These data provide opportunities to understand and improve health communication. [Read More >](#)

Get and Use HINTS Data

Download publicly available, nationally representative HINTS data for your next secondary analysis. [Access Data >](#)

Sign Up for HINTS Updates

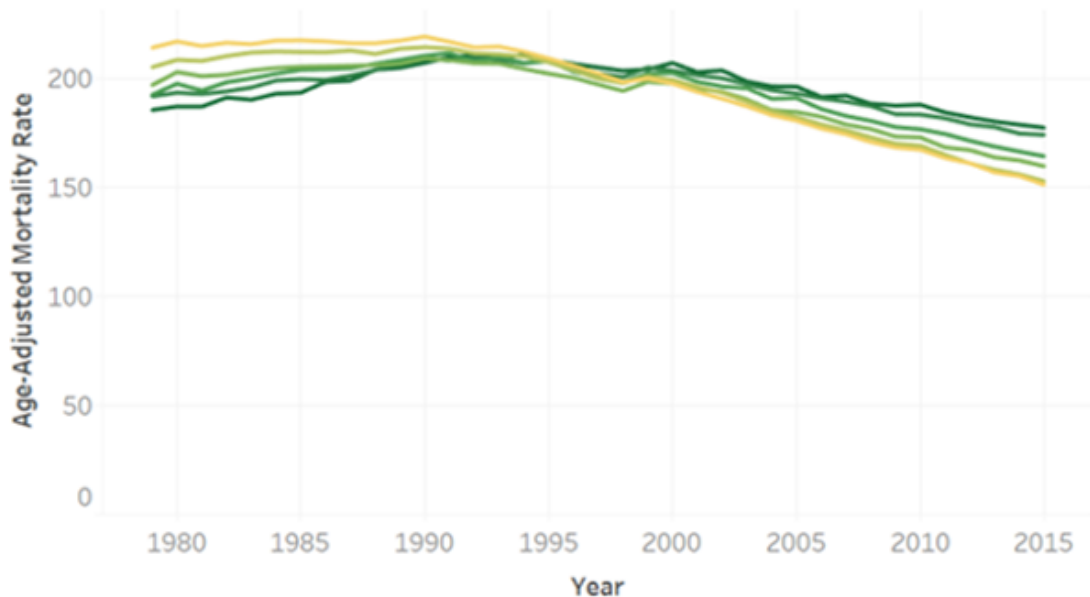
Sign up to get updates on the latest HINTS data releases, publications, and website features.

Our Latest Tweets

In 2017, 25% of Americans participated in zero moderate-level physical activity. #MoveInMay
[https://hints.cancer.gov/view-questions-topics/question-details.aspx?PK_Cycle=10&qid=617 ...](https://hints.cancer.gov/view-questions-topics/question-details.aspx?PK_Cycle=10&qid=617...)
Posted on May 10, 2018
[Visit our Twitter page >](#)

Trends in Cancer Mortality by Locality and Within Rural Region (“Noncore”)

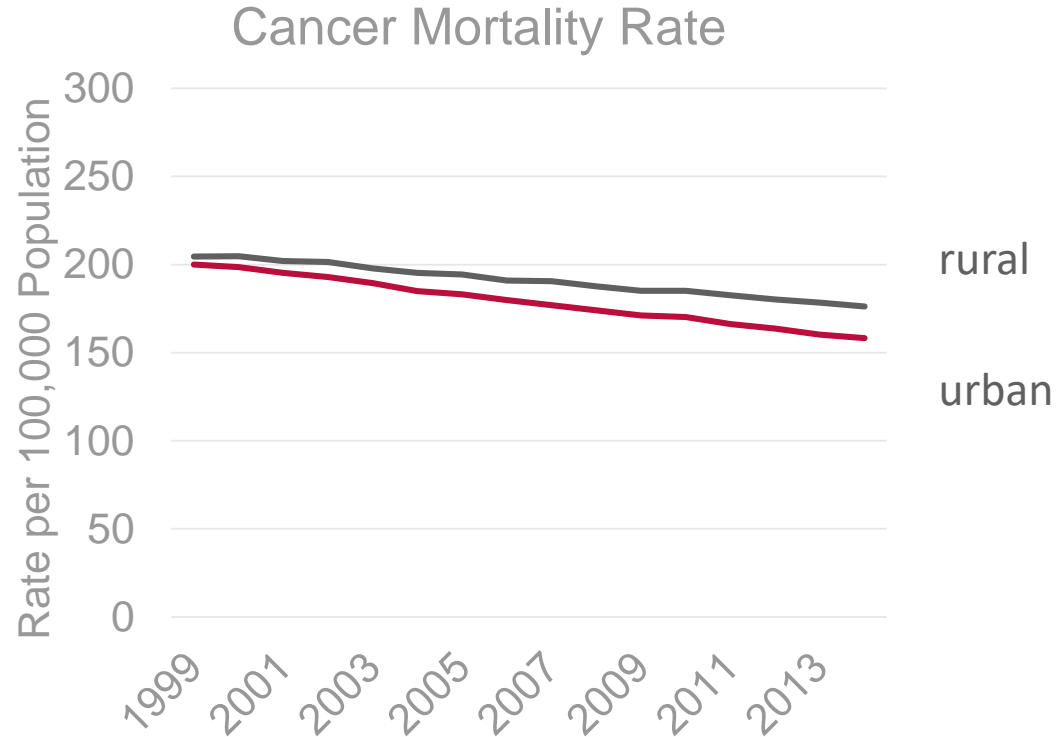
Deaths from Cancer by Locality, Total



Locality

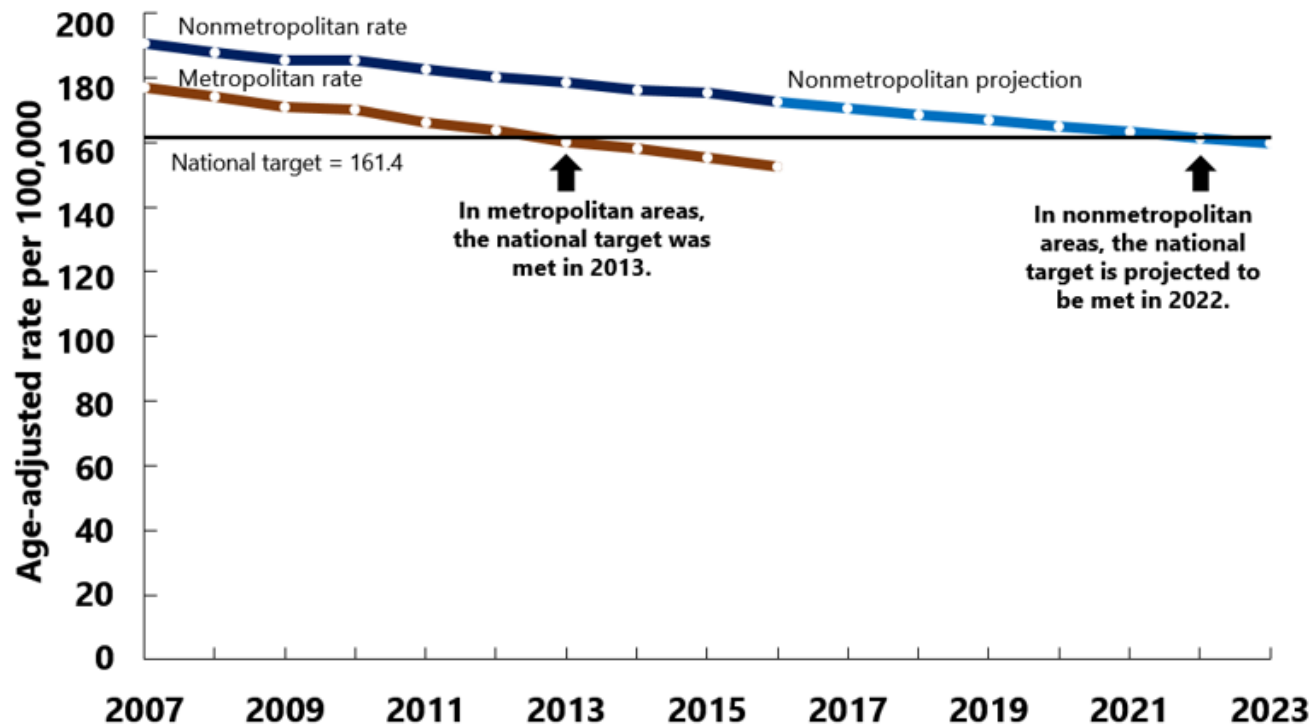
Large Ce.. Large Fri.. Medium .. Small MSA Micropoli.. Noncore

As mortality from cancer has fallen, rural-urban disparities have grown larger.



PRELIMINARY RESULTS

Healthy People 2020 objective C-1: Overall cancer deaths among persons of all ages — National Vital Statistics System, United States, 2007–2016



METHODS: The average annual percent change (AAPC) was calculated based on 2007–2016 mortality rates using the National Cancer Institute [Joinpoint](#) software. The nonmetropolitan trend was extended from the 2016 mortality rate until it crossed the target, assuming a constant AAPC.

Rural Cancer Control Initiatives

- **Meetings on Rural Topics and Issues**
 - National Academy meeting on small populations
 - Rural cancer control workshop
 - Agencies (e.g., HRSA) and organizations (e.g., National Rural Health Association)
- **Cancer Center Support Grant P30 Administrative Supplements** – to be funded in FY18
- **RFA in NIH Guide** – Improving the Reach and Quality of Cancer Care in Rural Populations
- **Rural working groups within other initiatives**

Cancer Moonshot Initiatives



- Accelerating Colorectal Cancer Screening and follow-up through Implementation Science
- Improving Management of Symptoms Across Cancer Treatments
- Approaches to Identify and Care for Individuals with Inherited Cancer Syndromes

- All 3 RFAs to be funded in summer 2018



NATIONAL CANCER INSTITUTE

Division of Cancer Control & Population Sciences

ACCELERATING RURAL CANCER CONTROL RESEARCH MEETING



**RURAL
CANCER
CONTROL
RESEARCH**

NIH - NATCHER CONFERENCE CENTER
BETHESDA, MD

MAY 30 - 31, 2018