

What Do the Data Tell Us: What Can We Learn from the Latest Colorectal Cancer Screening Rate Trends Over Time?

November 3, 2021 – 1:00-2:00 PM ET

2021 80% in Every Community Conference &
NCCRT Annual Meeting Pre-meeting Session



Purpose of Today's Session

- Learn how we are doing as a nation on our efforts to reach an 80% colorectal cancer screening rate.
- Hear from four experts on the latest data and trends from key national data sets: NHIS, BRFSS, UDS, and HEDIS.
- Q&A



Presenters

Jordan Karlitz, MD (Moderator)
GI Division Chief, Denver Health Medical Center; and Associate Professor at the University of Colorado School of Medicine; NCCRT Steering Committee

Lisa Richardson, MD, MPH
Director, Division of Cancer Prevention and Control, Centers for Disease Control and Prevention, NCCRT Steering Committee

Sepheen Byron
Assistant Vice President, Performance Measurement, National Committee for Quality Assurance

Neeraj Deshpande MBBS, MPH, MHA
Public Health Analyst, Quality Recognition and Health Promotion Team, Bureau of Primary Health Care/Office of Quality Improvement, DHHS/Health Resources and Services Administration

Stacey Fedewa, PhD
Scientific Director, Screening and Risk Factors Research, American Cancer Society, Inc.

Virtual Housekeeping

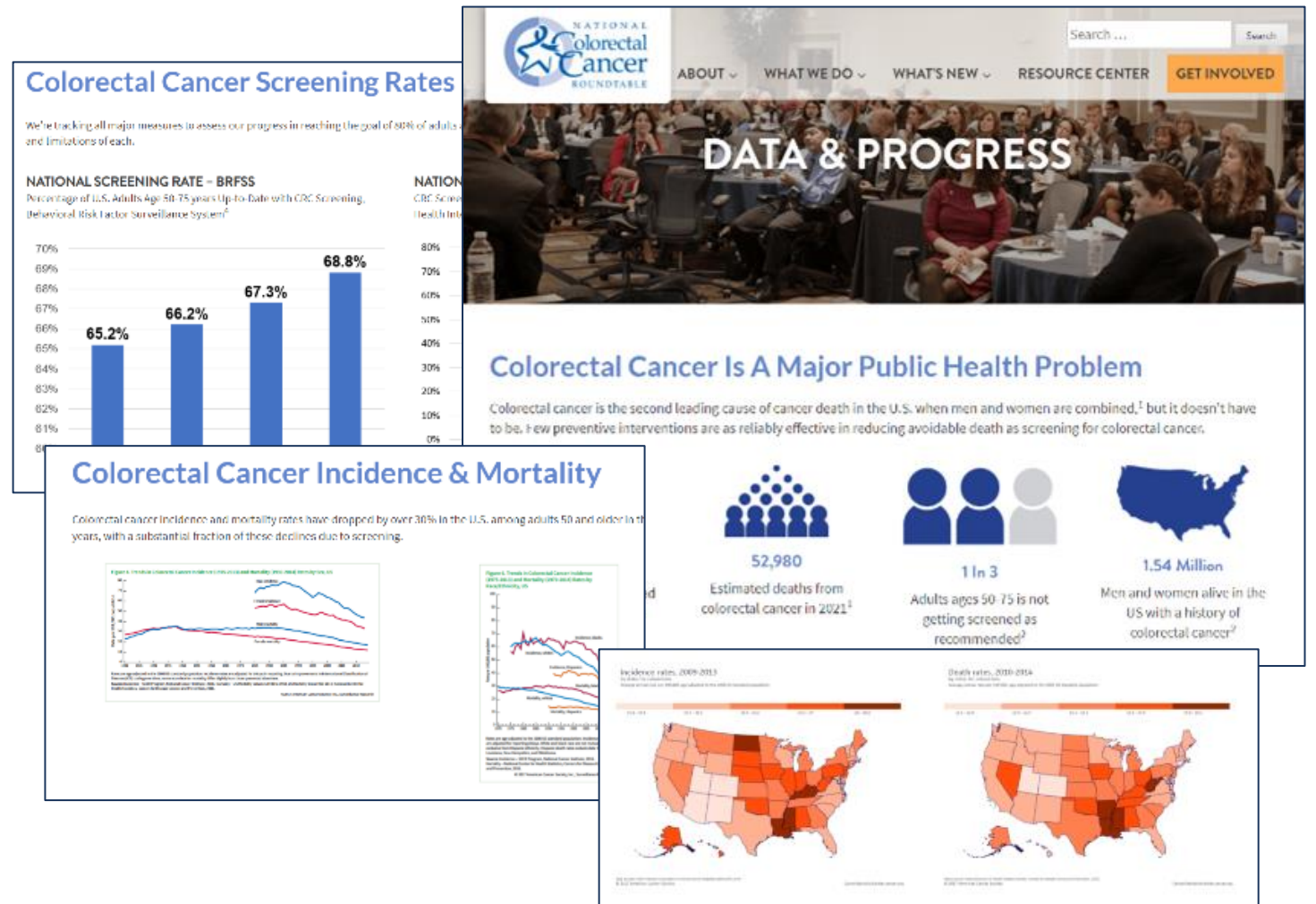
- The event is being recorded. The replay and slides will be made available on www.nccrt.org within a few days.
- All participants are muted.
- Submit questions through the Q&A box at any time.
- Please complete our evaluation.

Funding for this webinar was made possible (in part) by the Centers for Disease Control and Prevention. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services, nor does the mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.

The NCCRT Data & Progress Web Page

The **NCCRT Data & Progress** webpage provides up-to-date statistics on colorectal cancer screening, incidence, mortality, and geographic distribution information.

nccrt.org/data-progress





Behavioral Risk Factor Surveillance System (BRFSS) 2020 Data Update

Lisa Richardson, MD, MPH
Director, Division of Cancer Prevention and Control

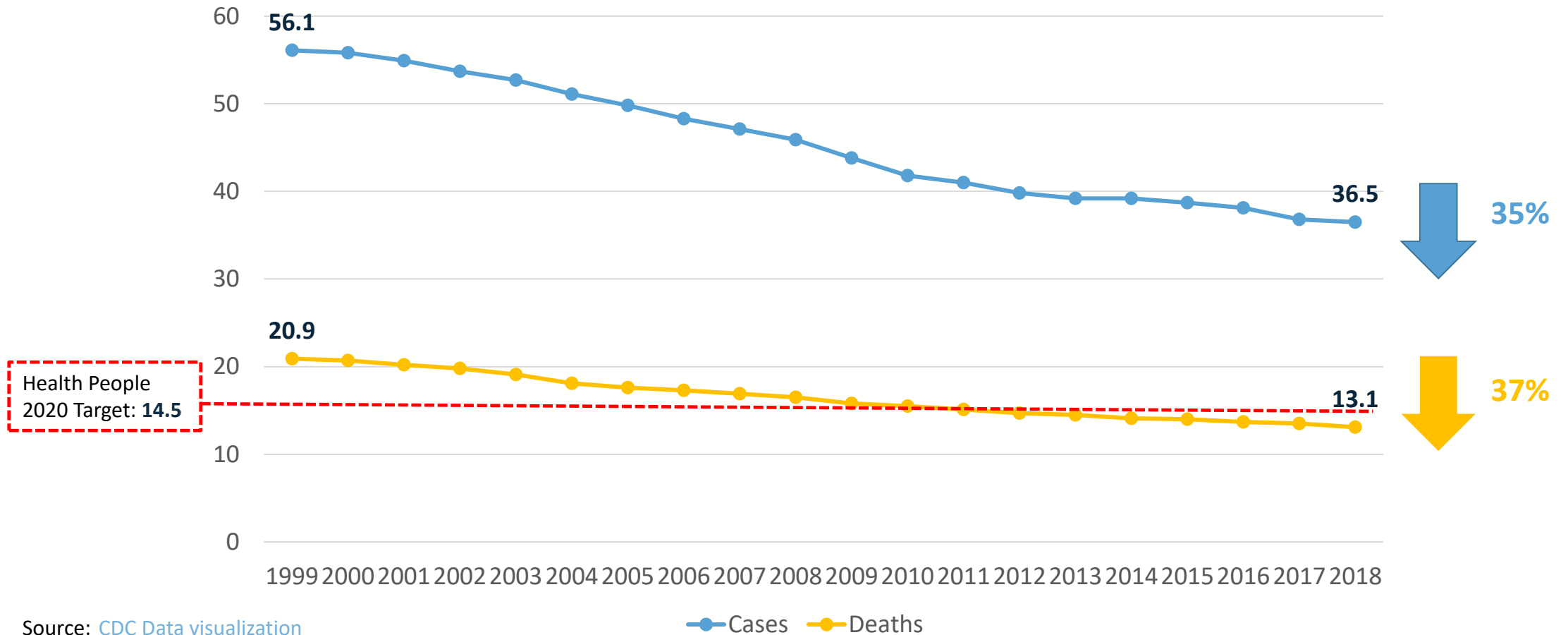
NCCRT Pre-Conference Meeting
November 3, 2021





Colorectal Cancer Deaths and Cases

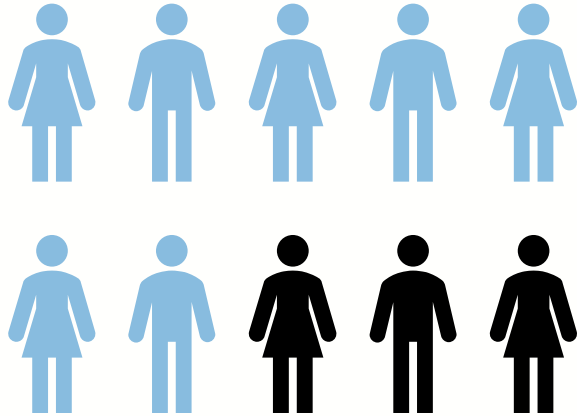
Colorectal Cancer Cases and Deaths, All Ages, All Races/Ethnicities, Both Sexes, 1999-2018



Source: [CDC Data visualization](#)

2020 Behavioral Risk Factor Surveillance System (BRFSS) Colorectal Cancer Screening Overview

7 in 10 U.S. Adults



Up to Date with
Colorectal Cancer Screening

- First time questions about **FIT-DNA test** and **computed tomography (CT) colonography** included
- In adults ages 50-75:
 - **72.1%** - Up to date with colorectal cancer screening (all test types)*
 - **19.3%** Never Screened
 - **69.7%** Up to date with colorectal cancer screening by previous year's definition**

* including FIT-DNA, CT (virtual) colonography

** the percentage of adults aged 50 to 75 who were up-to-date with fecal immunochemical test (FIT), sigmoidoscopy, and colonoscopy in 2020

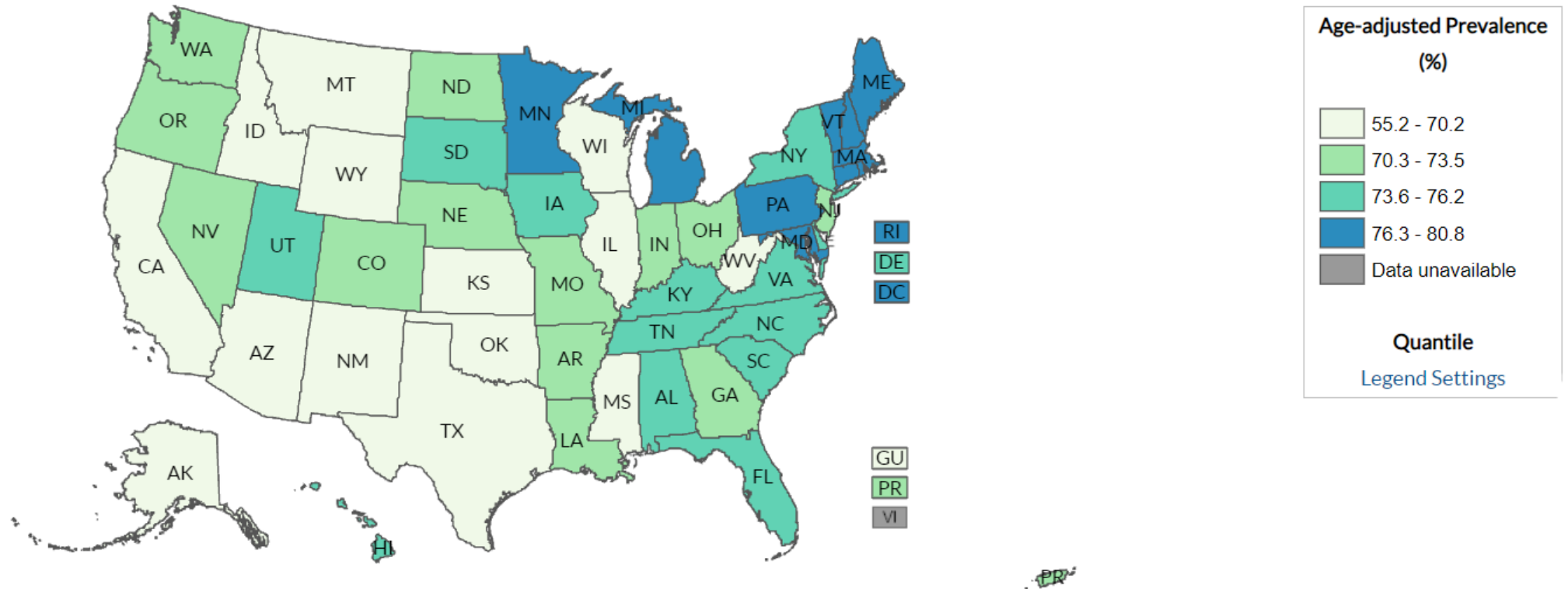
Adults 50-75 Up-to-Date Using USPSTF Recommendation*

2020

Respondents aged 50-75 who have fully met the USPSTF recommendation (variable calculated from one or more BRFSS questions) (Age-adjusted Prevalence)

View by: Overall

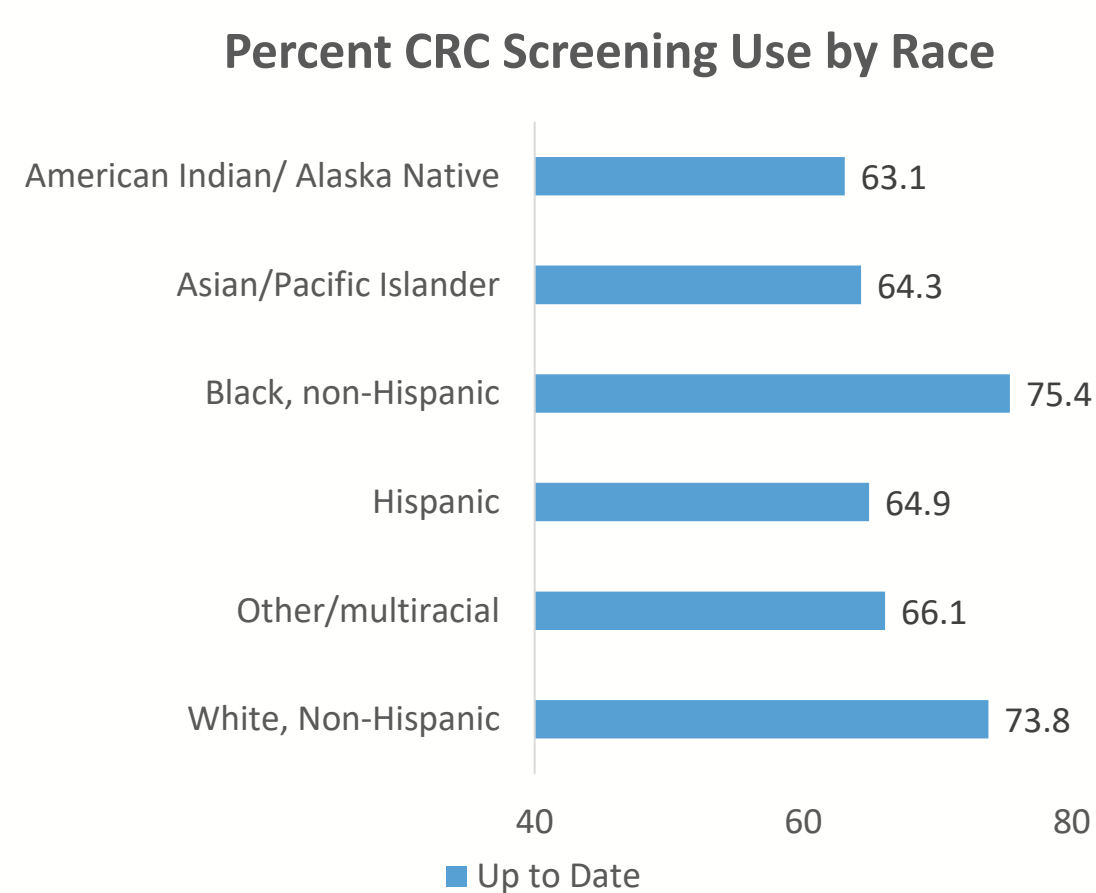
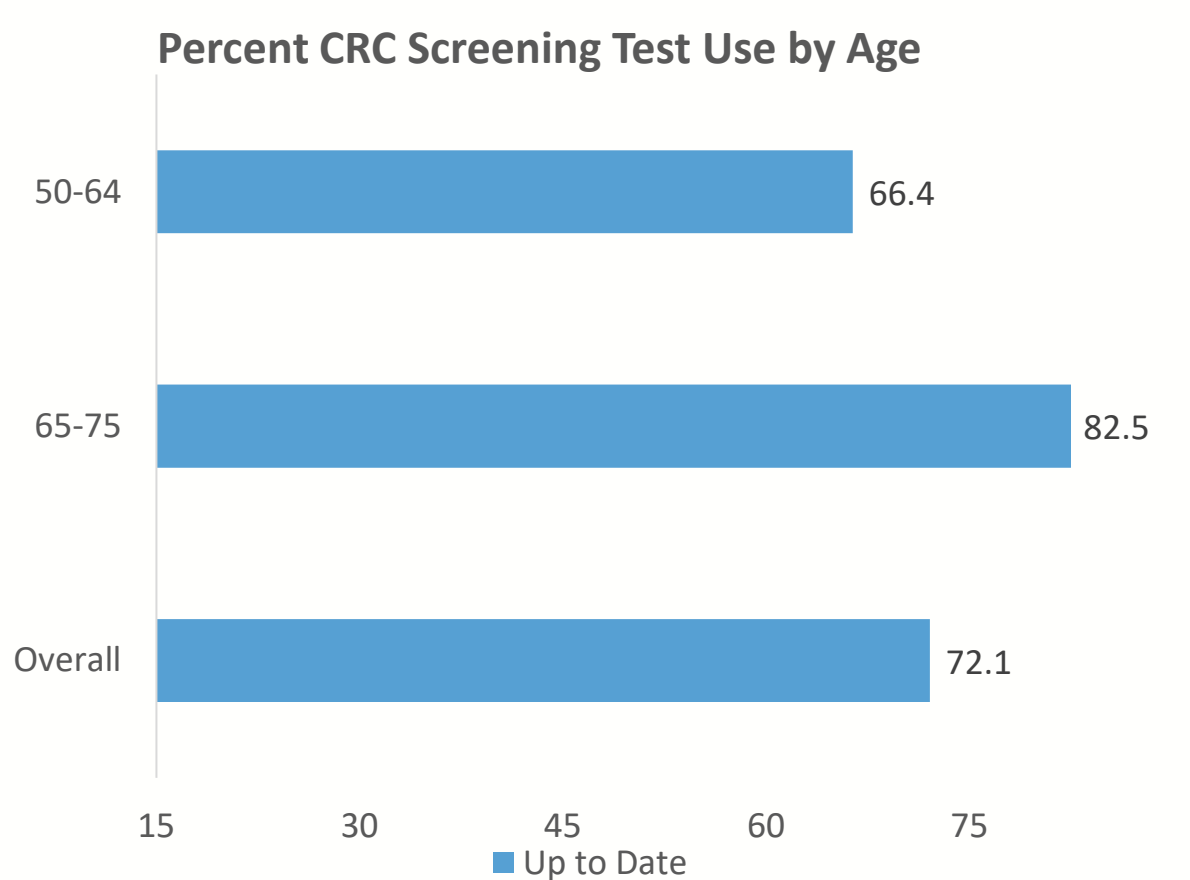
Response: Received one or more of the recommended CRC tests within the recommended time interval



* including FIT-DNA, CT (virtual) colonography

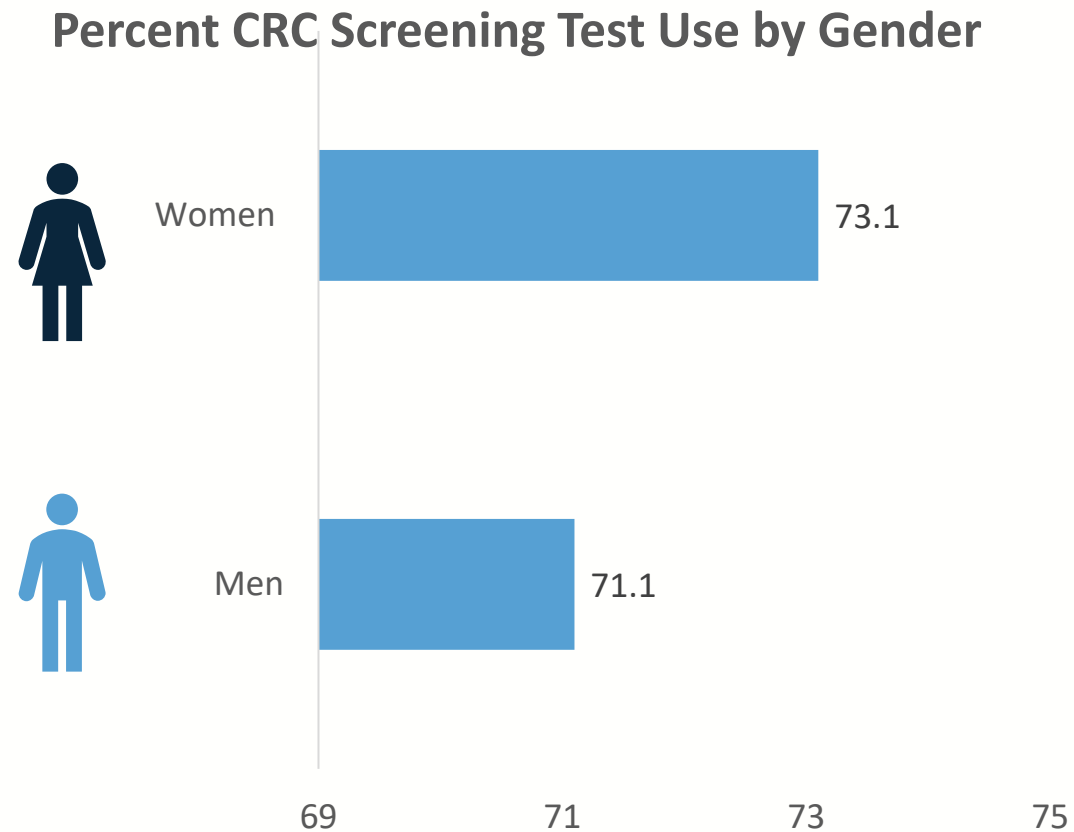
Data Source: Behavioral Risk Factor Surveillance System (BRFSS)

Reported Colorectal Cancer (CRC) Screening Test Use By Age and Race*



* Age standardized

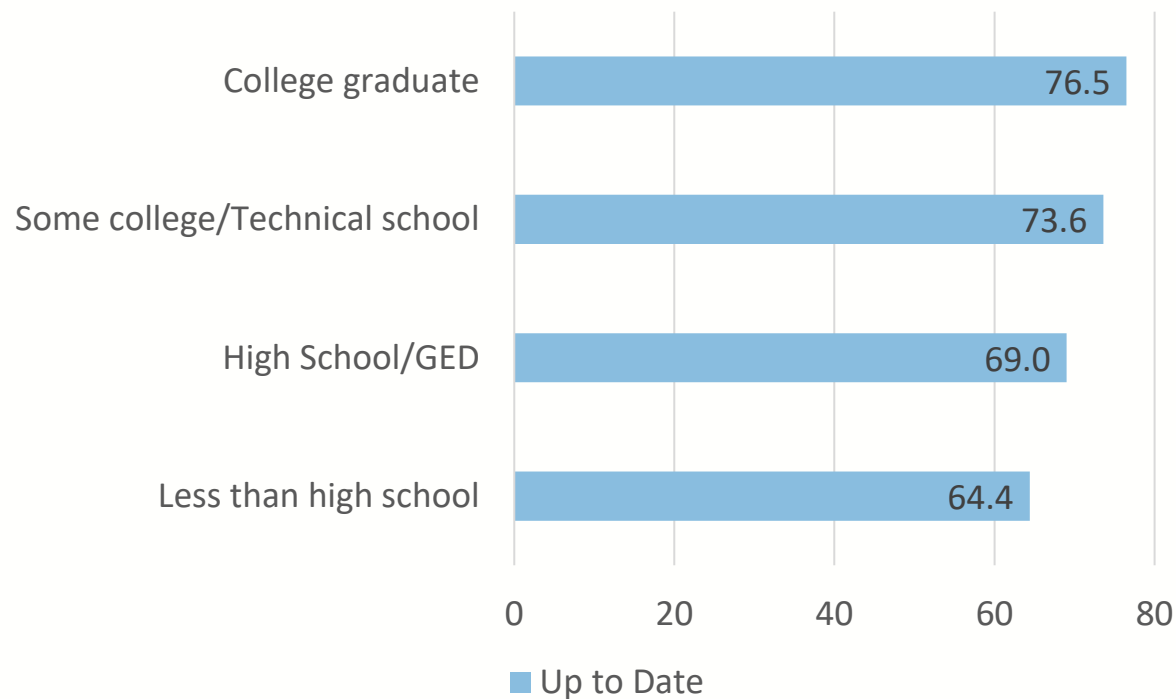
Reported Colorectal Cancer Screening Test Use By Gender*



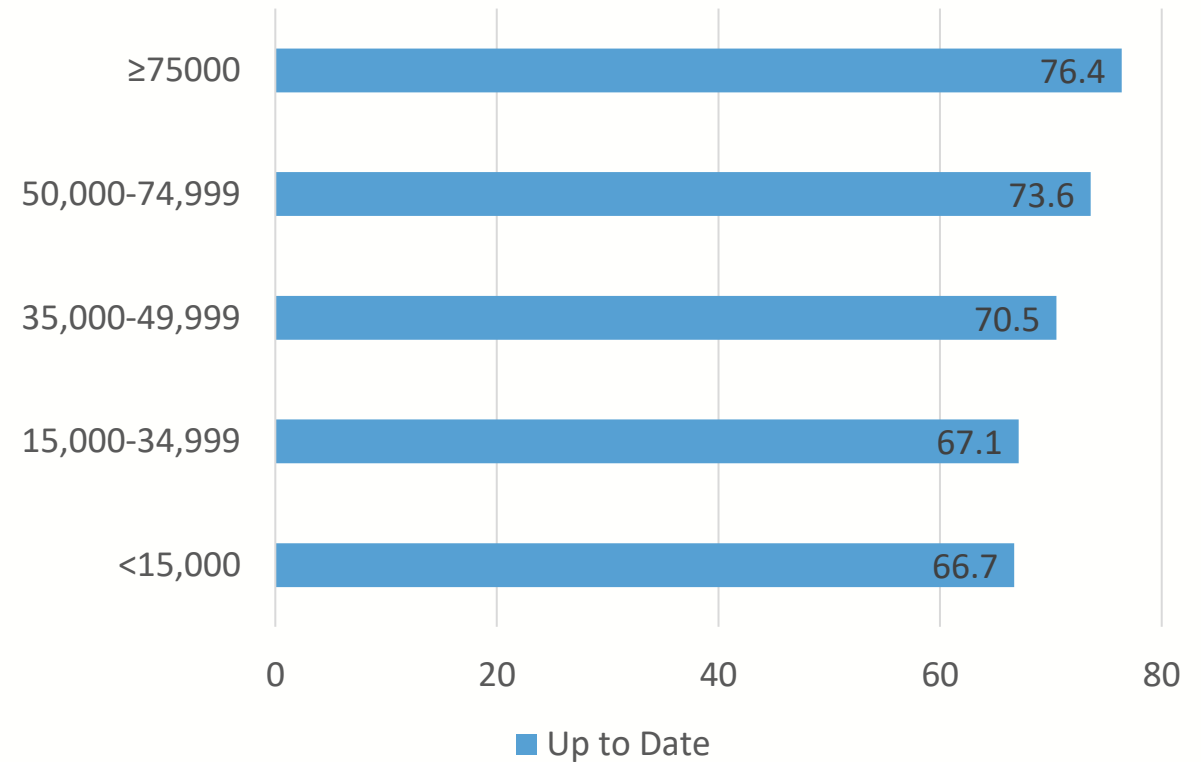
* Age standardized

Reported Colorectal Cancer (CRC) Screening Test Use By Education and Income*

Percent of CRC Screening Test Use by Education



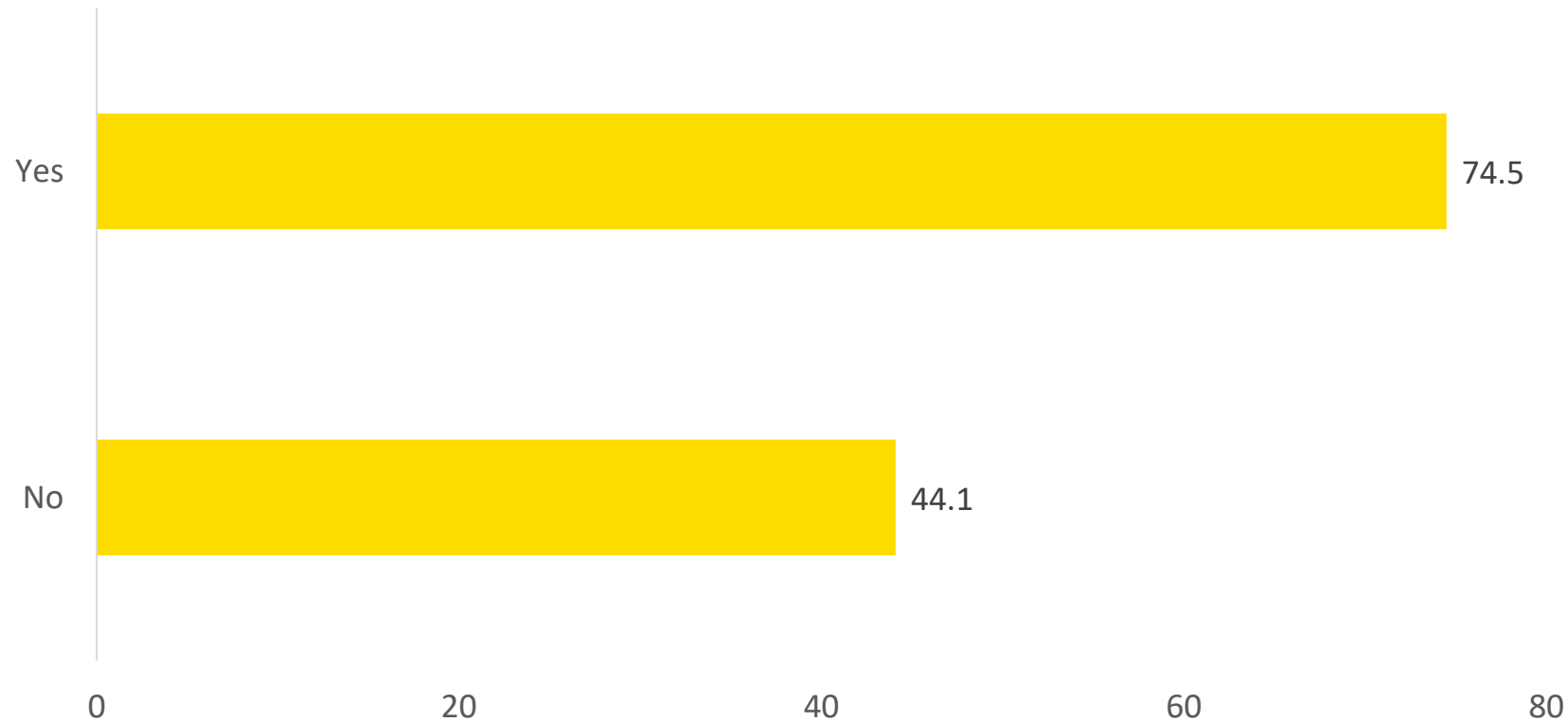
Percent CRC Test Use by Income



* Age standardized

Reported Colorectal Cancer Screening Test Use By Health Insurance Status*

Percent CRC Test Use By Health Insurance Status

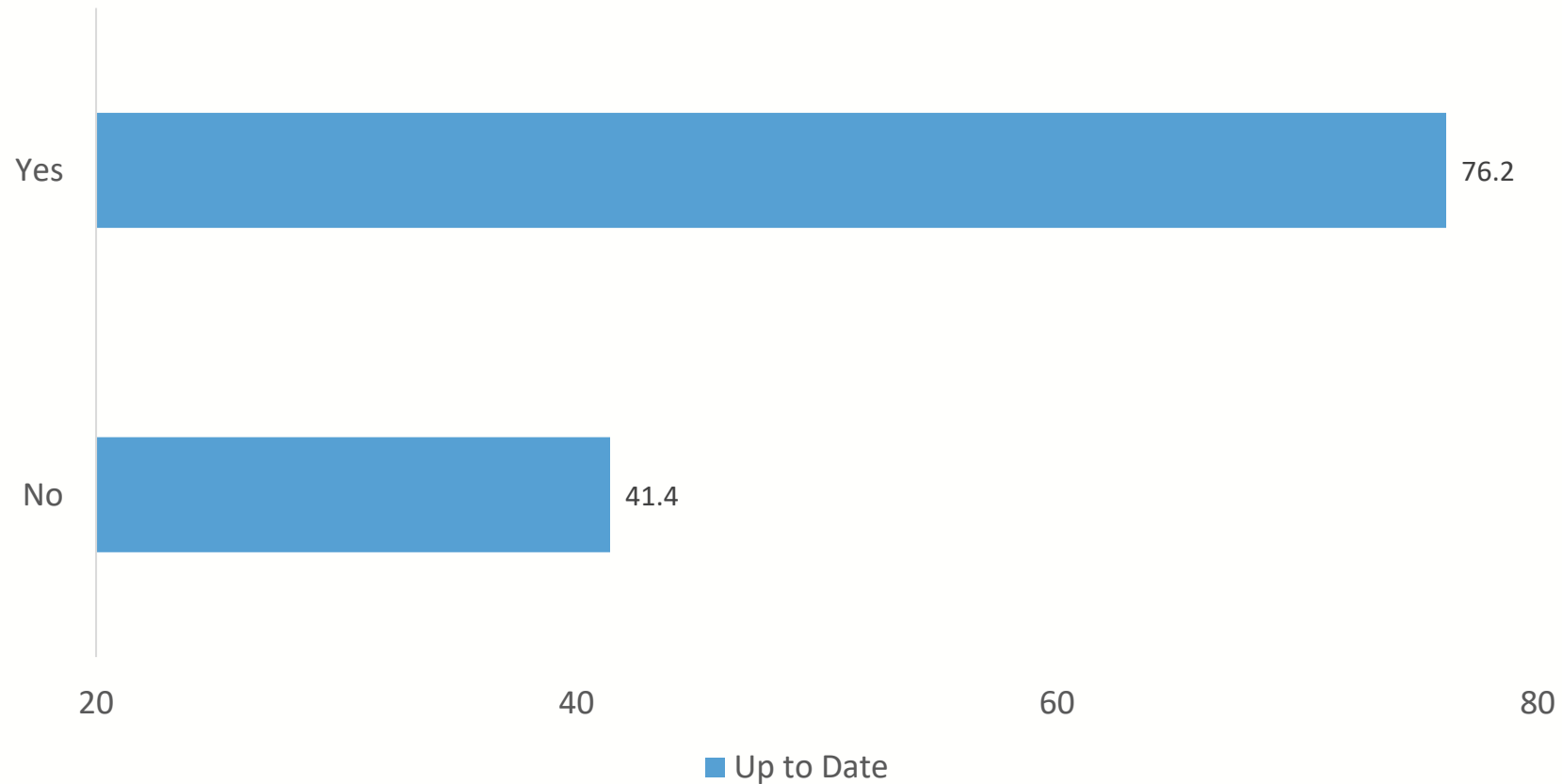


* Age standardized

■ Up to Date

Reported CRC Screening Test Used By Regular Health Provider Status*

Percent CRC Test Use By Regular Health Provider Status



* Age standardized

Thank you!

Go to the official federal source of cancer prevention information:
www.cdc.gov/cancer



Division of Cancer Prevention and Control
Reliable. Trusted. Scientific.

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.



HEDIS[®] Colorectal Cancer Screening Measure

Sepheen Byron

Assistant Vice President, Performance Measurement

National Committee for Quality Assurance

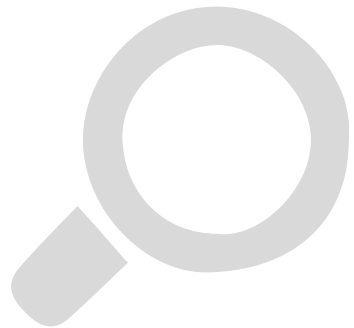
National Colorectal Cancer Roundtable
November 2021

HEDIS®

Healthcare Effectiveness Data and Information Set

*Tool used by over **90 percent** of America's health plans*

*Allows for **comparison of health plans across important dimensions of care***



Access and availability of care

Preventive services

Chronic disease management

Behavioral health and substance use

Care coordination

Utilization of health care

Colorectal Cancer Screening

Current measure description

Adults ages 50-75 years who had appropriate screening for colorectal cancer:

- ▶ **Fecal occult blood test or fecal immunochemical test** during the year
- ▶ **FIT-DNA test** within the past three years
- ▶ **Flexible sigmoidoscopy** within the past five years
- ▶ **CT colonography** within the past five years
- ▶ **Colonoscopy** within the past 10 years

Stratify by **race and ethnicity**

Medicare plans stratify by **socioeconomic status**

Product Lines

Commercial, Medicare

Data Collection Method

Administrative

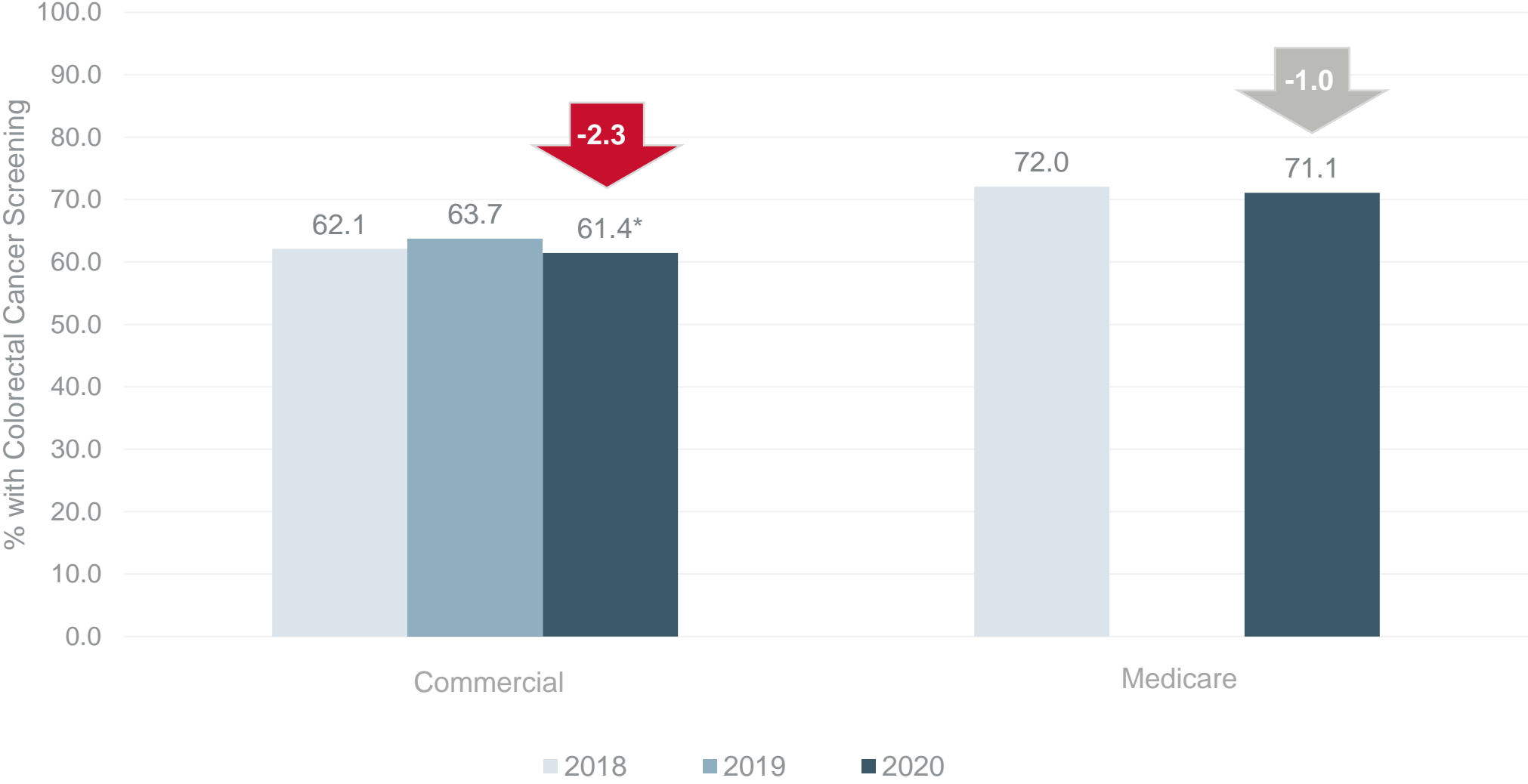
Hybrid

Electronic Clinical Data Systems

Required Benefits

Medical

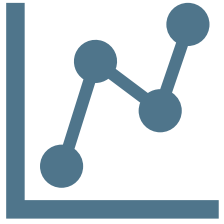
Colorectal Cancer Screening *amid the* COVID-19 Pandemic



*Statistically significant

Evolving HEDIS to Use More Electronic Clinical Data

What are we striving towards?



Leverage more and better data into greater insight



Foster patient-specific care



Align with interoperability and value-based payment models



Decrease measurement burden

*Get to **better** measures*

Updated Guidelines for Colorectal Cancer Screening

Population	Recommendation	Grade
Adults ages 45 to 49 years	The USPSTF recommends screening for colorectal cancer in adults aged 45 to 49 years.	B
Adults ages 50 to 75 years	The USPSTF recommends screening for colorectal cancer in all adults aged 50 to 75 years.	A
Adults ages 76 to 85 years	The USPSTF recommends that clinicians selectively offer screening for colorectal cancer in adults aged 76 to 85 years. Evidence indicates that the net benefit of screening all persons in this age group is small. In determining whether this service is appropriate in individual cases, patients and clinicians should consider the patient's overall health, prior screening history, and preferences.	C

U.S. Preventive Services Task Force, May 2021

Changes Posted for Public Comment

HEDIS MY 2022 Technical Update

Denominator Members **45** - 75 years of age by December 31 of the measurement year

Age Stratifications **Ages 45-49 years**
Ages 50-75 years
Total

Product Lines Commercial
Medicare
Medicaid

Data Collection **Drop Hybrid Reporting Method** for MY 2022
Establish **ECDS-only Reporting** for MY 2023

2020 UDS Colorectal Cancer Screening Data Update

The presentation on the 2020 UDS Colorectal Cancer Screening Data from Neeraj Deshpande at the Bureau of Primary Health Care, HRSA, is not currently available to be shared, but will be made available on www.nccrt.org in the future.

What do the data tell us? National Health Interview Survey

NATIONAL COLORECTAL CANCER ROUNDTABLE

November, 2021

Stacey Fedewa, PhD

Surveillance and Health Equity Sciences

American Cancer Society



National Health Interview Survey (Historical)

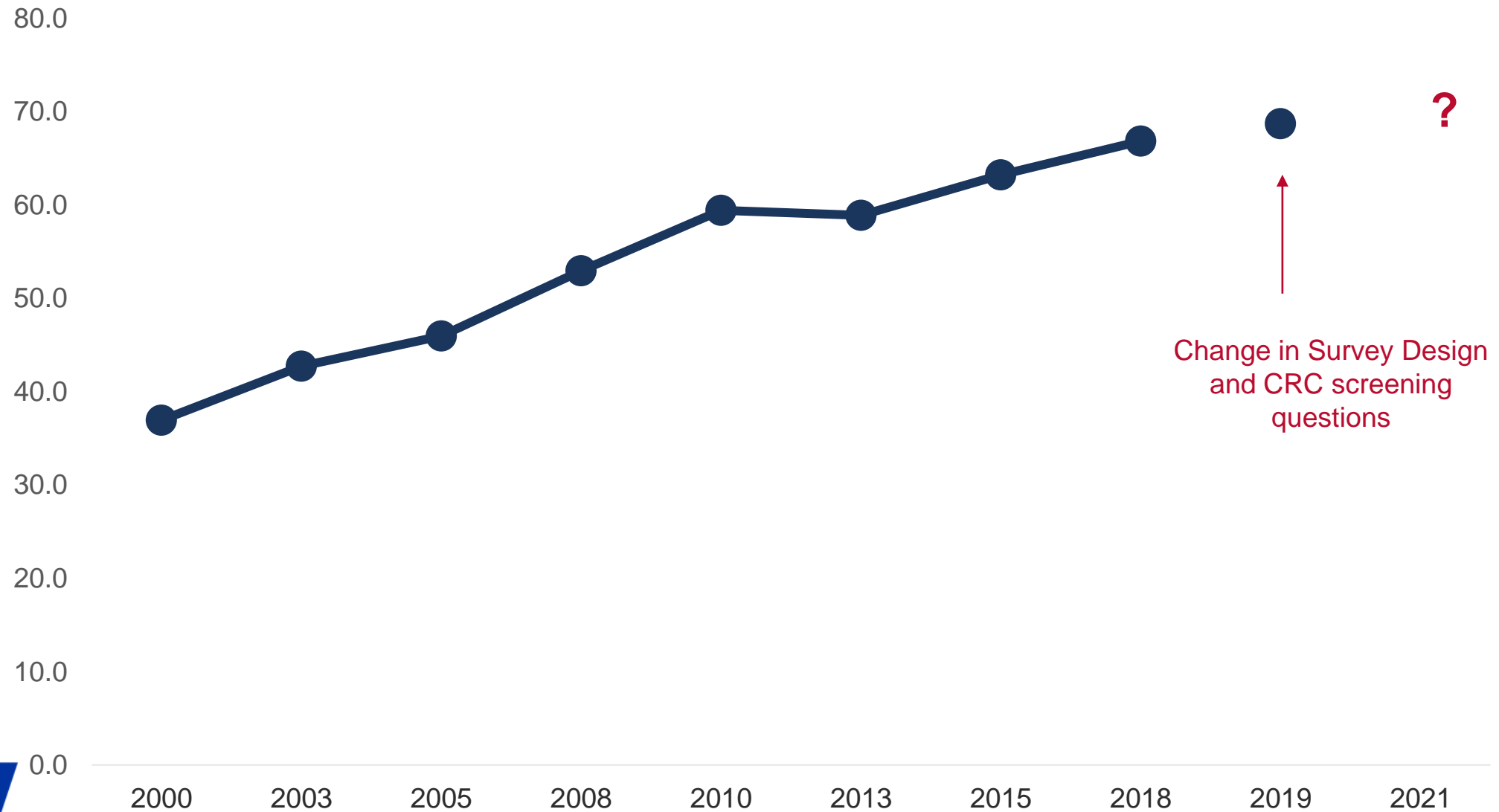
- In-person, household survey among non-institutionalized adults
- Self-reported CRC screening data every 2-3 years
 - Colonoscopy
 - Sigmoidoscopy
 - FIT/gFOBT (hereafter **FIT**)
 - CT colonography (added in 2010)
 - sDNA/Cologuard (added in 2018)



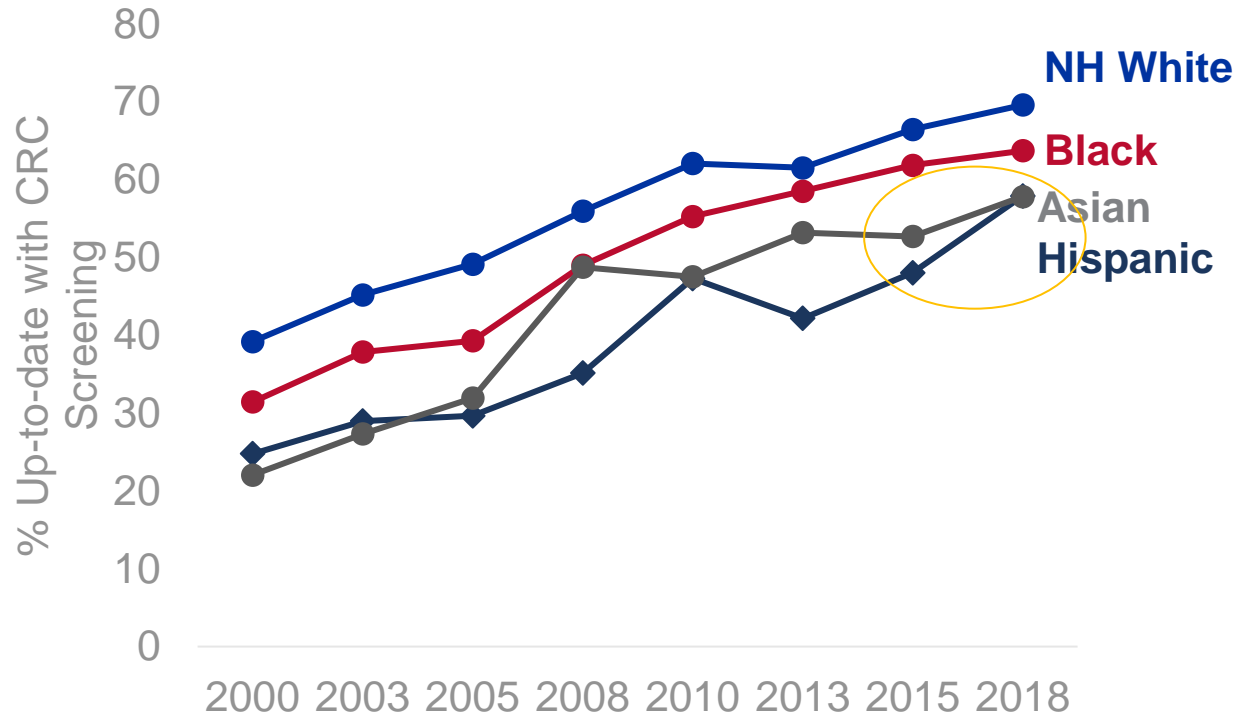
National Health Interview Survey: Recent/Updates

- 2019: Change in survey design, CRC screening questions, and rotation
- 2020: CRC screening data not collected, in-person → telephone → some in-person
 - Changes in response rates
 - Changes on respondent characteristics (more educated)
 - Additional weighting
- 2021: CRC screening data are collected, mix of in-person/ telephone

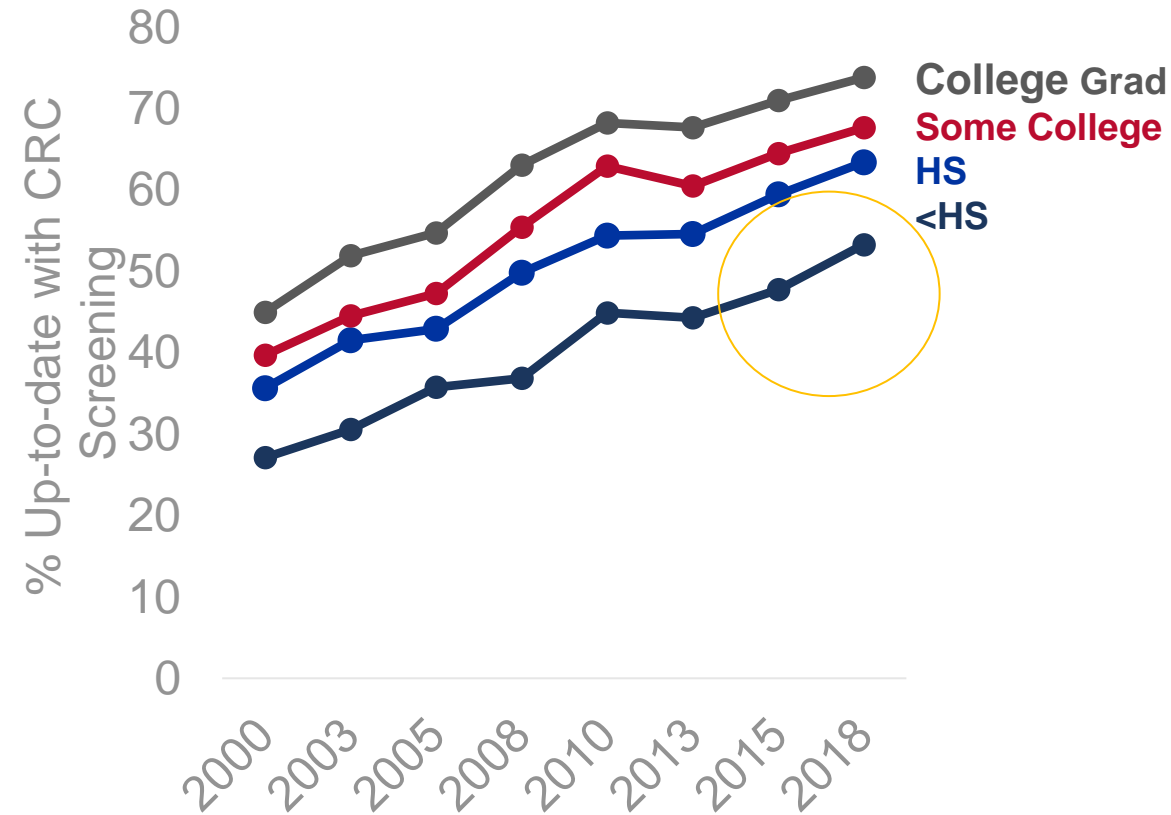
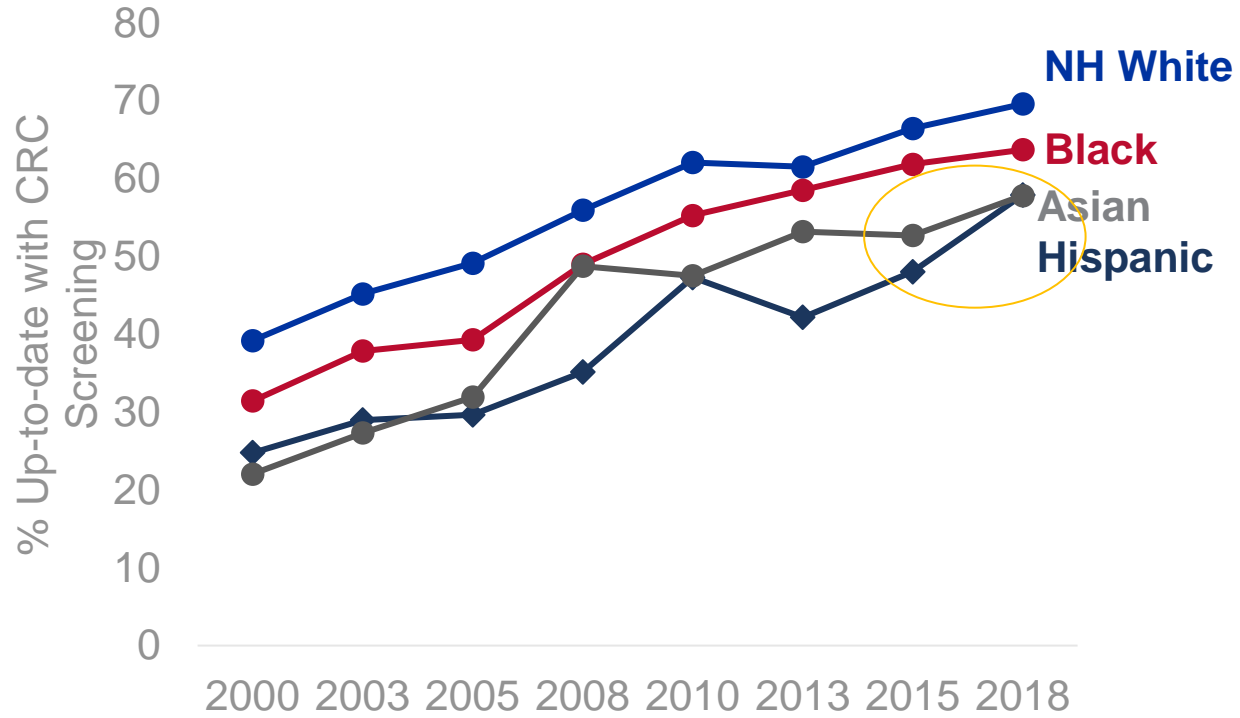
% Up-to-date CRC Screening 50-75 years, NHIS 2000-2019



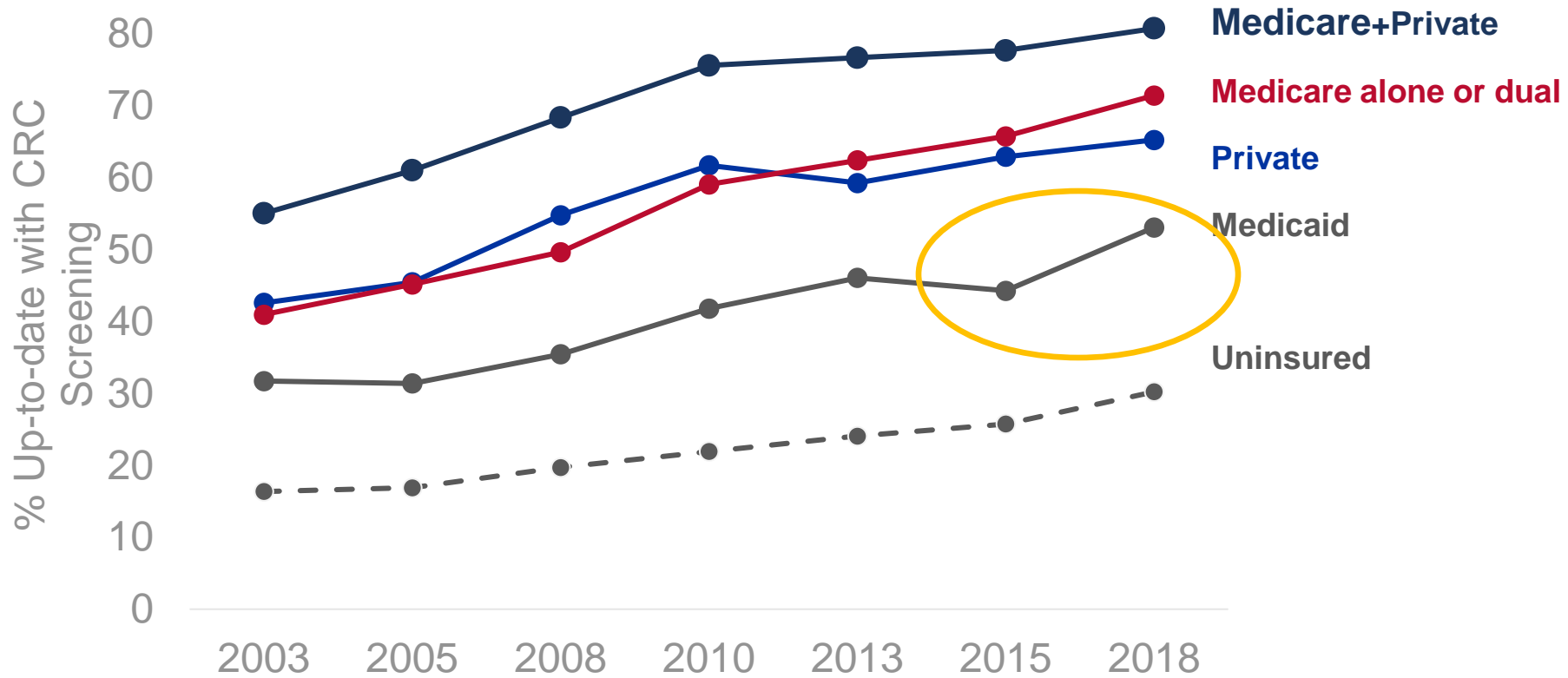
Pre-Pandemic Progress



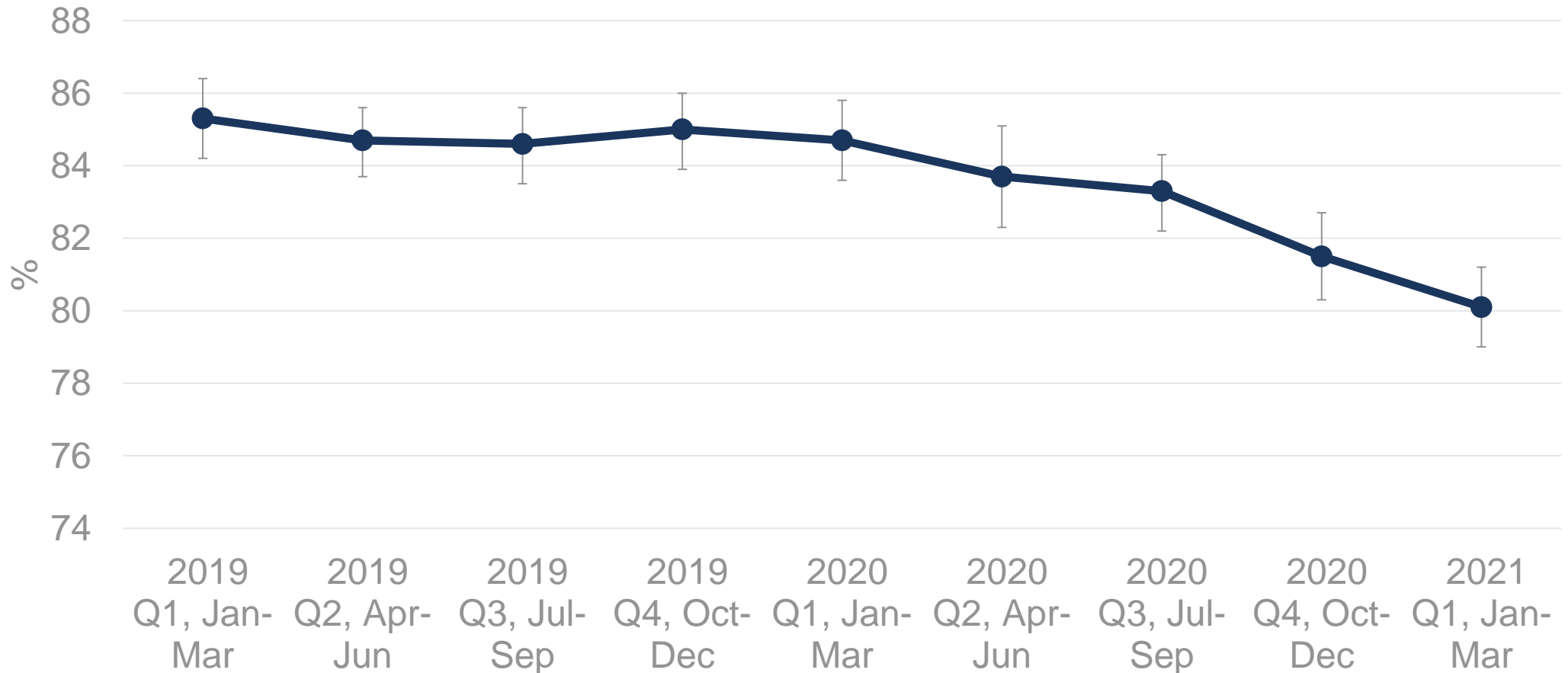
Pre-Pandemic Progress



Pre-Pandemic Progress: Insurance



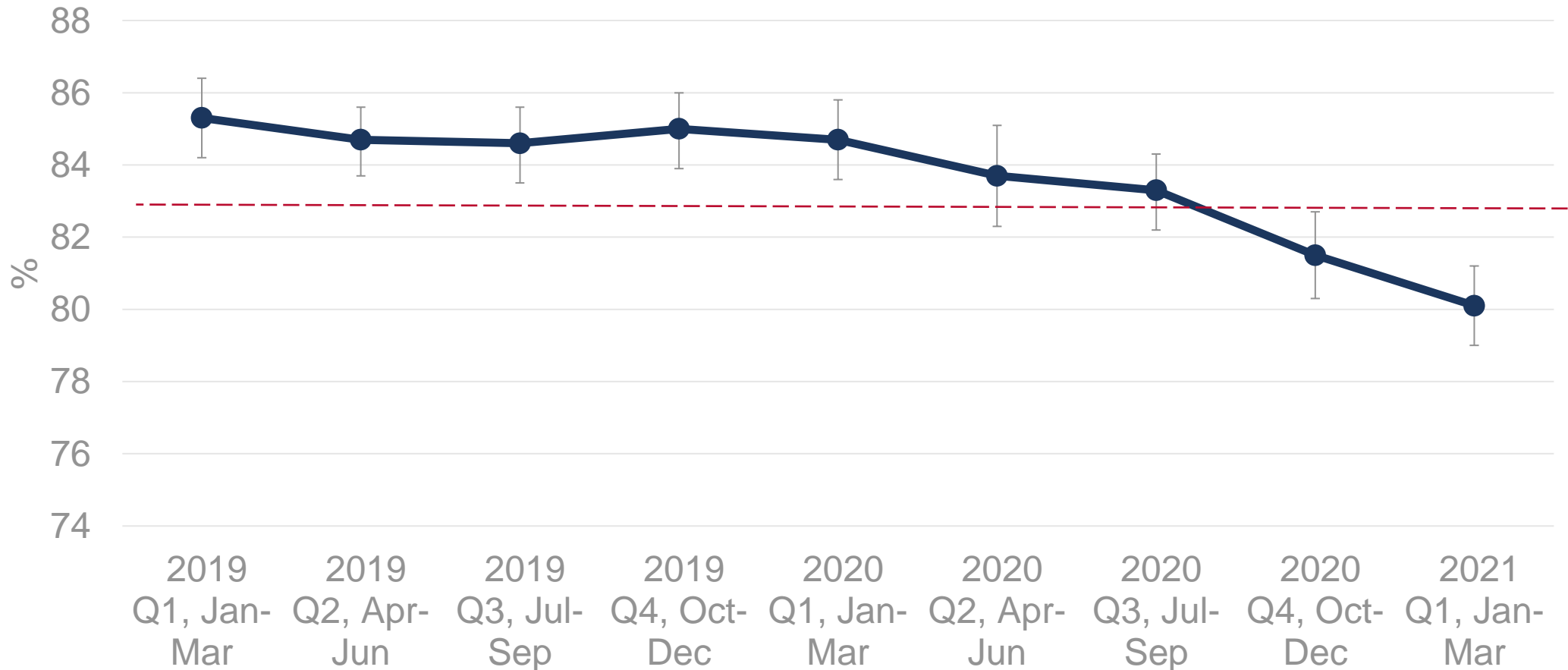
NHIS 2019-2021: Proportion of Adults Reporting PCP Visit in Past Year According to Interview Quarter



Note the scale



NHIS 2019-2021: Proportion of Adults Reporting PCP Visit in Past Year According to Interview Quarter



Note the scale



Conclusions

- Pre-pandemic increases in CRC screening, especially in some groups with lower screening rates and more barriers
- COVID-19 Pandemic influenced survey mode, response rates, and respondent characteristics

Thank you





Please submit your questions in the Q&A box.

NCCRT National Meeting

80% in Every Community Conference & NCCRT Annual Meeting – Nov. 15-17, 2021

Presentations by nationally known experts, thought leaders, and decision makers on CRC screening policy and delivery.

nccrt.org/events/





The 2022 80% in Every Community National Achievement Awards

Submit your nominations by Nov. 19!

nccrt.org/awards

Thank You!



nccrt.org

Questions? Contact nccrt@cancer.org