WHAT DO THE DATA TELL US: WHAT CAN WE LEARN FROM THE LATEST COLORECTAL CANCER SCREENING RATE TRENDS OVER TIME?

JANUARY 30, 2020
12:00 PM ET
Purpose of Today’s Webinar

• 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

Djenaba Joseph, MD, MPH
Centers for Disease Control & Prevention

Stacey Fedewa, PhD
American Cancer Society, Inc.

Mary Barton, MD, MPP
National Committee for Quality Assurance

Minh Nguyen, Pharm D, MPH
Health Resources & Services Administration
Colorectal Cancer Is A Major Public Health Problem

Colorectal cancer is the second leading cause of cancer death in the U.S. when men and women are combined, but it doesn’t have to be. Few preventive interventions are as readily effective in reducing avoidable deaths as screening for colorectal cancer.

- 147,940 estimated adults diagnosed with colorectal cancer in 2020
- 53,209 estimated deaths from colorectal cancer in 2021
- 1 in 3 adults ages 50–75 are not getting screened as recommended
- 1.45 Million adults with a history of colorectal cancer

Colorectal Cancer Screening Rates

We're realizing all of our progress in reaching the goal of 80% of adults ages 50 and older screened for colorectal cancer. There are strengths and limitations of each.

NATIONAL SCREENING RATE - BRFSS

Percentage of U.S. Adults Age 50-74 Years Up-to-Date with CRC Screening, Behavioral Risk Factor Surveillance System

- 2012: 65.2%
- 2014: 66.2%
- 2016: 67.3%
- 2018: 88.6%

The increase in the screening rate between 2012 and 2016 represents an additional 2,800,000 adults screened in 2016. If screening remains at the 2016 level, an additional 10.4 million colorectal cancer cases and deaths}

NATIONAL SCREENING RATE - NHIS

CRC Screening Among Adults Aged 50-74 Years, 2011-2015, National Health Interview Survey

- Ages 50+: 59%
- Ages 50-64: 63%
- Ages 65+: 58%

The increase in the overall screening rate between 2011 and 2015 translates to an additional 2,795,000 adults screened in 2015. If screening remains at the 2015 level, an additional 12.4 million colorectal cancer cases and deaths.
NCCRT 80% Hall of Fame Webpage

www.nccrt.org/hall-of-fame/
Note: We are not able to share Dr. Joseph and Dr. Fedewa’s presentations at this time since they contain unpublished data. We will update this webpage with the full slide deck as soon as we receive permission to do so.
Colorectal Cancer Screening
HEDIS® Measure

Mary Barton, MD MPP
Vice President, Performance Measurement
National Committee for Quality Assurance

National Colorectal Cancer Roundtable
>190 million people in HEDIS-reporting health plans
Colorectal Cancer Screening Measure

Adults age 50–75 years (enrolled for two years)
Screened for colorectal cancer by any of the following:

- Fecal occult blood test/fecal immunochemical test during the year
- Flexible sigmoidoscopy in the last 5 years
- Colonoscopy in the last 10 years
- Computed tomography colonography in the last 5 years
- FIT-DNA in the last 3 years

Exclusions: frailty and advanced illness, colorectal cancer, total colectomy
Overview

What do the data tell us?

- Commercial plans not moving fast
- But look at Medicare!
*Trending caution: added required exclusion to the Medicare product line for members 65 years of age and older living long-term in institutional settings.
Box and Whisker Plot Key

- **Median (50th percentile)**
- **Mean (average)**
- **Interquartile range** (25th percentile to 75th percentile)
- **Minimum***
- **Maximum***

*These values include outlier plans with particularly high or low performance
Commercial Health Plans
Number of Commercial Plans Over 80%

- 2014: 5
- 2015: 8
- 2016: 8
- 2017: 8
- 2018: 10
Top 10 Commercial Plans, 2018

<table>
<thead>
<tr>
<th>Health Plan</th>
<th>Score</th>
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<tbody>
<tr>
<td>Anthem Health Plans, Inc. dba...</td>
<td>87.8%</td>
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<tr>
<td>Kaiser Foundation Health Plan of...</td>
<td>84.8%</td>
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<tr>
<td>Oxford Health Plans (CT), Inc.</td>
<td>83.8%</td>
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<tr>
<td>Martin's Point US Family Health...</td>
<td>83.1%</td>
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<tr>
<td>Brighton Marine US Family Health...</td>
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<td>Anthem Health Plans of Maine,...</td>
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<td>Blue Cross and Blue Shield of...</td>
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<tr>
<td>Martin's Point US Family Health...</td>
<td>80.6%</td>
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<tr>
<td>Cigna Health and Life Insurance...</td>
<td>80.4%</td>
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<tr>
<td>Capital Health Plan, Inc.</td>
<td>80.3%</td>
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</table>
*Trending caution: added required exclusion to the Medicare product line for members 65 years of age and older living long-term in institutional settings.
Number of Medicare Plans Over 80%
## Top 10 Medicare Plans, 2018

<table>
<thead>
<tr>
<th>Plan Name</th>
<th>75%</th>
<th>80%</th>
<th>85%</th>
<th>90%</th>
<th>95%</th>
<th>100%</th>
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<tbody>
<tr>
<td>MMM Healthcare, LLC</td>
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<td>95.1%</td>
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<td>Triple S Advantage Inc.</td>
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<td>92.9%</td>
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<td>Kaiser Foundation Health Plan of…</td>
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<td>92.5%</td>
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<td>Leon Medical Centers Health Plans</td>
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<td>92.0%</td>
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<td>89.7%</td>
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<td>89.3%</td>
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<tr>
<td>Sierra Health and Life Insurance…</td>
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<td></td>
<td>88.8%</td>
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<tr>
<td>Kaiser Foundation Health Plan, Inc.</td>
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<td></td>
<td></td>
<td></td>
<td>88.8%</td>
<td></td>
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<tr>
<td>Stanford Health Care Advantage</td>
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<td></td>
<td>88.6%</td>
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Mary Barton, MD, MPP
barton@ncqa.org
2018 UDS CRC Screening Rate

What Does The Data Tell Us?

January 30, 2019

Minh Nguyen, PharmD, MPH
Office of Quality Improvement
Bureau of Primary Health Care (BPHC)

Vision: Healthy Communities, Healthy People
Introduction to HRSA and Uniform Data System (UDS)
  ▪ Health Center Program

Colorectal Cancer Screening rates
  ▪ Electronic clinical quality measure (eCQM): CMS130v6
  ▪ Colorectal Cancer Rate Improvement: 2012 – 2018 UDS
  ▪ Patient Center Medical Homes
  ▪ Reaching the unscreened: NCCRT Patient Populations
HRSA Health Center Program Mission

Improve the health of the nation’s underserved communities and vulnerable populations by assuring access to comprehensive, culturally competent, quality primary health care services
Impact: 2018 Uniform Data System Highlights

More than 28 million people rely on a HRSA-funded health center for care, including:

- 1 in 12 people
- 1 in 9 children
- 1 in 5 rural residents
- 1 in 3 living in poverty

- more than 385K veterans
- more than 800K served at school-based health centers
- nearly 1M agricultural workers
- about 4.5M living in or near public housing

Source: Uniform Data System, 2018
Electronic clinical quality measure (eCQM): CMS130v6

• Measure Description
  ▪ Percentage of adults 50-75 years of age who had appropriate screening for colorectal cancer

• Numerator Statement
  ▪ Patients with one or more screenings for colorectal cancer. Appropriate screenings are defined by any one of the following criteria:
    ✓ Fecal occult blood test (FOBT) during the measurement period
    ✓ Flexible sigmoidoscopy during the measurement period or the four years prior to the measurement period
    ✓ Colonoscopy during the measurement period or the nine years prior to the measurement period
    ✓ FIT-DNA during the measurement period or the two years prior to the measurement period
    ✓ CT Colonography during the measurement period or the four years prior to the measurement period

• Denominator Exclusions
  ▪ Patients with a diagnosis or past history of total colectomy or colorectal cancer.
  ▪ Exclude patients who were in hospice care during the measurement year.
Distribution of CRC Screening in Health Centers

HCs served nearly **5.6 million** patients age 50-75

HCs screened **2.5 million** patients

**44.11%** patients screened by HCs nationally

Source: Uniform Data System, 2018
2018 UDS Colorectal Cancer Screening Rate

Source: Uniform Data System, 2018
UDS Colorectal Cancer Screening Rates in Health Centers

<table>
<thead>
<tr>
<th>Year</th>
<th>CRC Screening Rate</th>
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<tbody>
<tr>
<td>2012</td>
<td>30.14%</td>
</tr>
<tr>
<td>2014</td>
<td>32.63%</td>
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<tr>
<td>2016</td>
<td>38.35%</td>
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<tr>
<td>2018</td>
<td>42.02%</td>
</tr>
<tr>
<td>2020</td>
<td>44.11%</td>
</tr>
</tbody>
</table>
Colorectal Cancer Screening Rate Improvement: 2012 – 2018

Source: Uniform Data System, 2018
CRC Screening by Practice Size

Practice Size: FTE Physicians

Value Based Care

Patient Centered Medical Home
PCMH and Colorectal Cancer Screening

31 Health Centers have reached 80% colorectal cancer screening rate.

30 Primary Care Associations focused on colorectal cancer screening in 2018.

Colorectal Cancer Screening Rates by PCMH Recognition

- National: 44.11%
- PCMH: 44.96%
- Not PCMH: 38.92%

Source: Uniform Data System, 2018
Value-Based Care and Patient-Centered Medical Home

(77% as of July 1, 2019, 1,045/1,357 Health Centers)

Source: HRSA Accreditation and Patient-Centered Medical Home Report, 2019

PCMH transformation is a critical strategy to advance value-based care delivery.

Source: American Academy of Family Physicians
National Colorectal Cancer Roundtable
Reaching Unscreened Patient Populations
Percentage of Patients Age 45 – 49 in Health Centers

Source: Uniform Data System, 2018
Thank You!

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www.HRSA.gov

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Please submit your questions in the chat box.
Join Us for the Following Upcoming Event:

2020 Colorectal Cancer Awareness Month Webcast
Thursday, March 5th, 2:00-3:00 PM ET
• Featuring Dr. Richard Wender, and other special guests
• Learn the latest state of the field updates
• Hear from the winners of the 2020 80% in Every Community National Achievement Awards

Register now! www.nccrt.org/events/
Thank You!

To follow NCCRT on social media:
Twitter: @NCCRTnews  #80inEveryCommunity
Facebook: www.facebook.com/coloncancerroundtable

For more information contact:
nccrt@cancer.org

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