

Breakout Topic D:

Cervical Screening Health Equity

11:00 AM – 12:30 PM



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Cervical Screening Health Equity



Rebecca Landy, PhD
American Cancer Society



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Southcentral Foundation

Cervical Screening Health Equity

Rebecca Landy, PhD

June 9, 2026



Disclosures and Acknowledgements

Nothing to disclose

Collaborators on the work I'll show at the end:

Sarah Phillips (Hospital of the University of Pennsylvania)

Priti Bandi (ACS)

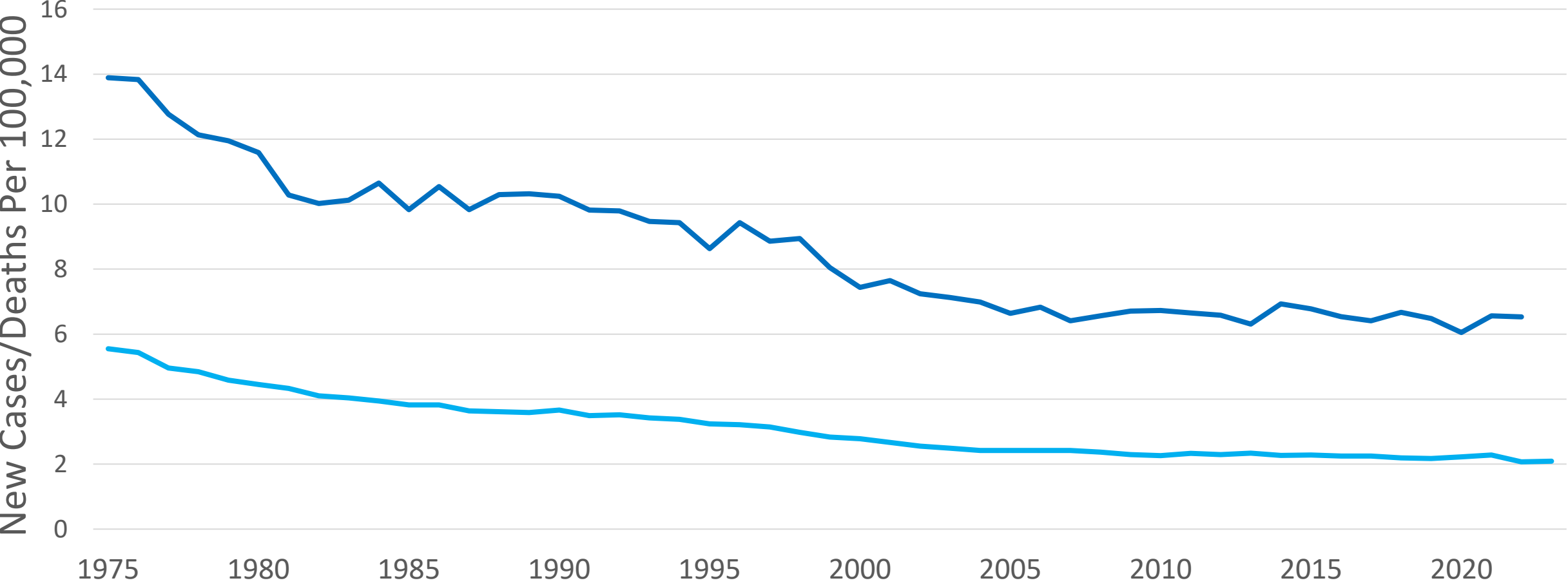
Jessica Star (ACS)

Sarah Temkin (ACS)

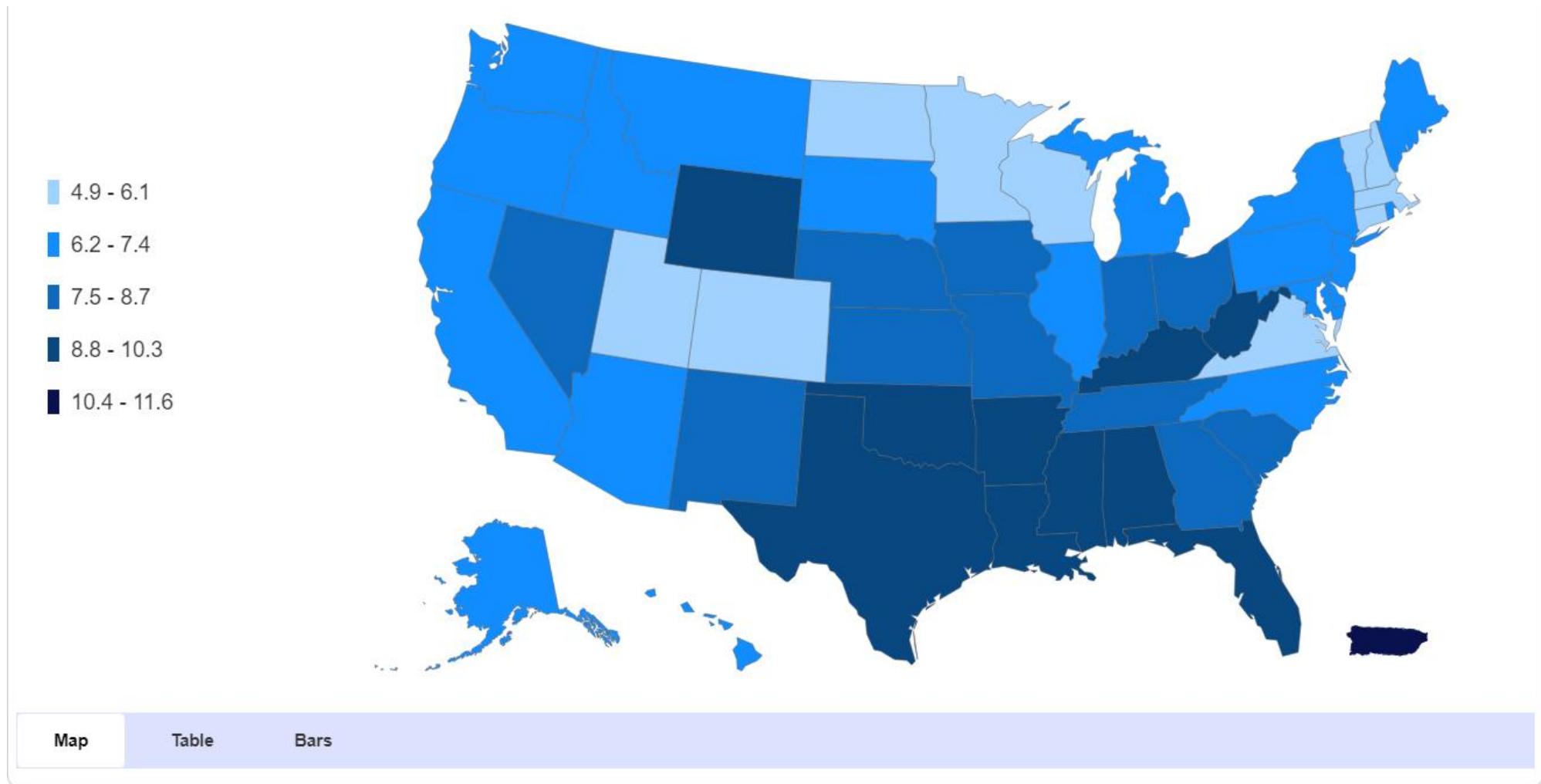
Bob Smith (ACS)

Cervical Cancer Incidence and Mortality

— Rate of New Cases — Death Rate



Cervix Cancer Incidence Rates by State, 2017–2021



©American Cancer Society, 2024

Data Source: North American Association of Central Cancer Registries, 2024

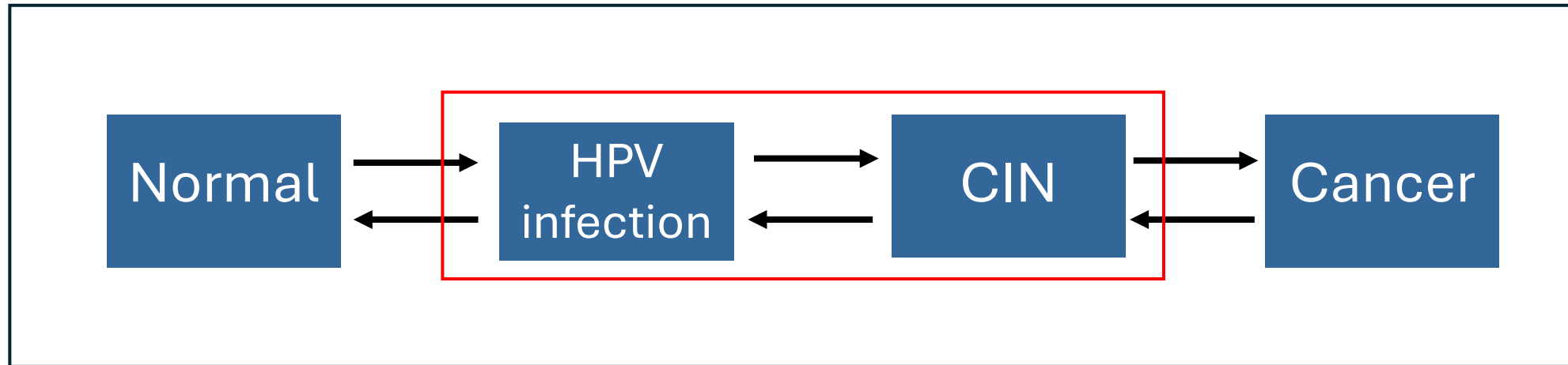
Rate per 100,000, age-adjusted to the 2000 US standard population. Incidence is adjusted for delays when possible.

Cervical Cancer Screening

Recommended for ages 21-65 (USPSTF) or 25-65 (ACS)

HPV testing – detect high-risk HPV infection, 5-year screening interval

Cytology/Pap testing – detect abnormal cells, 3-year screening interval

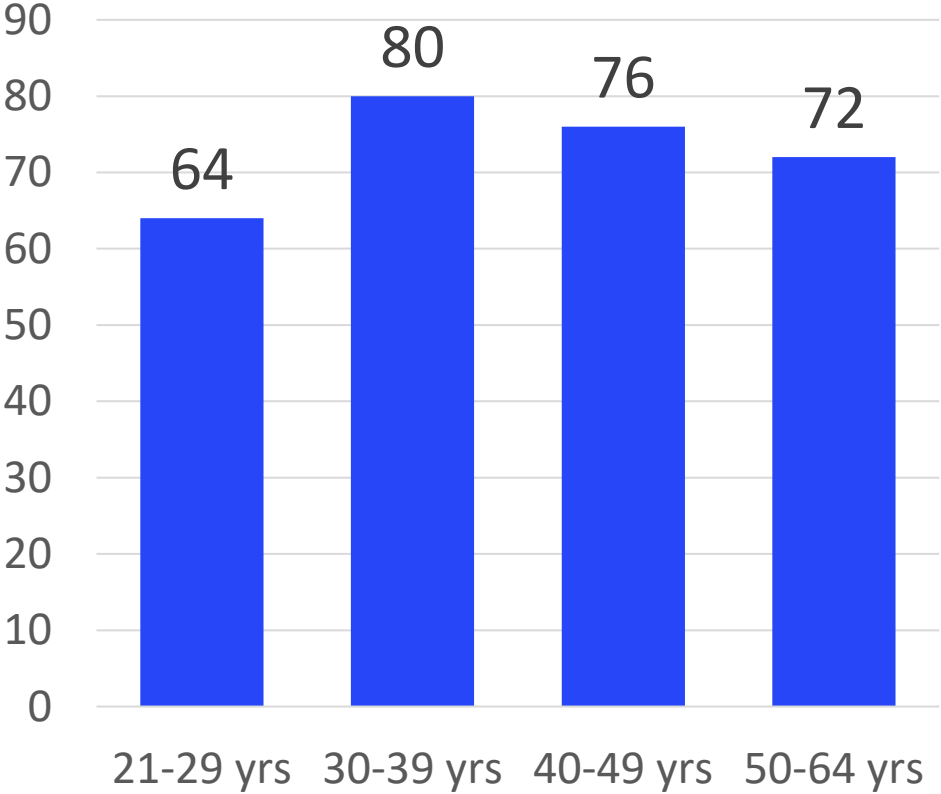


ACS guidelines updated in December 2025 to include self-sampling.
Attending screening regularly is estimated to reduce the risk of cancer by 70%¹

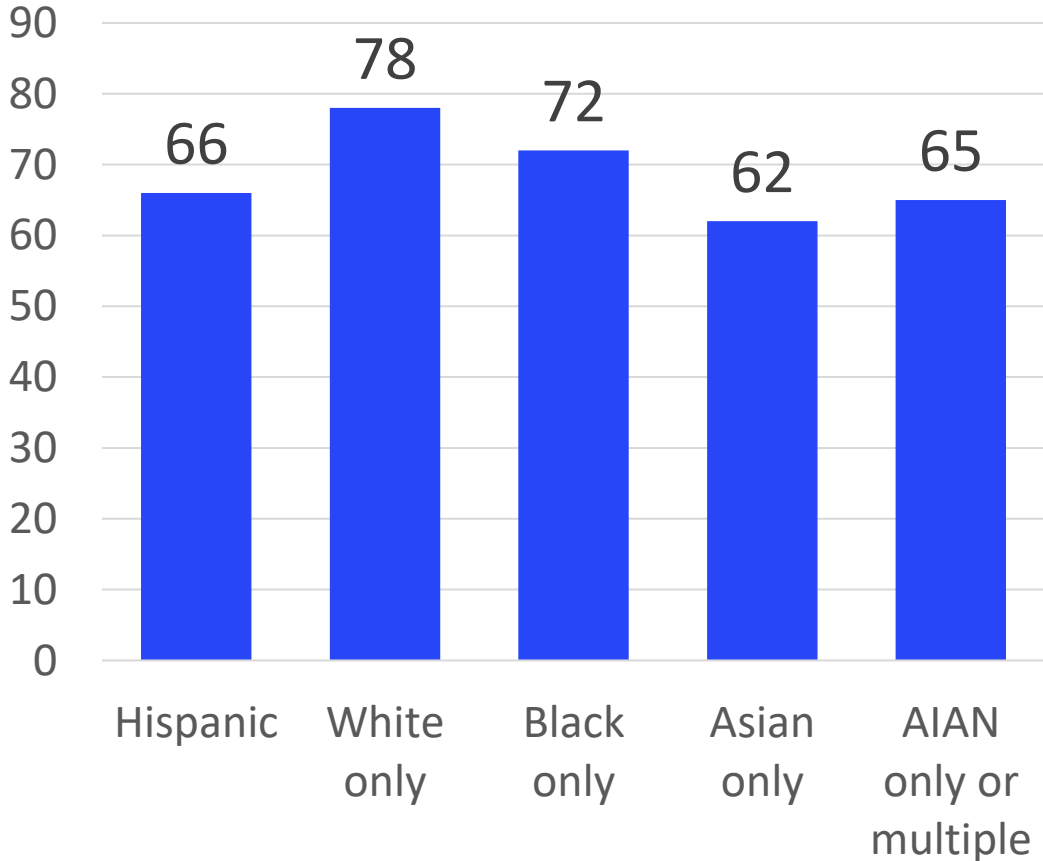
¹ Landy et al, International Journal of Cancer, 2020

Cervical screening uptake (75% in 2021)

Cervical screening uptake by age



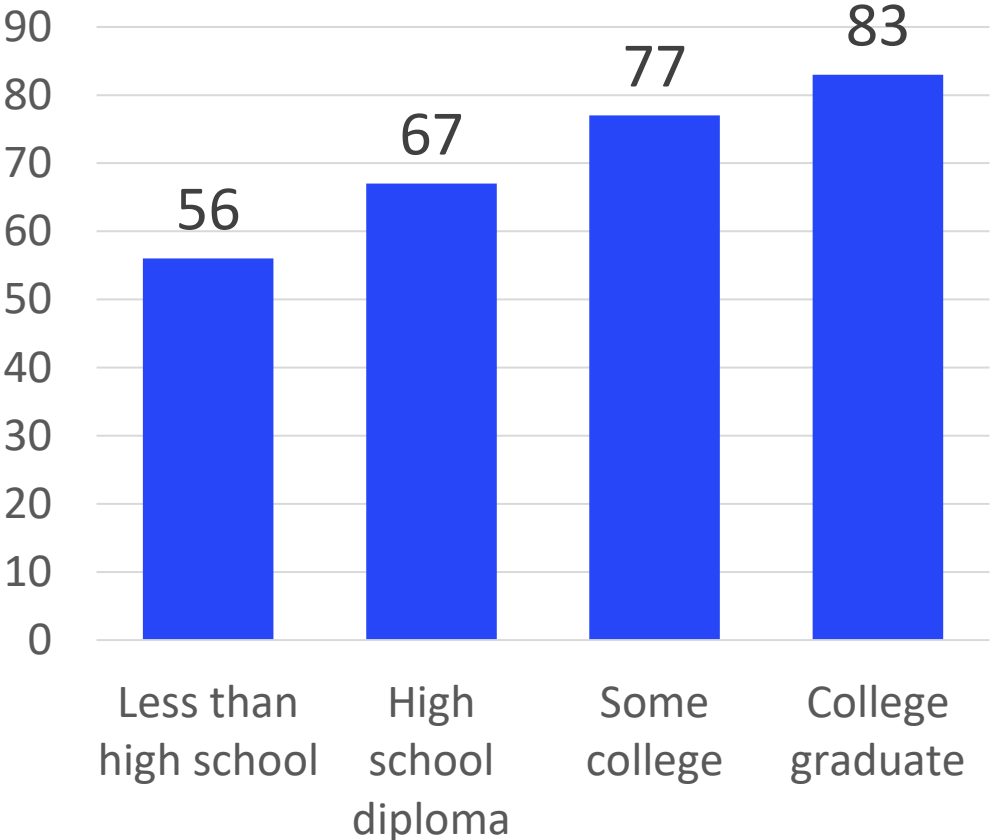
Cervical screening uptake by race and ethnicity



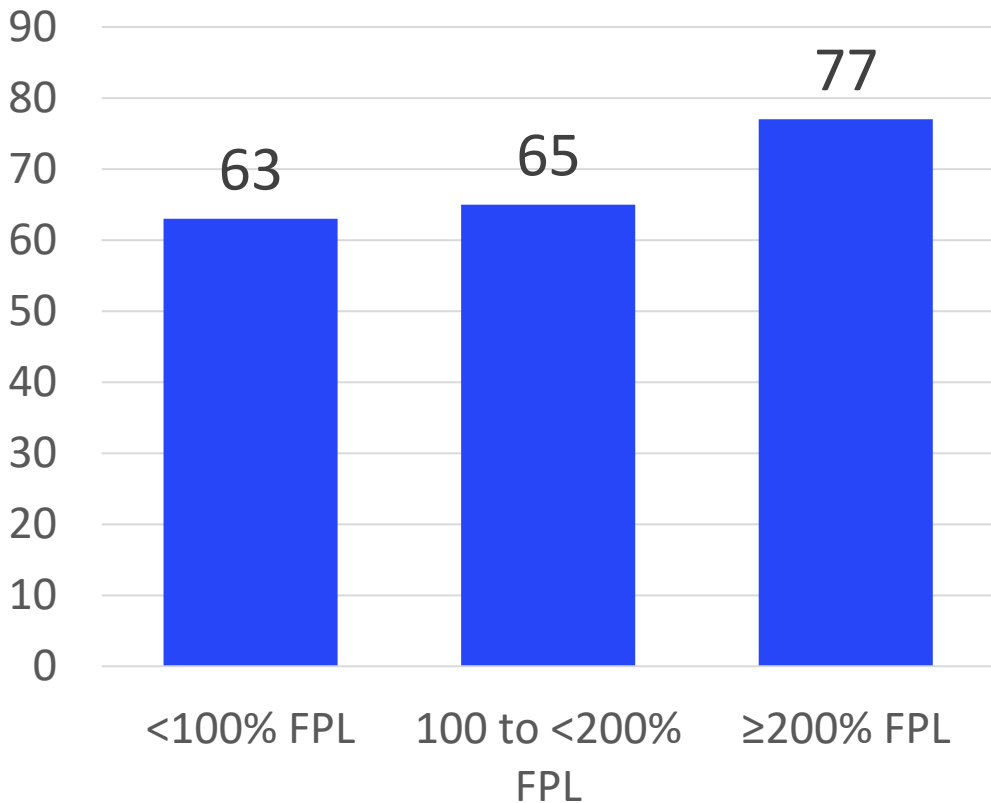
American Cancer Society. *Cancer Prevention & Early Detection Facts & Figures 2025*. Atlanta: American Cancer Society; 2025-2026. <https://www.cancer.org/research/cancer-facts-statistics/cancer-prevention-early-detection.html>

Cervical screening uptake (2021)

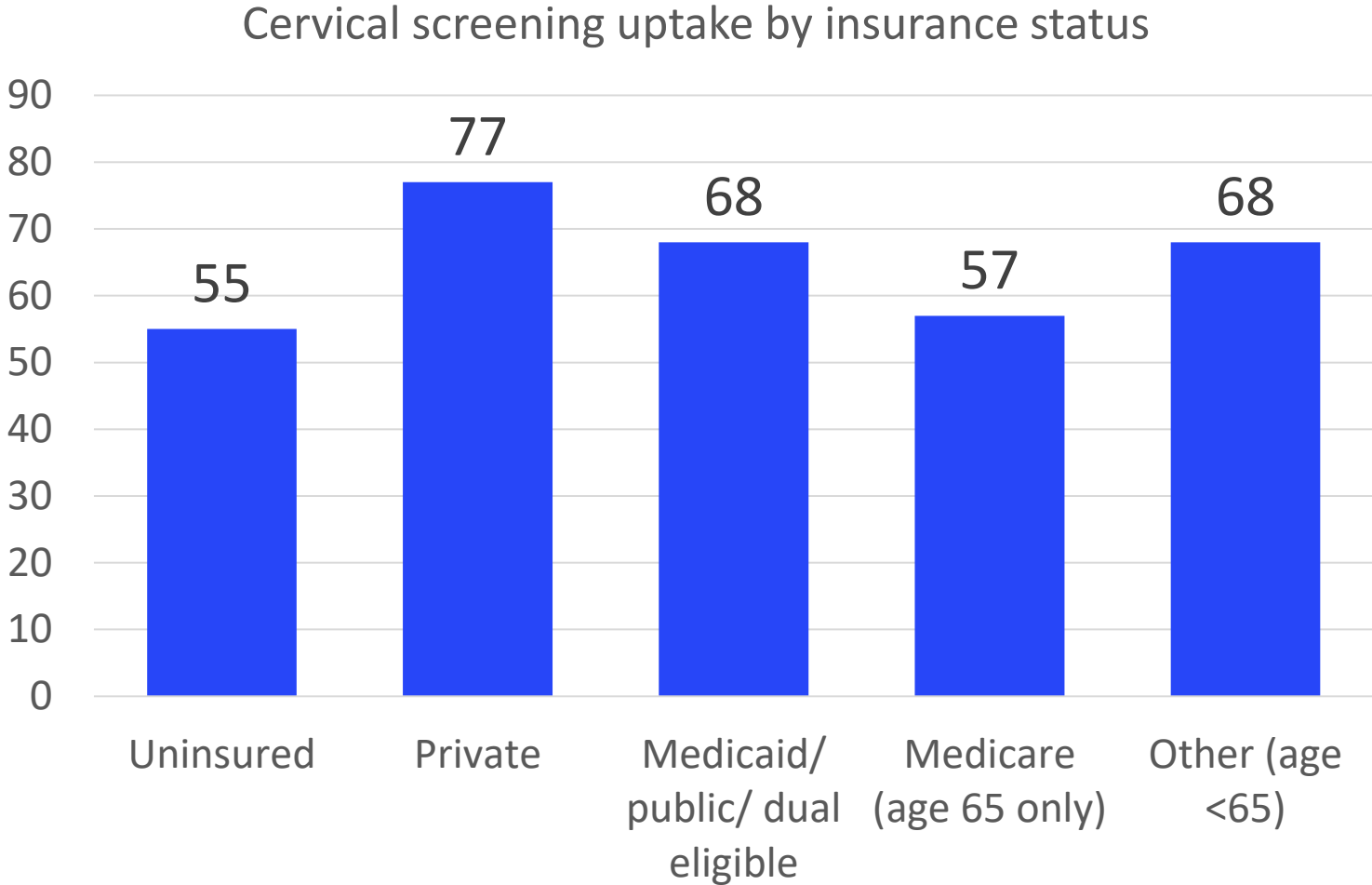
Cervical screening uptake by education (age 25+)



Cervical screening uptake by income level



Cervical screening uptake (2021)



HPV vaccination

- Approved in the US since 2006
- Currently recommended for everyone aged 9-26, shared decision making ages 27-45 years
- In 2023, 65% of females and 61% of males aged 13-17 had received at least 1 dose before their 13th birthday ¹
- In 2022, 52% of female and 31% of male individuals aged 19-26 reported ever having received at least one dose ²
- Estimated to reduce lifetime risk of cervical cancer by 85% if vaccinated by age 12 ³
- Cancer Facts and Figures 2026: The rate of cervical cancer in women aged 20-24 years decreased by 11% per year since 2012

¹ National Immunization Survey-Teen, 2023; ² National Health Interview Survey, 2022; ³ Kim et al, JNCI, 2017

3 studies showing a reduction in cervical cancer incidence among vaccinated women

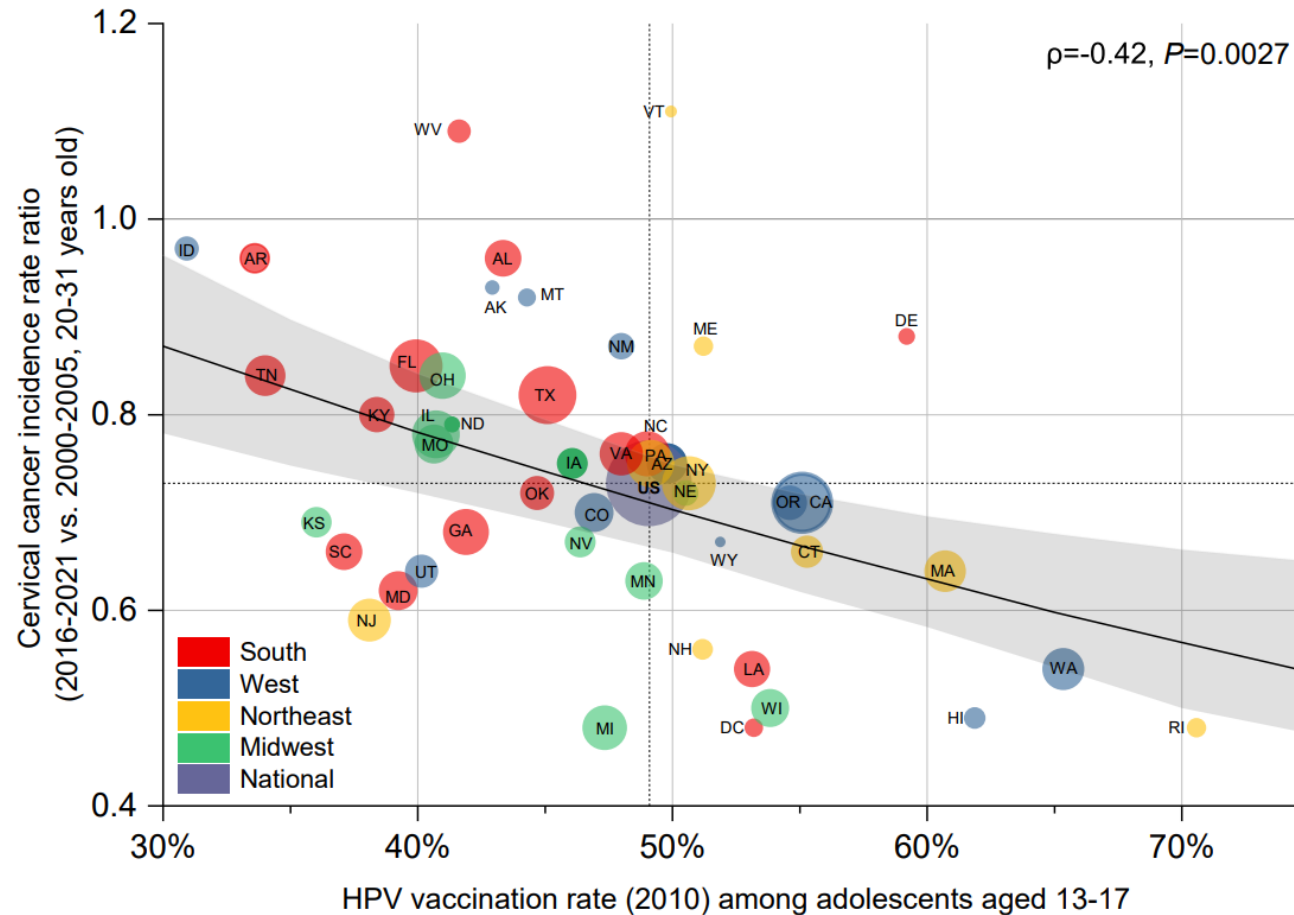
CONCLUSIONS

Among Swedish girls and women 10 to 30 years old, quadrivalent HPV vaccination was associated with a substantially reduced risk of invasive cervical cancer at the population level. (Funded by the Swedish Foundation for Strategic Research and others.)

creased with increasing buffer period (IRR = 0.85, 95% CI = 0.55 to 1.32, with 4-year buffer period). **Conclusion:** HPV vaccine effectiveness against cervical cancer at the population level is high among girls vaccinated younger than age 20 years. The lack of immediate effect in women vaccinated at age 20-30 years points to the importance of early age at vaccination.

Interpretation We observed a substantial reduction in cervical cancer and incidence of CIN3 in young women after the introduction of the HPV immunisation programme in England, especially in individuals who were offered the vaccine at age 12–13 years. The HPV immunisation programme has successfully almost eliminated cervical cancer in women born since Sept 1, 1995.

State Level Vaccination Rates are Associated with Cervical Cancer Incidence



Cervical screening by HPV vaccination status

- Screening rates are not presented by HPV vaccination status, despite knowing that cervical cancer risk varies dramatically by vaccination status.
- This makes it hard to assess the population-level protection against cervical cancer that is being achieved by cervical screening.
- Data from NHIS 2019, females aged 21-39 years who did not report a hysterectomy (N=4000)
 - Self-reported HPV vaccination status, self-reported cervical screening status/time since last screen
- Assumptions:
 - HPV vaccination reduces the risk of cervical cancer by 85%¹
 - Being up-to-date with cervical screening reduces the risk of cervical cancer by 70%²
 - The effects of vaccination and screening are independent, i.e. vaccinated females who are up-to-date with screening have 95.5% lower risk
 - Ignores herd immunity

Conclusions

- Cervical screening rates are higher among women who self-reported receiving the HPV vaccine
- High risk subgroup – 15% (1 in 7) females aged 21-39 are both unvaccinated and unscreened
- Population-level benefit of increasing screening uptake varies by whether the additional people being screened have been vaccinated
 - Highlights the importance of both screening and vaccination
- Knowing vaccination status helps inform where to focus prevention efforts and interventions
- Knowing screening uptake by vaccination status helps better understand population-level protection

There is very limited published data looking at observed screening rates by vaccination status

- Results I presented are based on self-report for both vaccination and screening

Do you have access to data where this could be explored?

If so, please be in touch! Rebecca.Landy@cancer.org



Thank You

Uncovering Gaps in Screening and Charting a Path Toward Targeted Improvement

Trisha L. Amboree, PhD MPH

Assistant Professor, Public Health Sciences
Cancer Prevention & Control Program

American Cancer Society Roundtable National Meeting
Screening Equity Session
June 9, 2026

Disclosures

My travel and lodging was covered to give this talk.

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I have no other financial relationships or conflicts of interest to disclose.

The ideas presented in this talk are my own and do not necessarily represent my funder or employer.

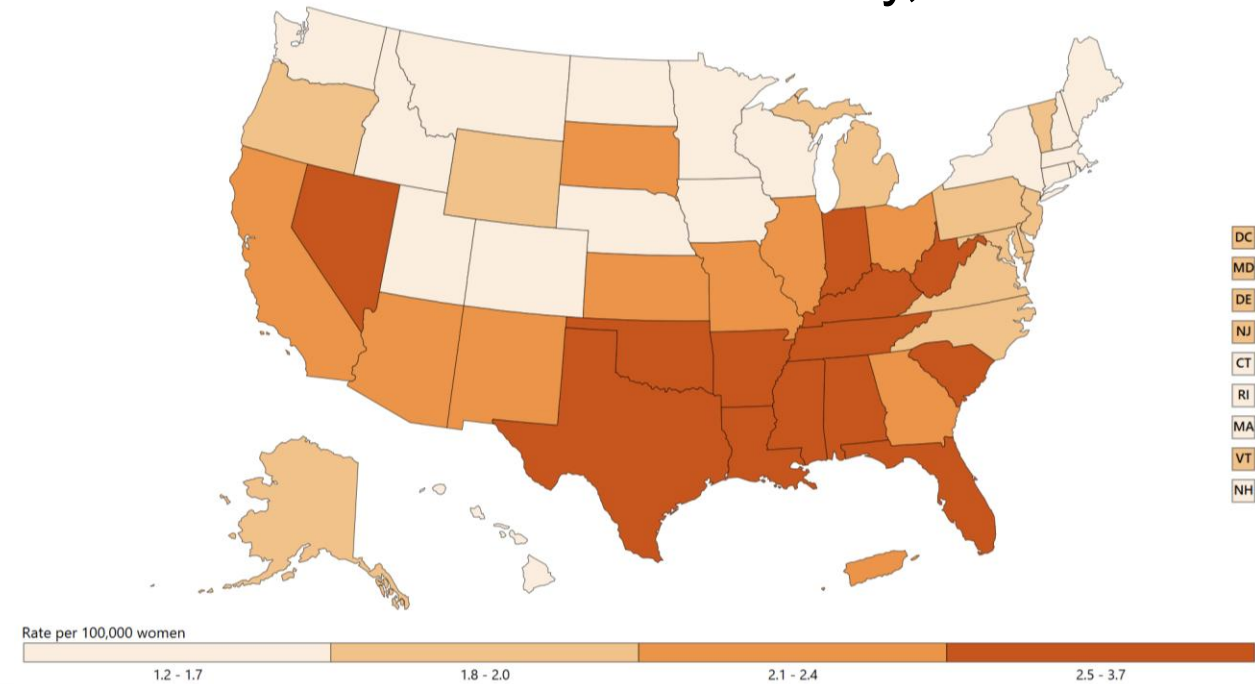
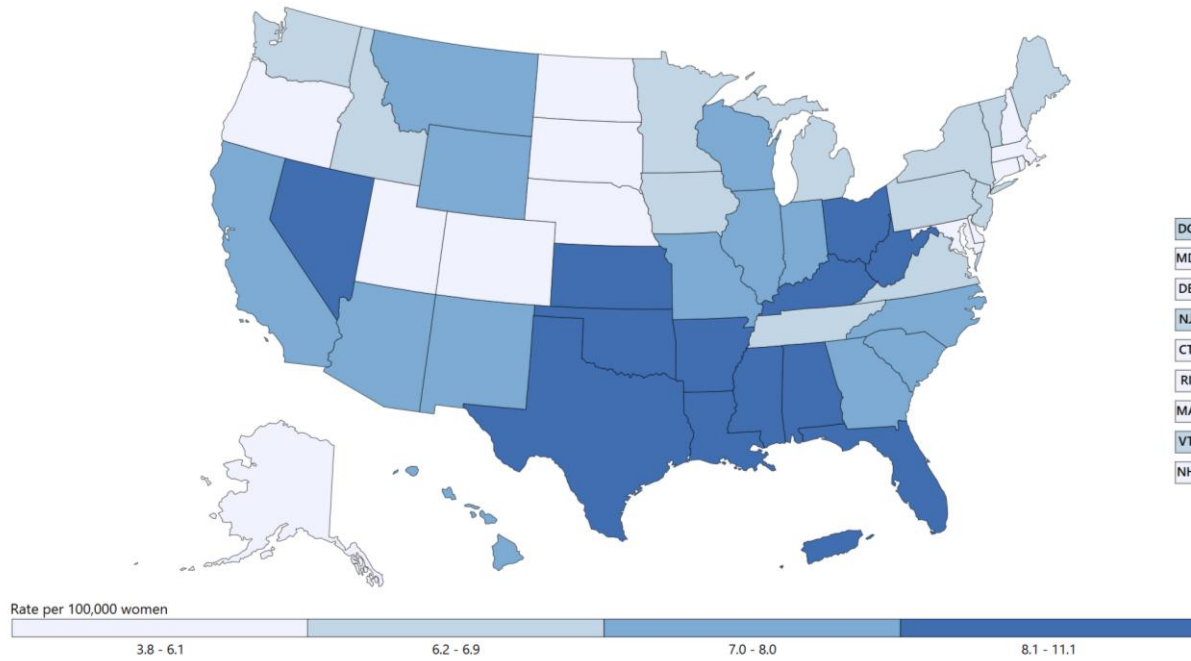
> 200,000
Cervical Precancer
Cases

12,960
Cervical Cancer
Cases

4,162
Deaths

Annual Incidence, 2022

Mortality, 2019-2023



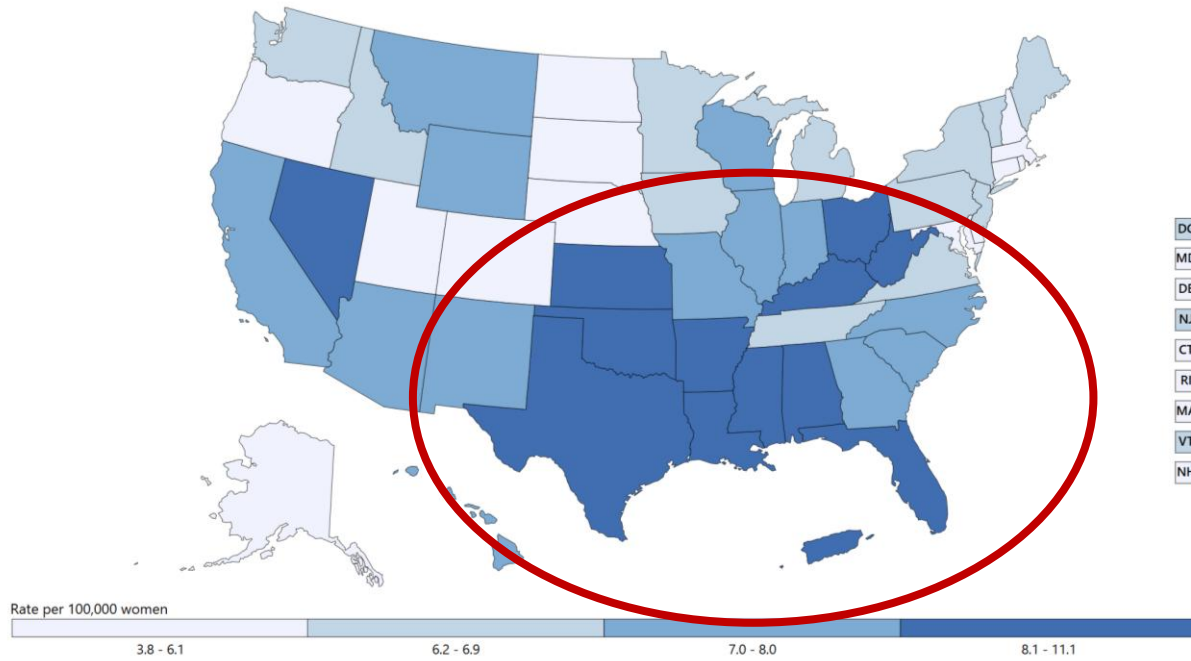
USCS Working Group, NCI, 2025 [1]

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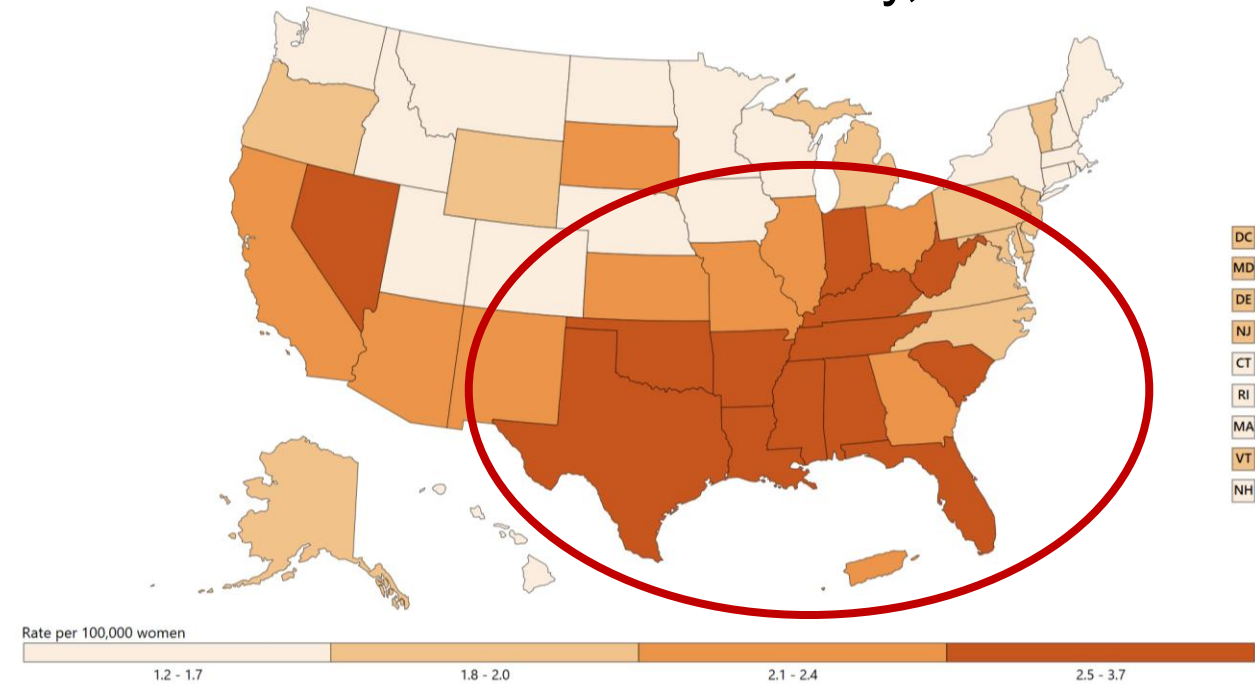
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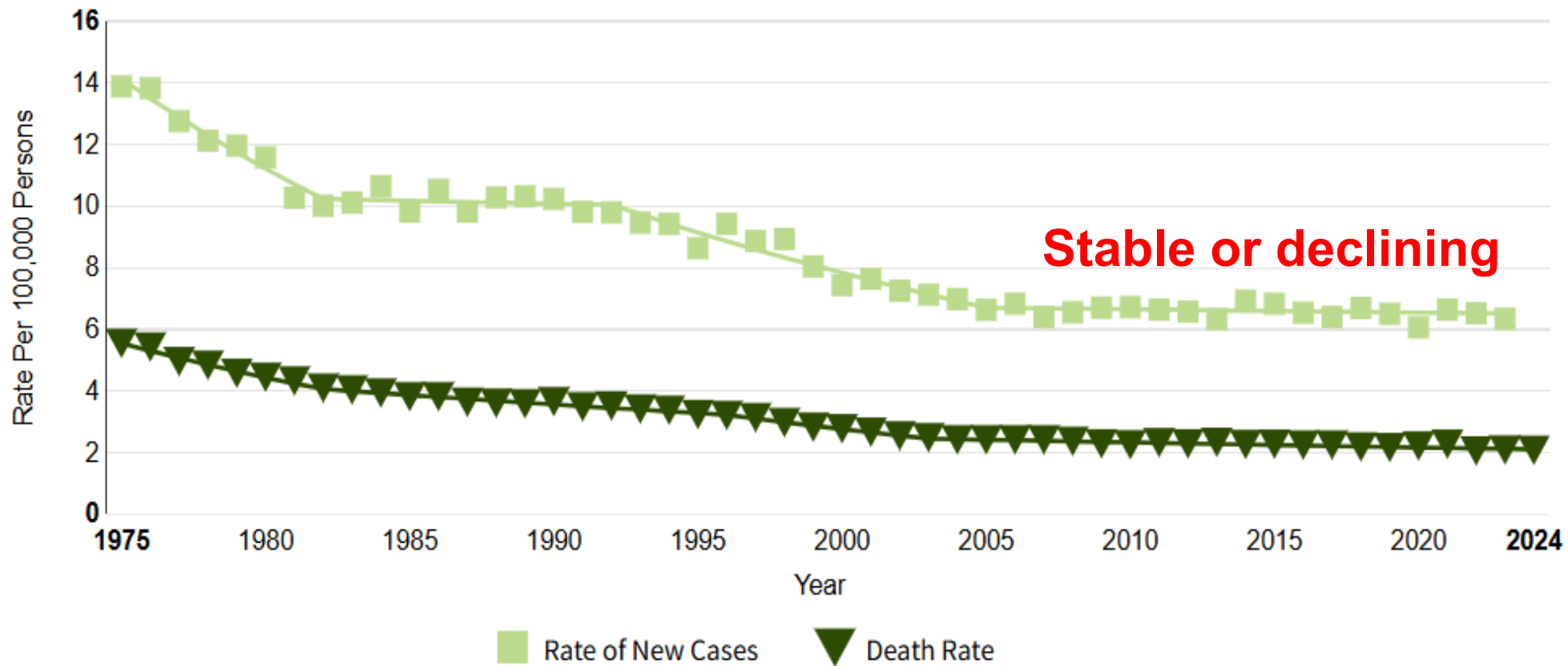
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USCS Working Group, NCI, 2025 [1]

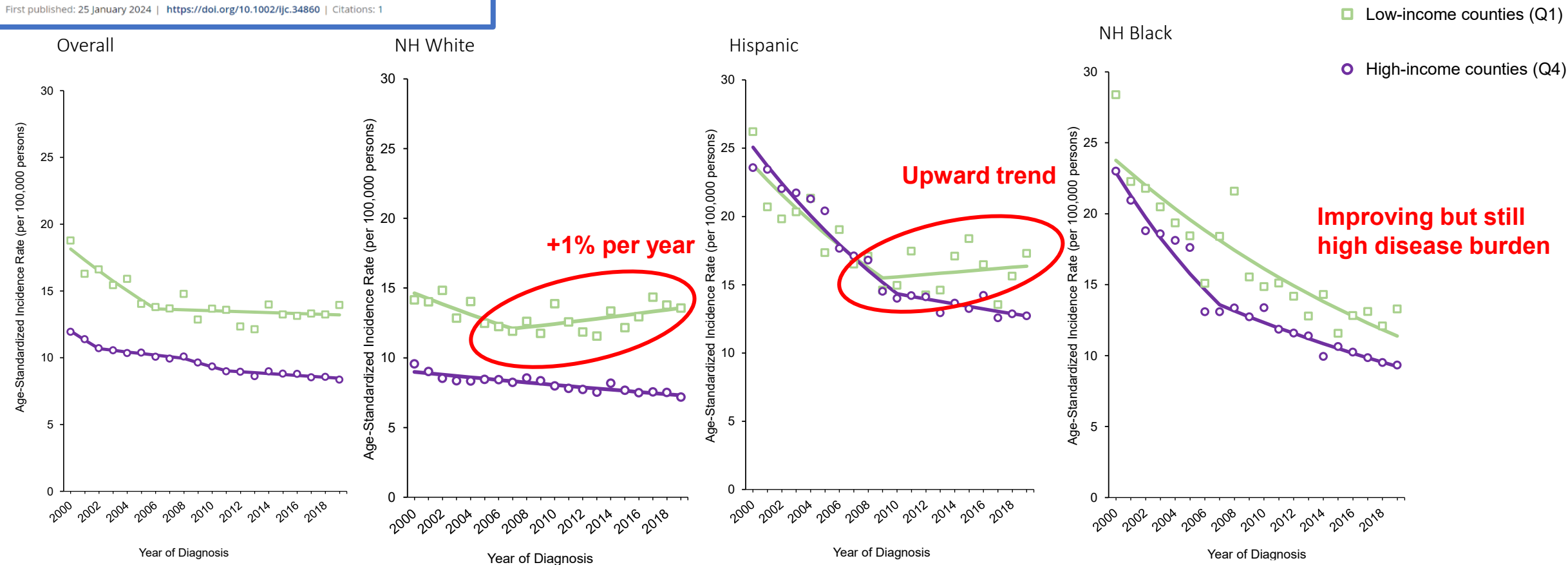


NCI SEER, 2026 [2]

Recent trends in cervical cancer incidence, stage at diagnosis, and mortality according to county-level income in the United States, 2000–2019

Trisha L. Amboree ✉, Haluk Damgacioglu, Kalyani Sonawane, Prajakta Adsul, Jane R. Montealegre, Ashish A. Deshmukh

First published: 25 January 2024 | <https://doi.org/10.1002/ijc.34860> | Citations: 1



Amboree et al., *Int J Cancer*, 2024 [3]

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Troubling increase of distant-stage diagnoses within low-income quartile

Race and ethnicity	Year	APC	(95%CI)
All	2004-2019	1.5%	-0.3% to 3.6%
NH White	2004-2019	4.4% *	1.7% to 7.5%
Hispanic	2004-2019	1.5%	-0.6% to 4.1%
NH Black	2004-2019	-4.1% *	-7.8% to -0.5%

* denotes statistical significance

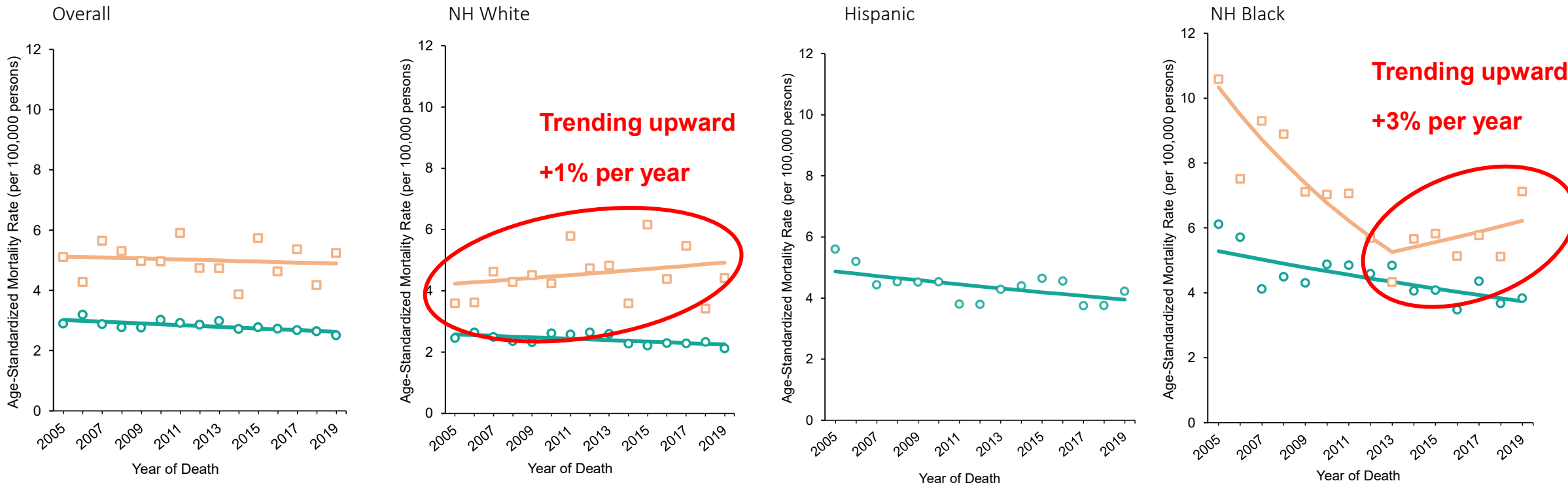
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- Low-income counties (Q1)
- High-income counties (Q4)



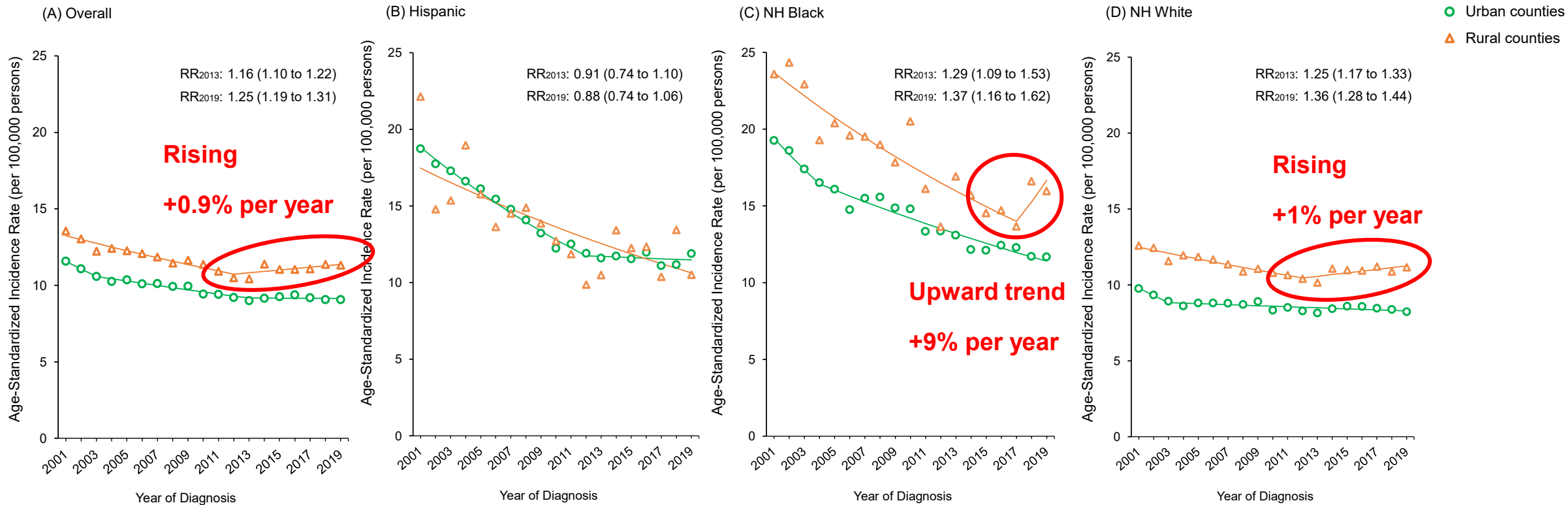
Amboree et al., *Int J Cancer*, 2024 [3]

Rural-Urban Disparities in Cervical Cancer Incidence and Mortality Among US Women

Trisha L. Amboree, PhD, MPH^{1,2,3}; Haluk Damgacioglu, PhD^{1,2}; Elizabeth Y. Chiao, MD^{4,5}; Kathleen M. Schmeler, MD⁶; Kalyani Sonawane, PhD^{1,2}; Ashish A. Deshmukh, PhD^{1,2}; Jane R. Montealegre, PhD³

> Author Affiliations | Article Information

JAMA Netw Open. 2025;8(3):e2462634. doi:10.1001/jamanetworkopen.2024.62634



Amboree et al., JAMA Netw Open, 2025 [4]

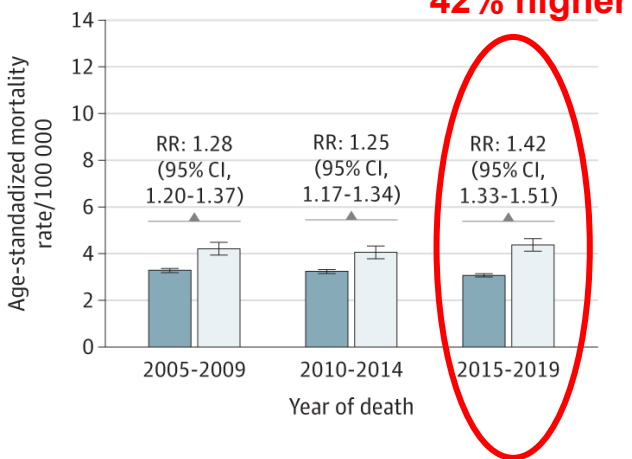
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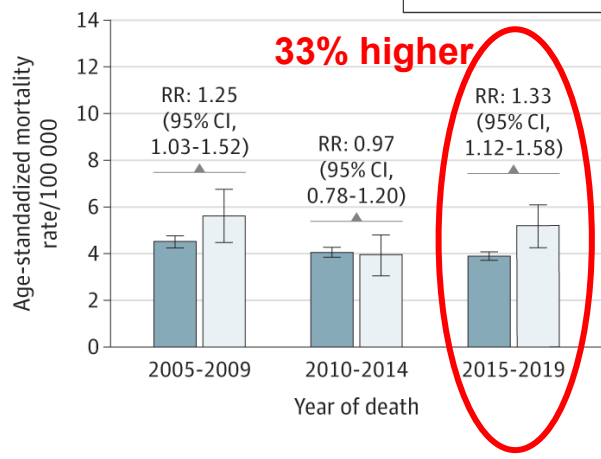
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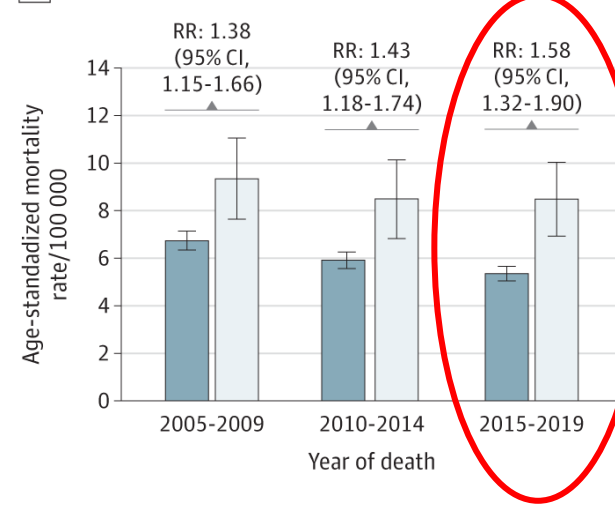
A All races and ethnicities



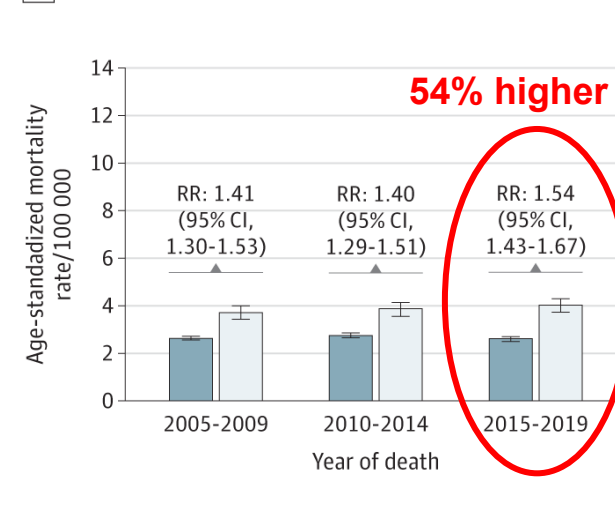
B Hispanic



C Non-Hispanic Black



D Non-Hispanic White

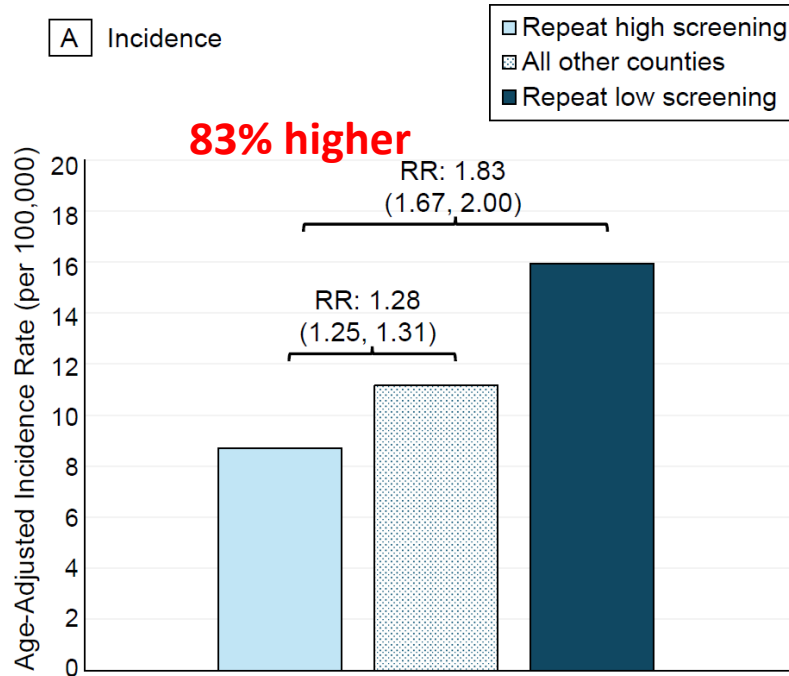


Amboree et al., JAMA Netw Open, 2025 [4]

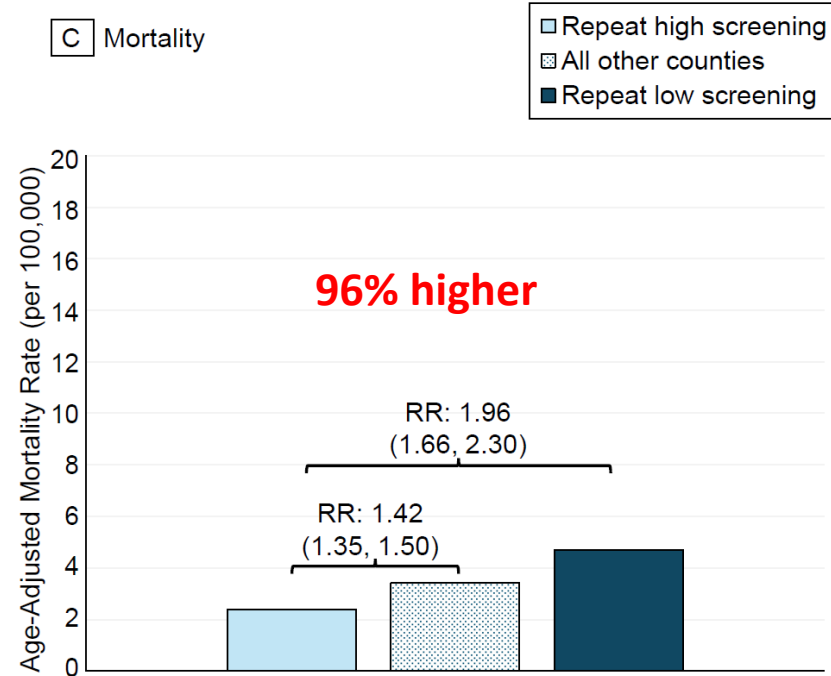


County-Level Cervical Cancer Screening Coverage and Differences in Incidence and Mortality

Trisha L. Amboree, PhD, MPH; Jane R. Montealegre, PhD; Haluk Damgacioglu, PhD; Brian Orr, MD; John Wrangle, MD; Kalyani Sonawane, PhD; Ashish A. Deshmukh, PhD



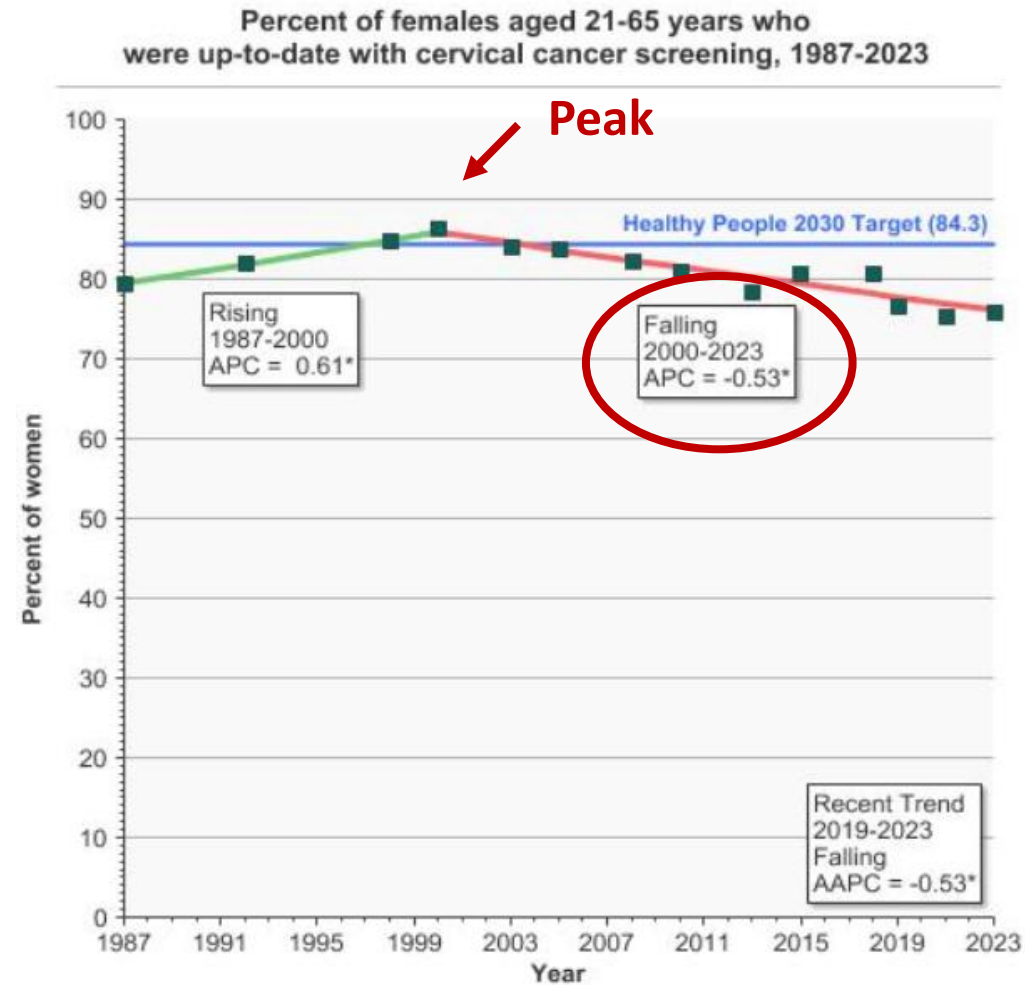
Cases/Pop. Size	8,125/94,589,516	21,497/199,178,925	550/3,600,370
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Cases/Pop. Size	2,000/76,177,818	6,360/179,188,873	170/3,517,772
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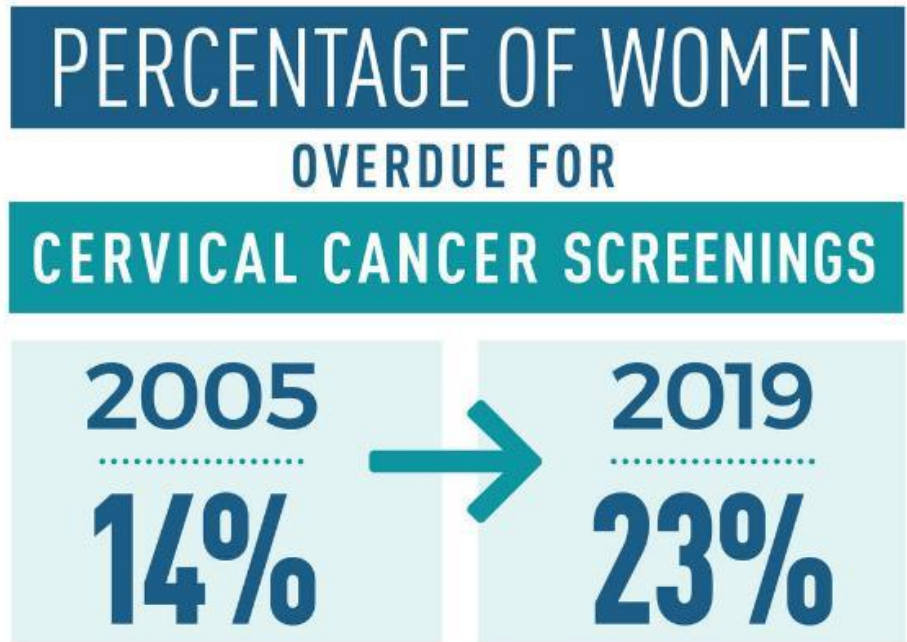
Amboree et al., *JAMA Netw Open*, 2025 [5]

Low Screening Uptake



NCI DHHS, 2025 [6]

Low Screening Uptake



Source: Suk R, et al. doi:10.1001/jamanetworkopen.2021.43582

Suk et al., *JAMA Netw Open*, 2024 [7]

Predicted Probability of Overdue Screening

	Age 21-29y	Age 30-65y
Asian	36%	36%
Hispanic	31%	30%
NH Black	23%	21%
NH White	22%	21%
Other	28%	29%

	Age 21-29y	Age 30-65y
Private	20%	20%
Public	28%	28%
Other	24%	23%
None	41%	41%

Settings servicing low-resourced populations

**NATIONAL ASSOCIATION OF
COMMUNITY HEALTH CENTERS®**

AMERICA'S HEALTH CENTERS

AUGUST 2025

Community Health Centers are nonprofit, **patient-governed** organizations that provide high-quality, **comprehensive primary health care** to America's **medically underserved communities**, serving **all patients** regardless of income or insurance status.

In 2024, health centers served a record-breaking, 33.9M patients

1,512 Community Health Center grantees and look-alikes provided care to **nearly 34 million** patients at **17,076 sites** across the country in 2024.

At least 1 in 10 people are health center patients, of whom:

- 18% are **uninsured**
- 59% are **publicly insured**
- 90% have **low-incomes**
- 64% are **people of color**

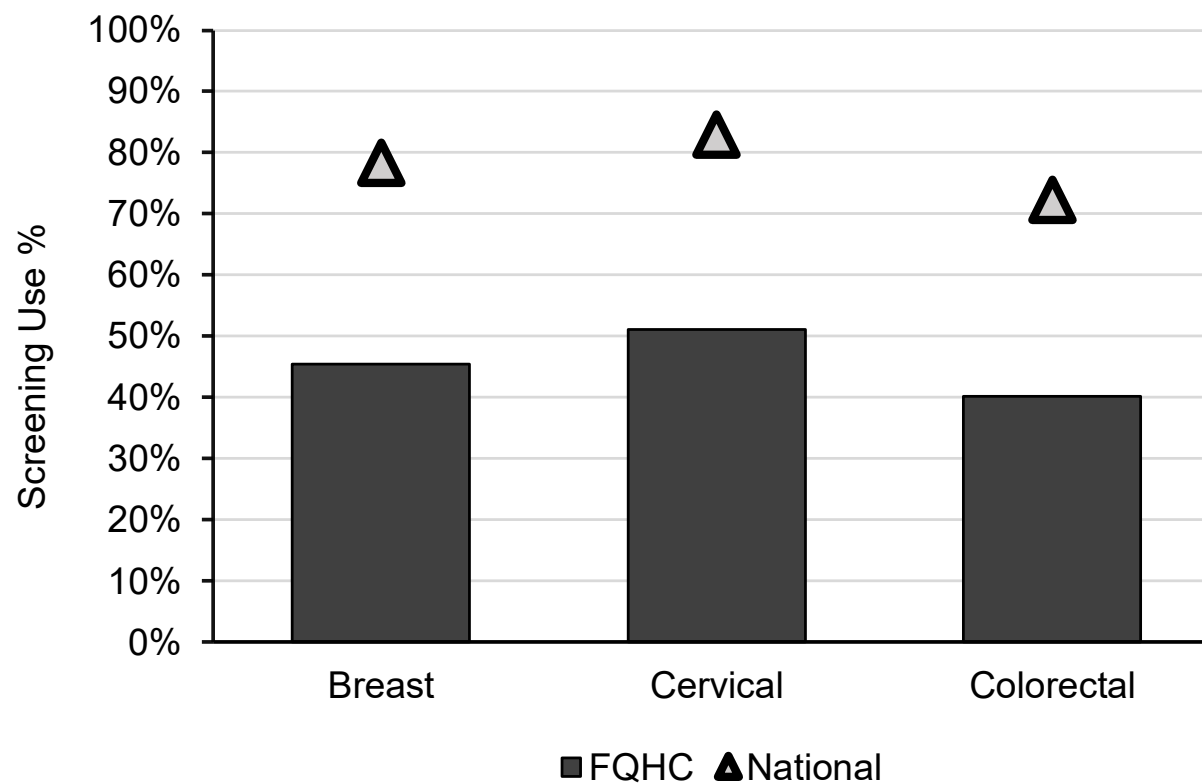
NACHC, 2025 [8]

National Breast, Cervical, and Colorectal Cancer Screening Use in Federally Qualified Health Centers

Trisha L. Amboree, PhD¹; Jane R. Montealegre, PhD¹; Susan L. Parker, MPH¹; Ashvita Garg, PhD^{2,3}; Haluk Damgacioglu, PhD^{2,3}; Kathleen M. Schmeler, MD⁴; Elizabeth Y. Chiao, MD^{5,6}; Elizabeth G. Hill, PhD^{2,3}; Kalyani Sonawane, PhD^{2,3}; Ashish A. Deshmukh, PhD^{2,3}; Prajakta Adsul, MBBBS, MPH, PhD^{7,8}

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

JAMA Intern Med. 2024;184(6):671-679. doi:10.1001/jamainternmed.2024.0693



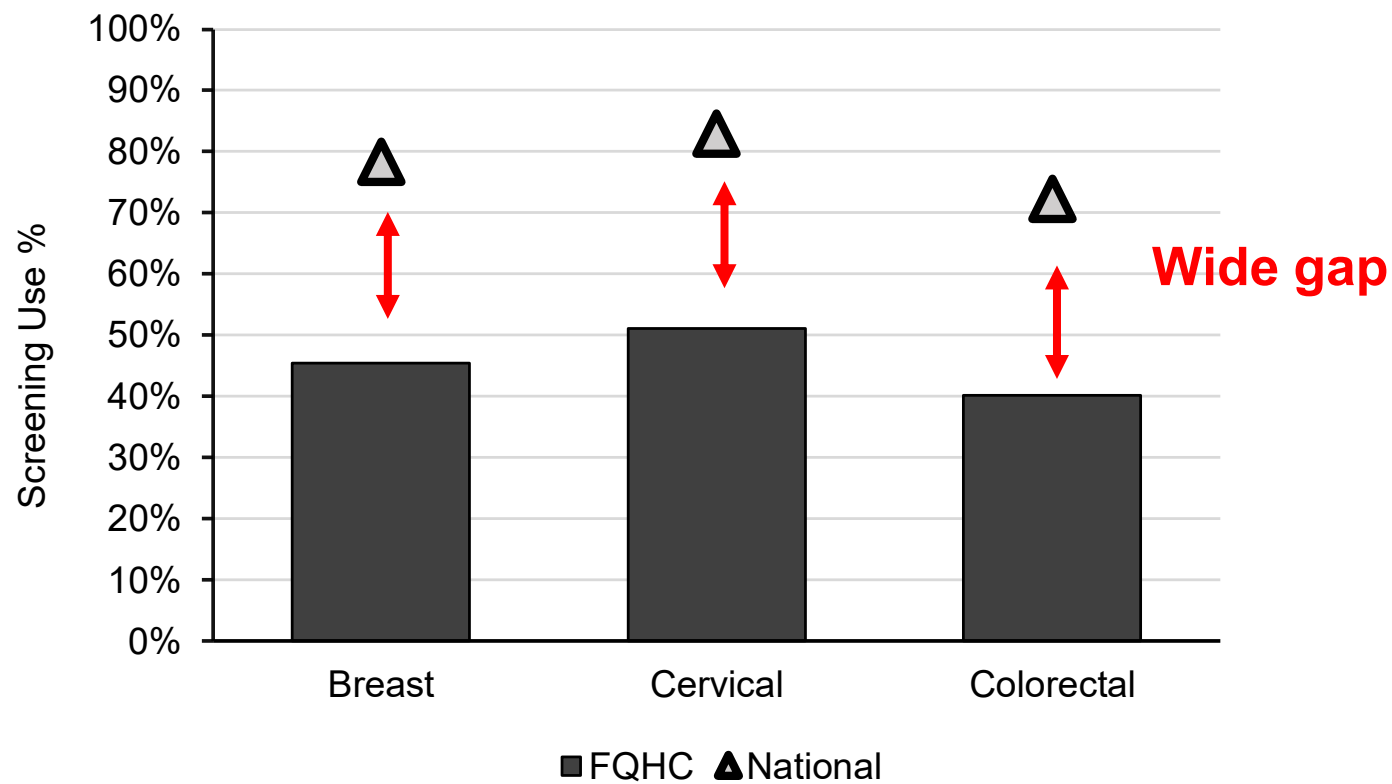
Amboree et al., *JAMA Int Med*, 2024 [9]

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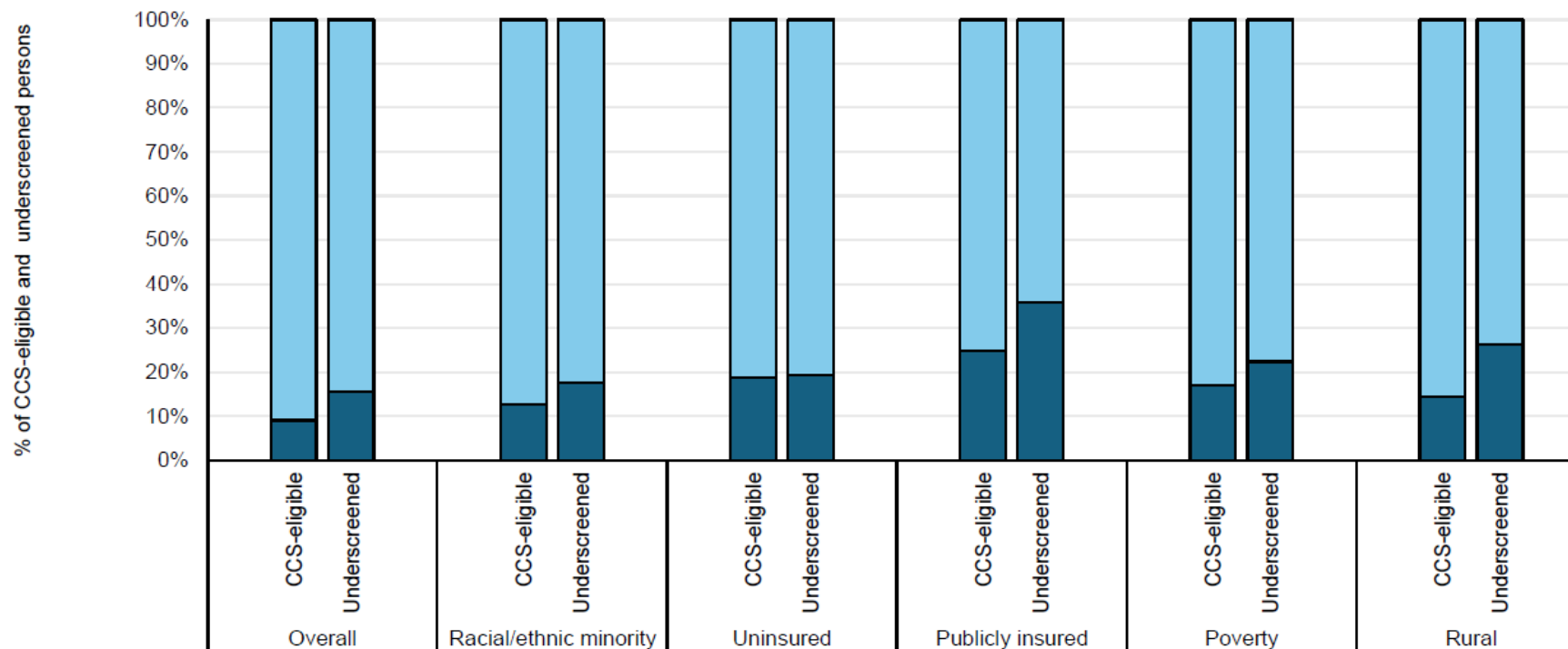


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National Outcomes of Increasing Cervical Cancer Screening in Federally Qualified Health Centers

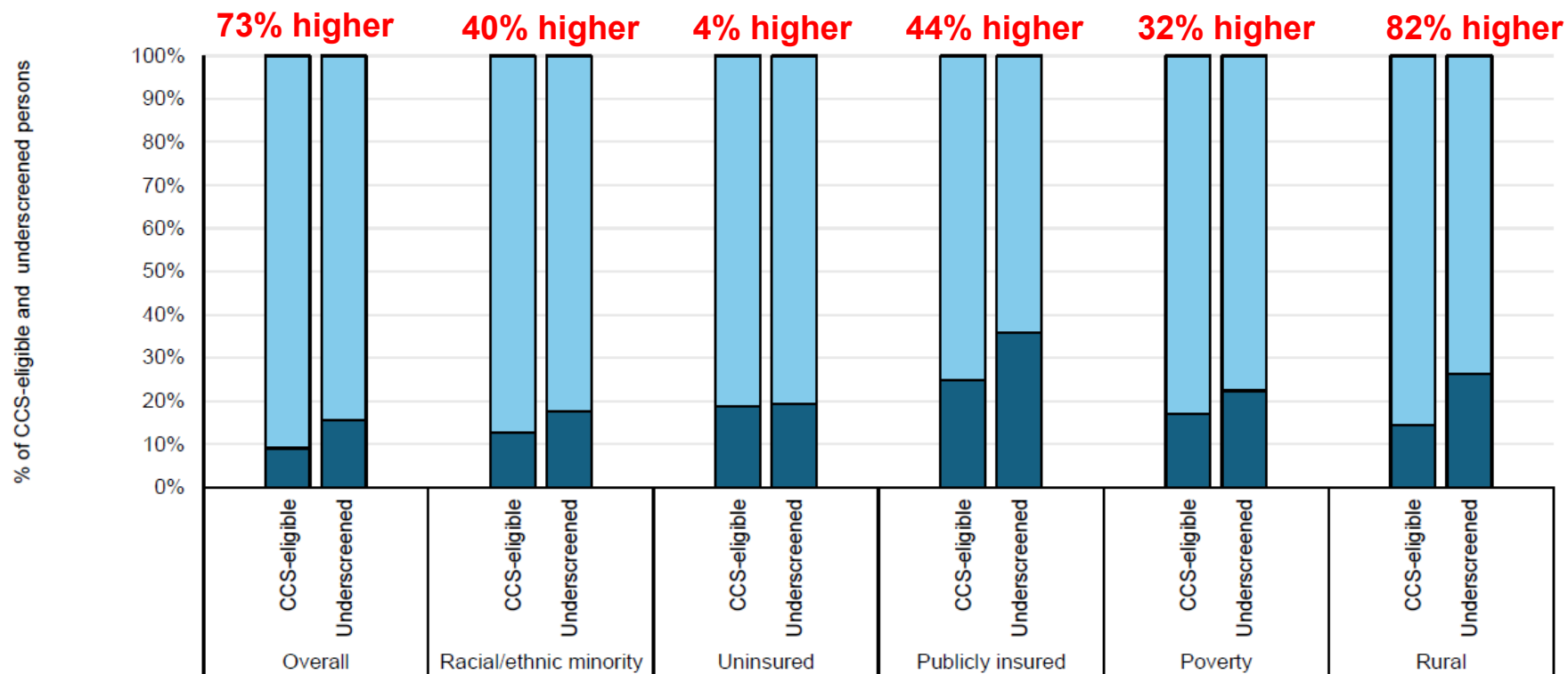
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Amboree et al., *JAMA Netw Open*, 2025 [10]

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 Jane R. Montealegre, PhD⁸

Current

55.1%

HP2030

79.2%

Table 2. Estimated Outcomes of Improving Screening in Federally Qualified Health Centers on National Cervical Cancer Screening

Subgroup ^a	Population, % (95% CI)		Screened (after improvement)	Percentage point increase in screened (95% UI)	Increase in screened, No. (95% UI)
	Screened (status quo)	Reference			
Overall	74.0 (72.7-75.3)	NA	76.2 (75.5-76.9)	2.2 (1.5-3.0)	1 872 367 (1 255 829-2 503 321)
Racial and/or ethnic minority group	67.8 (65.8-69.8)	78.7 (77.2-80.2)	70.9 (70.1-71.7)	3.1 (2.0-6.8)	→ 1 186 202 (767 146-1 610 107)
Uninsured	56.6 (52.6-60.7)	76.2 (75.0-77.5)	61.2 (60.0-62.5)	4.5 (2.6-6.6)	386 231 (206 576-560 309)
Publicly insured	68.8 (65.9-71.7)	78.6 (77.2-79.9)	74.8 (73.5-76.3)	6.0 (4.4-7.6)	→ 1 045 421 (766 597-1 327 638)
≤200% of Federal poverty level	65.9 (63.6-68.2)	77.5 (76.1-78.8)	70.0 (69.0-71.1)	4.1 (2.9-5.4)	→ 1 682 596 (1 149 685-2 174 653)
Rural	71.9 (68.3-75.5)	74.3 (72.9-75.7)	76.3 (73.9-78.9)	4.4 (2.0-6.8)	656 158 (274 486-1 041 013)

Amboree et al., *JAMA Netw Open*, 2025 [10]

Targeted improvements in low-resourced settings

- FQHCs
- Safety net health settings
- Rural and low-income areas

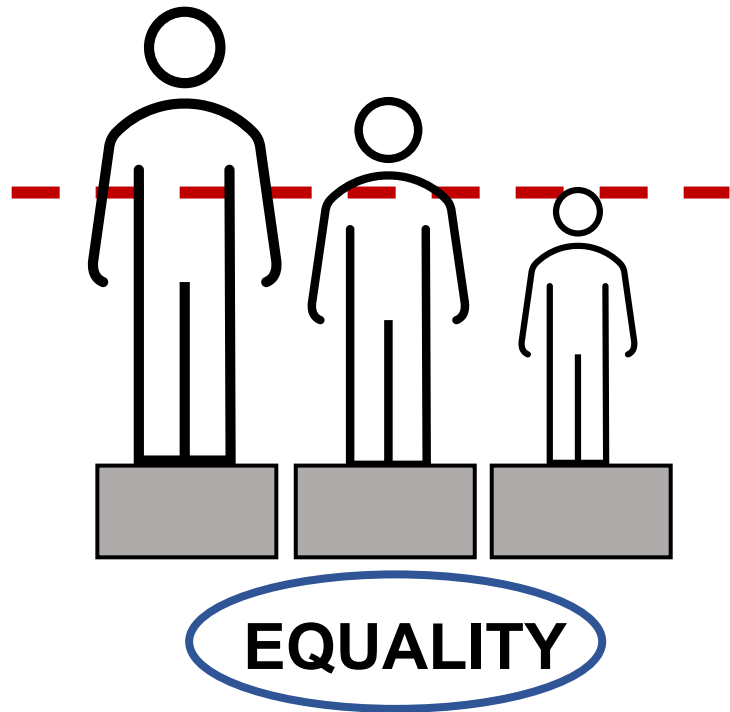
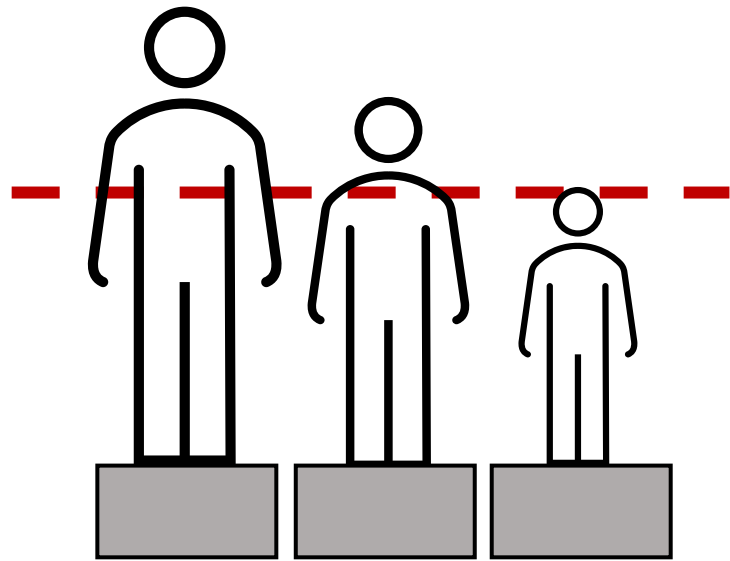
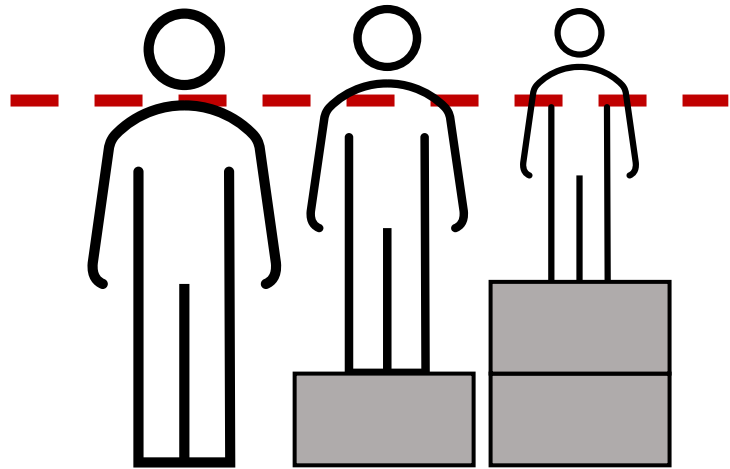


Image inspired from: <https://www.acpdecisions.org/health-equity-what-it-means-and-why-it-matters/>

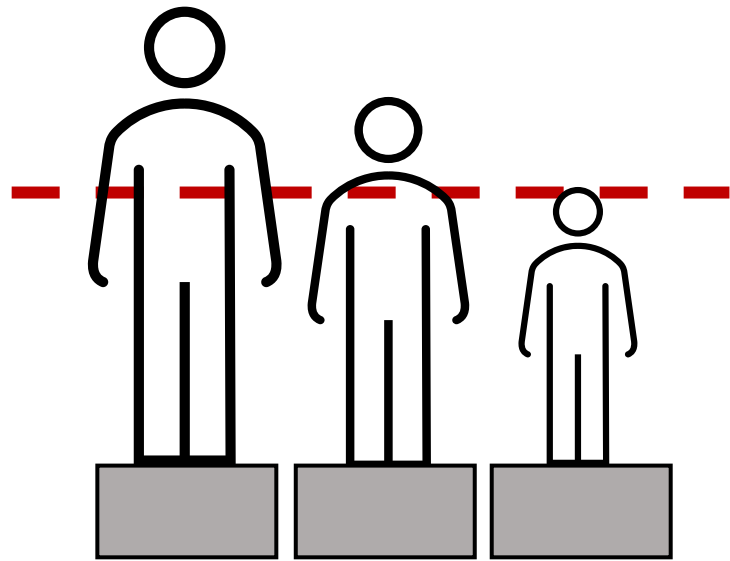


EQUALITY

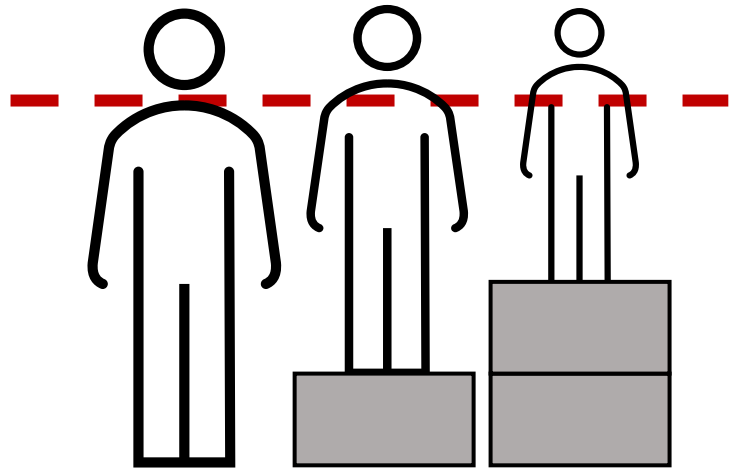


EQUITY

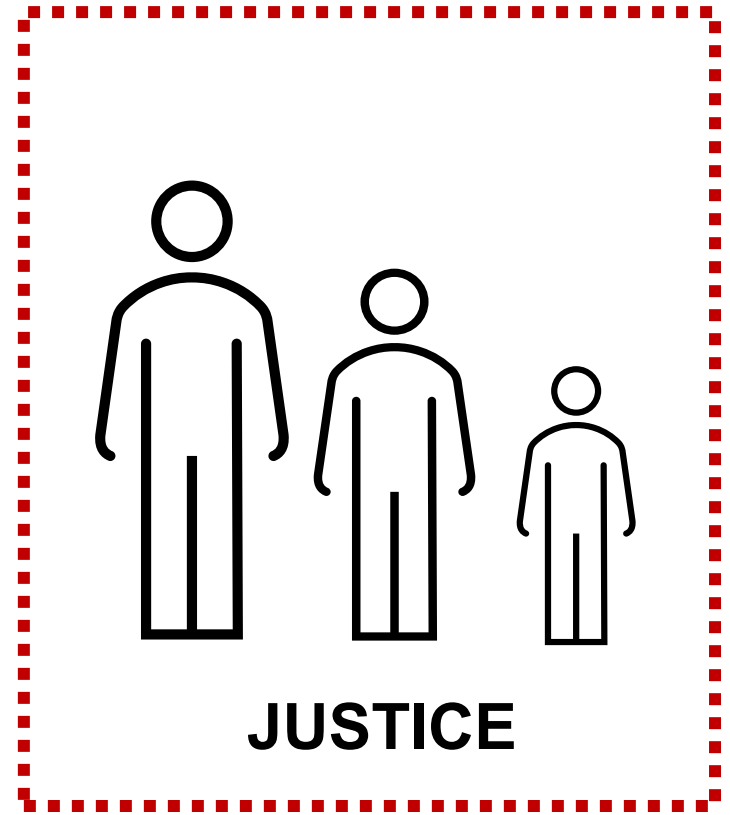
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EQUALITY



EQUITY



JUSTICE

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HCC Scholars in Health Impact and Access Award

Collaborators on the cited publications:

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Ashish A. Deshmukh, PhD, MPH

Kalyani Sonawane, PhD

Haluk Damgacioglu, PhD

Susan L. Parker, PhD MPH

Elizabeth Y. Chiao, MD MPH

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Ashvita Garg, PhD

Brian Orr, MD

Prajakta Adsul, PhD, MBBS

References

- [1] U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; <https://www.cdc.gov/cancer/dataviz>, released in June 2025.
- [2] NCI SEER. Cancer Stat Facts: Cervical Cancer. Surveillance Research Program, Division of Cancer Control and Population Sciences. 2026. Accessed 22 May 2026 from <https://seer.cancer.gov/statfacts/html/cervix.html>
- [3] Amboree TL, Damgacioglu H, Sonawane K, Adsul P, Montealegre JR, Deshmukh AA. Recent trends in cervical cancer incidence, stage at diagnosis, and mortality according to county-level income in the United States, 2000-2019. *Int J Cancer*. 2024 May 1;154(9):1549-1555. doi: 10.1002/ijc.34860. Epub 2024 Jan 25. PMID: 38270521; PMCID: PMC11410343.
- [4] Amboree TL, Damgacioglu H, Chiao EY, Schmeler KM, Sonawane K, Deshmukh AA, Montealegre JR. Rural-Urban Disparities in Cervical Cancer Incidence and Mortality Among US Women. *JAMA Netw Open*. 2025 Mar 3;8(3):e2462634. doi: 10.1001/jamanetworkopen.2024.62634. PMID: 40029664; PMCID: PMC11877160.
- [5] Amboree TL, Montealegre JR, Damgacioglu H, Orr B, Wrangle J, Sonawane K, Deshmukh AA. County-Level Cervical Cancer Screening Coverage and Differences in Incidence and Mortality. *JAMA Netw Open*. 2025 Aug 1;8(8):e2526709. doi: 10.1001/jamanetworkopen.2025.26709. Erratum in: *JAMA Netw Open*. 2025 Sep 2;8(9):e2538286. doi: 10.1001/jamanetworkopen.2025.38286. PMID: 40802187; PMCID: PMC12351409.

References

- [6] Cancer Trends Progress Report. National Cancer Institute, NIH, DHHS, Bethesda, MD, April 2025, <https://progressreport.cancer.gov>.
- [7] Suk R, Hong YR, Rajan SS, Xie Z, Zhu Y, Spencer JC. Assessment of US Preventive Services Task Force Guideline-Concordant Cervical Cancer Screening Rates and Reasons for Underscreening by Age, Race and Ethnicity, Sexual Orientation, Rurality, and Insurance, 2005 to 2019. *JAMA Netw Open*. 2022 Jan 4;5(1):e2143582. doi: 10.1001/jamanetworkopen.2021.43582. PMID: 35040970; PMCID: PMC8767443.
- [8] National Association of Community Health Centers. Health Information Technology: Data and Maps--America's Health Centers: By the Numbers. 2025. Accessed 22 May 2026 from <https://www.nachc.org/wp-content/uploads/2025/08/Screenshot-Americas-Health-Centers-090525.png>.
- [9] Amboree TL, Montealegre JR, Parker SL, Garg A, Damgacioglu H, Schmeler KM, Chiao EY, Hill EG, Sonawane K, Deshmukh AA, Adsul P. National Breast, Cervical, and Colorectal Cancer Screening Use in Federally Qualified Health Centers. *JAMA Intern Med*. 2024 Jun 1;184(6):671-679. doi: 10.1001/jamainternmed.2024.0693. PMID: 38683574; PMCID: PMC11059050.
- [10] Amboree TL, Adsul P, Damgacioglu H, Schmeler KM, Chiao EY, Cruz R, Sonawane K, Deshmukh AA, Montealegre JR. National Outcomes of Increasing Cervical Cancer Screening in Federally Qualified Health Centers. *JAMA Netw Open*. 2025 Oct 1;8(10):e2538593. doi: 10.1001/jamanetworkopen.2025.38593. PMID: 41123893; PMCID: PMC12547585.

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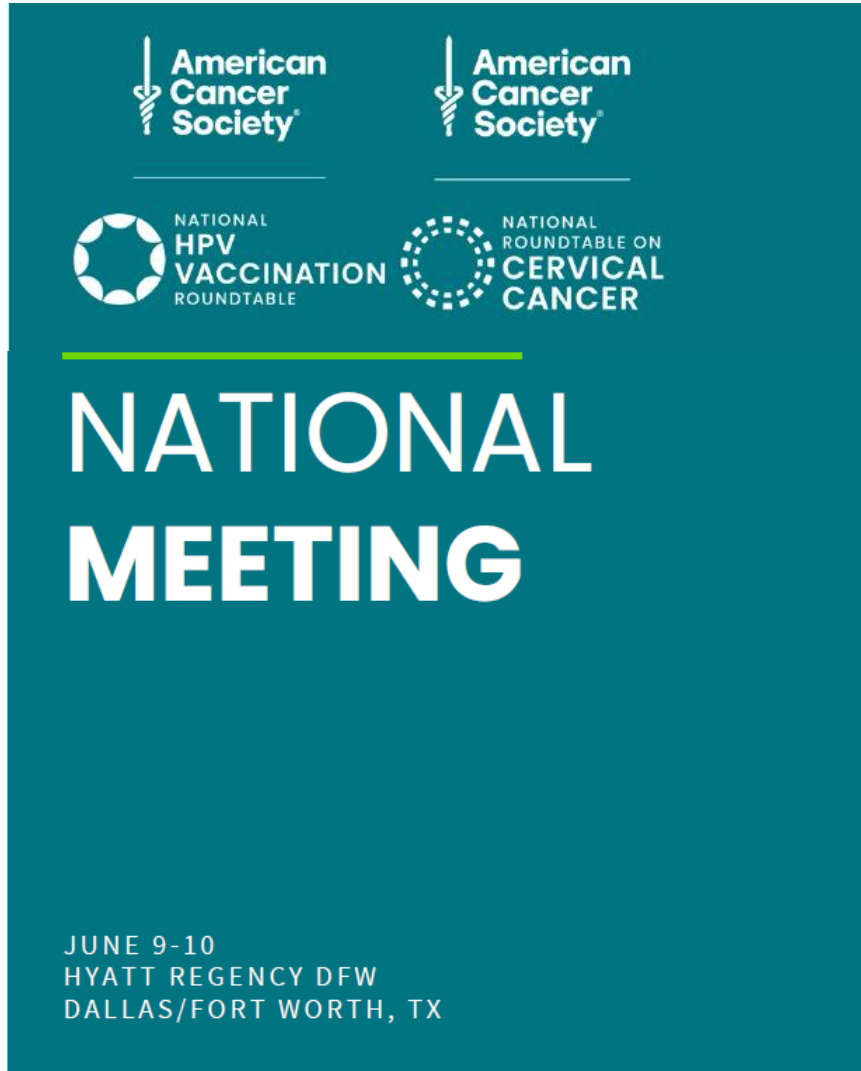
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Phone: 843-876-6814



Thank You

2026



American Cancer Society

NATIONAL HPV VACCINATION ROUNDTABLE

NATIONAL ROUNDTABLE ON CERVICAL CANCER

NATIONAL MEETING

JUNE 9-10
HYATT REGENCY DFW
DALLAS/FORT WORTH, TX

From Potential to Priority: Scaling Up Screening in Safety Net Settings

Jane Montealegre, PhD

Associate Professor of Behavioral Science

MD Anderson Cancer Center

June 9, 2026

~~Cancer~~
UT MD Anderson

Disclosures

No financial conflicts of interest to disclose.

Grant funding:

National Institutes of Health

Cancer Prevention and Research Institute of Texas

In kind donation from BD/Waters for HPV testing for uninsured patients in Project ACCESS partner clinics

Background

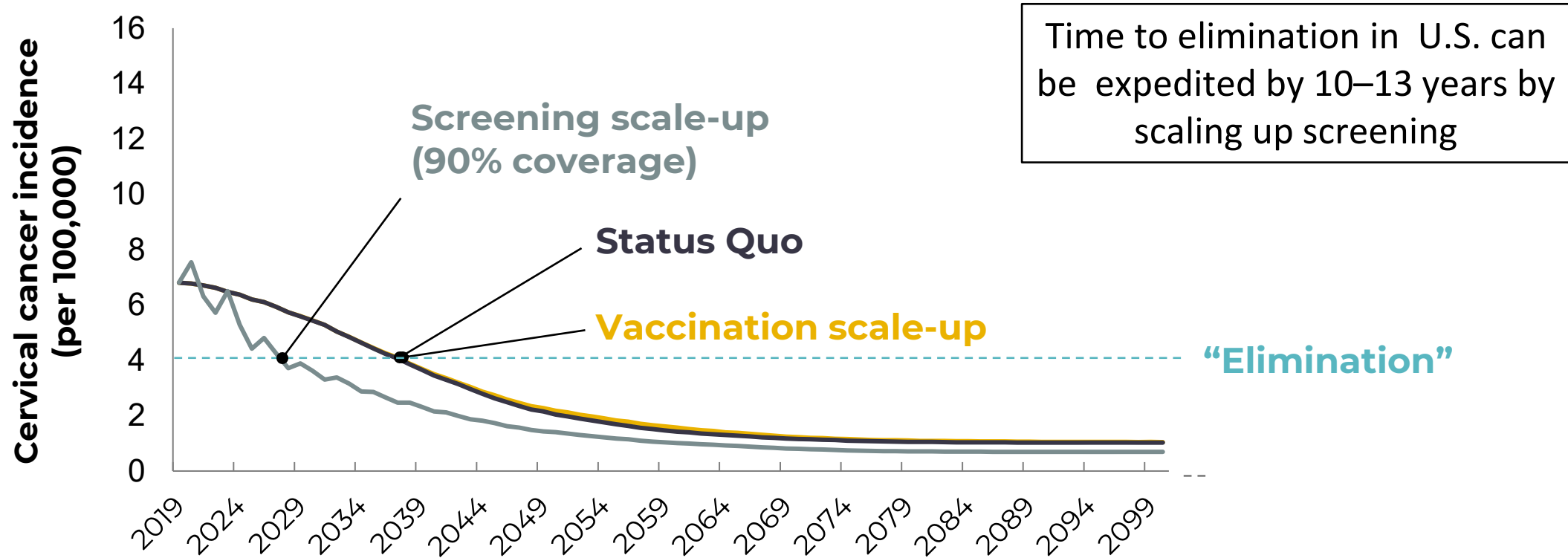
We have an unprecedented opportunity to eliminate a cancer.

90%

70%

90%

Background



How are we going to scale up?



Safety Nets



What are the safety nets

County safety net systems	Federally qualified health centers (FQHCs) and look-alikes	Rural Health Clinics	Charitable clinics	Health department clinics
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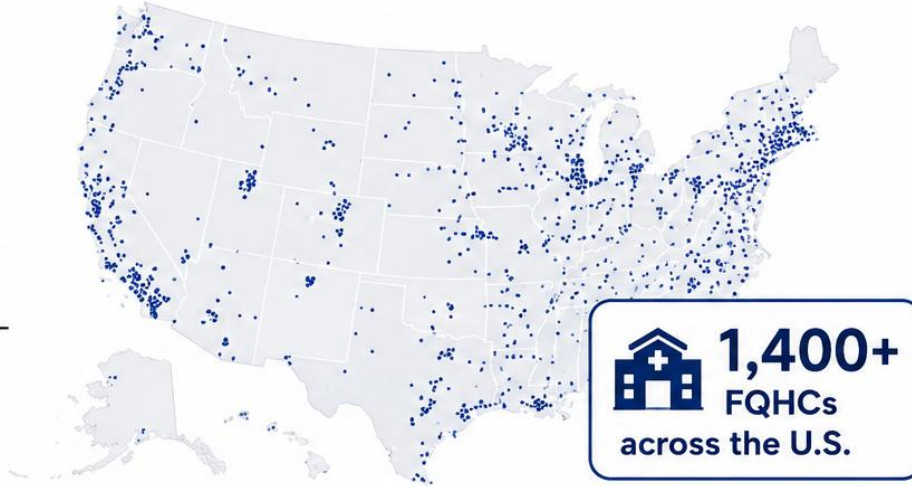
Safety net health settings provide services to populations disproportionately burdened by cervical cancer:

Rural	Racial/ethnic minorities	Low SES	Uninsured
-------	--------------------------	---------	-----------

FQHCs serve >30 million

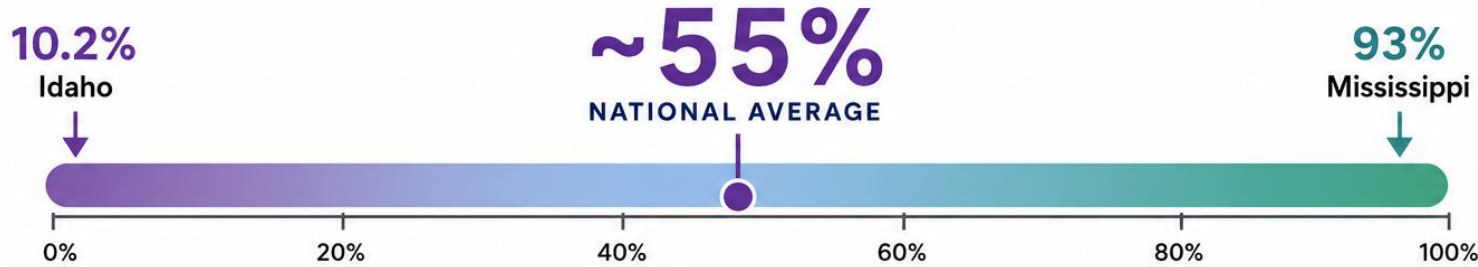


More than **30 million** people—nearly 1 in 10 Americans—receive care at federally qualified health centers (FQHCs).



The Opportunity of Safety Nets

Cervical cancer screening coverage:

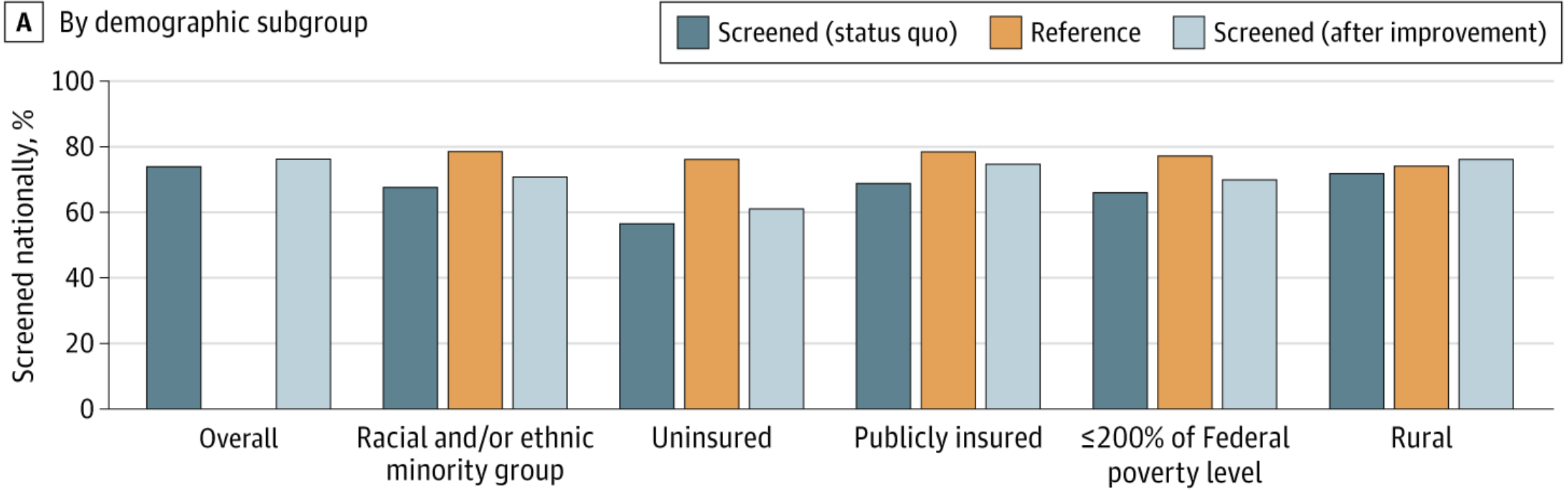


Percentage of women ages 21–64 screened for cervical cancer in the past 3 years at FQHCs, by state

Wide state-level variation in cervical cancer screening performance among FQHCs.

Source: Uniform Data System (UDS) 2023 – Health Center Cervical Cancer Screening (CCS) Rate
Figure includes states reporting ≥30 eligible women.

A By demographic subgroup

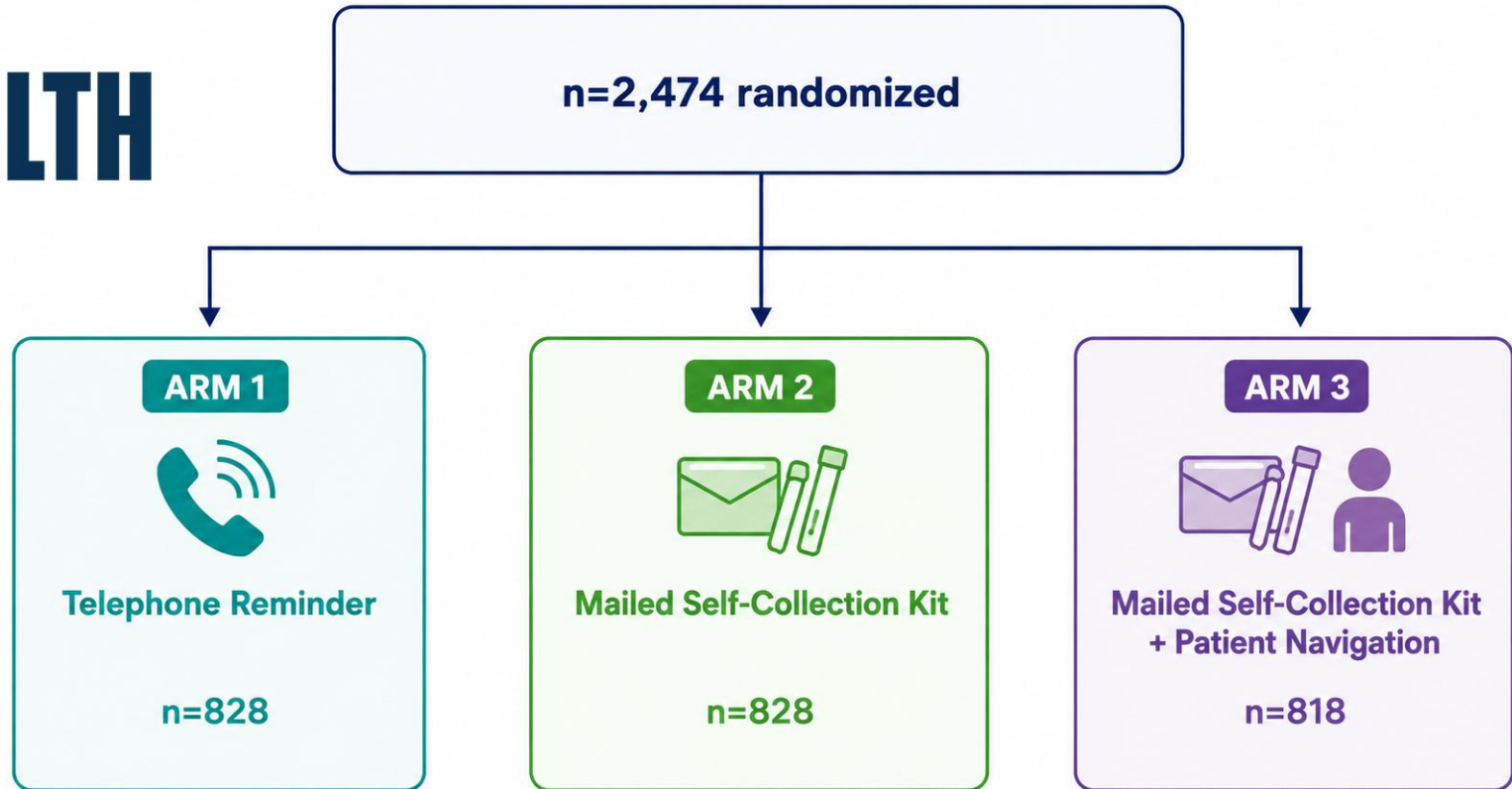


The Opportunity of Safety Nets

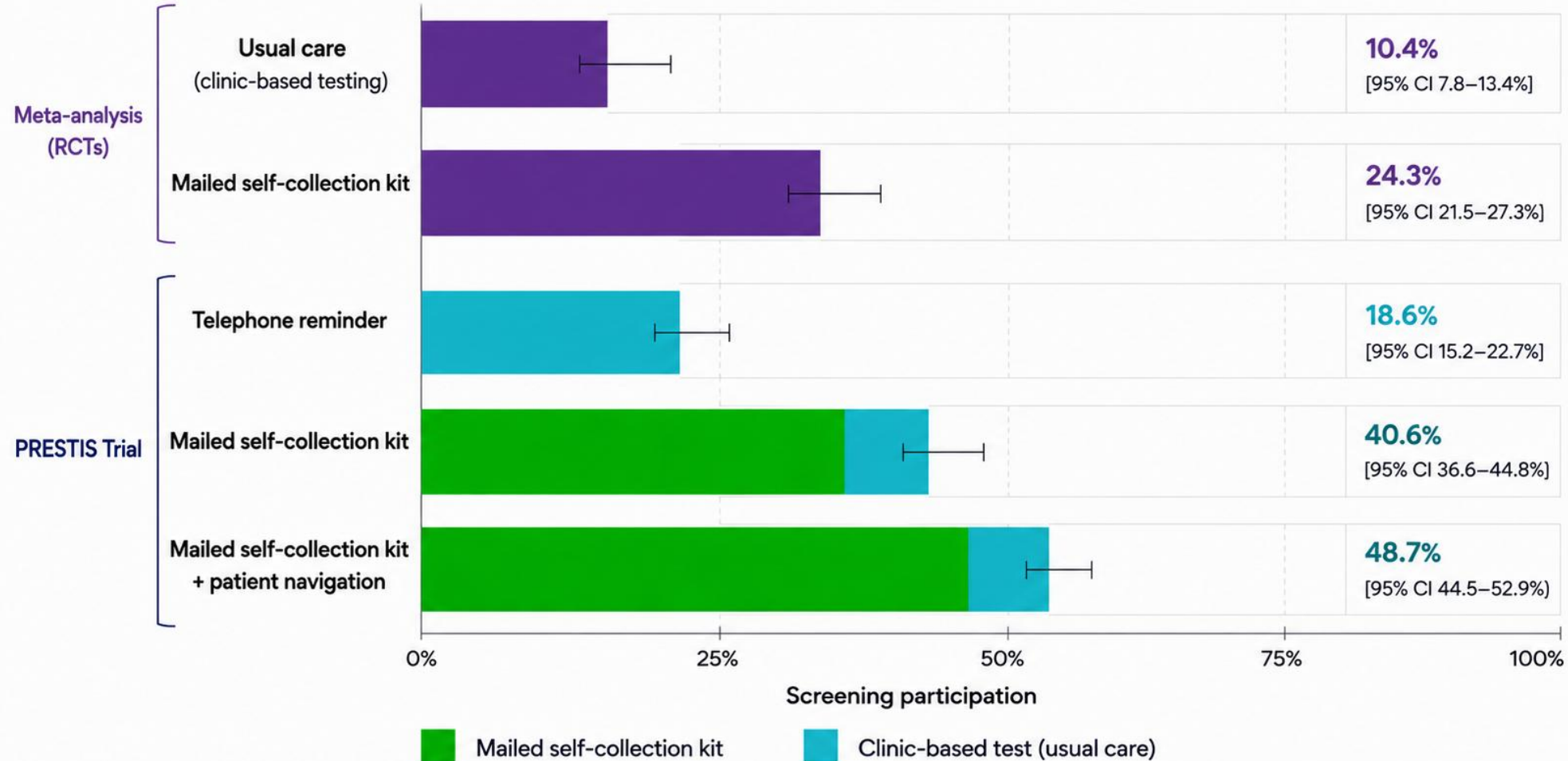
Self-collection is particularly effective in safety net health settings



HARRISHEALTH

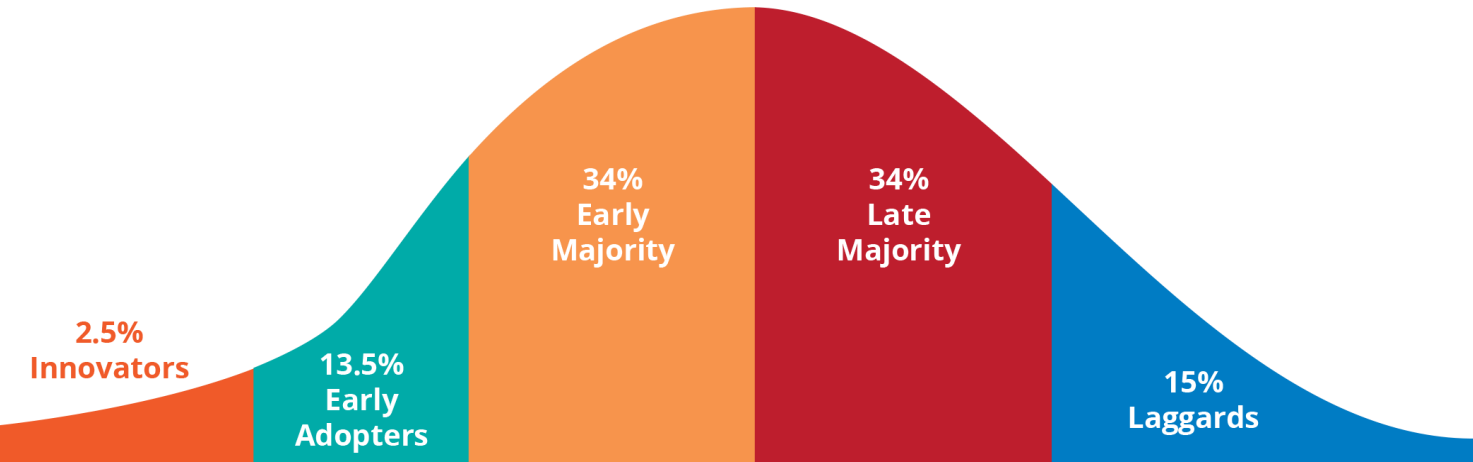


Screening participation by arm (intent-to-screen)



From potential to priority:

Accelerating implementation of self-collection in safety net health systems



American Cancer Society | NATIONAL ROUNDTABLE ON CERVICAL CANCER

Preparing for HPV Self-collection Webinar Series:
Implementation

January 15, 2026



Self-Collection Workgroup

American Cancer Society | American Cancer Society
HPV VACCINATION | NATIONAL ROUNDTABLE ON CERVICAL CANCER

- Federally Qualified Health Center (FQHC)
- Look-Alike (LAL)
- Non-academic safety-net system
- Academic safety-net system
- Academic health system
- Integrated delivery system

NEW HPV Self-Collection Implementation Dashboard

Build Connections

From potential to priority: Accelerating implementation of self- collection in safety net health systems



Lin J, Montealegre JR, Tiro JA. (2025). *A guide for implementing HPV self-collection for cervical cancer screening*. University of Washington.

A GUIDE FOR IMPLEMENTING **HPV Self-Collection** FOR CERVICAL CANCER SCREENING

From potential to priority:

Accelerating implementation of self-collection in safety net health systems



Su Clínica

Self-collection integrated into primary care workflow

Self-collection offered as an option, particularly for under-screened patients

Patients self-collect on site

Referral to cytology/colposcopy within same system

Bilingual, culturally-concordant patient navigation to follow-up



HARRISHEALTH

From potential to priority:

Accelerating implementation of self-collection in safety net health systems



Self-collection integrated into primary care and street medicine workflow

Self-collection offered as an option

Patients self-collect on site (in clinic) or private area (street medicine)

Currently: referral for follow-up; Future: in-house colpo and LEEP

Case managers provide navigation to follow-up



Mila Salcedo,
MD PhD

From potential to priority:

Accelerating implementation of self-collection outside the safety net



Community Health Workers organize screening events

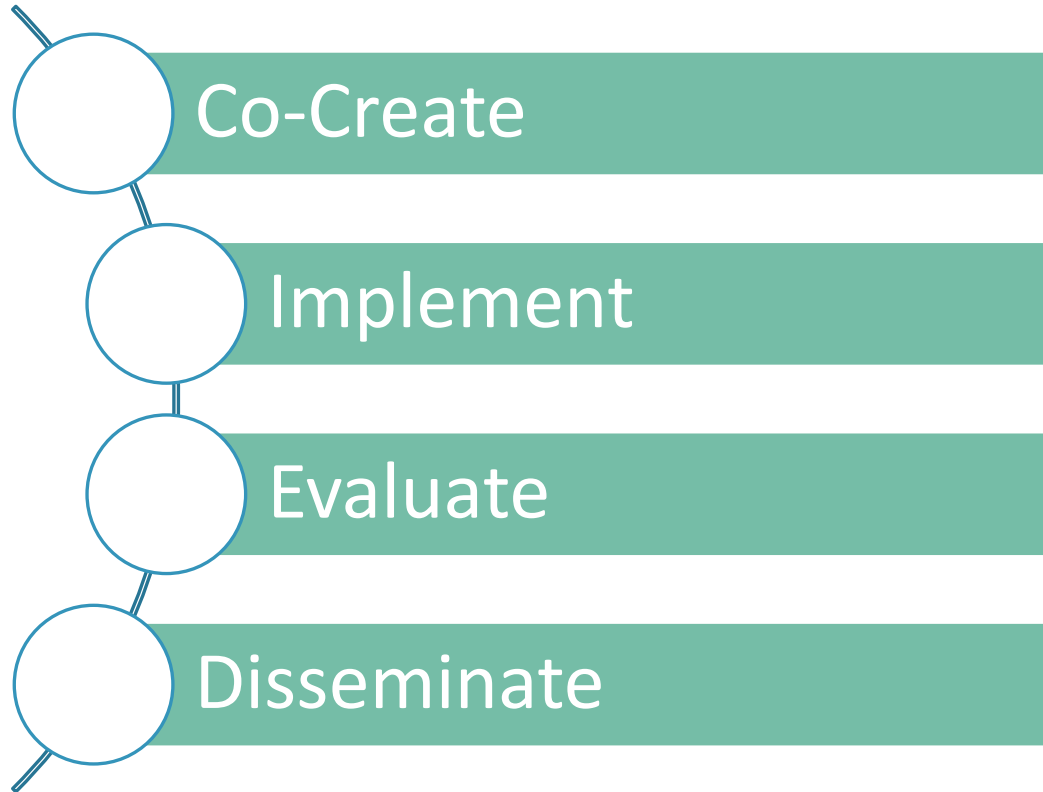
CHWs provide education via flipchart and offer self-collection kit

Patients self-collect in restroom on-site

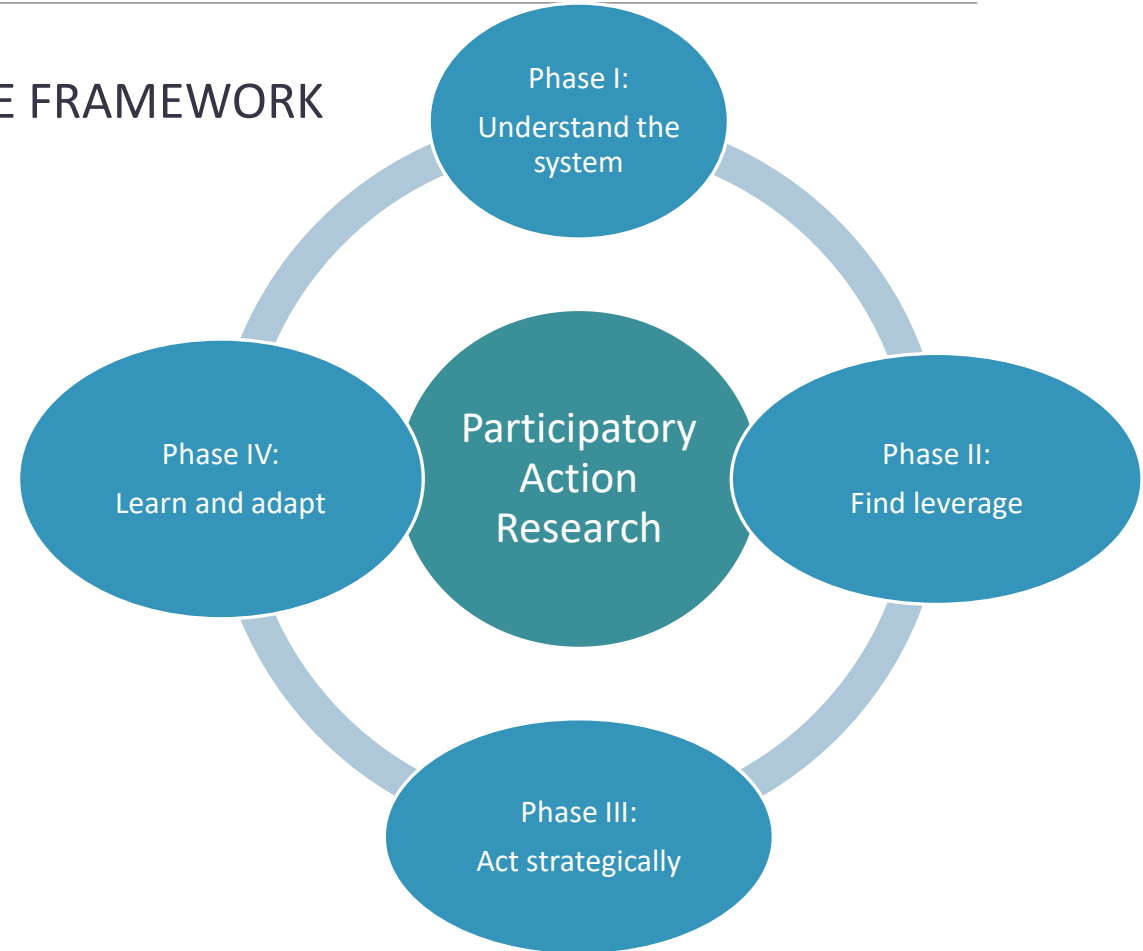
Referral to partner AHEC Clinic for follow-up

CHWs provide navigation to follow-up

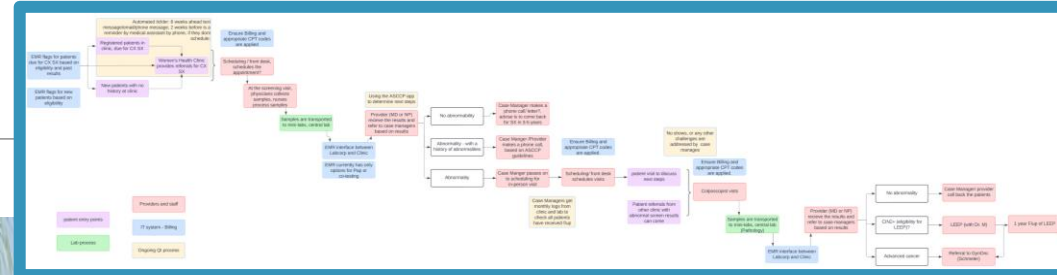
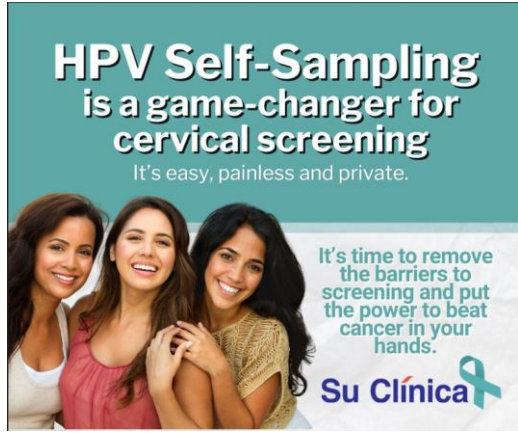
Integrating Self-Collection in Safety Net Primary Care Workflows



INSPIRE FRAMEWORK



Integrating Self-Collection in Safety Net Primary Care Workflows



Su Clínica

AUTO-TOMA DE MUESTRAS PARA EL VPH

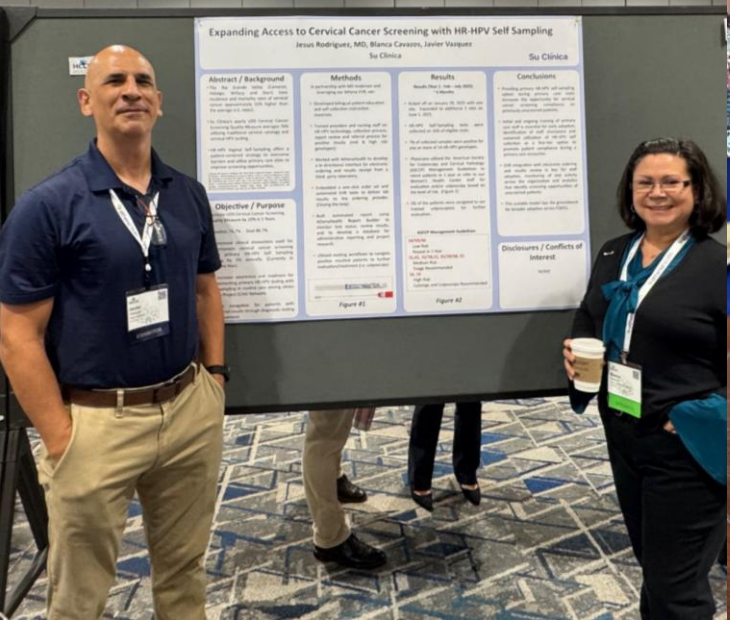
Sabemos que tu tiempo es importante.



Puedes hacer tu prueba de cáncer cervical en solo unos minutos mientras estás en Su Clínica por otra visita ¡No es necesario hacer otra cita!



The joy and pride of co-created programs



Thank you!



Academic Collaborators:

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Mila Salcedo

Jasmin Tiro

John Lin

Partners:

Harris Health System

Su Clinica

MyCHN

Healthcare for the Homeless

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Raquel Hernandez

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Rene Andrade

Clarissa Escobar

Funding:

CPRIT PP24007, PP260074

NIMHD R01MD30175



Thank You

Promoting Health Equity in Alaska Native Communities: Primary HPV Screening

Bethany Berry, CNM
Alaska Native Medical Center
Anchorage, AK
bberry@southcentralfoundation.com

Disclosures

- None

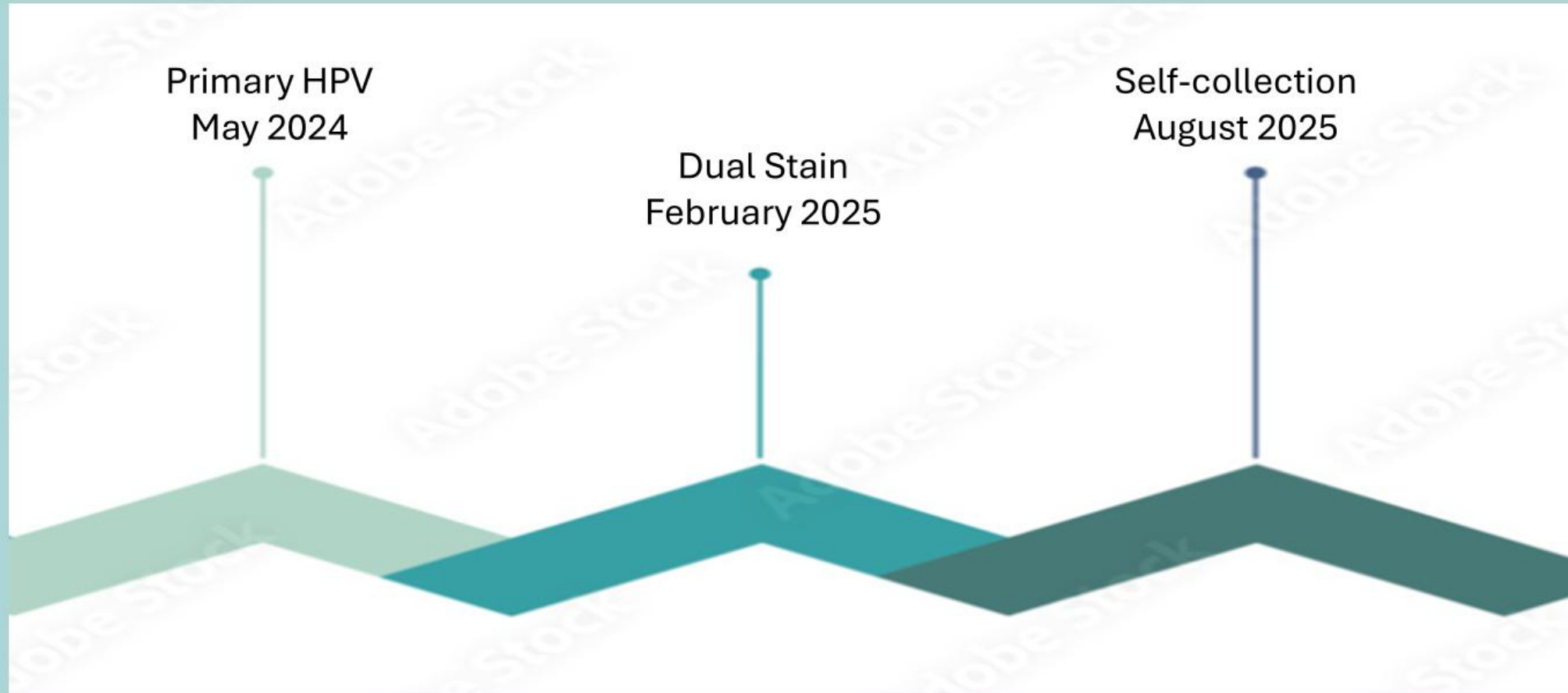
Objectives

To share the journey with the implementation of Primary HPV and Dual Stain at the Alaska Native Medical Center

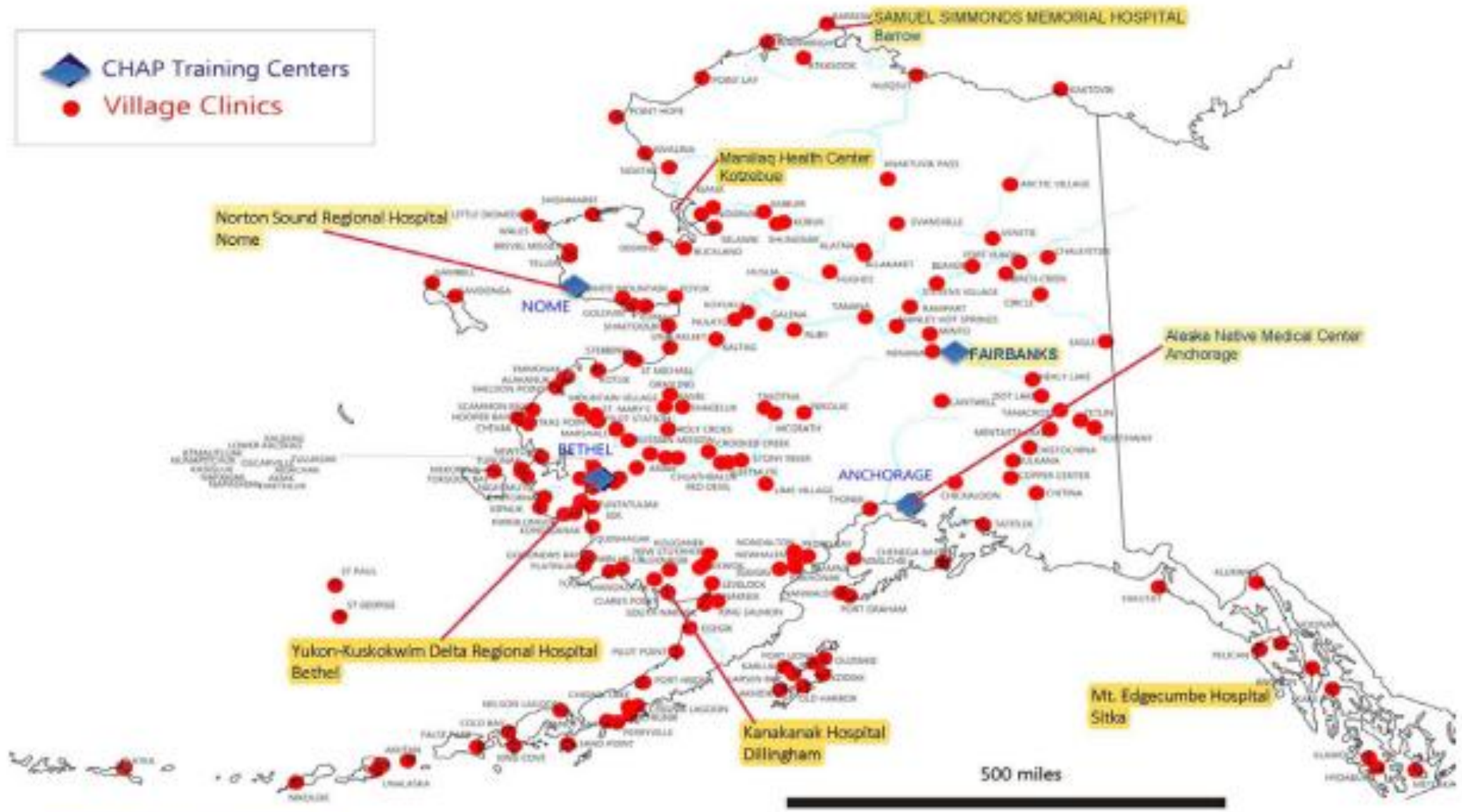
To share insight into the integral components necessary for system-wide screening change for cervical cancer.

To understand what the successes and the challenges have been.

Primary HPV Cervical Cancer Screening Implementation Timeline at ANMC



Community Health Aide/Practitioner Village Clinics



Health Equity Lens

Geography

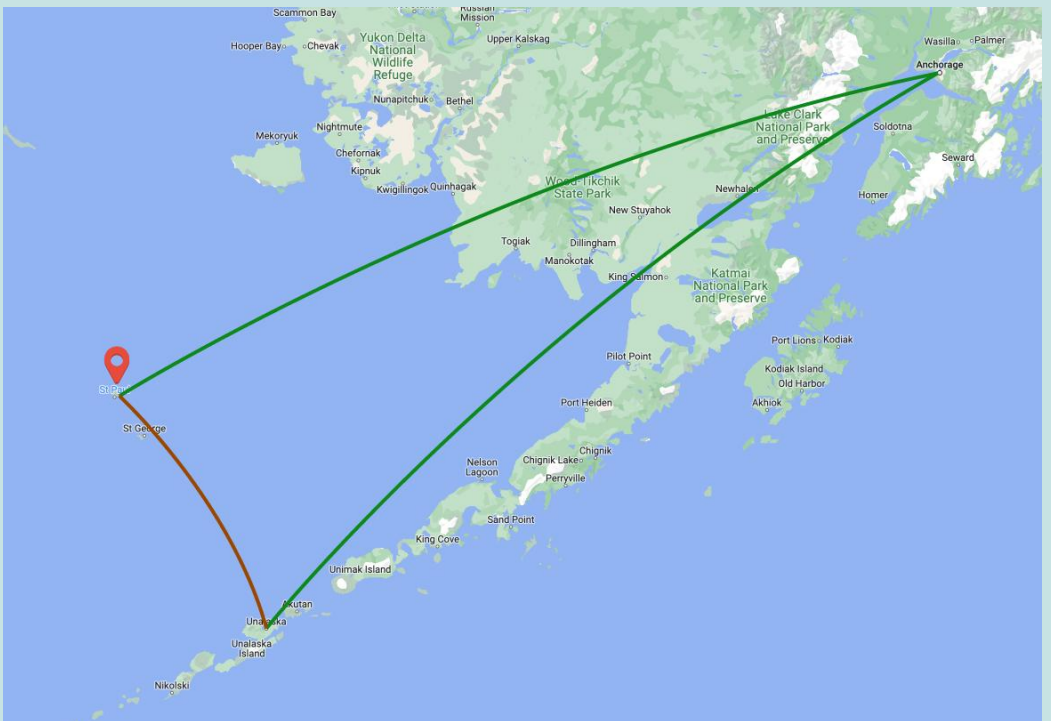
Transportation

Rural vs Urban

Language

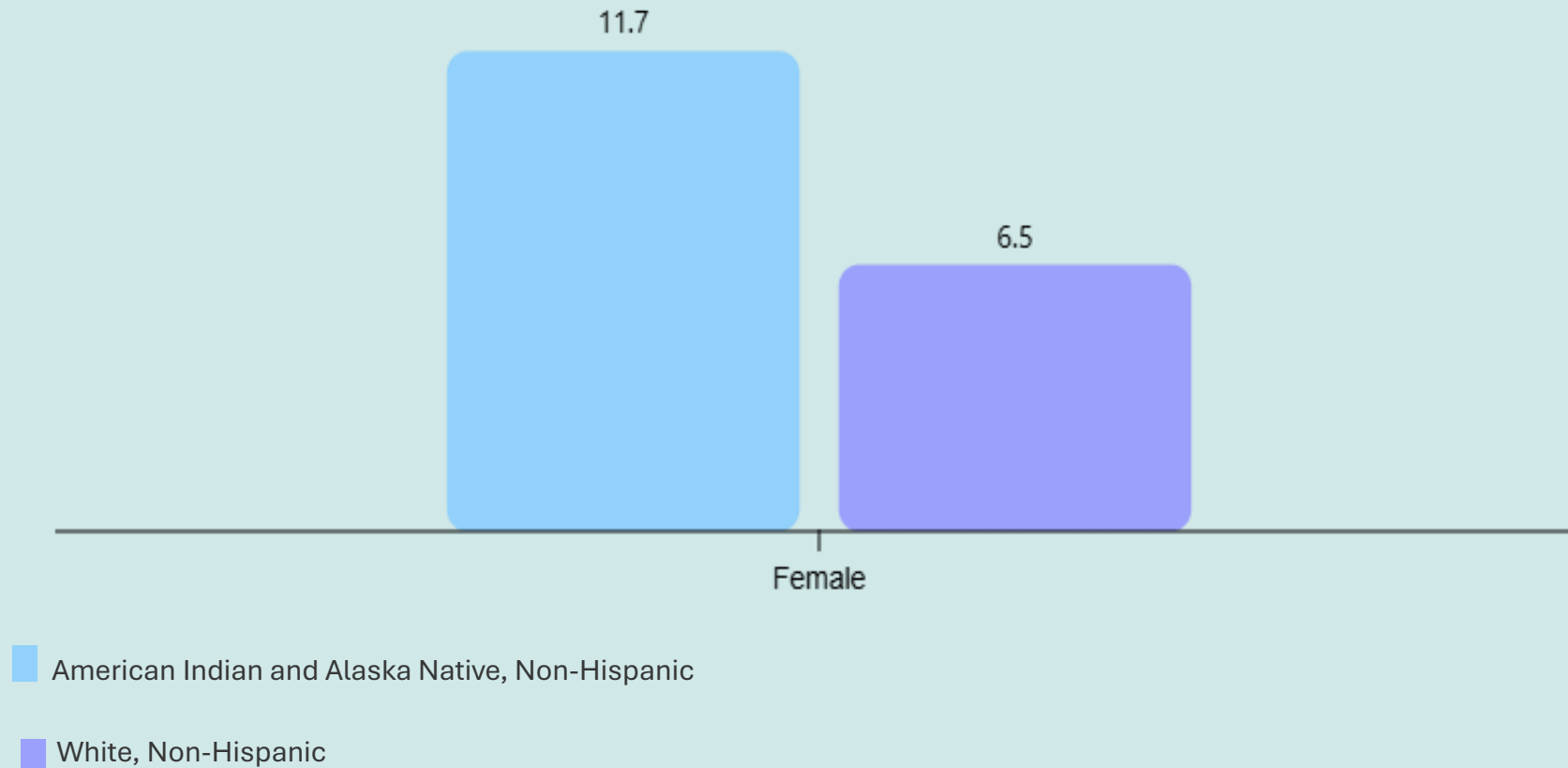
Weather

Poverty



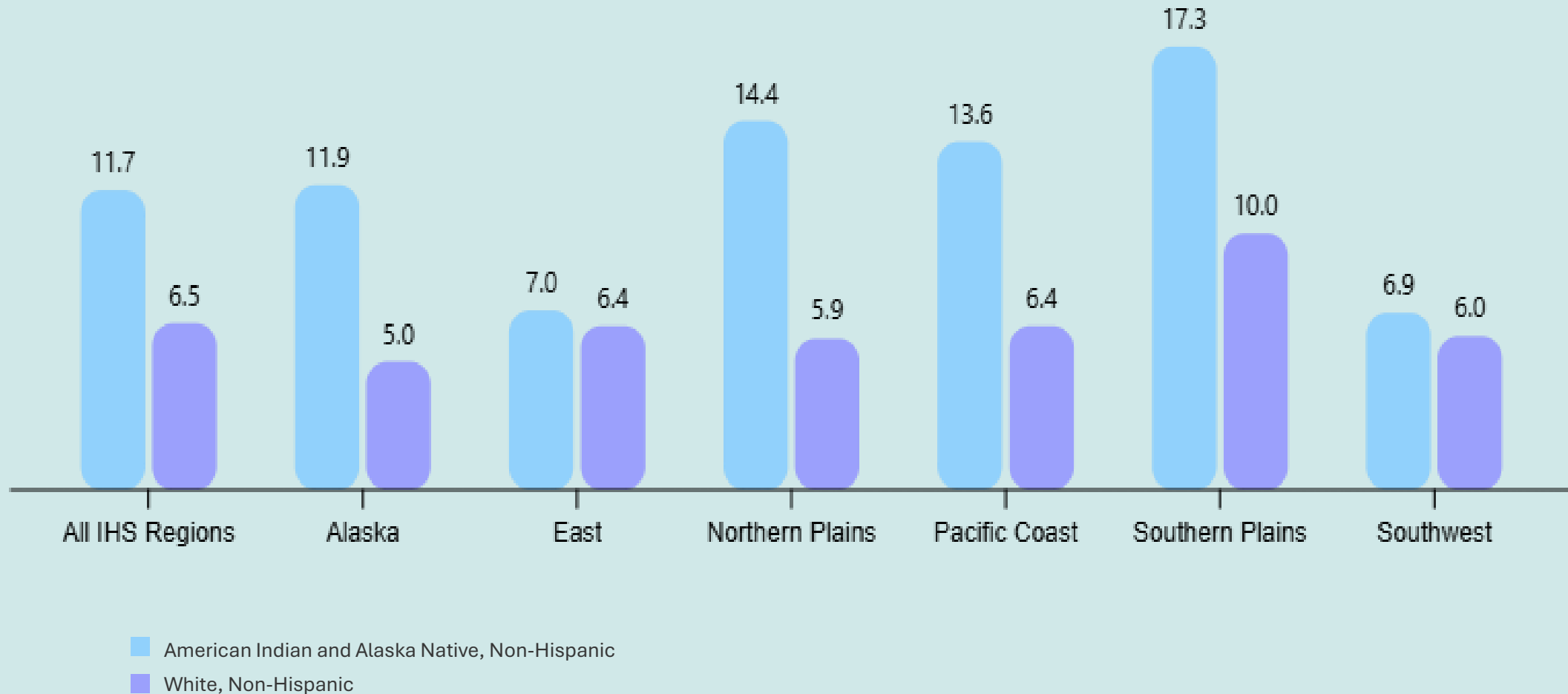
Rate of New Cervical Cancers, United States, 2018-2022

Rate per 100,000 women



Rate of New Cervical Cancers, United States, 2018-2022

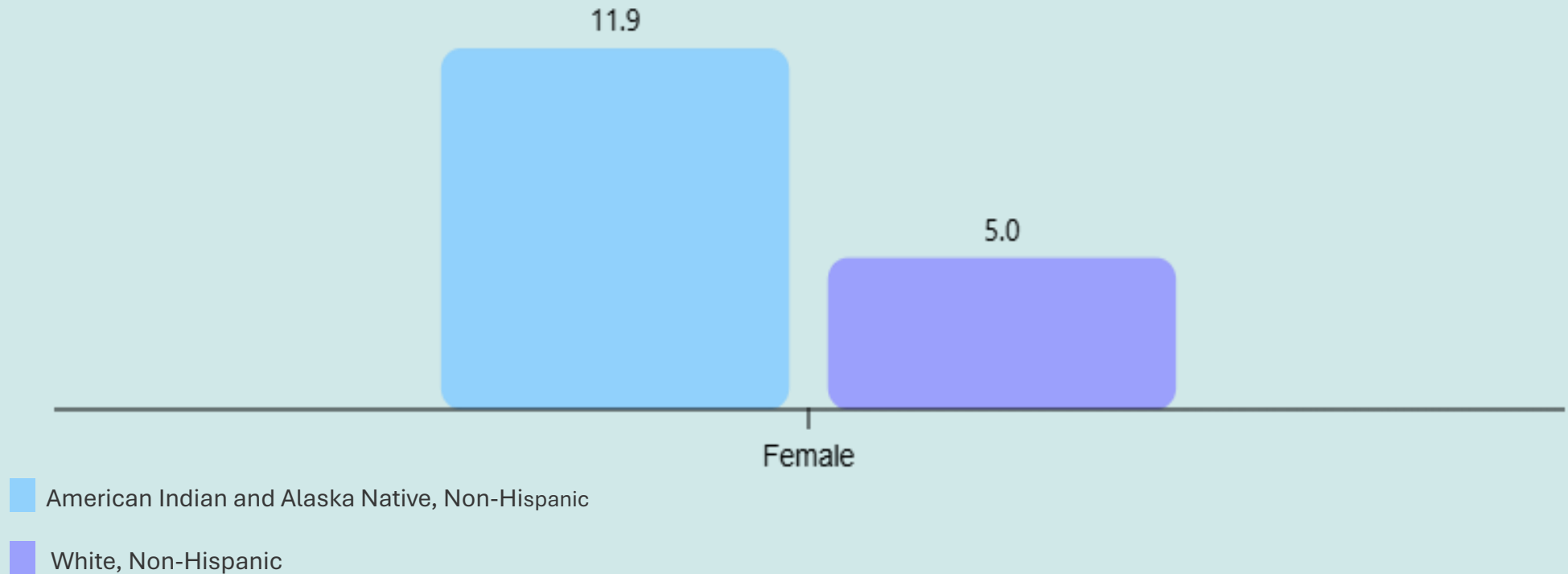
American Indian and Alaska Native, Non-Hispanic* and White, Non-Hispanic
Rate per 100,000 women



Source - U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; <https://www.cdc.gov/cancer/dataviz>, released in June 2025.

Rate of New Cervical Cancers, Alaska, 2018-2022

Rate per 100,000 women



Source - U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; <https://www.cdc.gov/cancer/dataviz>, released in June 2025.

Cervical Cancer Demographics, Alaskan Residents

Incidence by Region, 2015 - 2019

Behavioral Health Region	Age-Adj Rate
Anchorage	8.2
Fairbanks	4.0*
Interior [^]	
Juneau	10.0*
Kenai Peninsula	9.4*
Mat-Su	5.6*
Northwest	18.7*
Southeast	7.7*
Southwest	11.3*
Y-K-Delta [^]	

Incidence by Race/Ethnicity, 2015 - 2019

Race / Ethnicity	Age-Adj Rate
White	6.8
Alaska Native	12.5
Black [^]	
Asian/Pacific Islander	10.0*
Hispanic [^]	

Rates are per 100,000 and age-adjusted to the 2000 US Std Population
Hispanic persons can be of any race.

[^] Indicates statistic not displayed due to fewer than 6 cases.

* Rates based on <20 events are statistically unreliable and should be used with caution.



Cervical Cancer Demographics, Alaskan Residents

Mortality Rates by Region, 1996 - 2020

Behavioral Health Region	Age-Adj Rate
Anchorage	1.7
Fairbanks	1.6*
Interior [^]	
Juneau	2.0*
Kenai Peninsula	1.8*
Mat-Su	2.1
Northwest	2.6*
Southeast	1.3*
Southwest [^]	
Y-K-Delta	6.6*

Mortality by Race/ Ethnicity, 1996 - 2020

Race / Ethnicity	Age-Adj Rate
White	1.7
Alaska Native	3.3
Black [^]	
Asian/Pacific Islander	1.3*
Hispanic/Latino [^]	

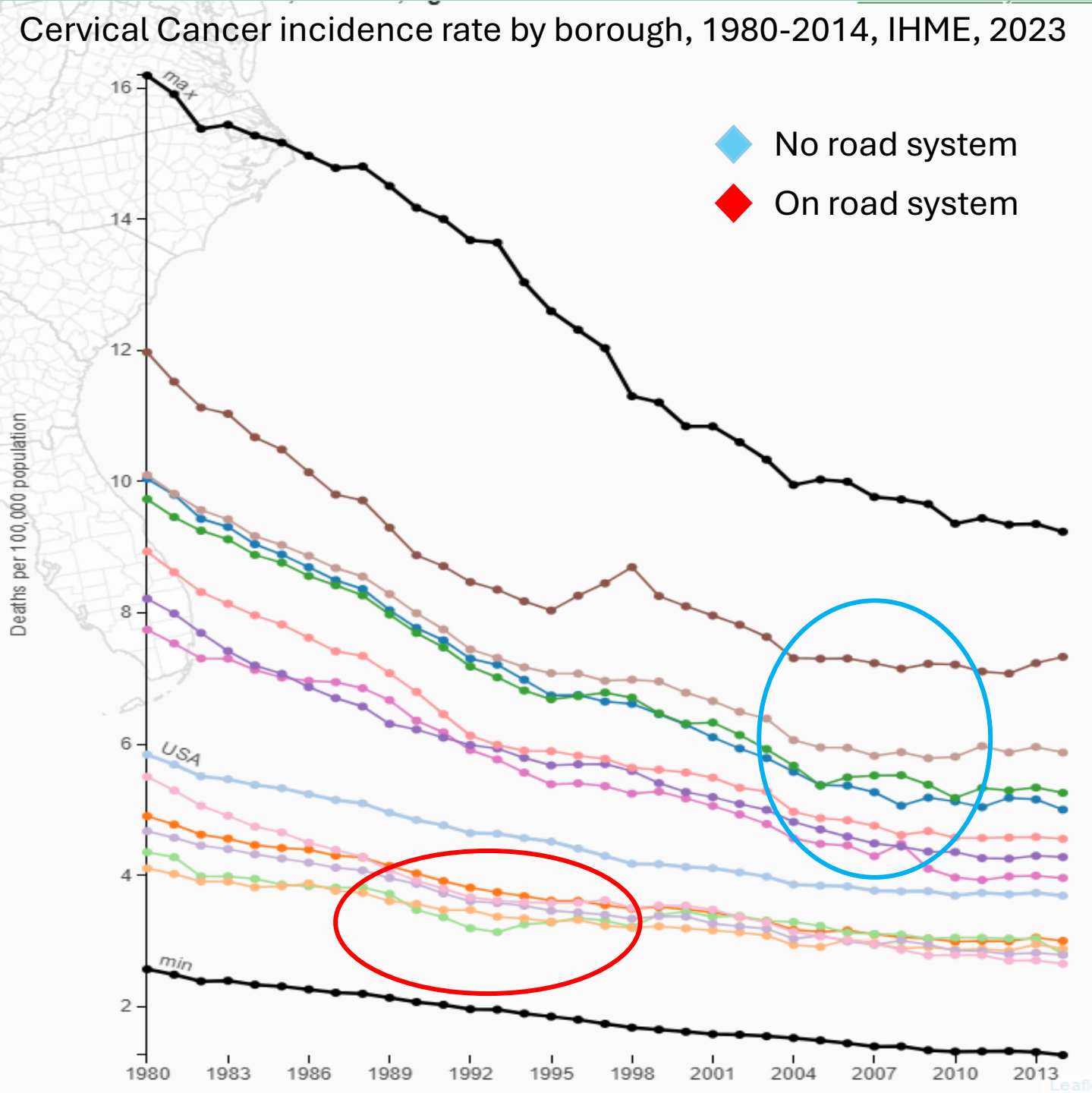
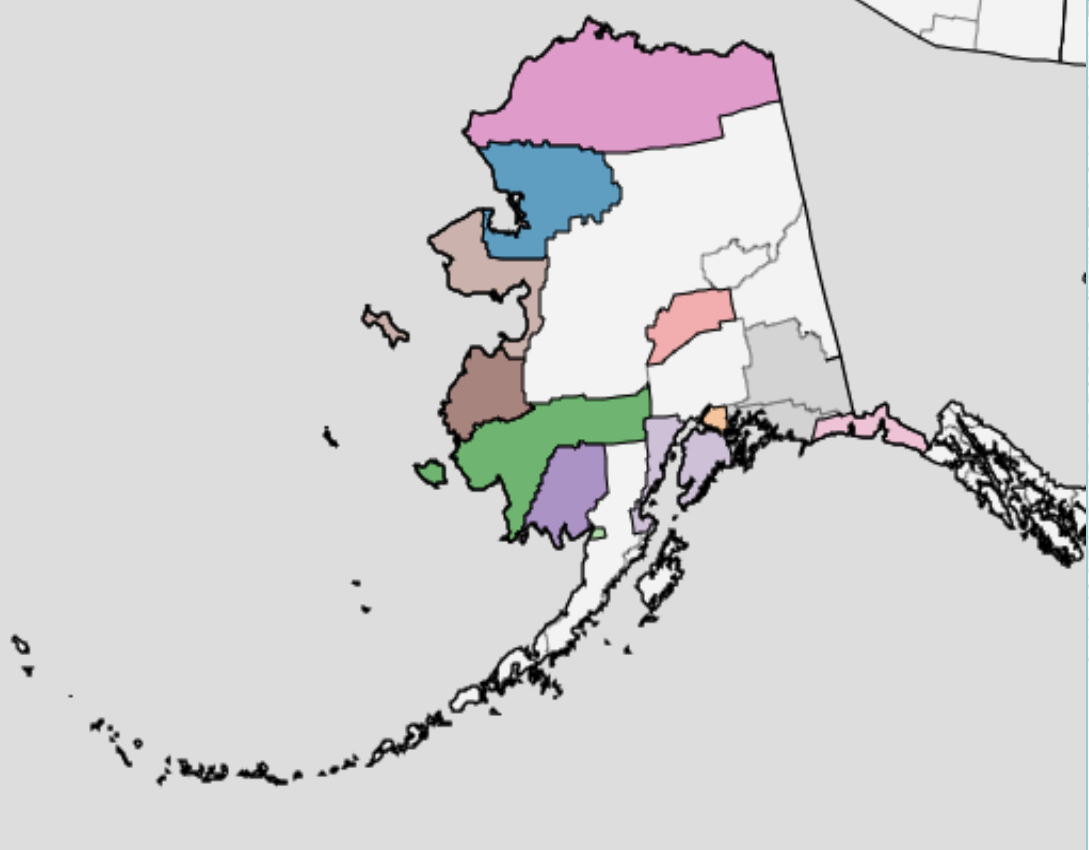
Rates are per 100,000 and age-adjusted to the 2000 US Std Population
Hispanic/Latino persons can be of any race.

[^] Indicates statistic not displayed due to fewer than 6 cases.

* Rates based on <20 events are statistically unreliable and should be used with caution.



Cervical Cancer incidence rate by borough, 1980-2014, IHME, 2023



- × ● Max
- × ● Min
- × ● United States of America
- × ● United States of America - Alaska
- × ● United States of America - Alaska - Northwest Arctic Borough
- × ● United States of America - Alaska - Anchorage Municipality
- × ● United States of America - Alaska - Kenai Peninsula Borough
- × ● United States of America - Alaska - Bethel Census Area
- × ● United States of America - Alaska - Bristol Bay Borough
- × ● United States of America - Alaska - Denali Borough
- × ● United States of America - Alaska - Dillingham Census Area
- × ● United States of America - Alaska - Kusilvak Census Area
- × ● United States of America - Alaska - Nome Census Area
- × ● United States of America - Alaska - North Slope Borough
- × ● United States of America - Alaska - Yakutat City and Borough

Alaska ranks 49th out of 50 states for cervical cancer screening with rates remaining stable ~60%

Who's not getting screened?

- Rural, geographic barriers
- Transportation, childcare, work challenges
- History of sexual trauma
- People struggling with addiction
- People who don't think they are at risk
- Non-binary individuals
- Unhoused
- Un- and Underinsured

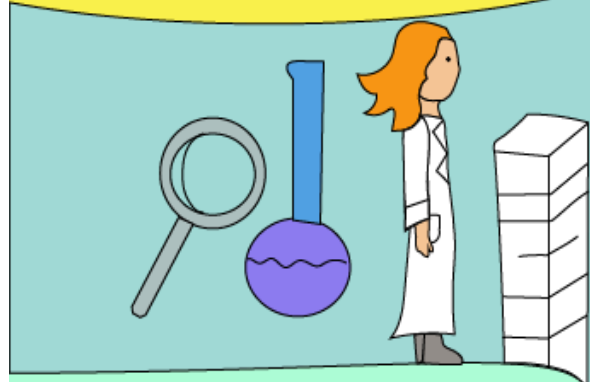
What is Primary HPV Screening

- ✓ Primary HPV screening is testing for high-risk HPV first, followed by a triage test such as cytology and/or HPV genotyping if the initial test is positive.
- ✓ The presence of a high-risk HPV type indicates a risk for developing a cervical pre-cancer or cancer-**especially if the HPV test remains positive over time (years).**
- ✓ Biggest advantage is ability for self-collection

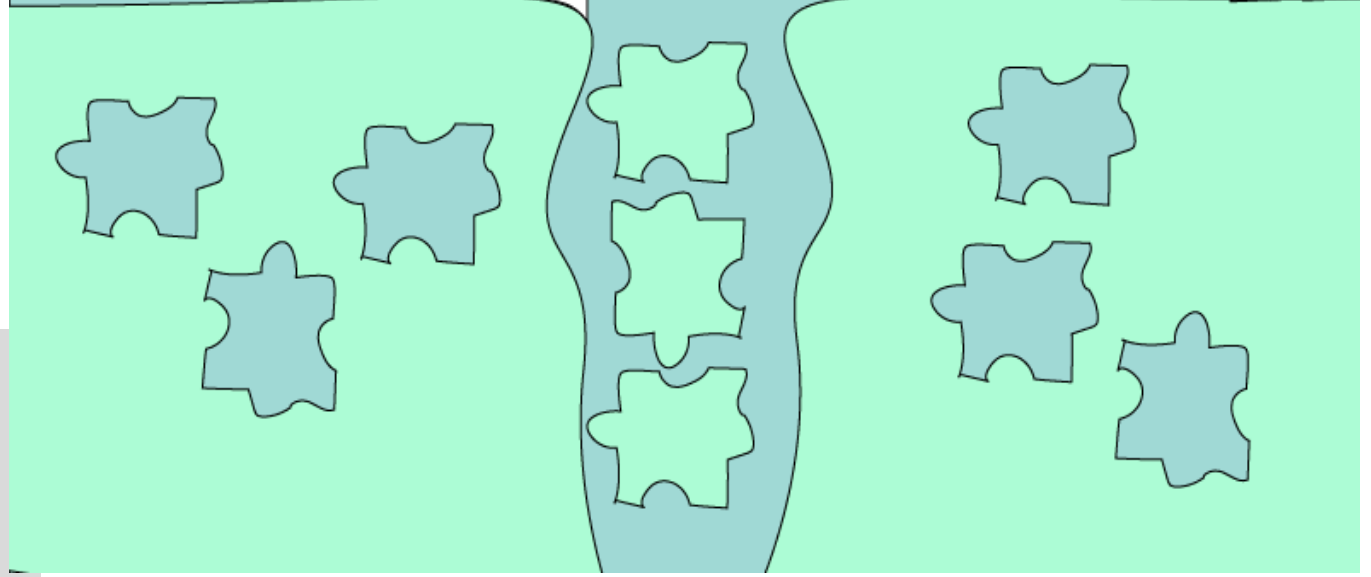
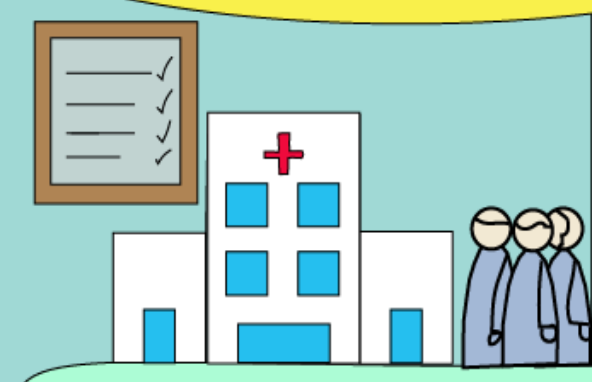
Self-collection HPV tests

- Multiple studies have shown that self-collection is effective, is cost-effective, and is acceptable to people, especially among under-screened populations.
- High agreement with clinician- collected samples

WHAT WE KNOW

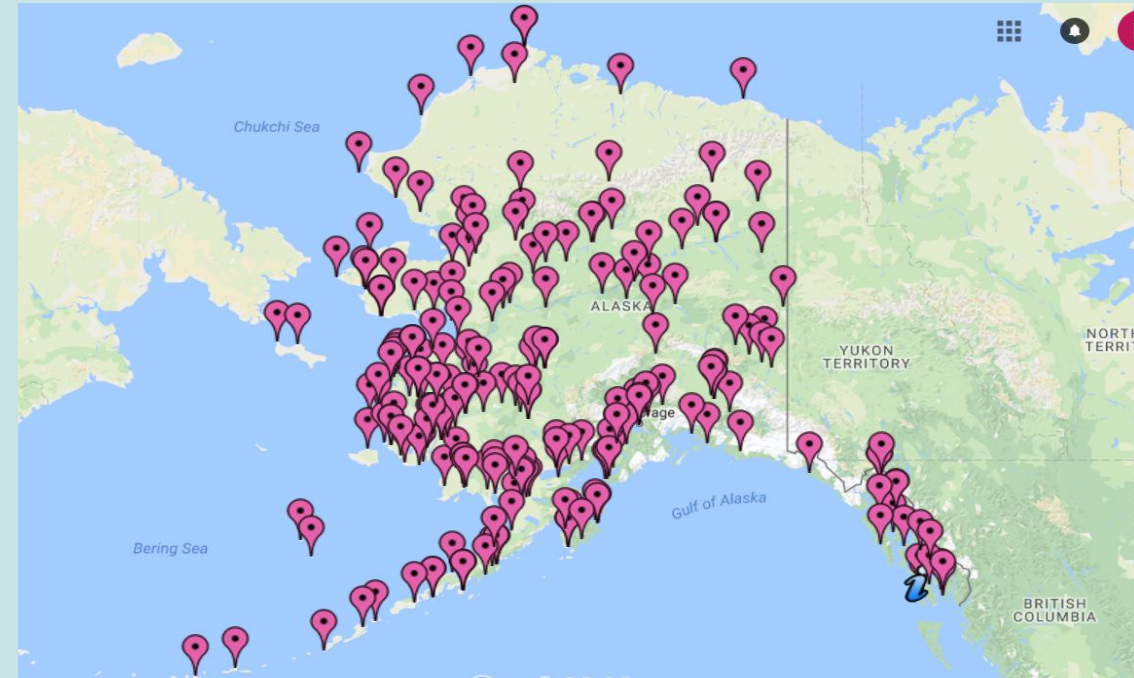


WHAT WE PRACTICE



Here we go...

Using a Health Equity Lens



Goal: Bring Primary HPV screening to Alaska Native people to address health disparities that exist.

Road to Primary HPV


2022-2023 Historical Context for Cervical Cancer Screening in AK

- Barriers to in-state testing, with *all* PAP / HPV testing referred outside
- American Cancer Society's endorsement of primary HPV testing in 2020: opportunity for ANMC Laboratory's expansion of in-house molecular testing during the COVID-19 pandemic.

This led to...

- 2023 Statewide contract for referred PAP/HPV testing was up for renegotiation, able to change to Primary HPV testing
- Cervical cancer became the top priority for ANMC's Cancer Committee 2023-24 Agenda
- Secured the **cobas**® HPV test system for in-house testing

Normal cytology HPV 16+



Patient profile

- 32 years of age
- G1P1

Risk report no. 1
Normal cytology (NILM)
HPV 16+

Relevant medical history

- Last Pap test 5 years ago, normal cytology
- No history of cervical disease

Current exam

- Pap test: normal cytology
- **cobas**® HPV test:
 - 12 other pooled hrHPV: negative
 - HPV 16: positive
 - HPV 18: negative

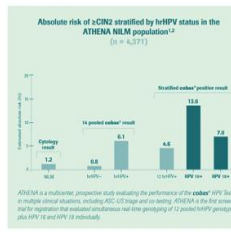
How would you manage this patient?

What is this patient's risk of aCIN2?
 What is the best course of management?

CIN2 = grade 2 cervical intraepithelial neoplasia; G1P1 = 1 pregnancy, 1 delivery; HPV = human papillomavirus; hrHPV = high-risk human papillomavirus; NILM = negative for intraepithelial lesion or malignancy

The details about risk in normal cytology (NILM)

There is an increased risk of cervical cancer in women with normal cytology who are HPV 16+ and/or HPV 18+.



Absolute risk of aCIN2 stratified by hrHPV status in the ATHENA NILM population¹⁶

hrHPV Status	Absolute Risk of aCIN2 (%)
12 pooled cobas HPV test	1.2
HPV 16	4.8
HPV 18	4.6
Stratified cobas HPV test (HPV 16+)	15.6
Stratified cobas HPV test (HPV 18+)	7.8

Approximately 1 in 10 women with normal cytology who were HPV 16+ and/or HPV 18+ had high-grade cervical disease that was missed by cytology alone.¹⁶

The risk of aCIN2 in women ≥30 years of age with normal cytology who were HPV 16+ and/or HPV 18+ was comparable to the risk in women ≥21 years of age with ASC-US who were pooled hrHPV+.

FDA approved

Because the devil is in the details, ask for the **cobas**® HPV Test

ASC-US = atypical squamous cells of undetermined significance; ATHENA = Addressing THE Need for Advanced HPV Diagnostics; CIN2 = grade 2 cervical intraepithelial neoplasia; HPV = human papillomavirus; hrHPV = high-risk human papillomavirus; NILM = negative for intraepithelial lesion or malignancy

16. Linder J, et al. Gynecol Oncol. 2013;129:103-108. doi:10.1016/j.ygyno.2012.11.011. PMID: 23111111

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Roche | **cobas** | The **cobas**® HPV Test
KNOW THE RISK


www.HPV1and18.com

#1 Identify Stakeholders

- **Administrators**
- **Clinicians**
 - Medical Directors of OBGYN
 - GYN ONC providers
 - WH/Primary Care Providers
 - Health Aides
 - Early Detection Program
- **Clinical Core Business Groups**
 - Cancer
 - Maternal Child Health
 - Primary Care
- **Medical Executive Committee**
- **Clinical Quality Council**
- **Customer Owners**



Implementation in action: Collaborating on the transition to primary HPV screening for cervical cancer in the United States

Levi S. Downs Jr MD¹ | Ritu Nayar MD² | Jane Gerndt MPH³  |
Debbie Saslow PhD³ | for the American Cancer Society Primary HPV Screening Initiative Steering Committee

¹Park Nicollet Health Services, Minneapolis, Minnesota, USA

²Northwestern University, Feinberg School of Medicine, Chicago, Illinois, USA

³American Cancer Society, Atlanta, Georgia, USA

American Cancer Society's resources for transition to Primary HPV

<https://cervicalroundtable.org/>

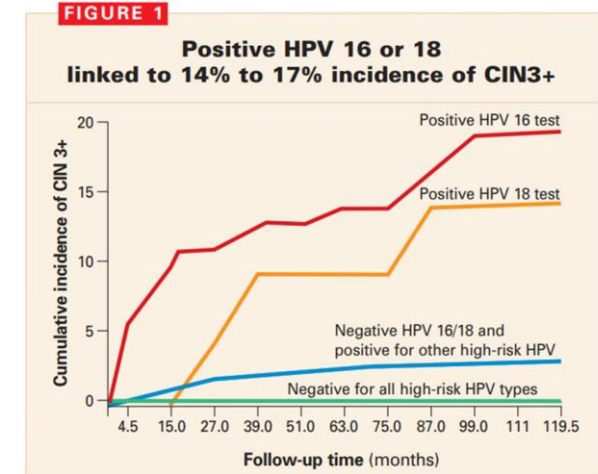


What is HPV?

- The human papillomavirus is a small dsDNA virus, specific to humans, which infects epithelial cells.
- Once incorporated into cells, the viral proteins decrease apoptosis, leading to unregulated cell growth.
 - This can cause either benign or malignant tumors, depending on the infected location and the strain of virus.
- More than 100 types of HPV have been identified.
 - Over 40 types affect the anogenital area.

#2 Provider Needs

Not all HPV genotypes are the same

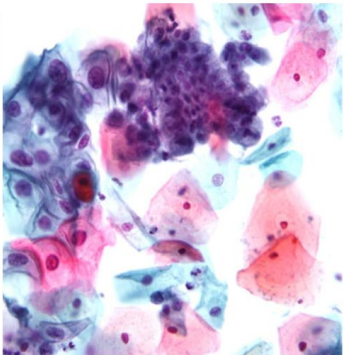


The cumulative incidence of CIN 3+ over a 10-year period, as a function of a single HPV test result at enrollment. Women positive for HPV 16 or 18 had a much greater incidence of CIN 3+, compared to women negative for HPV 16 and 18 but positive for other high-risk HPV types by Hybrid Capture 2, or negative for all high-risk HPV types. Adapted from Khan et al.

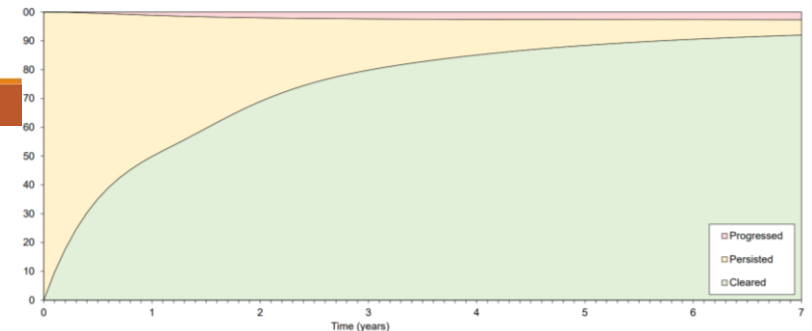
HPV Infection- What does it do?

LAST System ^[1]	Cytology	LSIL	HSIL		
	Histology	LSIL	p16 staining should be performed*		HSIL
Bethesda Classification System ^[2]	Cytology	LSIL	HSIL		
	Histology	CIN 1	CIN 2	CIN 3	
Previous terminology		Mild dysplasia	Moderate dysplasia	Severe dysplasia	Carcinoma in-situ
Histologic images					

Detection of HPV Cervical Changes



Most HPV infections become undetectable in 1-3 years those that persist cause CIN3+ over time



First, the basics...

Then, the nuts and bolts...



Disclosures

This resource was developed by the Provider Workgroup as a part of the American Cancer Society National Roundtable on Cervical Cancer's Primary HPV Screening Initiative which aims to support the transition to and implementation of primary HPV screening across the United States.

Speaker's Disclosures:

Primary HPV Screening for Cervical Cancer: *Why and How?*

Objectives

- Describe primary HPV screening, the preferred approach to cervical cancer screening per the American Cancer Society Cervical Cancer Screening Guideline
- Review the pros and cons of this approach
- List three options for managing abnormal screening results
- Review new developments in cervical cancer screening and management

Cervical Cancer Screening Trends Slide Deck (2024) This presentation was presented to provider groups and facilitated good discussions

Scripting
Guidelines
EHR order sets
Results



Talking to your Patients about Primary HPV Screening: A Script for Providers

For some patients, cervical cancer screening is stressful and confusing. For providers, talking about it can be complicated and time consuming, particularly given the stigma surrounding HPV infection and the different screening options.





This script provides a clear and accurate approach to explaining the advantages of primary HPV screening for cervical cancer screening. We hope it will save you time and reduce anxiety for provider and patient alike. Modification may be needed for your individual patients and patient population. [Alternative wording suggestions are in brackets.]

ANMC Cervical Cancer Prevention Guideline





Do's and Don'ts: Explaining Primary HPV Screening to Patients



DO'S


-  DO highlight technology and research advancements to support moving towards primary HPV screening.
-  DO explain that this is a test that detects the presence of a virus that can cause cancer.
-  DO be sensitive to the stigma around HPV and use language that is not stigmatizing. One way to do this is to emphasize to patients that HPV is very common.
-  DO be inclusive of LGBTQ+ persons with a cervix who still qualify for routine cervical cancer screening.

DON'TS

-  DON'T stress that there is a test being taken away from the traditional screening paradigm (the Pap test).
-  DON'T call attention to cost-saving as it is not a driver for the transition to primary HPV screening.
-  DON'T couple HPV and sexually transmitted infections.
-  DON'T forget to emphasize the importance of following up after a positive HPV test result.

#3 Consumer Needs – Education/Information

Preventing Cancer with HPV Screening



HPV stands for **human papillomavirus**. There are many types of HPV and some of these types cause cancer. Screening for HPV is an important way to help prevent cancer.

Most people will have an HPV infection at some point in their lives.

HPV and My Health

HPV is a very common virus—just like the common cold virus. Often, the infection clears up on its own and doesn't cause any health problems. But sometimes, the infection doesn't go away. This is why screening is so important. It helps find problems early, so they can be treated.

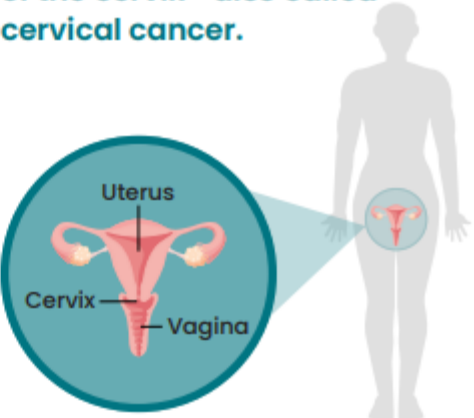
HPV and Cervical Cancer

There are different types of HPV. Some types of HPV cause warts on the hands, feet, or genitals. Other types of HPV cause cancer—these are the types that HPV screening looks for.

It often takes many years for cervical cancer to develop after a person gets these types of HPV. This gives time to discover the HPV infection and treat any problems before cancer develops.

This is why screening is so important.

One type of cancer caused by HPV is cancer of the cervix—also called cervical cancer.



Screening for HPV

Cervical cancer was once one of the most common causes of cancer death for American women. **Thanks to the development of cervical cancer screening tests**, this is no longer the case. Rates of cervical cancer and deaths from the disease have dropped significantly.

A screening test is used to find potential health problems early, before a person has any symptoms of disease.

The Pap test was the first test available to screen for cervical cancer. This test helps find cells on the cervix that are not normal and could develop into cancer. Infection with certain types of HPV can cause these cell changes.

HPV screening can identify if a person has one of these types of HPV before changes in the cells occur. Having one of these cancer-causing HPV types does not mean a person will surely get cancer, it just means they should be checked carefully to prevent cancer from developing.

We know that specific types of HPV cause cancer. Having a test that can find whether a person has one of these types is a great step forward in preventing cancer.

After Screening

Be Sure to Follow Up. Talking with your provider to learn about your results is very important.

– If the test is negative...

- Low chance of cancer developing in the next 5 years
- You won't need screening again for 5 years (unless you've previously had an abnormal Pap or positive HPV test).

+ If the test is positive for any of the HPV types that can cause cancer...

- More testing will be needed
- A healthcare provider may need to take a closer look at your cervix and another HPV test may be needed sooner.

A positive result is an opportunity to prevent cancer, but only if you follow up with your provider!

It is so important to talk to your healthcare provider to get the extra care and testing needed to help prevent cancer.



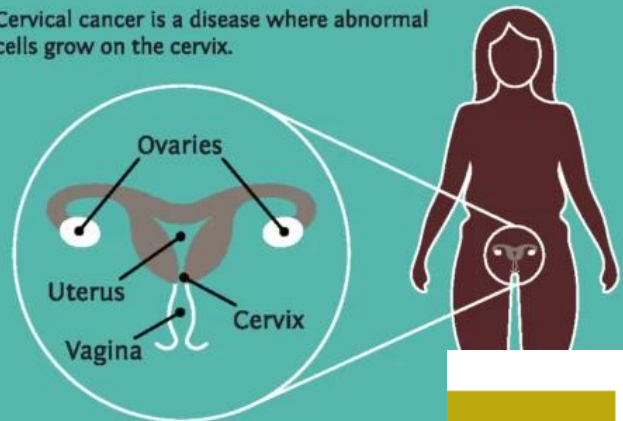
This resource was developed by the Patient Perceptions Workgroup as a part of the American Cancer Society National Roundtable on Cervical Cancer's Primary HPV Screening Initiative which aims to support the transition and implementation of primary HPV screening across the United States.

End Cervical Cancer

▶▶▶▶ in Indian Country

What is cervical cancer?

Cervical cancer is a disease where abnormal cells grow on the cervix.



Screening and Prevention

Protect yourself!
Get tested for cervical cancer



What can I do?



GET VACCINATED

The human papillomavirus (HPV) is recommended for everyone aged 11-26 against HPV cases that lead to cervical cancers. *Learn more at: AICAF.org*



PRACTICE SMART SEX

Use protection and talk with your partners: anyone who has had vaginal or oral sex can get HPV.



QUIT SMOKING

Smoking weakens the immune system, making it harder for the body to fight HPV. *Learn more at: AICAF.org/quit*



GET SCREENED

Cervical cancer is highly preventable if detected and treated early.

to Quality

Cancer screenings at Southcentral Foundation

By SCF Public Relations

Family wellness is essential to a thriving Alaska Native community. As part of the organization's commitment to family wellness, Southcentral Foundation's (SCF) strategic plan has been oriented around 12 family wellness objectives adopted by the SCF Board of Directors, including **"reducing the rate of preventable cancers and improving the management of cancers."**

Cancer can take a devastating toll on families and communities and, according to the Alaska Native Epidemiology Center, it was the leading cause of death among Alaska Native men and women from 2004 to 2008. Cancer was the cause of one out of every five Alaska Native

CERVICAL CANCER

Cervical cancer can be preventable. Since this cancer typically begins with pre-cancerous changes in the body, there are two ways of looking at preventing it in its invasive form. The first is "early detection" – to find and treat pre-cancers – and the second is to prevent the pre-cancers. A Pap test can help find abnormal cells of the cervix (pre-cancers) and cervical cancer at an early stage. Studies have shown that not smoking can lower your risk of cervical cancer, along with avoiding exposure to HPV, a very common sexually transmitted disease that is responsible for more than 90 percent of all cervical cancers. Fortunately the vaccine, Gardasil®, can help protect males and females against four different types of HPV. For the best protection, it is recommended that the vaccine

some results become available with preventive

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for A older

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18 years old, talk to your health care provider to call your local IHS, tribal or urban health clinic to **get a Pap test**.



#4 IT/EHR

New order sets

Cytology ages 21-24 years old

HPV 16/18/other w/reflex cyto 25+ years
(ACS)

Cotests for special populations*, 25+ years

Results Reporting

Issues with Screening and Prevention –
finding work-arounds

Learned experiences

Need for a “cytology order” for certain
patients (send-out)

Important to involve the data/grant
person who reports to CDC



#5 Laboratory's role

- Selecting the platform
- Ensuring the test is accurate and reliable (“validation”)
- Developing standard operating procedures
- Training staff
- Establishing quality assurance metrics for ongoing performance,
- “Go-live” communication (i.e., orders, specimen requirements, etc.)

ANTHC launches first in-state lab for cervical cancer screening

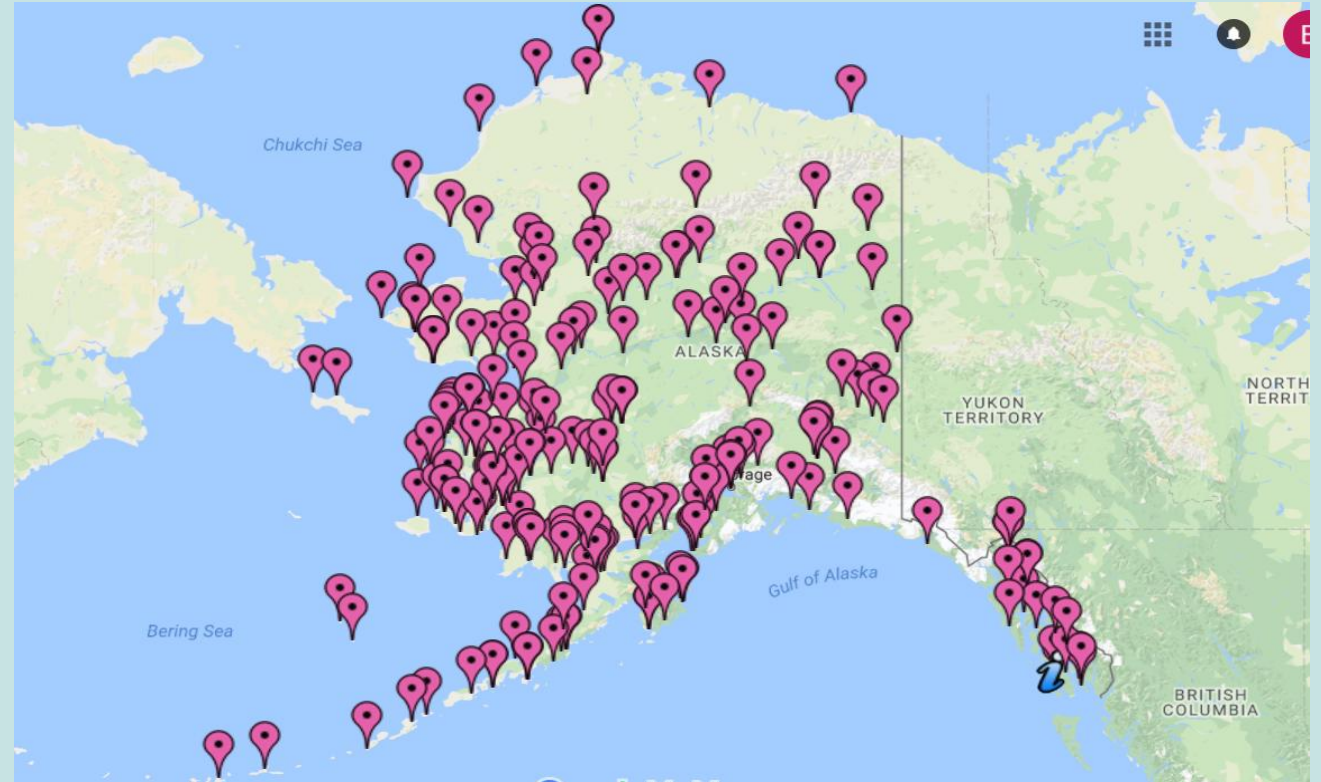
Alaska Public Media | By **Rachel Cassandra**

Published May 24, 2024 at 12:32 PM AKDT

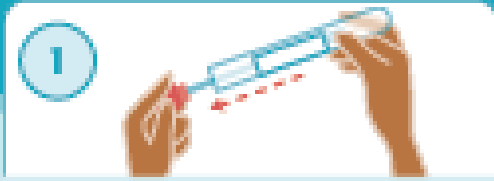


For rural areas, HPV self-collection is Health Equity

- Clinic-based: What defines a clinic?
 - Walk in clinics,
ERs, Mobile units,
Home Visits,
Treatment Centers,
Health Fairs

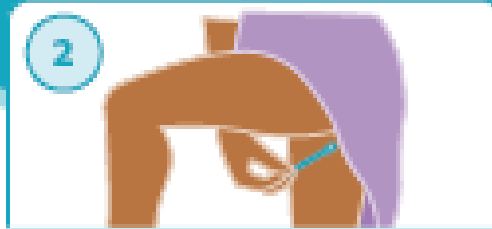


HPV Test Self-Collection Instructions



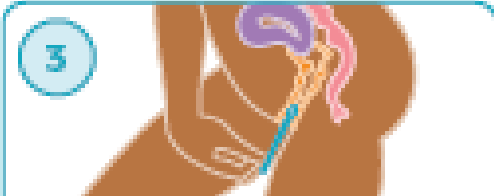
SWAB:

- Wash your hands with soap and water.
- Remove the swab from plastic tube just behind and pull it.
- If possible, avoid taking the sample during your monthly period.



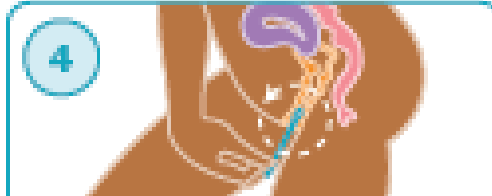
POSITION:

- Undress from the waist down.
- Get into a comfortable position as shown above while holding the swab in your hand.



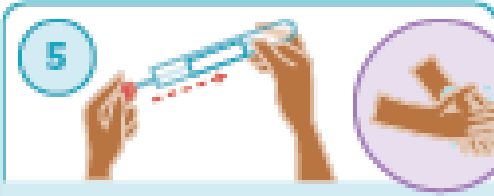
TAKING THE SAMPLE:

- Gently spread open the folds of skin at the vaginal opening with your other hand.
- Insert the swab into your vagina directed towards your lower back approximately two inches, half the length of cylinder. This is similar to how you would insert an tampon.



TAKING THE SAMPLE (continued):

- Rotate the swab gently for 10-30 seconds.
- There should be no pain or discomfort.



RETURN TO PLASTIC TUBE:

- Place the swab into the plastic tube.
- Tightly screw the cap onto the tube.
- Finally, wash your hands with soap and water.

The HPV test is used to screen for cervical cancer. For more information about cervical cancer screening and prevention, please talk with your primary care team today.



Suspension of self-collected specimen

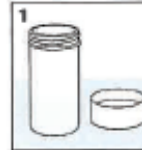
Sample suspension instructions for Copan FLOQSwabs® #552C.RM

Sample handling instructions for self-collected sample using Copan FLOQSwabs® #552C.RM for testing with the cobas® 4800 HPV Test or cobas® HPV.

Self-collected sample must be placed into medium after sample has been collected.

- Read all instructions before starting sample suspension.
- For sample collection, follow the collection device manufacturer's Instructions for use.
- Once the sample has been collected, continue with the following instructions to preserve the sample:

Handle the collected sample with care.



1. Carefully uncap the vial containing medium and place it on a stable, flat surface.



2. Slowly pull the FLOQSwab cap off to remove the swab from the tube. Minimize touching the inner walls of the tube as you remove the FLOQSwab.



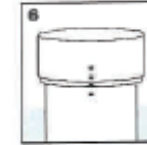
3. Hold the vial with one hand then with the other hand place the FLOQSwab tip into the vial until the FLOQSwab tip is fully immersed in the medium and touching the bottom of the vial.



4. Holding onto the vial, swirl the FLOQSwab along the inner vial wall for 20 seconds while ensuring the swab remains immersed in the medium. Be careful not to splash.



5. Carefully draw the FLOQSwab up along the inner vial wall until the tip is no longer immersed in the medium. Hold the tip against the inner vial wall to drain fluid off of the swab. Place the FLOQSwab into the tube and discard.





6. Re-cap the vial and tighten until the lines on the cap and vial meet or slightly overlap to prevent leakage. Store upright.

7. The sample can now be processed with the cobas® 4800 HPV Test or cobas® HPV.

Glossary

 **FLOQSwab/Swab:** The self-collection device used to collect sample.

 **Tube:** A protective container that the self-collected device will come in and can be used to temporarily store the collection device after the sample has been collected.

 **Vial:** A container which contains 20 mL of clear solution. The specimen you collect will need to be transferred into this container and this container will be sent to the lab for processing.

Medium: What the liquid that comes in the vial is called.

Self collect staff and patient materials

Evaluation of Implementation:

1. Screening numbers
2. Patient satisfaction
3. Provider satisfaction
4. Incidence rates

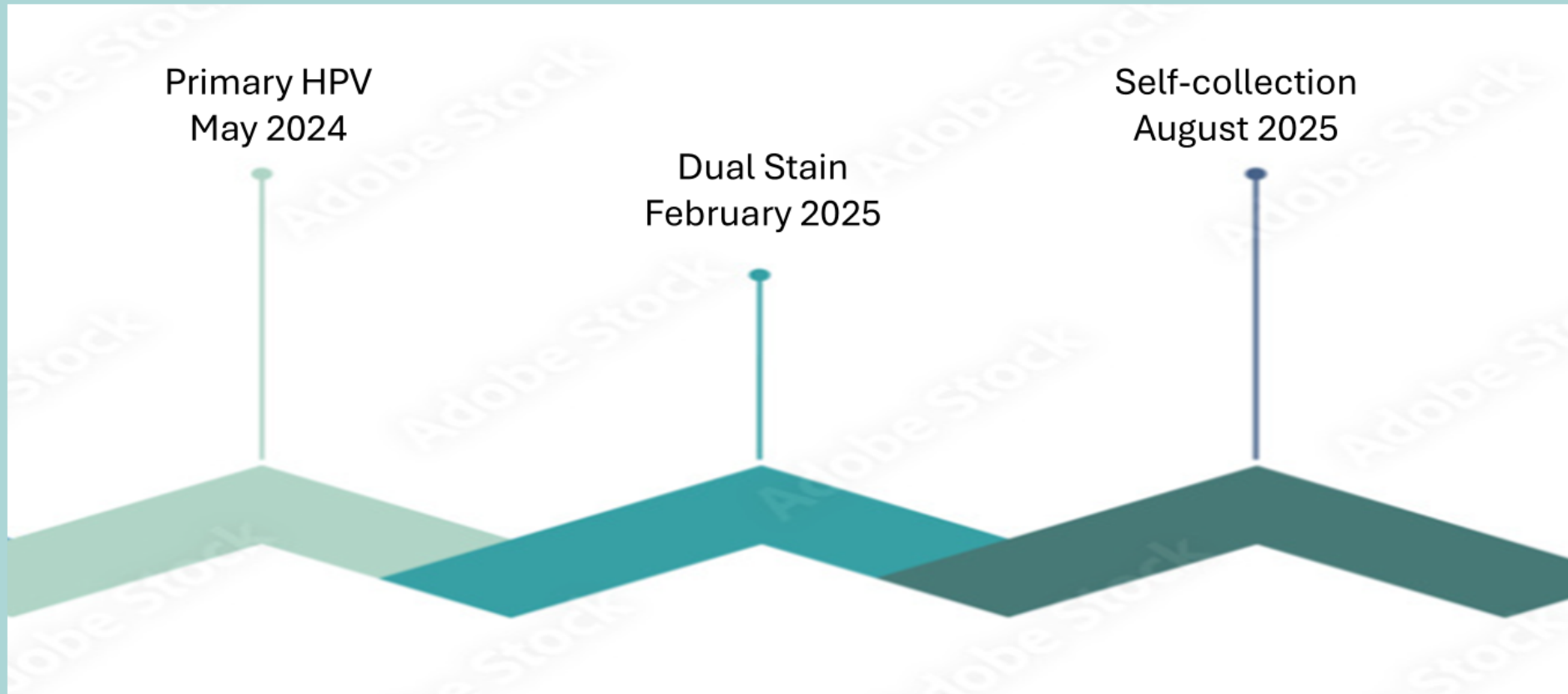
Things we couldn't predict

- Some provider resistance
- 25-29 year-olds – Primary HPV not covered/not included with USPSTF guidelines (reimbursement issue)
- Initial issues with reporting data/Hedis measures
- EHR: orders and results

Things that went well

- Support from Tribal Health Leaders
- Cancer Committee Support for the Primary HPV instrument and willingness to trailblaze
- Provider satisfaction was high
- IT/EHR and provider collaboration
- Support and interest for self-collection

Primary HPV Cervical Cancer Screening Implementation Timeline at ANMC





Taikuu!

Inupiaq

Way Dankoo

Tsimshian

Tsin'aen

Ahtna Athabascan

Háw'aa

Haida

'Awa'ahdah

Eyak

Qagaasakung

Aleut

THANK YOU!

Gunalchéesh

Tlingit

Igamsiqanaghalek

Siberian Yupik

Благодарите Вас

Dena'ina Athabascan

Quyana!

Yup'ik



Thank You



Questions?