



“At Its Root” Program:
Increasing HPV Vaccine Rates for Latinas ages 19-26 years
old

Cervical Cancer in Colorado

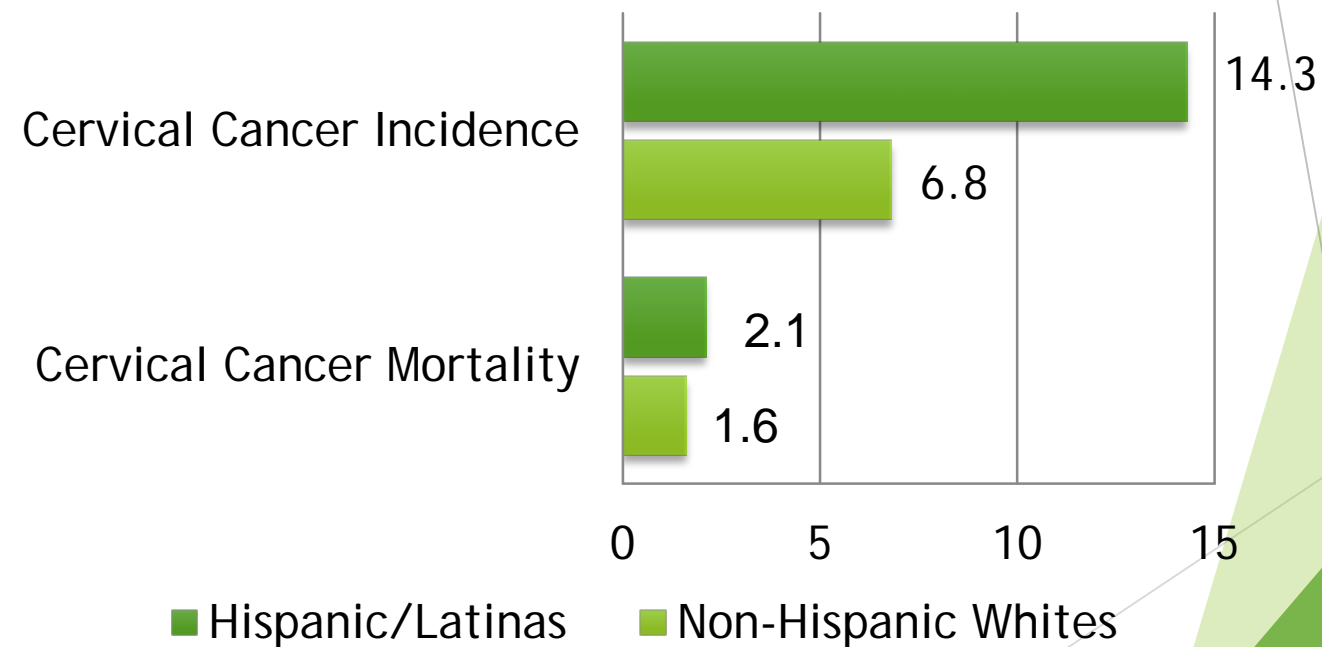
- ▶ An average of 150 cases of invasive cervical cancer are diagnosed annually in Colorado.
- ▶ About 2 out of every 100,000 women in Colorado will die from cervical cancer.
- ▶ 80% of people will contract HPV in their lifetime and is the leading cause of cervical cancer.
- ▶ Two strains of the HPV virus are responsible for 70% of all cervical cancer cases.
- ▶ 21% of women in Colorado do not receive the recommended pap test screening.
- ▶ For each year that we stay at the average of 30% vaccination coverage instead of the goal of 80% we will fail to prevent 4,400 future cases of cervical cancer and 1,400 cervical cancer deaths.
- ▶ **Racial/Ethnic minorities and low-income individuals suffer poorer HPV associated cancer outcomes.**

Latinas

in Colorado have the highest cervical cancer incidence & mortality rates

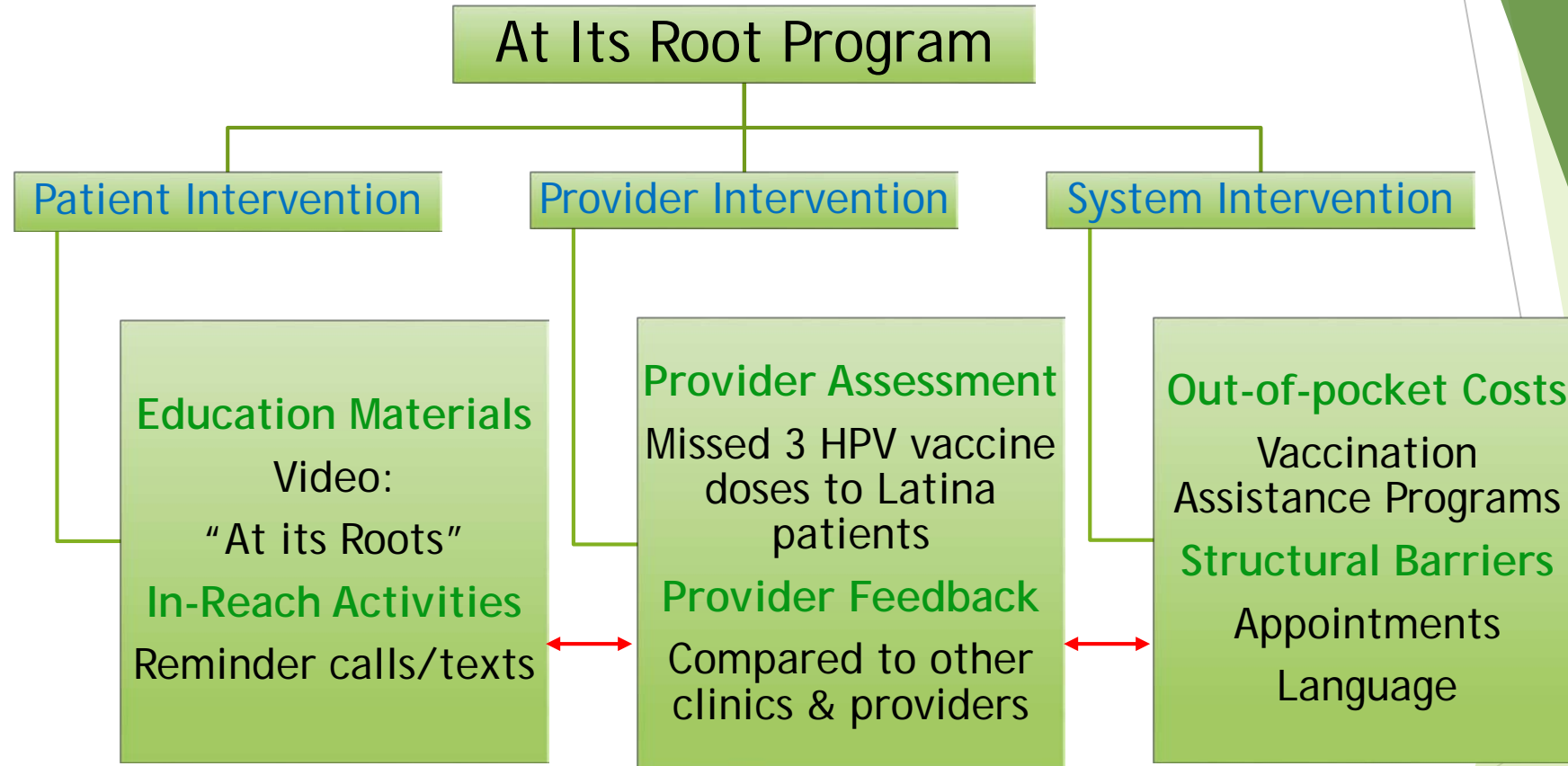


Figure 1. Cervical Cancer Incidence & Mortality Rates in Denver County



Note: Age-adjusted Incidence and Mortality Rates (Cases per 100,000 population) by Race/Ethnicity in Denver County (2005-2009). Finch, JL. Colorado Cancer Registry (CCCR). Cervix Cancers Cases 2005-09 - State of Colorado and Adams, Denver, Larimer and Weld Counties. Denver, CO. Colorado Department of Public Health and Environment. 2012.

Multi-Level Intervention



Outcomes include rates for 1, 2, or 3 doses of the HPV vaccine completed

Merck Program

- ▶ The Merck MAP (medication assistance program) allows us to give the HPV vaccine to the uninsured ages 19-26 for free.
- ▶ Patient with no insurance is identified (CICP, emergency Medicaid).

HPV Vaccine Outcomes

Number of Vaccines Women Obtained:	July 01, 2016 - June 30, 2017
Obtained 3 vaccines:	263
Obtained 2 vaccines:	202
Obtained 1 vaccine:	143
Total:	608 women who had a vaccine dose

HPV Vaccine Outcomes

Number of Vaccines Women Obtained:	July 01, 2017 - January 19, 2018
Obtained 3 vaccines:	74
Obtained 2 vaccines:	60
Obtained 1 vaccine:	47
Total:	181 women who had a vaccine dose

Denver Health Vaccine Rates

Number of Vaccines Women Had	08/2015-06/2016	07/2016 - 07/2017	Difference
Never had HPV Vaccine:	1,498	1,228	270 less
1 HPV Vaccine:	549	365	184 less
2 HPV Vaccines:	538	357	181 less
3 or more HPV Vaccines:	2,850	3,838	988 more Completed Vaccine Series

Program Success

- ▶ In 2014 (baseline), only 43% of Latinas had completed all 3-doses of the HPV vaccine.
- ▶ In 2015 (1st year), 52% of Latinas completed the vaccine.
- ▶ In 2017 (2nd year), 66% of Latinas completed the vaccine.
- ▶ In 2018 (3rd year), 80% of Latinas are expected to have completed all 3-doses of the HPV vaccine.

Questions?

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