

Vaccine Preventable Cancers: What you need to know!

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Idaho Comprehensive Cancer Control Program

Booster Shots - September/October 2017

Objectives

- Describe the current state of vaccine preventable cancers in Idaho.
- List the vaccines that can prevent cancer.
- Describe the current vaccination rate for vaccines that prevent cancer.
- List the steps to increase vaccination rates in your practice.



HepB and HPV Vaccinations **PREVENT** Cancer



Hepatitis B & Liver Cancer in Idaho

THE HEPATITIS B VIRUS

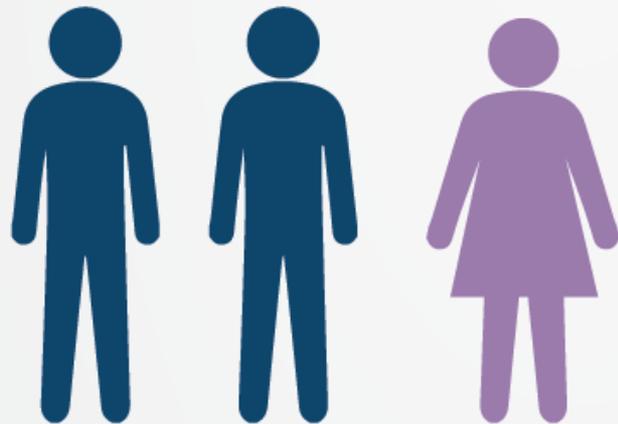
**CAN CAUSE LIFELONG ILLNESS,
LIVER CANCER, OR LIVER FAILURE.**



Hepatitis B & Liver Cancer

IN 2014, THERE WERE
150 CASES
OF LIVER CANCER
DIAGNOSED IN **IDAHO**





MEN ARE **2X**
MORE LIKELY TO BE
DIAGNOSED WITH LIVER
CANCER THAN WOMEN



55

AGE AT WHICH LIVER CANCER RISK INCREASES, PEAKING AT 70 TO 74 YEARS OF AGE.





**LIVER CANCER HAS BEEN
ON THE RISE ALMOST **5%** PER YEAR
SINCE 1975**

Hepatitis B Vaccination

Good News:

Liver disease caused by the
Hepatitis B virus can be prevented.

Hepatitis B Vaccination



THE BEST TIME TO VACCINATE FOR HEPATITIS B IS AT BIRTH. THIS IS WHEN THE VACCINE WORKS BEST.

3 dose series beginning at birth

- 1st dose in hospital
- 2nd dose between 1-2 months
- 3rd dose between 6-18 months



HPV & Cancer in Idaho

WHAT IS HPV?

HUMAN PAPILLOMAVIRUS (HPV) IS A GROUP OF MORE THAN 150 RELATED VIRUSES. HPV IS TRANSMITTED THROUGH INTIMATE SKIN-TO-SKIN CONTACT.

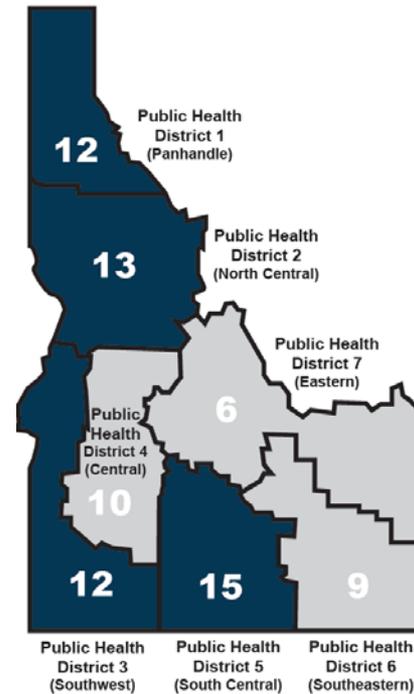
MOST PEOPLE WILL BE EXPOSED TO HPV IN THEIR LIFETIME



HPV-Associated Cancer Incidence (2013)

Rate of adults diagnosed with HPV associated cancers

Idaho	U.S.
11	12
(rates per 100,000)	



Public Health Districts 1,2,3 & 5 have higher incidence rates than the state overall.

The Facts:

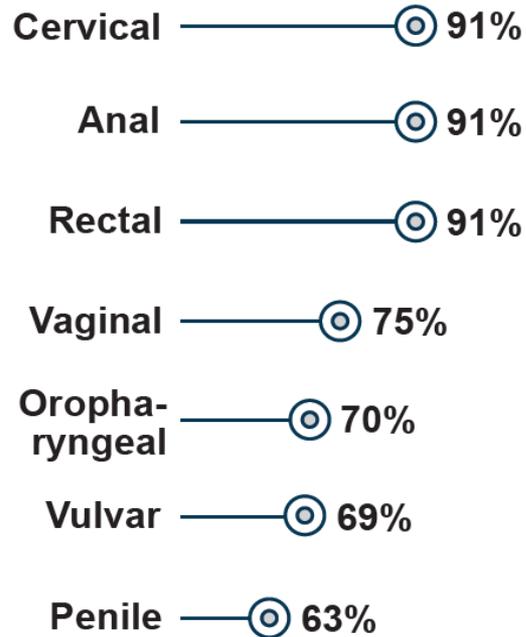
- HPV CAN CAUSE CANCER IN BOTH MEN AND WOMEN.
- HPV DOES NOT ALWAYS SHOW SYMPTOMS.





HPV Associated Cancers in Idaho

Percentage of HPV-Associated Cancers Attributable to HPV by site



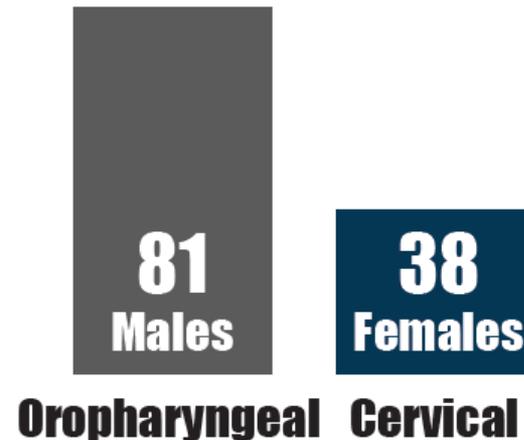


HPV Associated Cancers in Idaho

Percentage of HPV-Associated Cancers Attributable to HPV by site

Oropharyngeal — 70%

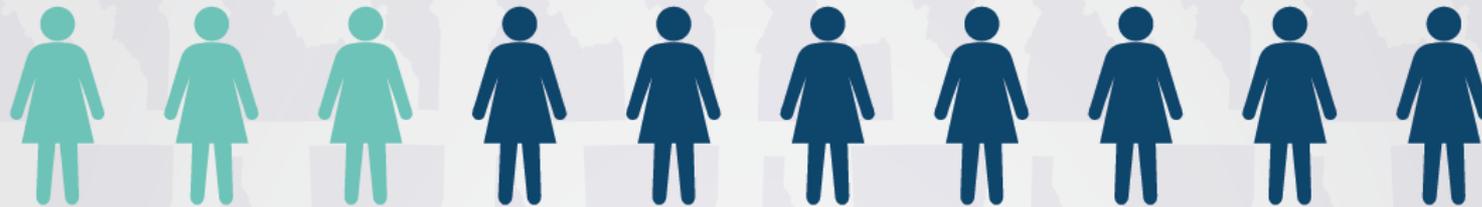
In Idaho, there were more males diagnosed with HPV associated oropharyngeal cancer than females diagnosed with HPV associated cervical cancer in 2013.





THE HPV VACCINE

IS THE BEST DEFENSE AGAINST CERTAIN CANCERS



ONLY

30%

OF FEMALES AGES 13-17 YEARS
HAVE COMPLETED THE HPV
VACCINATION SERIES.



ONLY

25%

OF MALES AGES 13-17 YEARS
HAVE COMPLETED THE HPV
VACCINATION SERIES.

HPV Vaccination

Target vaccination age is 11-12 years old

- First dose given **before age 15:**
 - 2 doses of HPV vaccine at 0, 6–12 months.
- First dose given **at age 15 years or older:**
 - 3 doses of HPV vaccine at 0, 1–2, 6 months.



Idaho Goals:

- **INCREASE THE HPV VACCINATION RATE BY 50%.**
- **PROTECT 80% OF TEENS BY 2020.**

Increasing HepB and HPV Vaccination among YOUR patients

Practical tips and tricks for quality improvement for
both Hepatitis B and HPV vaccination

Increasing Vaccination Rates

- Make a recommendation
- Know and use your data
- Remind providers that patients are due for vaccination
- Remind patients that they are due for vaccination

Increasing Vaccination Rates

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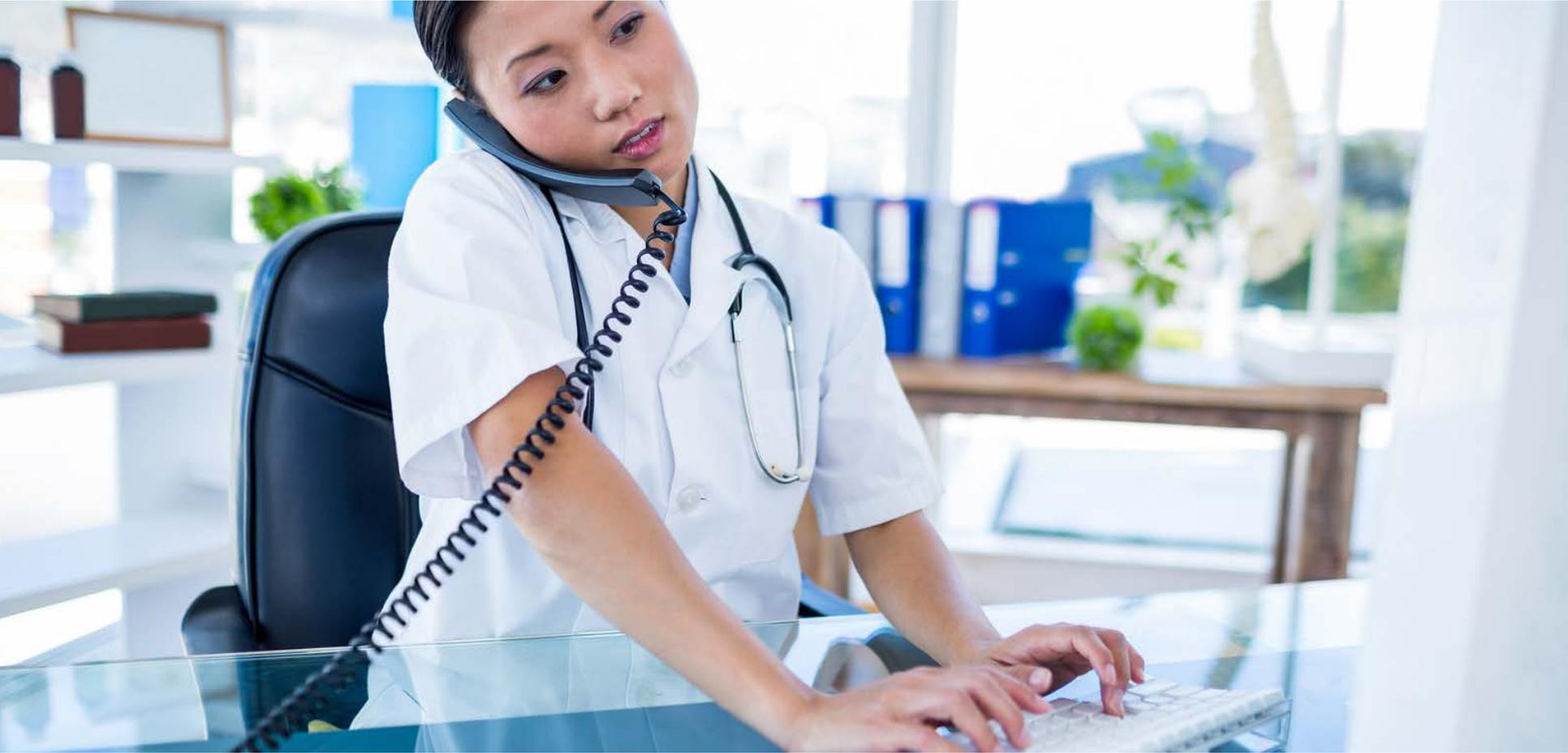
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Idaho Specific Public and Patient Education Resources

You don't have to recreate the wheel!

Patient/Public Education Resources

Idaho Cancer Control and Prevention Programs
Published by Racheal Castaneda [?] · July 8 · 🌐

If you could help give your child a cancer-free future, would you? The HPV vaccine is the best way to #PREVENT many types of cancer. The vaccine is recommended for boys and girls ages 11 or 12. Visit: www.hpvfreed.org for more information. Idaho Immunization Program



**HIS DREAM IS TO BE
A ROCK STAR WHEN
HE GROWS UP**
NOT A CANCER PATIENT.

Idaho Cancer Control and Prevention Programs
Published by Racheal Castaneda [?] · September 1 at 3:25pm · 🌐

Liver cancer caused by chronic hepatitis B can be prevented through the hepatitis B vaccination. Protect the health of your children by getting them vaccinated at birth. <https://goo.gl/SDVyeZ>



THE BEST TIME TO VACCINATE FOR HEPATITIS B IS AT BIRTH, WHEN THE VACCINATION WORKS BEST.

Idaho Cancer Control and Prevention Programs
Published by Racheal Castaneda [?] · 19 hrs · 🌐

The percentage of Americans who get liver cancer has been rising for several decades and is twice as common among men. To lower your risk for liver cancer, get vaccinated against Hepatitis B, get tested for Hepatitis C, and limit drinking alcohol. For more information visit: <https://www.cdc.gov/cancer/liver/index.htm>



MEN ARE **2X** MORE LIKELY TO BE DIAGNOSED WITH LIVER CANCER THAN WOMEN

Idaho Cancer Control and Prevention Programs
Published by Racheal Castaneda [?] · February 1 · 🌐

February is #CancerPrevention Month. Protect your children from cancer by getting them the HPV vaccine before they turn 13. Visit: <http://www.hpvfreed.org/parents> for more information.



**LET'S MAKE
IDAHO
#HPVFREE**



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