

---

# Wyoming Cancer Plan

Prevention Workgroup

September 30, 2020

# Today's Objectives

- Build common understanding of current plan progress to date
- Select key goals/topics
- Identify priority strategies for each goal

# Today's Agenda

- Data updates on goals
- Topics and goals for the future
- Progress on strategies
- Strategies for the future

# Project Overview

- **Goal:** Write and design updated statewide cancer plan for 2021 to 2025 by January 31, 2021
  - Align with other statewide plans
  - Relevant to all key stakeholders
  - Across the cancer continuum
  - Measurable objectives
  - Matches need and addresses disparities

# What is the cancer plan?

- Statewide cancer plan
- Implemented by the coalition

# What is the cancer plan?

- **Goal:** Measurable, time-bound goal
- **Strategy:** Action oriented activity to positively impact the topic area of focus and make progress on the goal

# Framing

- Gather different perspectives
- Consider disparities
- Next 5 years

# What we heard from the coalition

- Focused
- Measurable
- Actionable
- Messaging/Communication
  - To clinicians, stakeholder organizations, and the general population



# Plan Overview

- Prevention
- Screening & Early Detection
- Survivorship
- Childhood Cancer

# Plan Overview

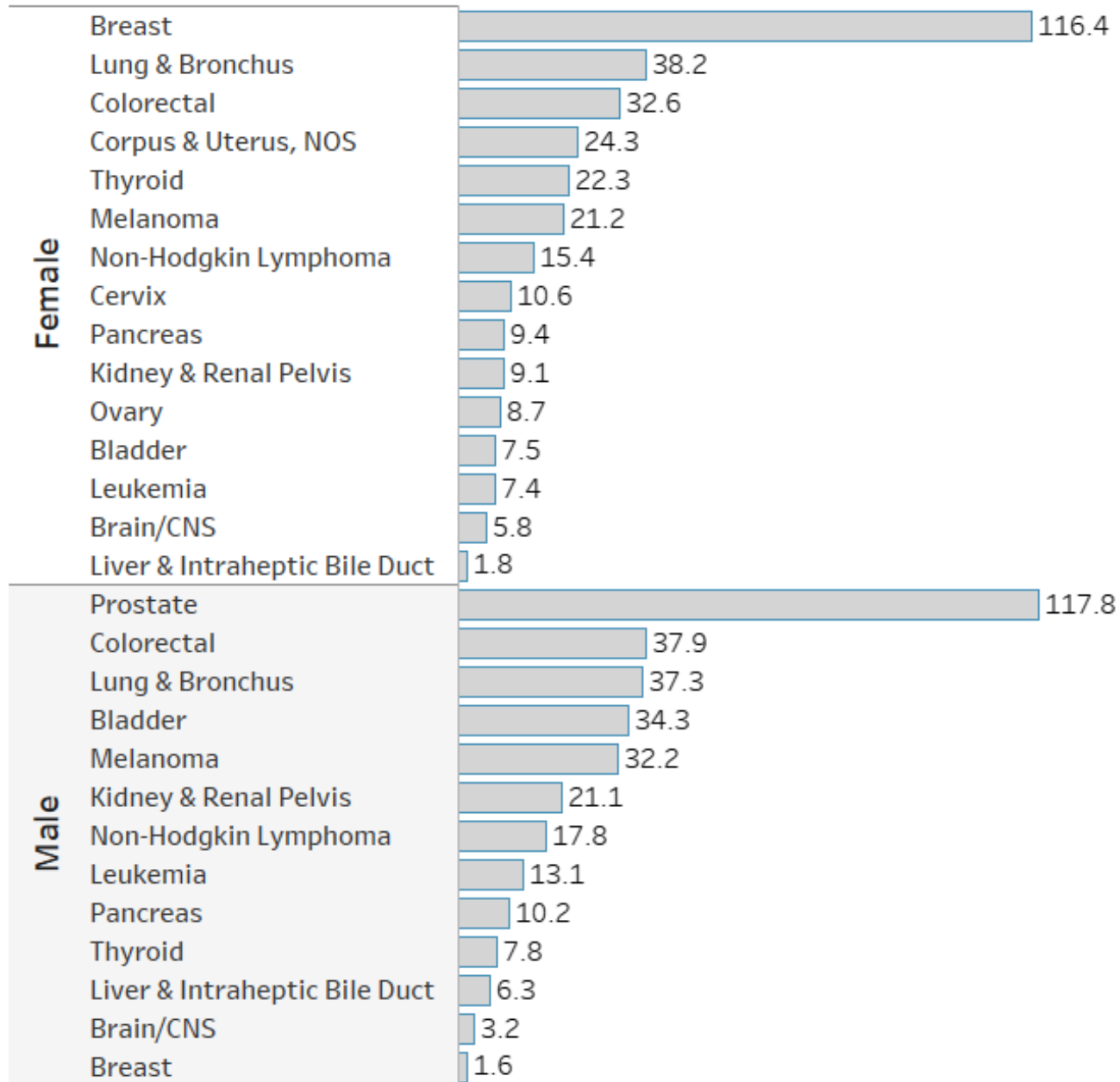
- **Prevention**
- Screening & Early Detection
- Survivorship
- Childhood Cancer

# Definition

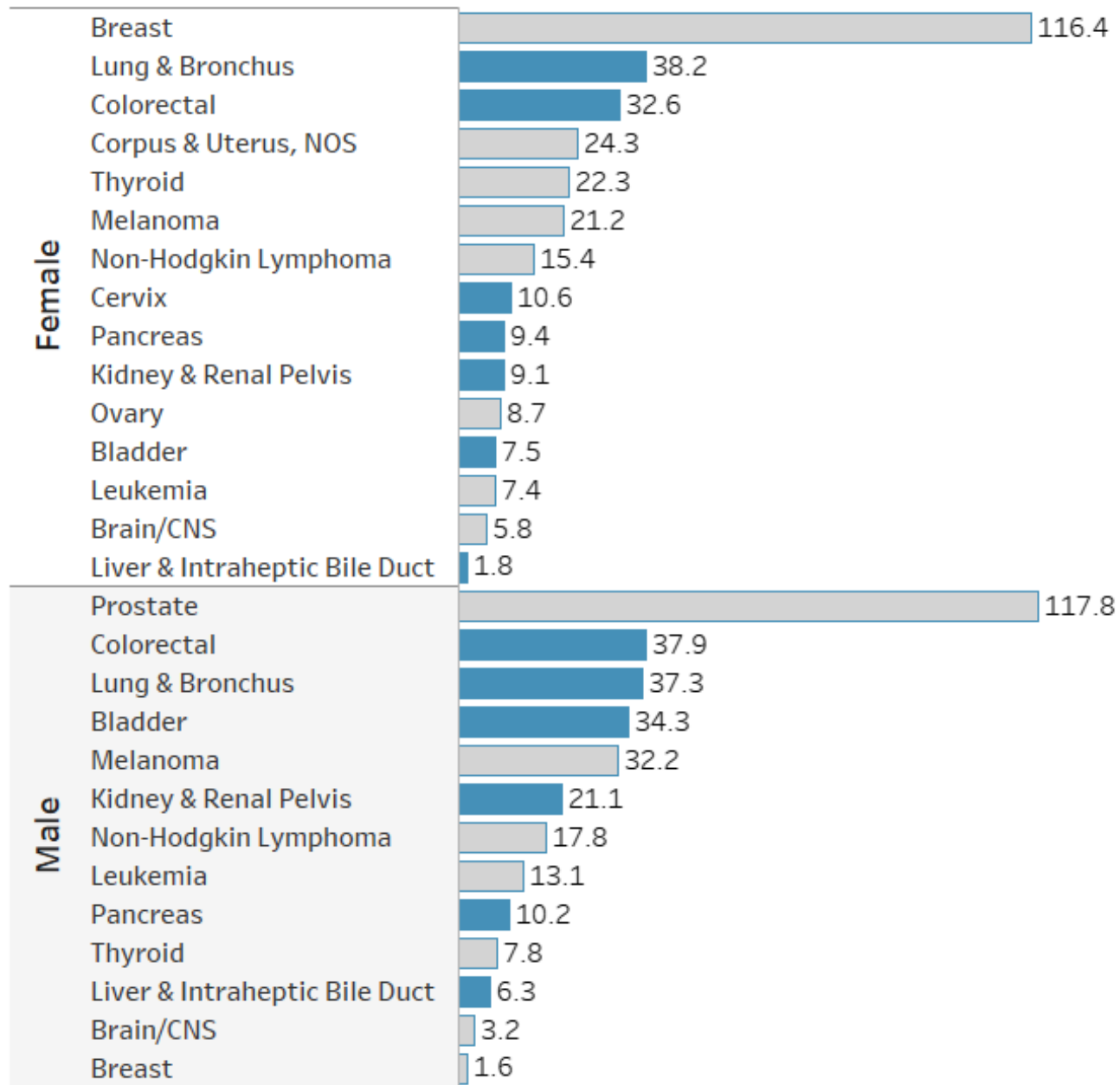
- **Prevention**
  - Primary prevention decreases the chance of getting a disease

# Topics Overview

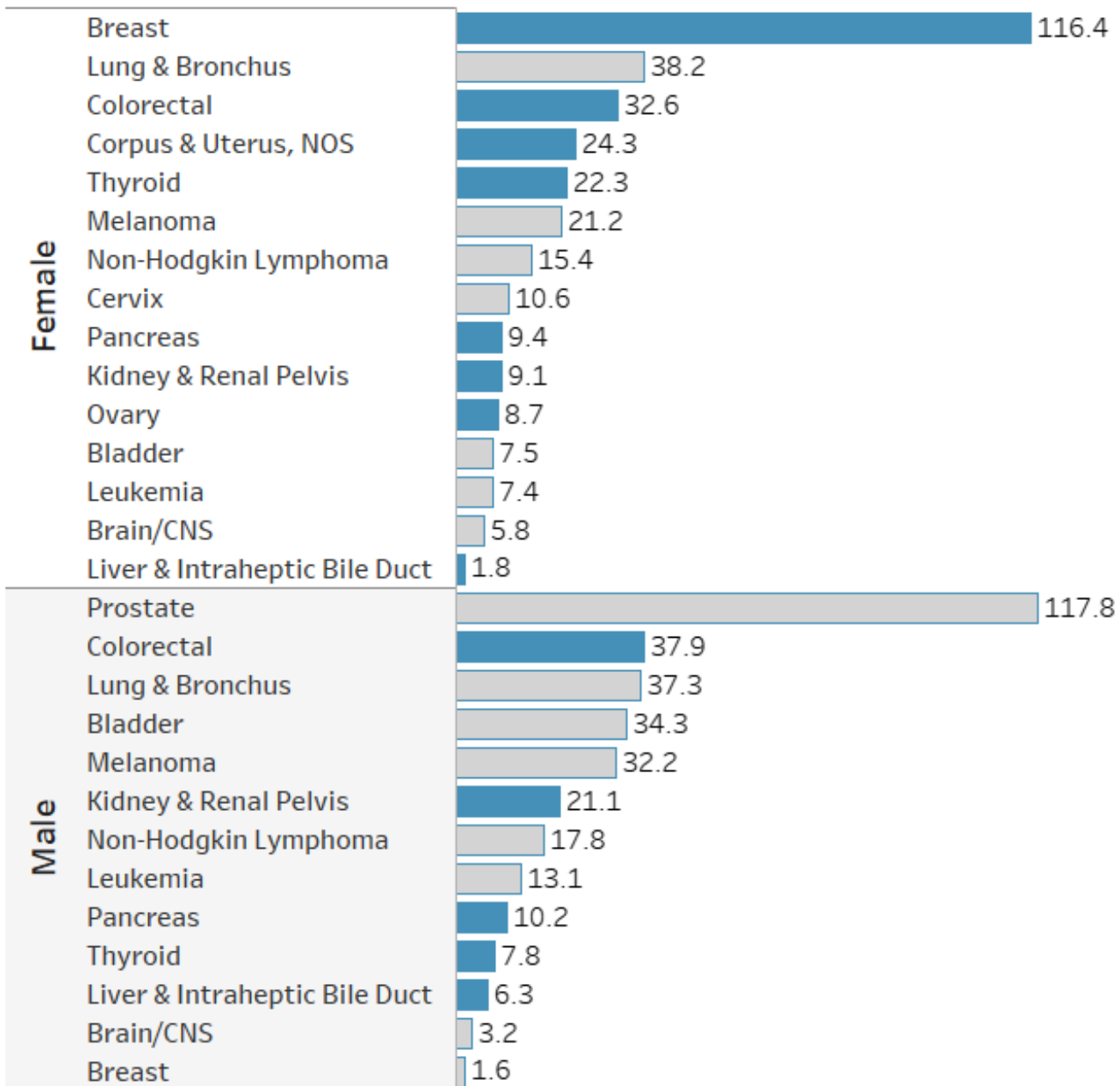
- **Prevention Topics:**
  - Tobacco Use
  - Radon testing
  - Skin Cancer
  - HPV vaccine
  - Obesity



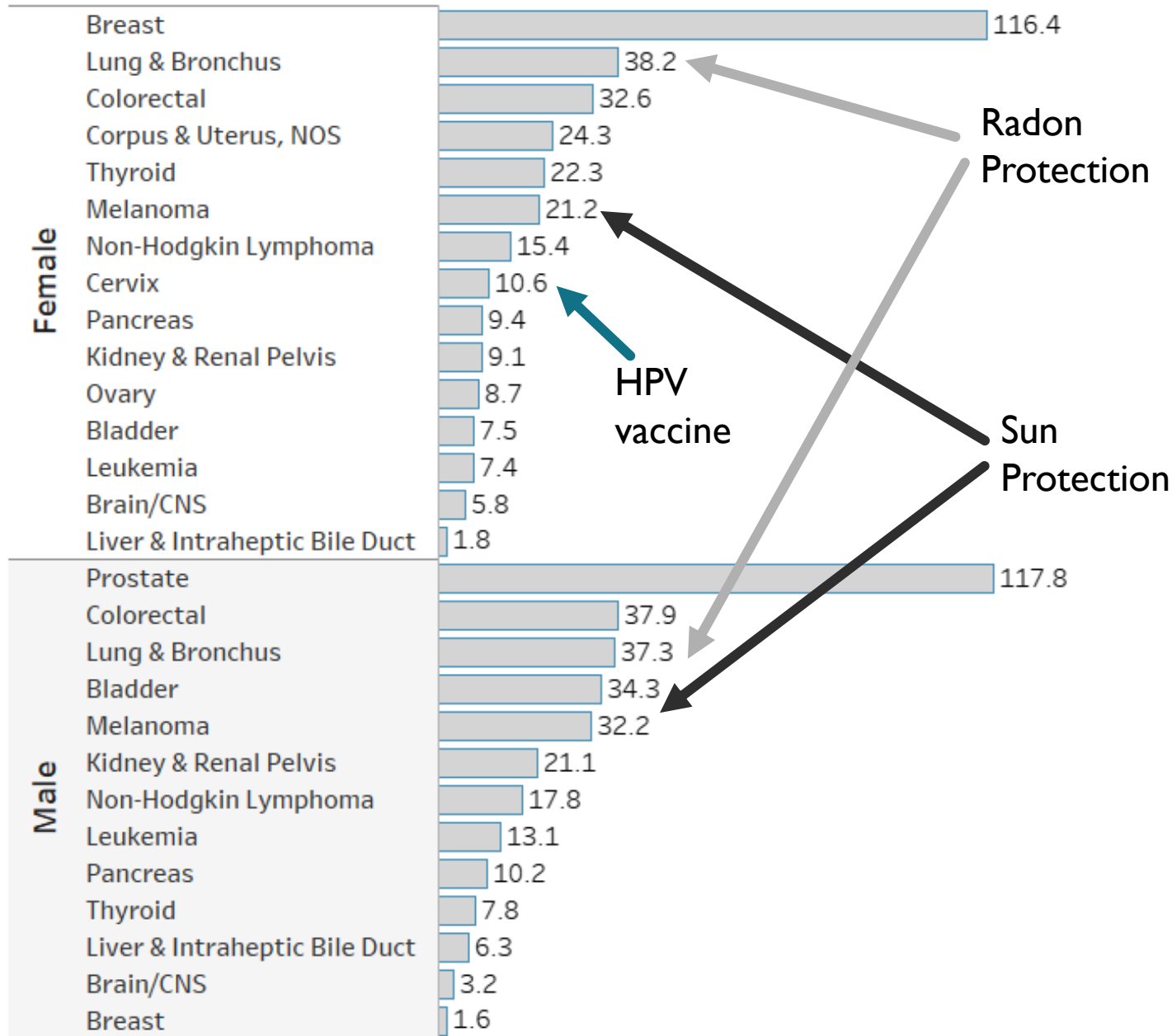
# Top Cancers in Wyoming, Overview



# Cancers Associated with Tobacco Use



# Cancers Associated with Obesity



# Top Cancers in Wyoming, Overview



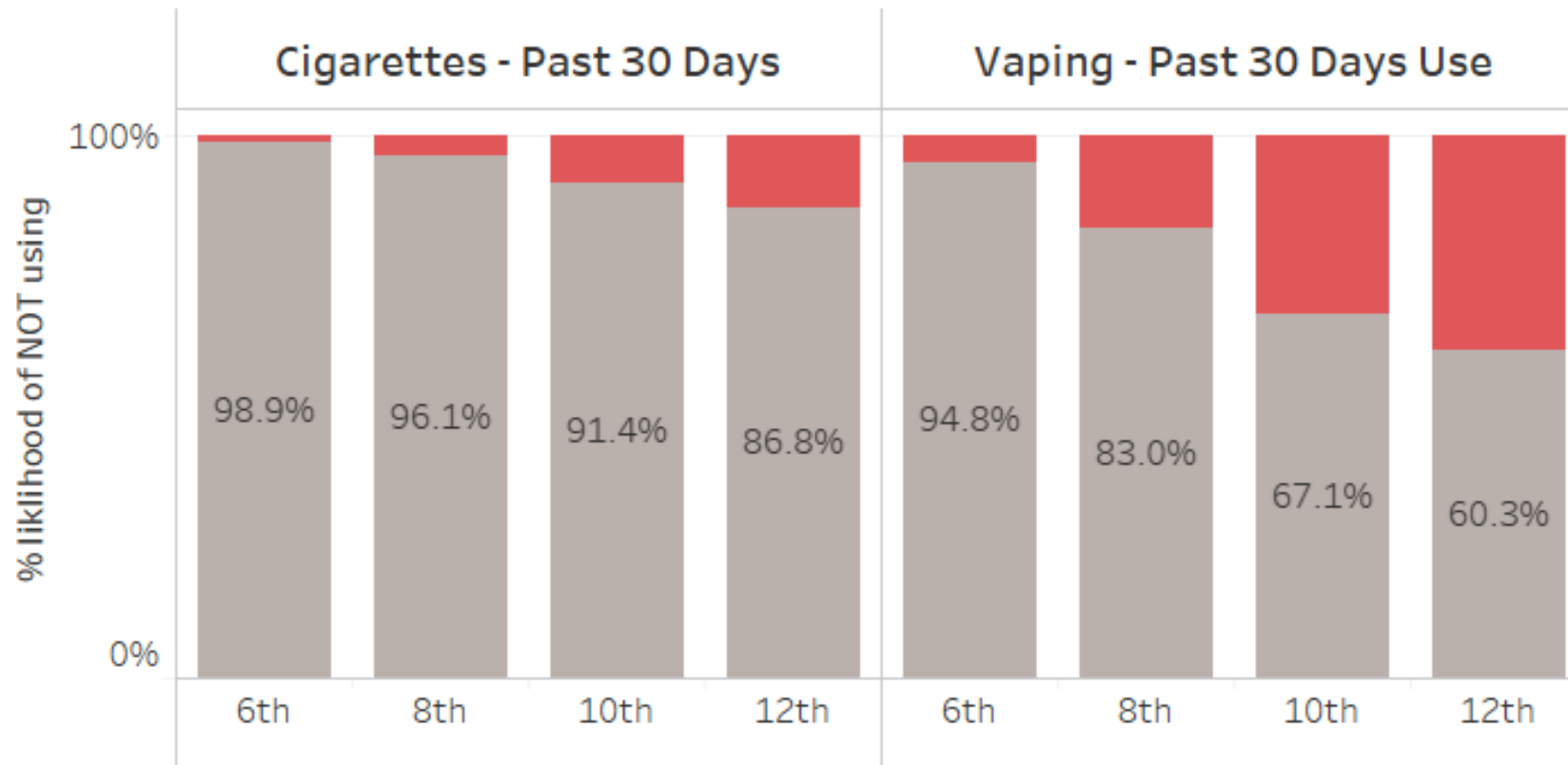
# Data | Youth Tobacco Use

	Smoked in the past 30 days	Vaping in the past 30 days
No	93.6%	76.9%
Yes	6.4%	23.1%

\*Among both males and females, all grade levels

# Data | Youth Tobacco Use

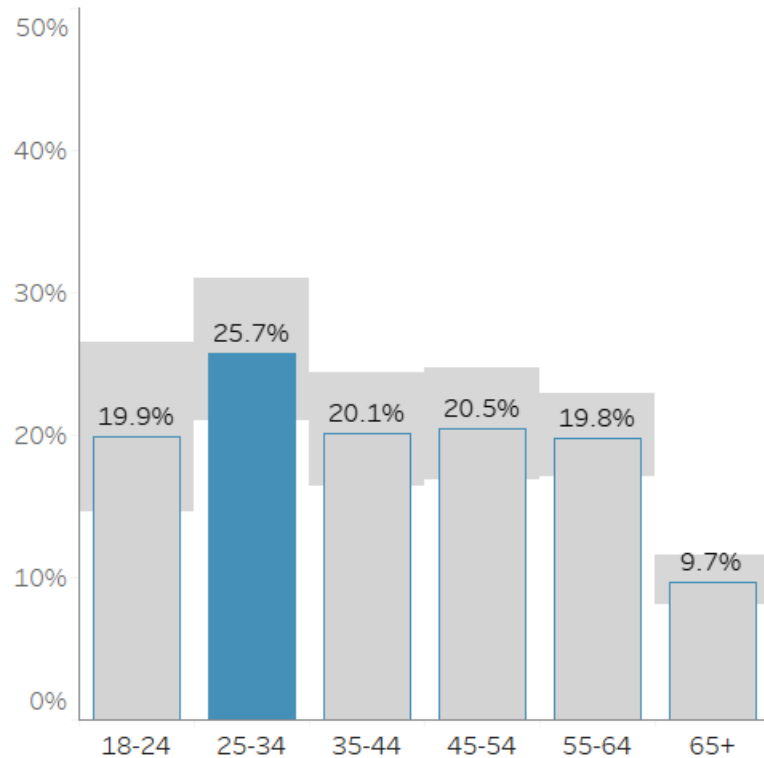
Age increases likelihood of smoking, but GREATLY increases likelihood of vaping



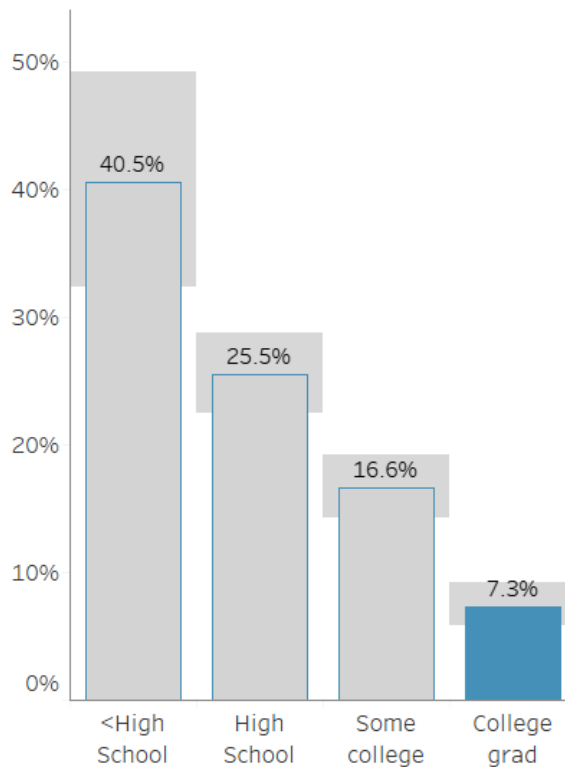
# Data | Current Adult Smokers

**18.8%** of WY men & women smoke (US median- 17.1%)

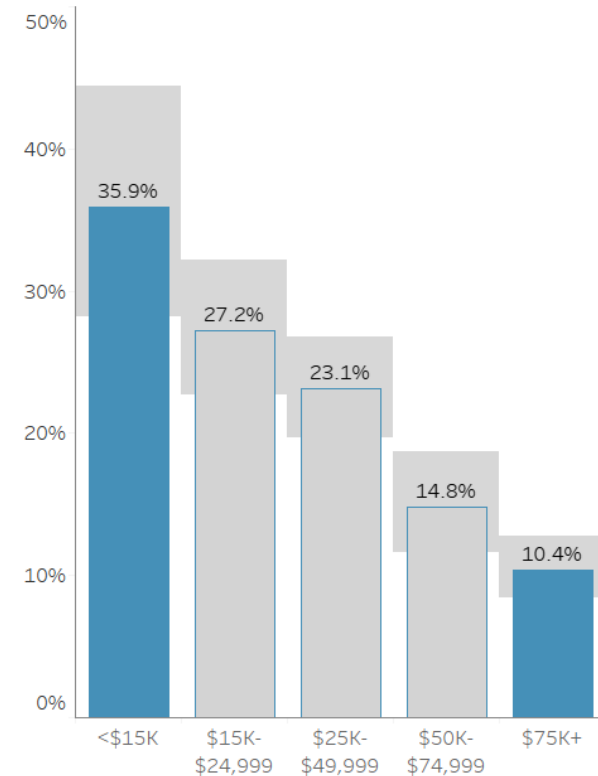
Current Smokers By Age



Current Smokers By Education



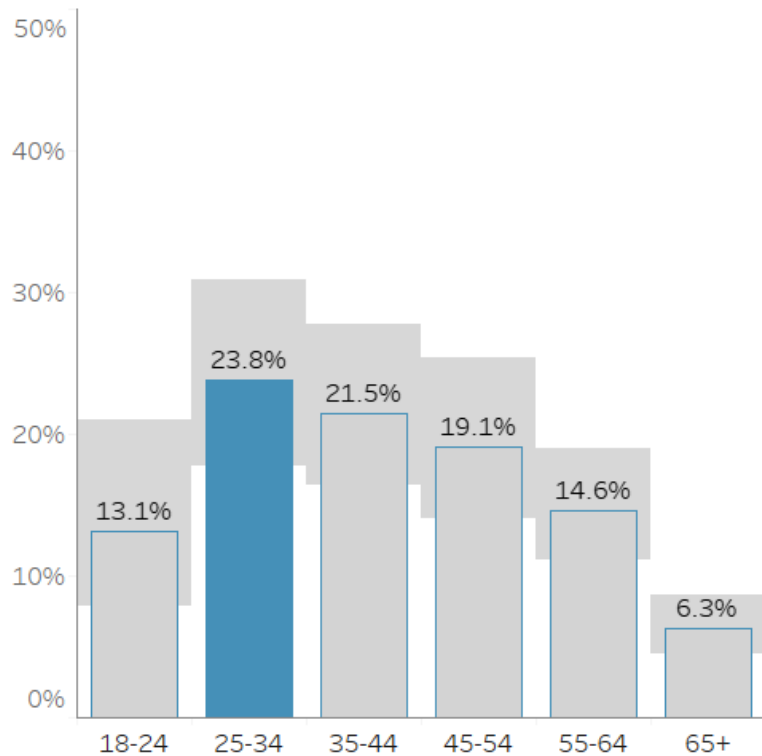
Current Smokers By Income



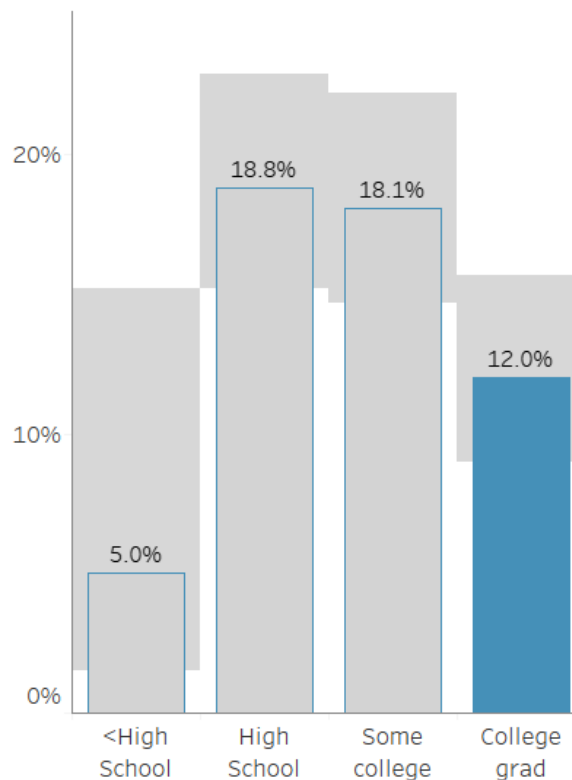
# Data | Current Male Smokeless Users

**16.2%** of WY men use smokeless tobacco (US median- 7.2%)

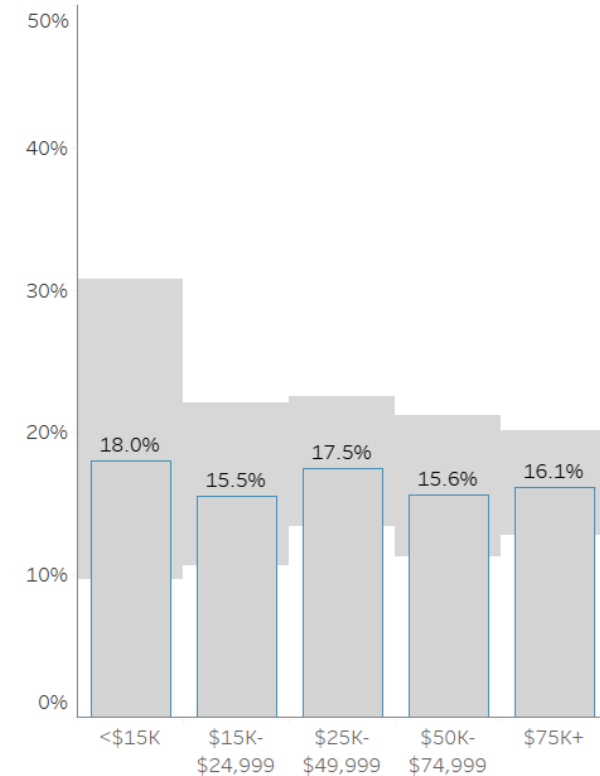
Current MALE smokeless tobacco users By Age



... By Education



... By Income

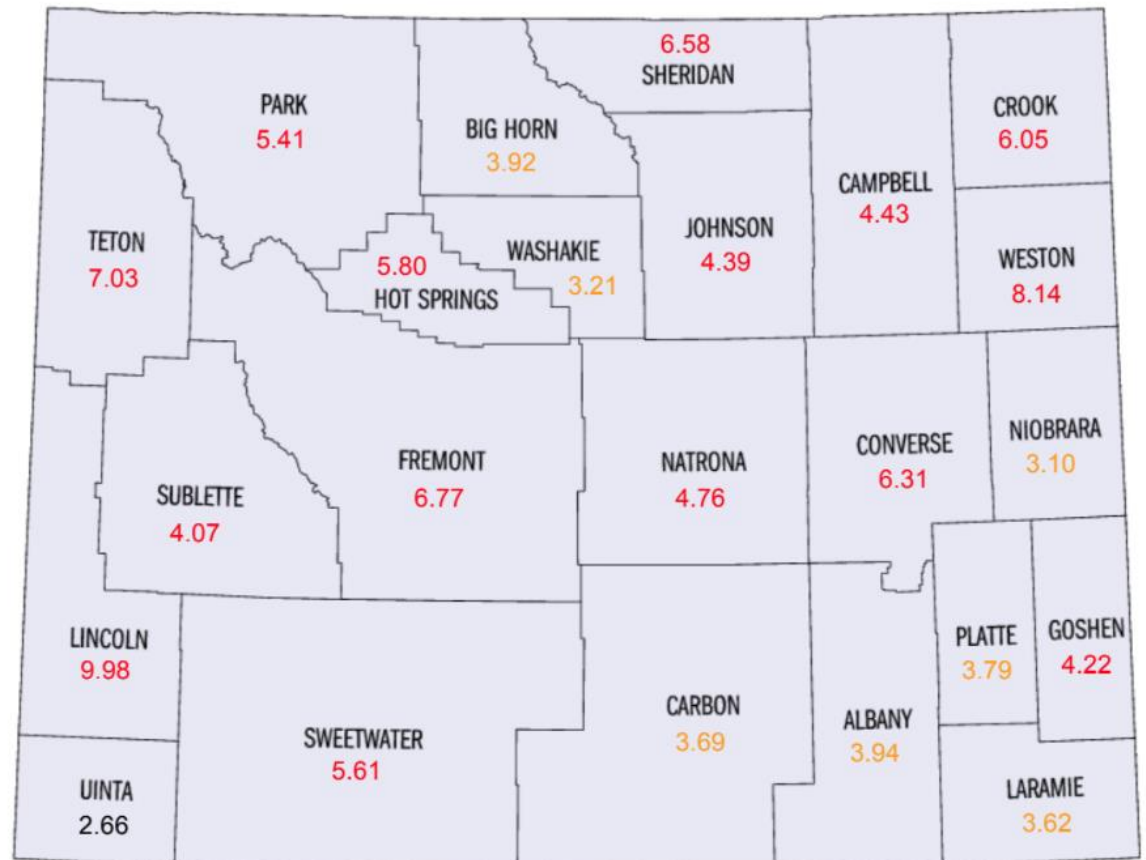


# Data | Radon

From Oct 2019- March 2020...

- 879 homes tested for radon
- 11 homes mitigated for radon

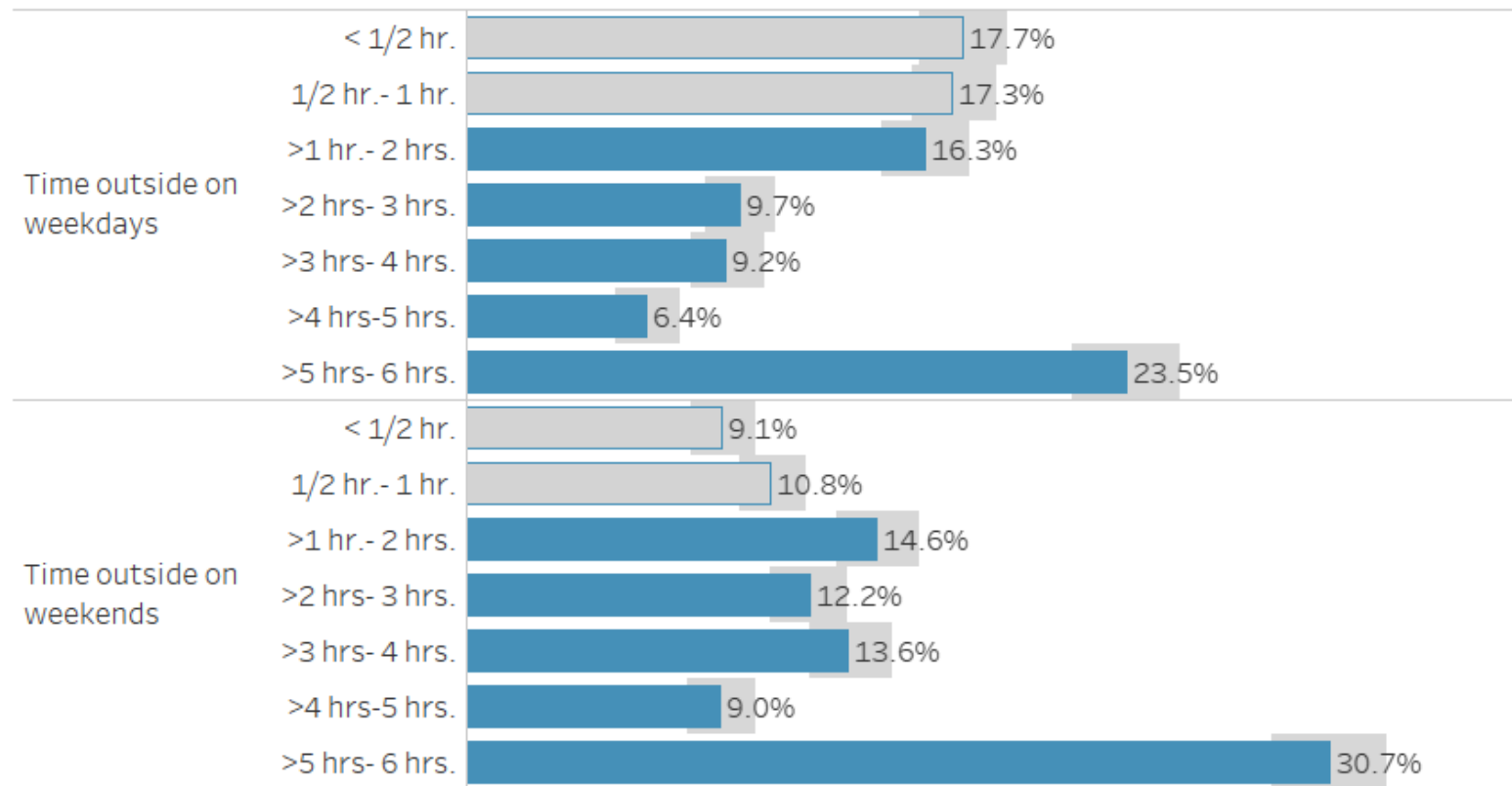
Average radon level results by county (pCi/L)



Results include 31,897 tests from Aircheck (since 1991) and Alpha Energy (since 2001) completed in Wyoming. All tests are self-reported, pre-mitigation, air tests. County calculations are based on self-reported zip code.

# Data | Skin cancer prevention

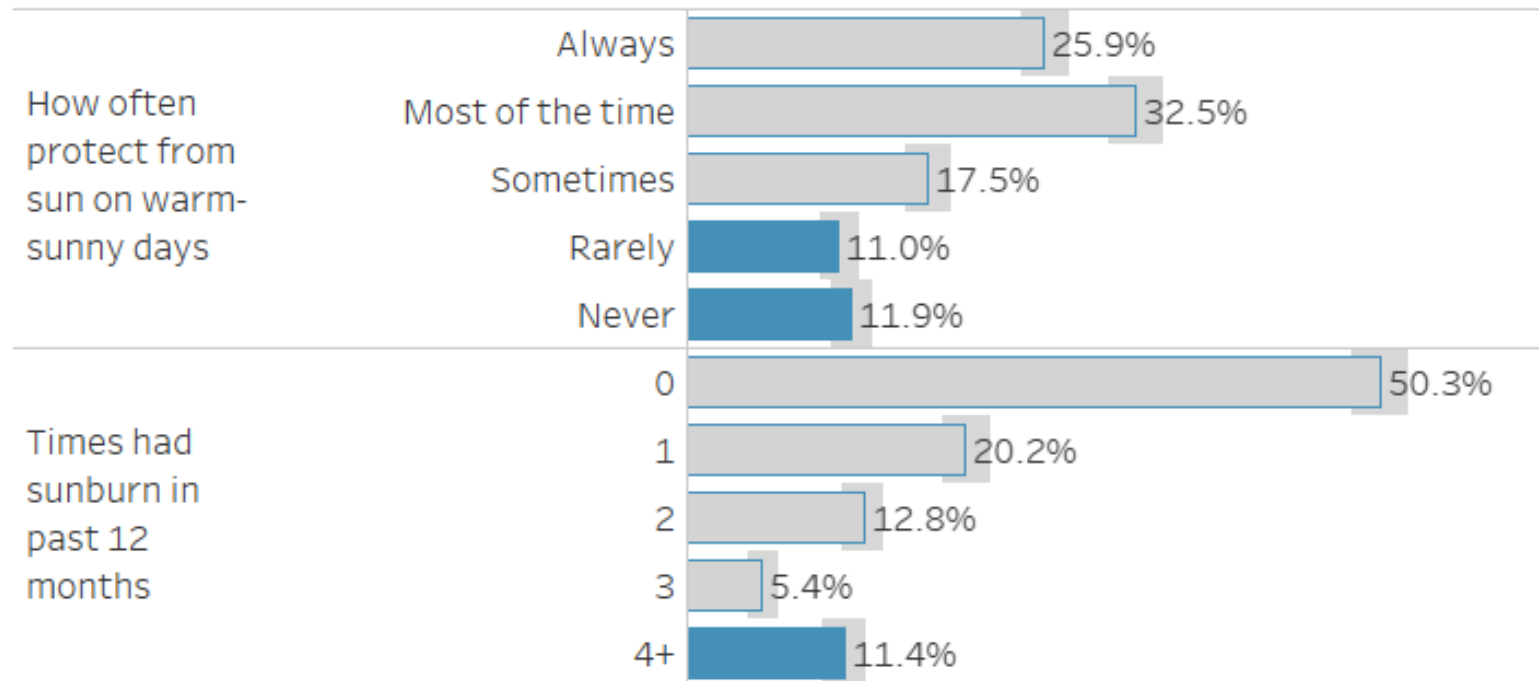
## Exposure to 1+ hours of sun in the summer



65% of WY residents are exposed to over an hour of sun on weekdays, and 80% on weekends.

# Data | Skin cancer prevention

## Sun protection & sun burns



23% rarely or never wear sun protection, and 50% have had at least one sunburn in the past year.

# Data | HPV vaccination

**Start Talking Early**  
Ages 9-10  
2 doses



**On Time**  
Ages 11-12  
2 doses



**Late**  
Ages 13-14  
2 doses



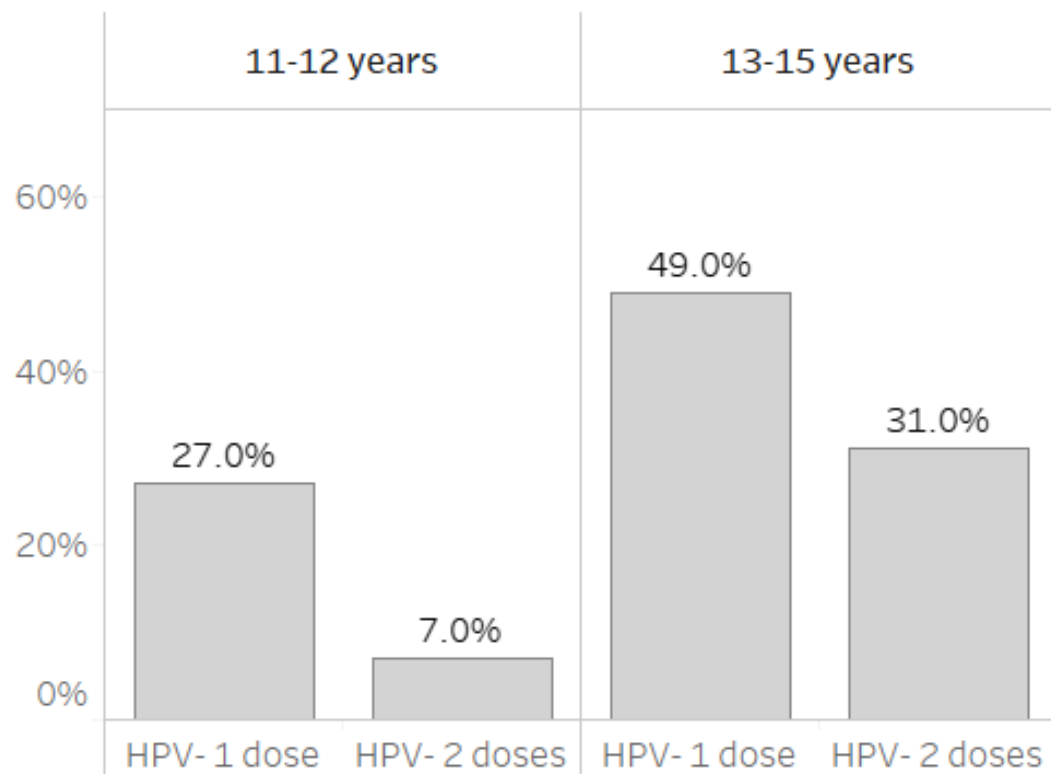
**Late**  
Ages 15-26  
**3 doses**



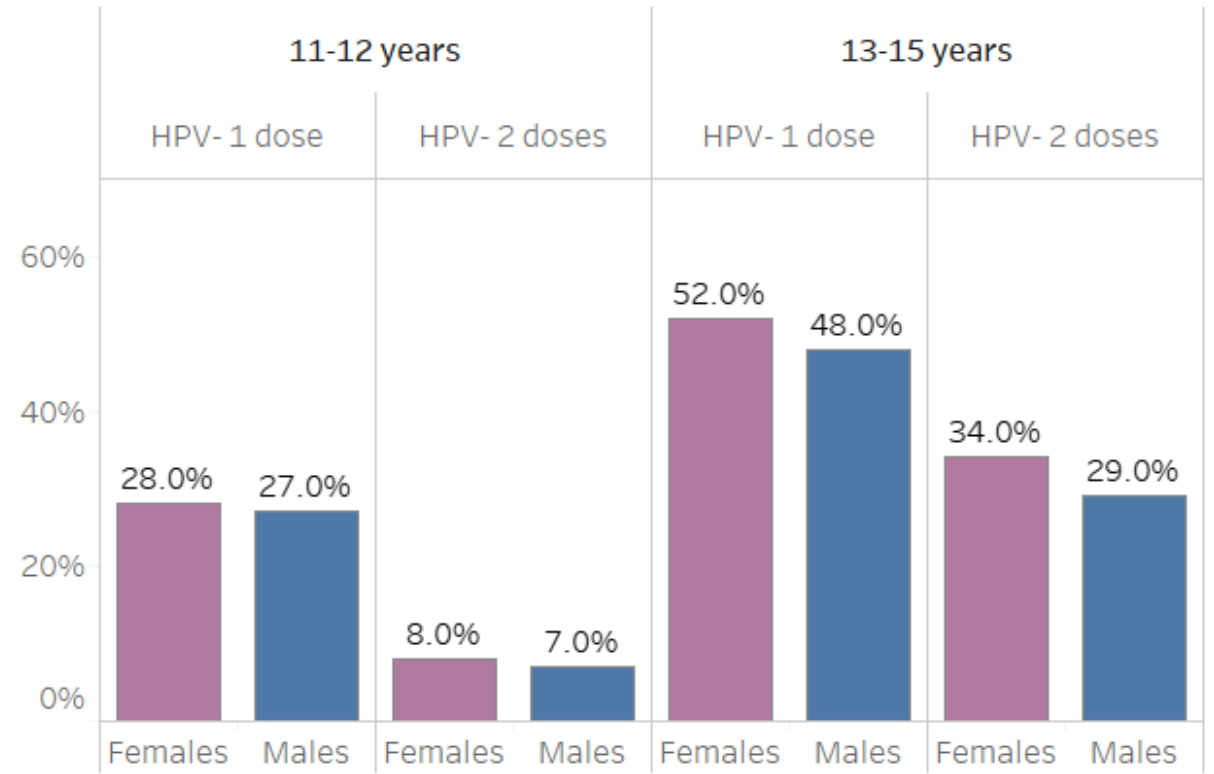


# Data | HPV vaccination

## HPV vaccination completion by age group



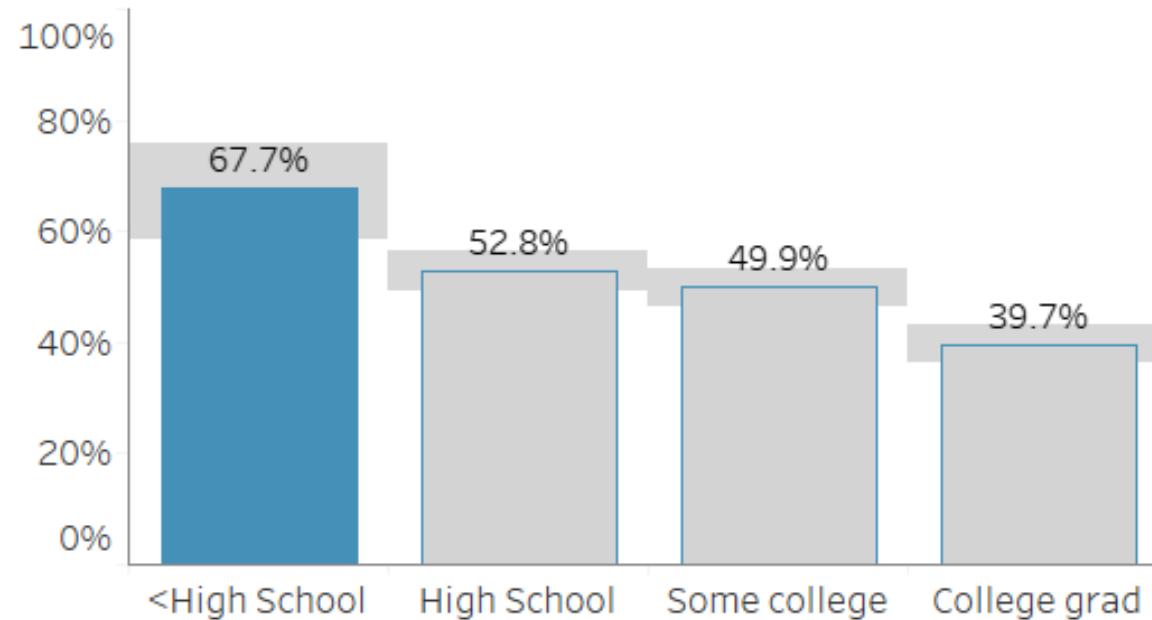
## Differences in HPV vaccine completion between males and females are minimal



# Data | Physical Activity

**49.7%** of Wyoming residents are NOT meeting physical activity recommendations

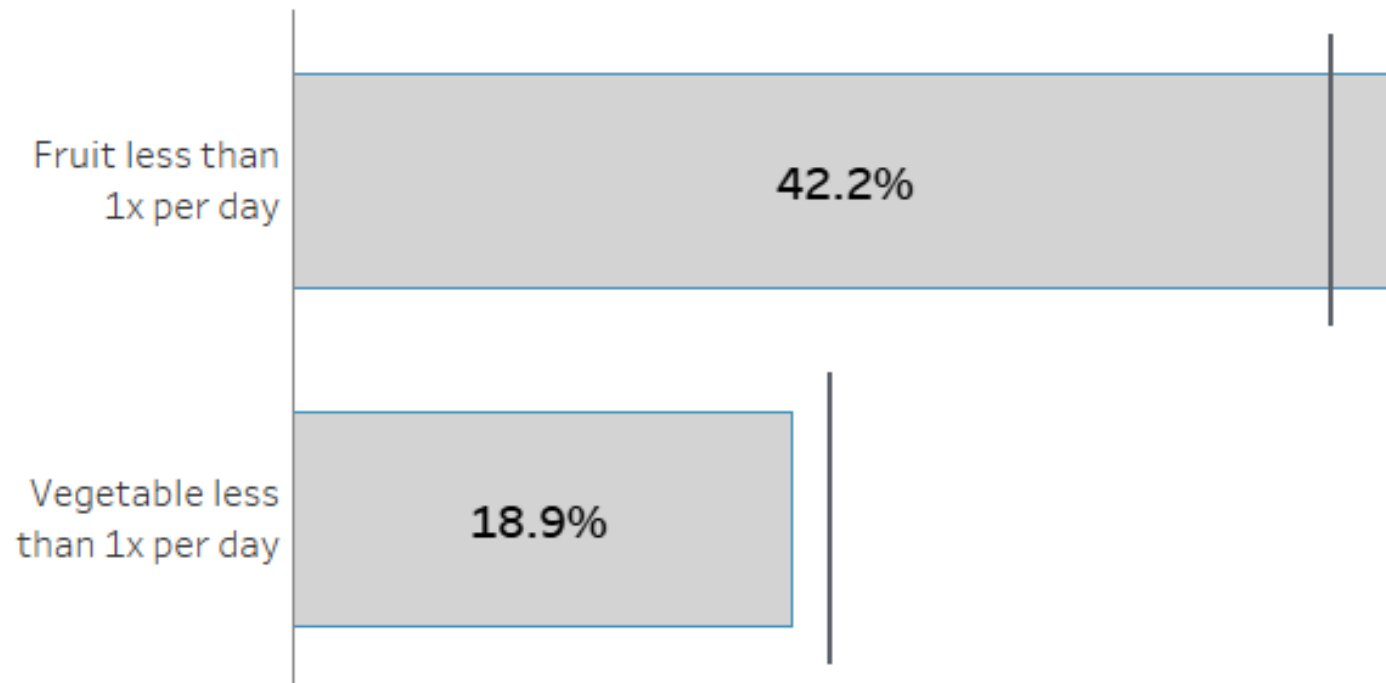
Not meeting PA guidelines By Education



# Data | Nutrition

## Poor Nutrition (ate <1 fruit or vegetable per day)

*Lower numbers are better*

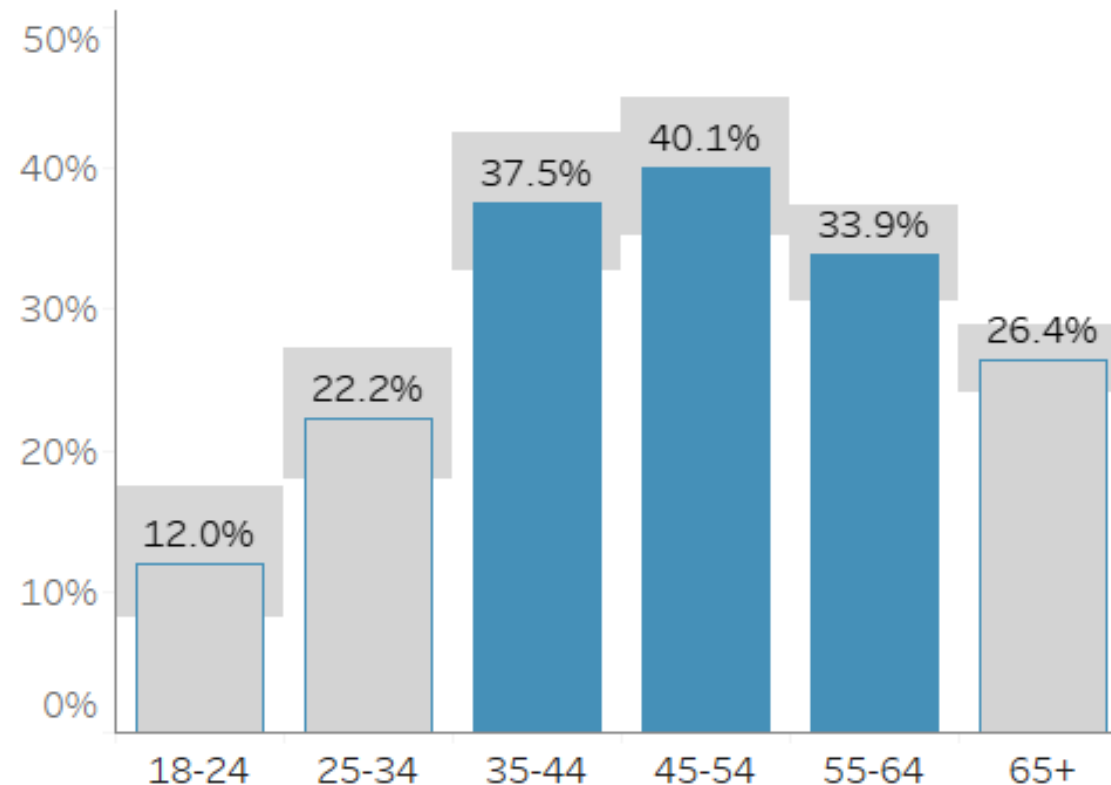


# Data | Obesity

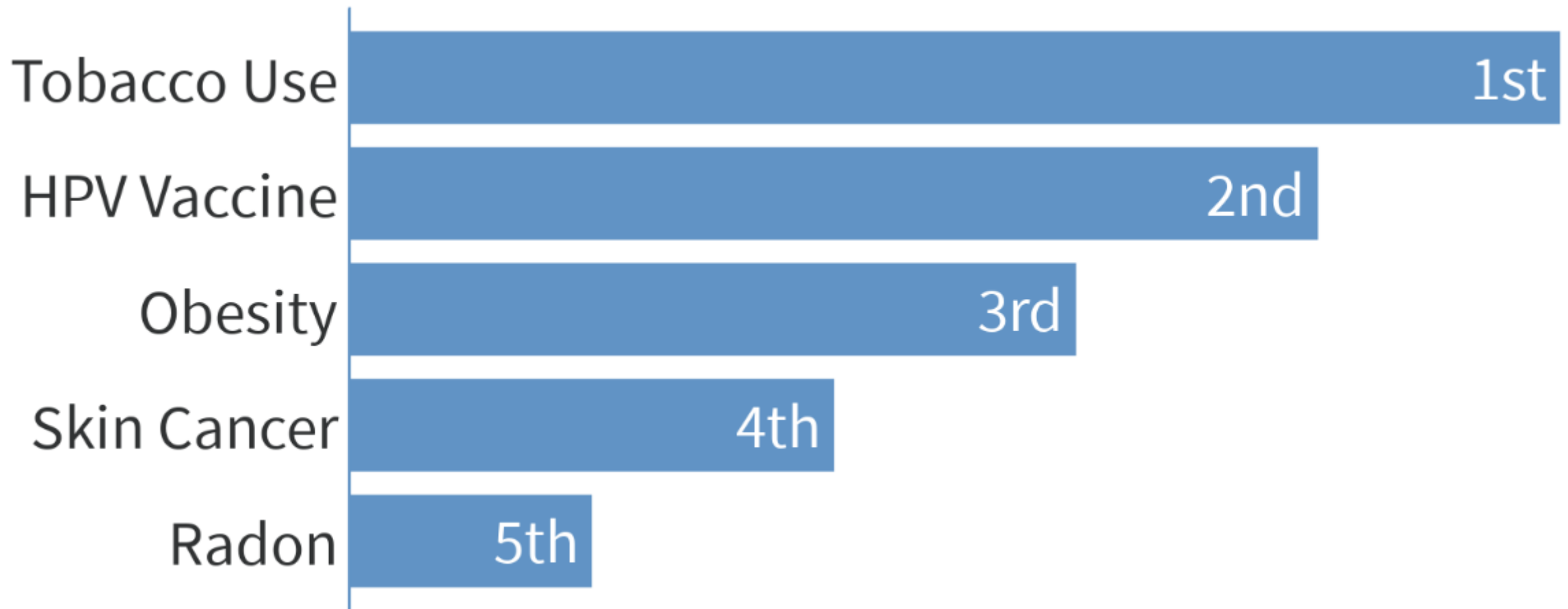
**29.0%** of Wyoming residents are obese

*U.S. Median = 30.9%*

**Obesity By Age**



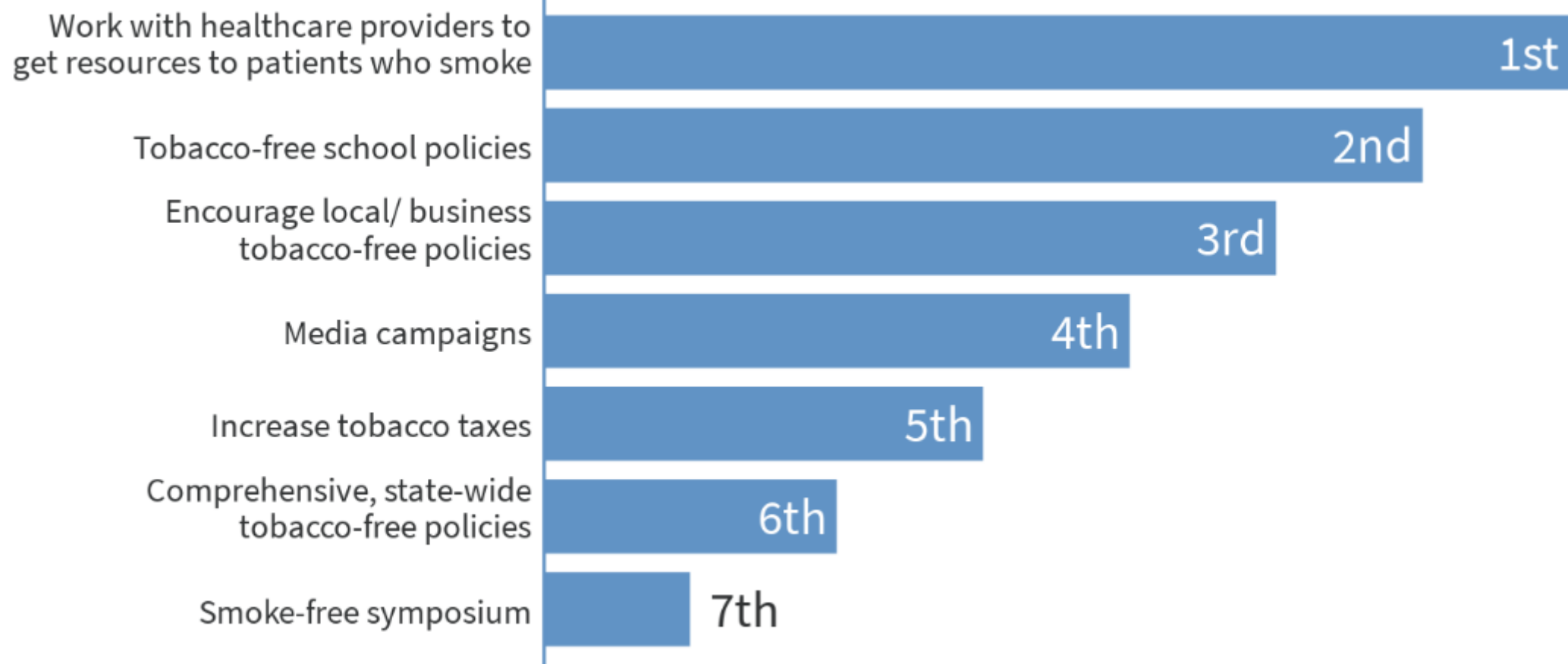
# Goals: Prevention



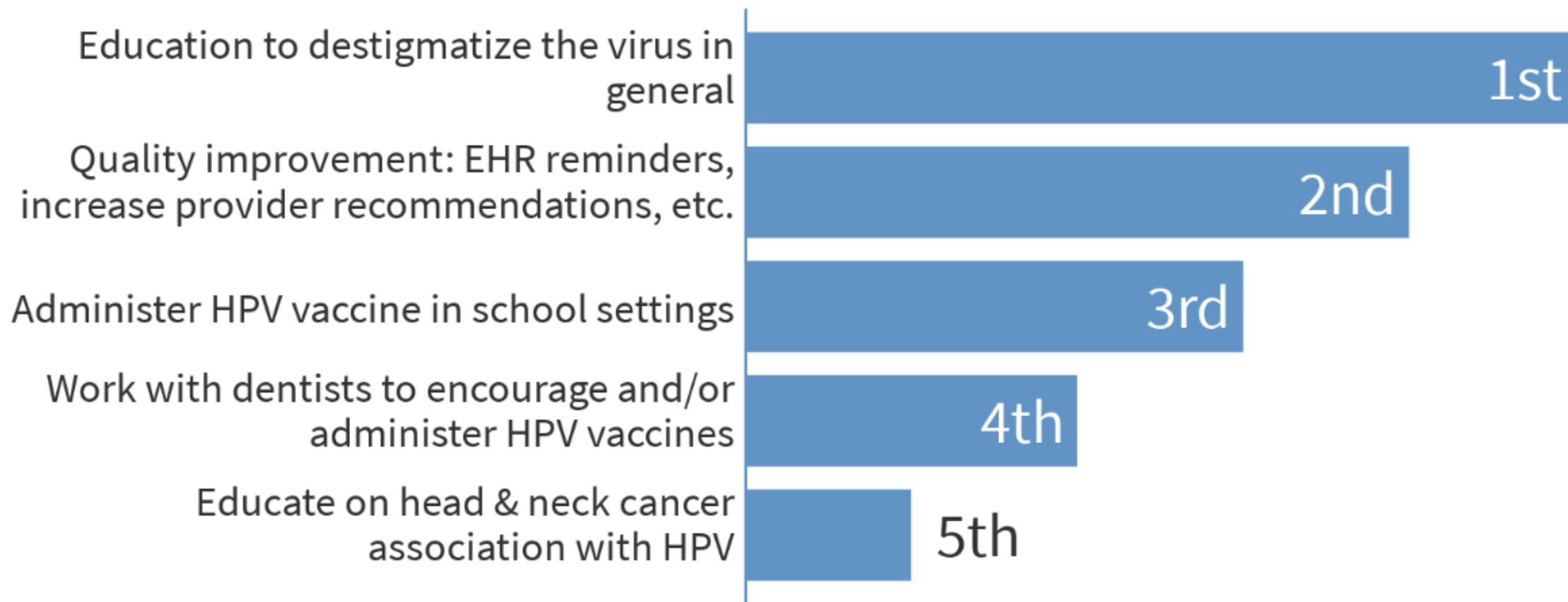
# Strategies

- **For consideration:**
  - Evidence-based
  - Feasibility
  - Aligns with partner priorities
  - Impact/reach
  - Addresses disparities

# Strategies | Tobacco Use



# Strategies | HPV vaccine





# Strategies | Obesity

- See discussion notes

# Strategies | Skin Cancer

- Not discussed

# Strategies | Radon

- Not discussed

# Next Steps

## **Prevention (including HPV)**

***8:30 to 10:00 am***

Wednesday, September 30th

Zoom:

<https://us02web.zoom.us/j/82484057188>

Dial in: 1 (253) 215-8782

Meeting ID: 824 8405 7188

## **Screening and Early Detection**

***10:30 am to noon***

Wednesday, September 30th

Zoom:

<https://us02web.zoom.us/j/88270636121>

Dial in: 1 (253) 215-8782

Meeting ID: 882 7063 612

## **Survivorship**

***1:00 to 2:30 pm***

Wednesday, September 30th

Zoom:

<https://us02web.zoom.us/j/82796048581>

Dial in: 1 (253) 215-8782

Meeting ID: 827 9604 8581

## **Childhood Cancer**

***3:00 to 4:30 pm***

Wednesday, September 30th

Zoom:

<https://us02web.zoom.us/j/89087245830>

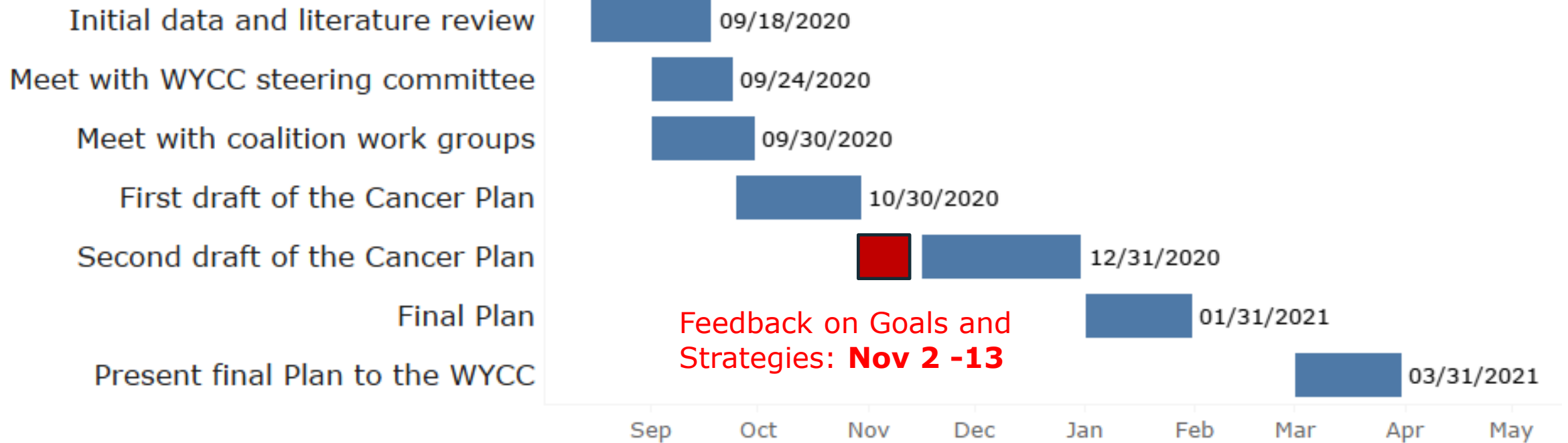
Dial in: 1 (253) 215-8782

Meeting ID: 890 8724 5830



ONE HEALTH  
**insights**

# Project Timeline



# Thank you!

Questions?

Megan Mackey

[megan.mackey@onehealthinsights.com](mailto:megan.mackey@onehealthinsights.com)

