

WYOMING CANCER PLAN

2021-2025



Thank you!

- WYCC Steering Committee
- WYCC Workgroup Members
- Wyoming Cancer Program
- Story Contributors
- Everyone who contributed to the Plan

WYCC Mission

To develop and implement a collaborative and comprehensive approach to address cancer prevention, early detection, access to healthcare, diagnosis and treatment, and quality of life services to lessen the impact of cancer in Wyoming.

The
“Why?”

Wyoming Cancer Plan

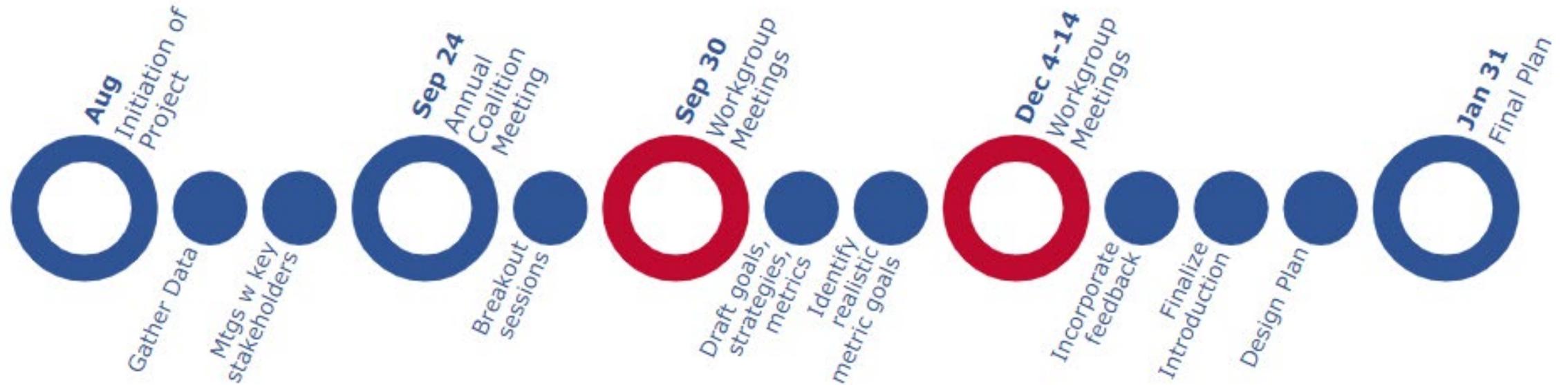
The Wyoming Cancer Plan is a **strategic plan** which challenges stakeholders from across the state to come together to reduce the burden of cancer.

The
“How?”

Wyoming Cancer Plan Updates

- Align goals with evidence-based strategies
- Address disparities in Wyoming
- Build on past successes
- Highlight key priority populations
- Focus on feasible implementation
- Measurable & data-driven

The Development of the Plan



Overview



Prevention

Goal 1: Decrease tobacco and e-cigarette use

Goal 2: Increase HPV vaccination completion among adolescents

Goal 3: Increase healthy eating and physical activity behaviors



Early Detection & Screening

Goal 4: Increase screening rates for breast, cervical, and colorectal cancers

Goal 5: Decrease proportion of lung cancer diagnoses at late stage by increasing screening



Survivorship

Goal 6: Improve resources for cancer survivors

Goal 7: Increase training and knowledge for cancer care providers and primary care providers related to cancer treatment and long-term care needs



Childhood Cancer

Goal 8: Expand resources for patients and families, including palliative care and end of life care

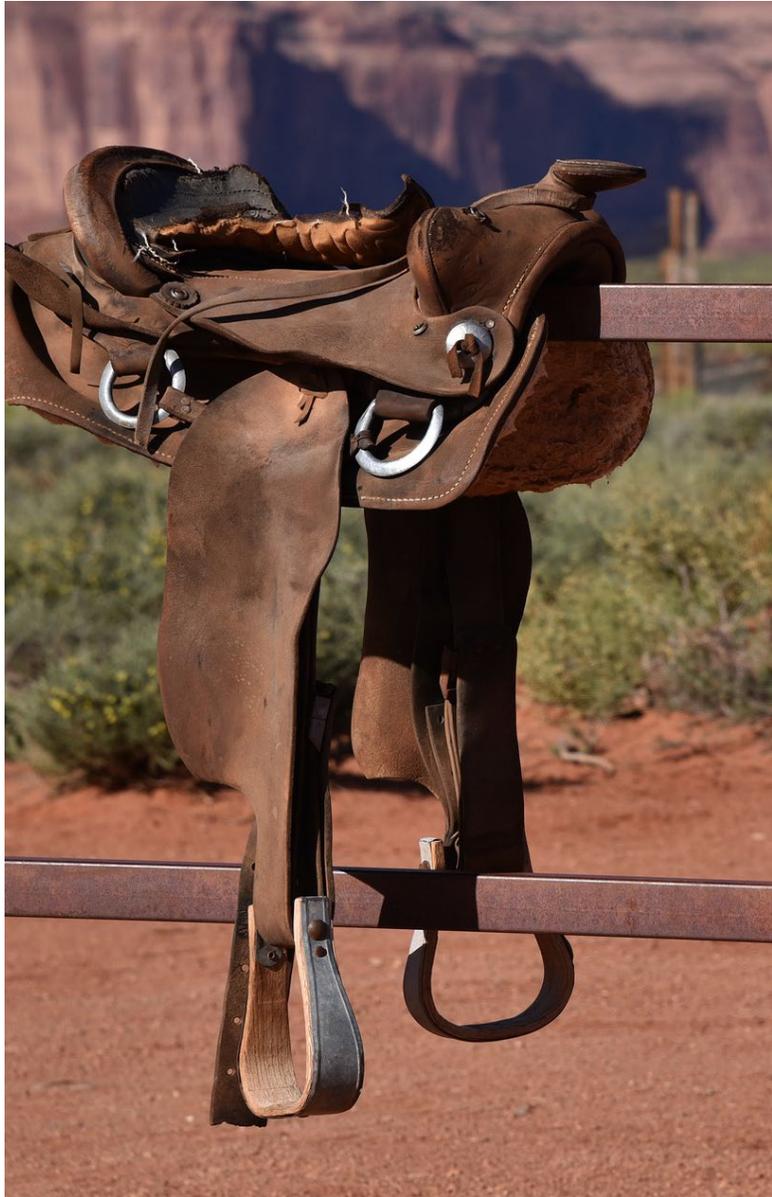
Goal 9: Provide didactic and hands-on training opportunities for healthcare providers related to childhood cancer and post-treatment survivorship needs



Coalition Infrastructure

Goal 10: Expand partnerships and stakeholder buy-in and participation

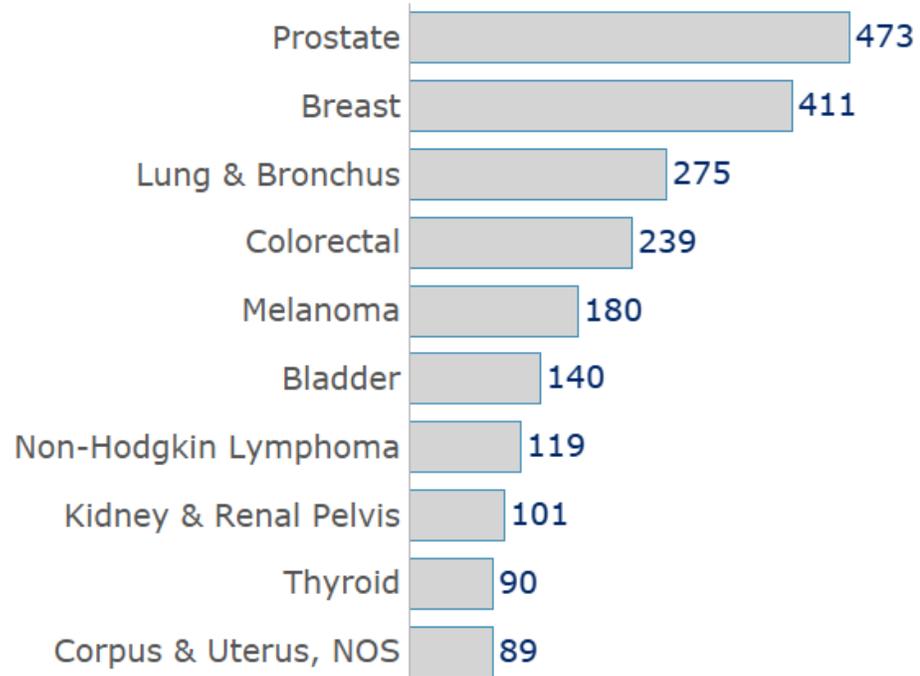
Goal 11: Improve financial stability of coalition



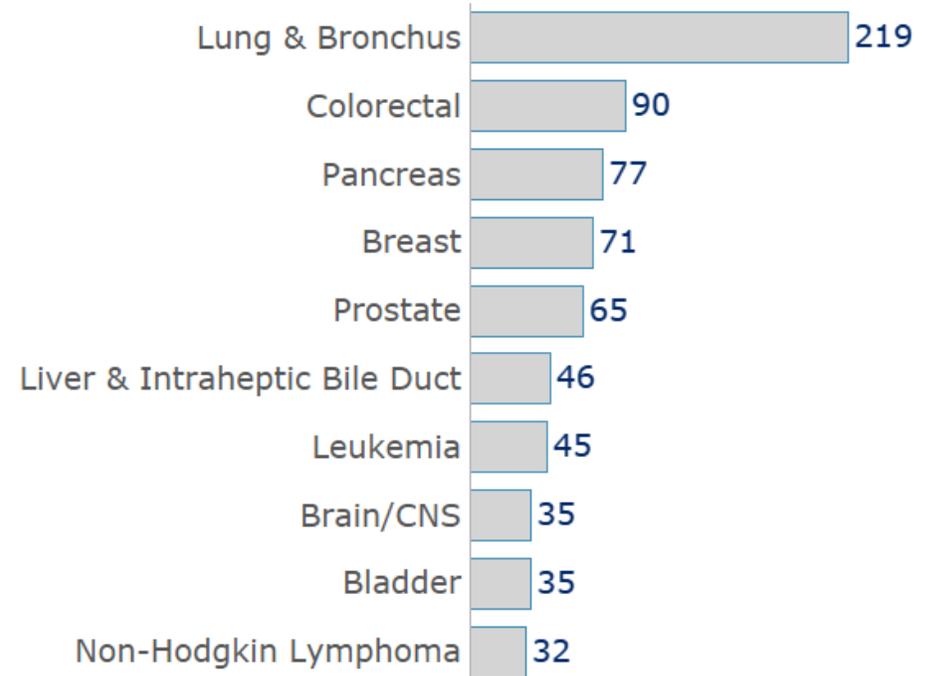
Prevention

Prevention

Number of **new cancer cases**, 2018



Number of **cancer deaths**, 2018

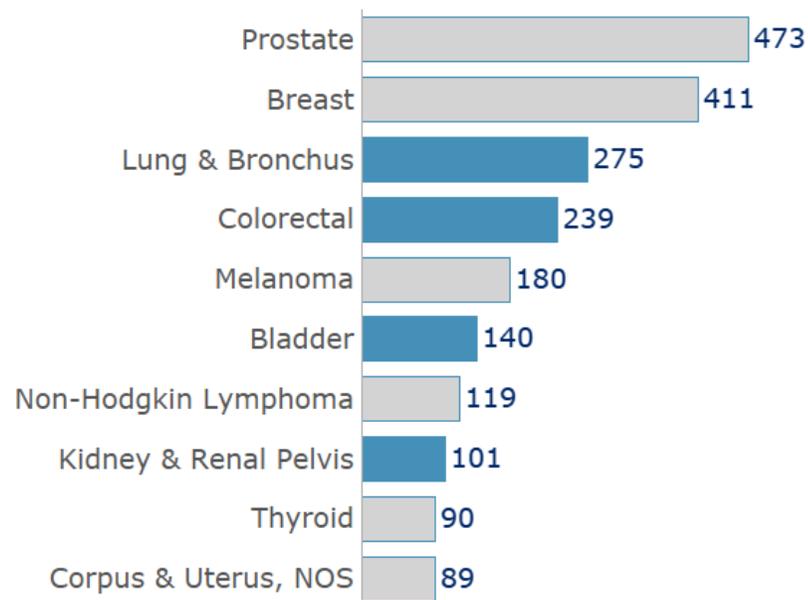


Prevention: Cancers Associated with Smoking

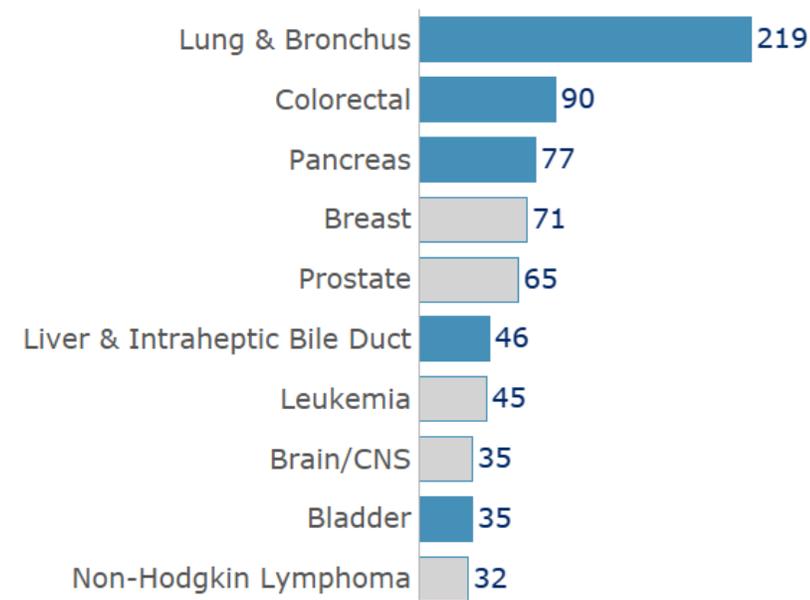
18.8% of adult Wyoming men and women smoke

~40% of Wyoming 12th graders reporting vaping in the past 30 days

Number of **new cancer cases**, 2018



Number of **cancer deaths**, 2018

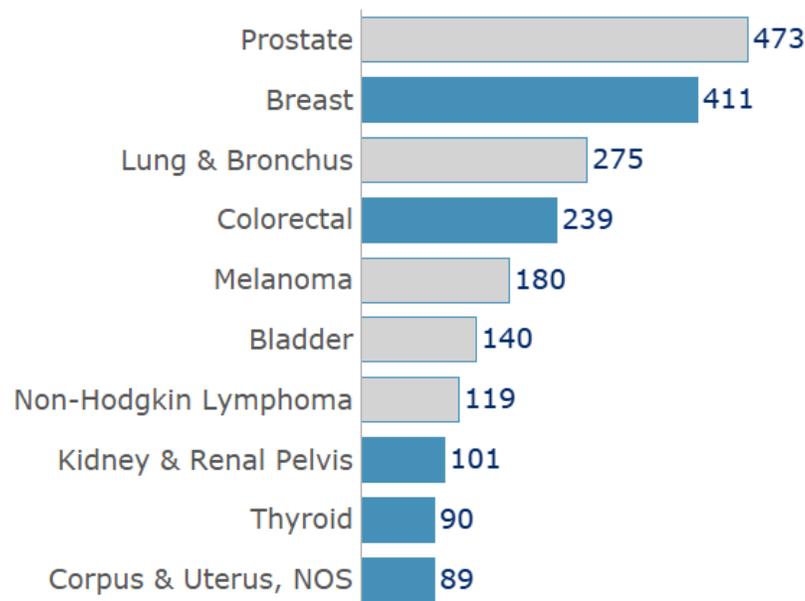


Prevention: Cancers Associated with Obesity

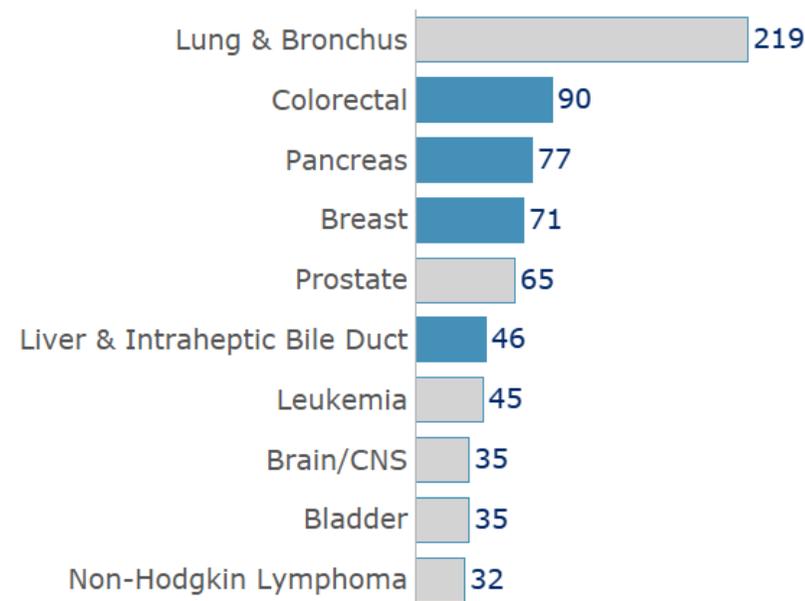
29.0% of adult Wyoming men and women are obese

~42% of Wyomingites eat <1 serving of fruit per day

Number of **new cancer cases**, 2018



Number of **cancer deaths**, 2018

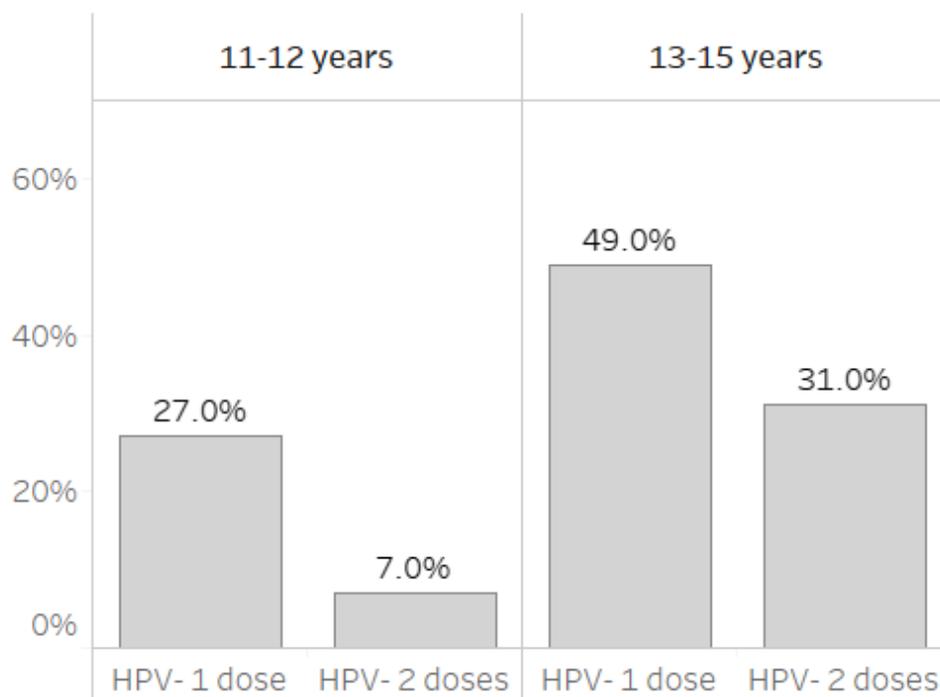


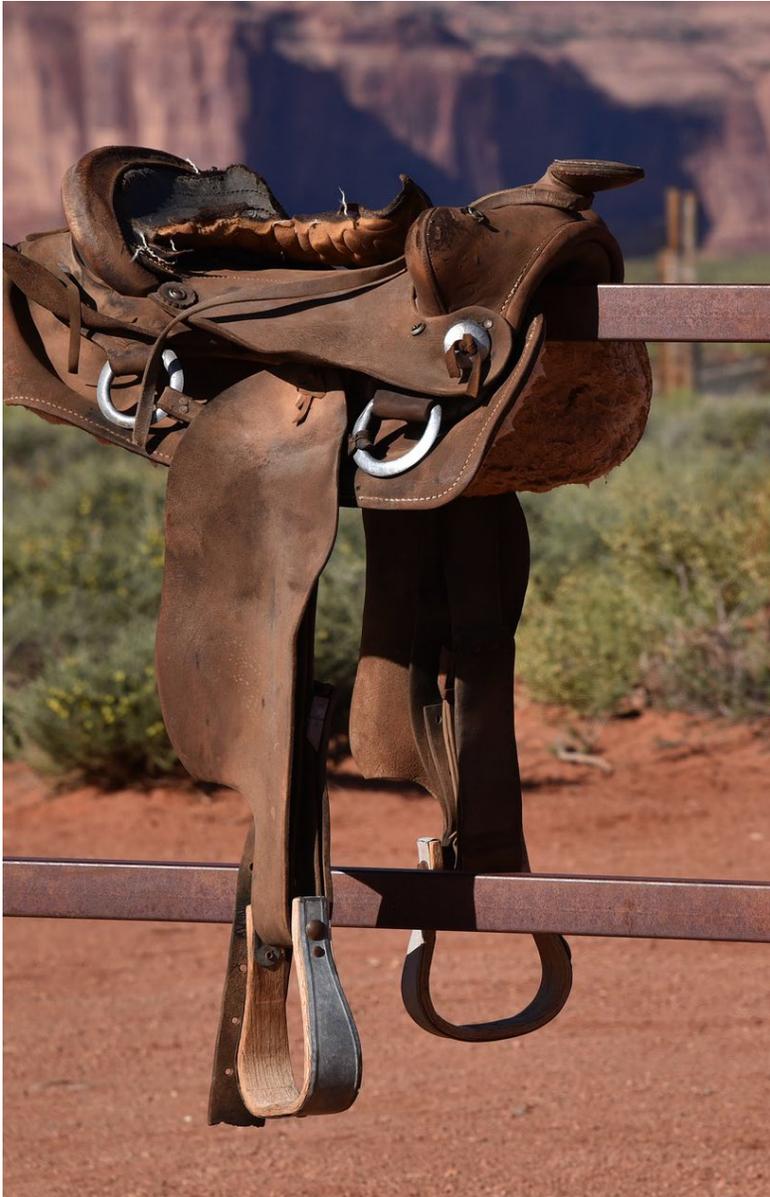
Prevention: Cancers Associated with HPV

Between 2014-18, there were **108** cervical cancers and **113** throat cancers diagnosed

Over **~90%** of cancers related to HPV can be prevented through vaccination

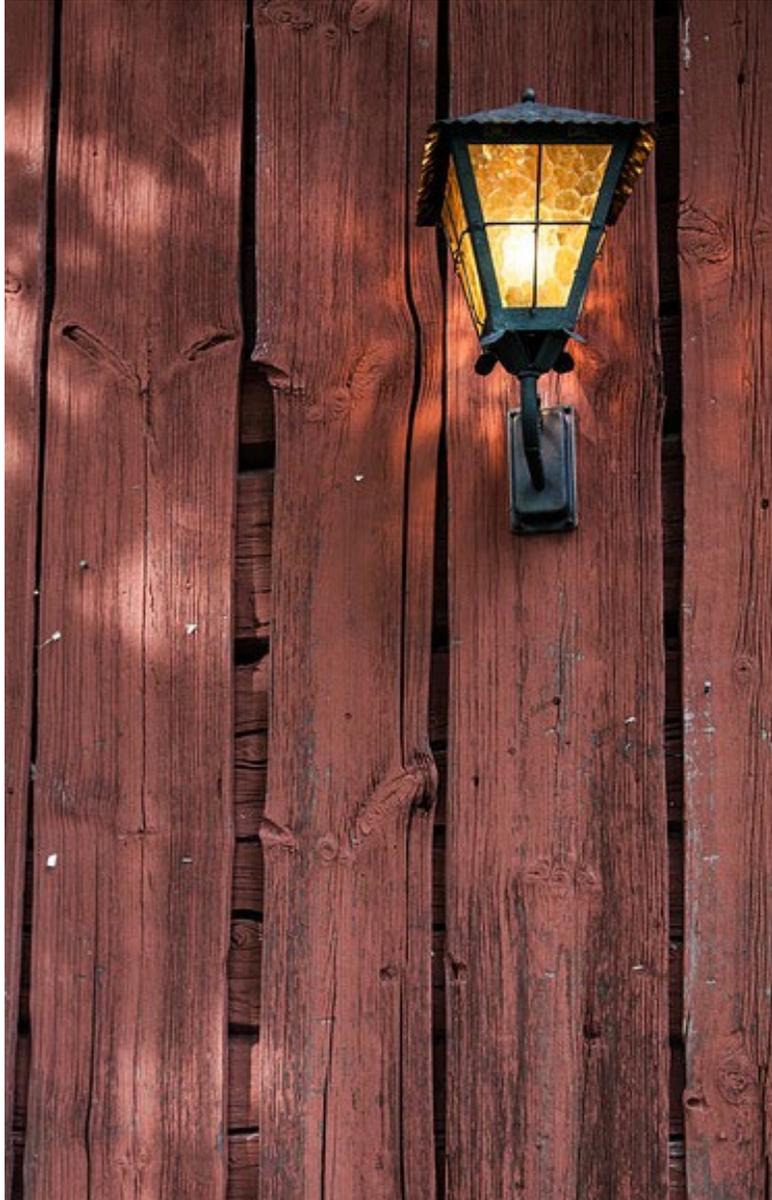
HPV vaccination completion by age group





Prevention

- **Goal 1:** Decrease tobacco and e-cigarette use
- **Goal 2:** Increase HPV vaccination completion among adolescents
- **Goal 3:** Increase healthy eating and physical activity behaviors



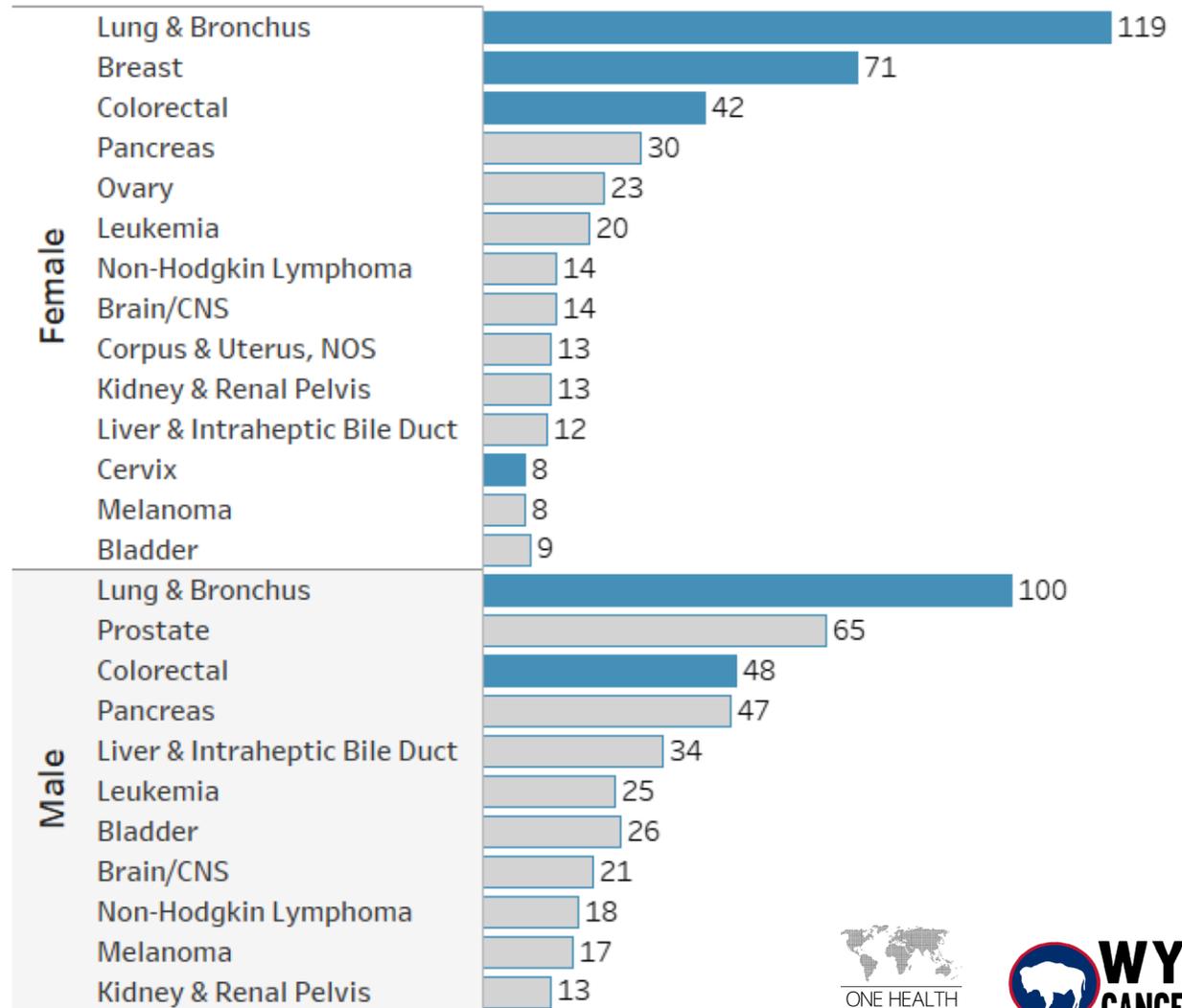
Early Detection & Screening



Early Detection & Screening

Number of deaths caused by cancer in 2018

Screenable cancers in blue



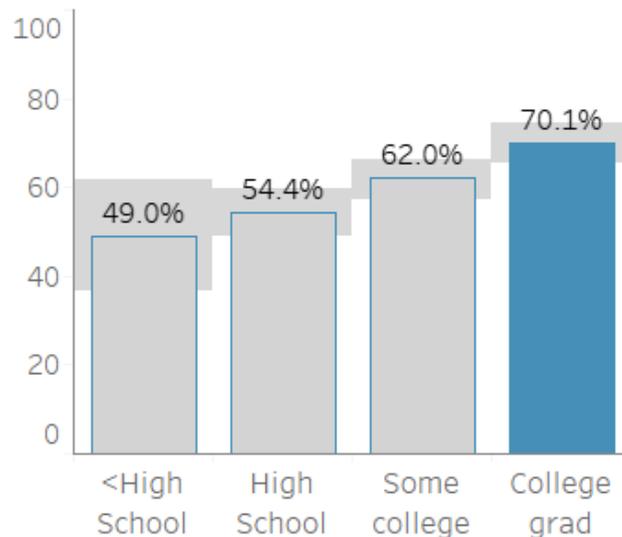
Data | Breast Cancer Screening

61.6%
Wyoming overall

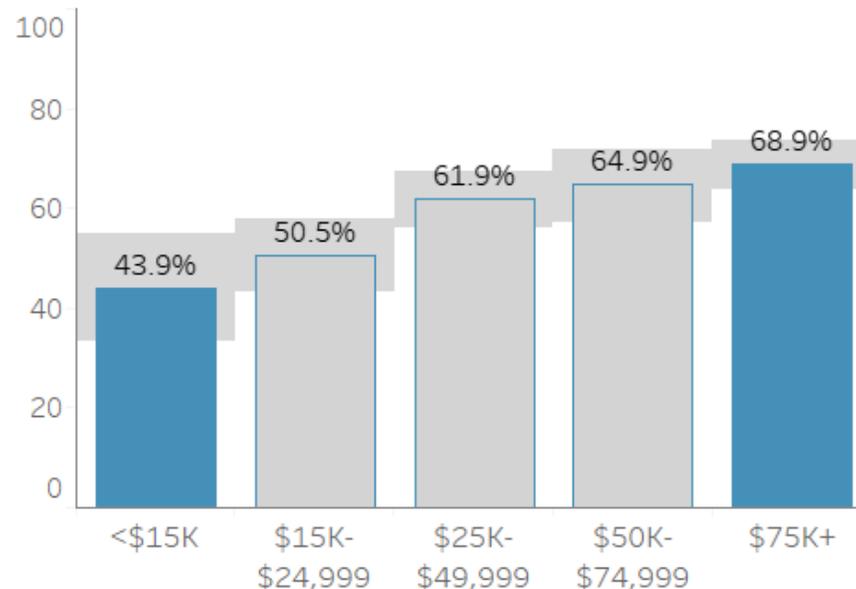
#49 of 51
Rank, including D.C.

71.8%
US Median

Breast Cancer Screening By Education



Breast Cancer Screening By Income



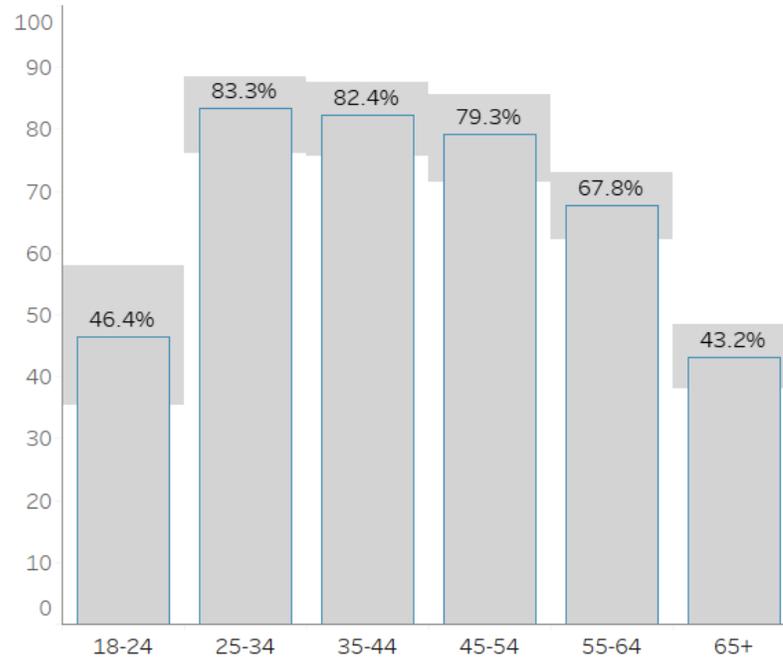
Data | Cervical Cancer Screening

68.6%
Wyoming overall

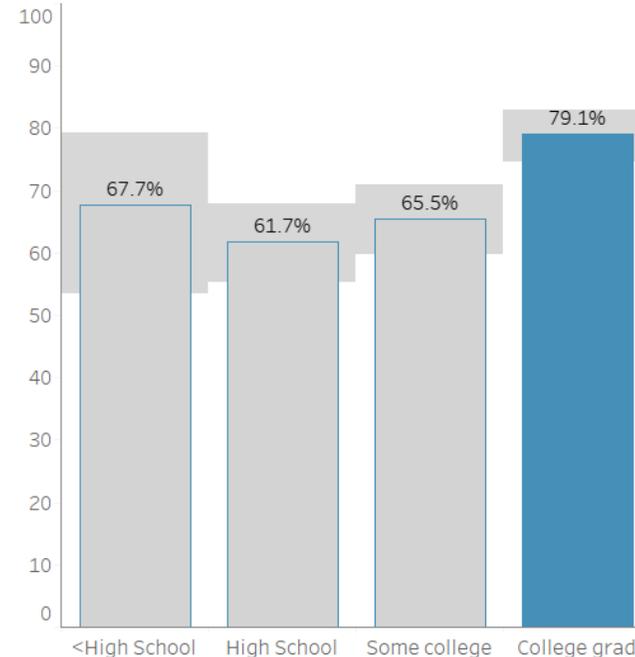
#40 of 51
Rank, including D.C.

71.5%
US Median

Cervical Cancer Screening By Age



Cervical Cancer Screening By Education



Data | Colorectal Cancer Screening

56.9%

Wyoming overall

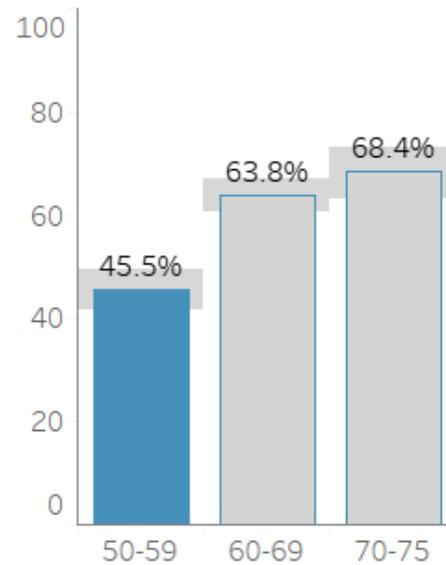
#51 of 51

Rank, including D.C.

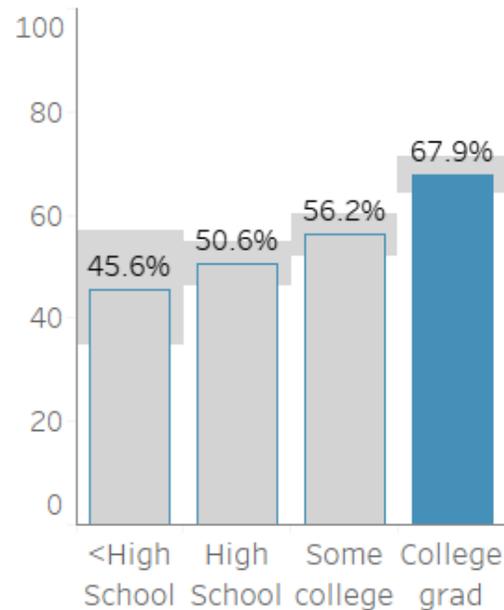
67.3%

US Median

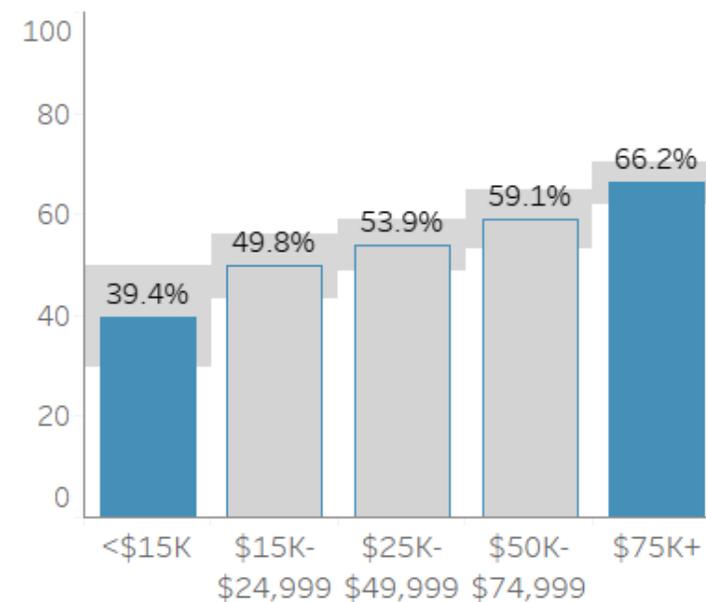
CRC Screening By Age



CRC Screening By Education

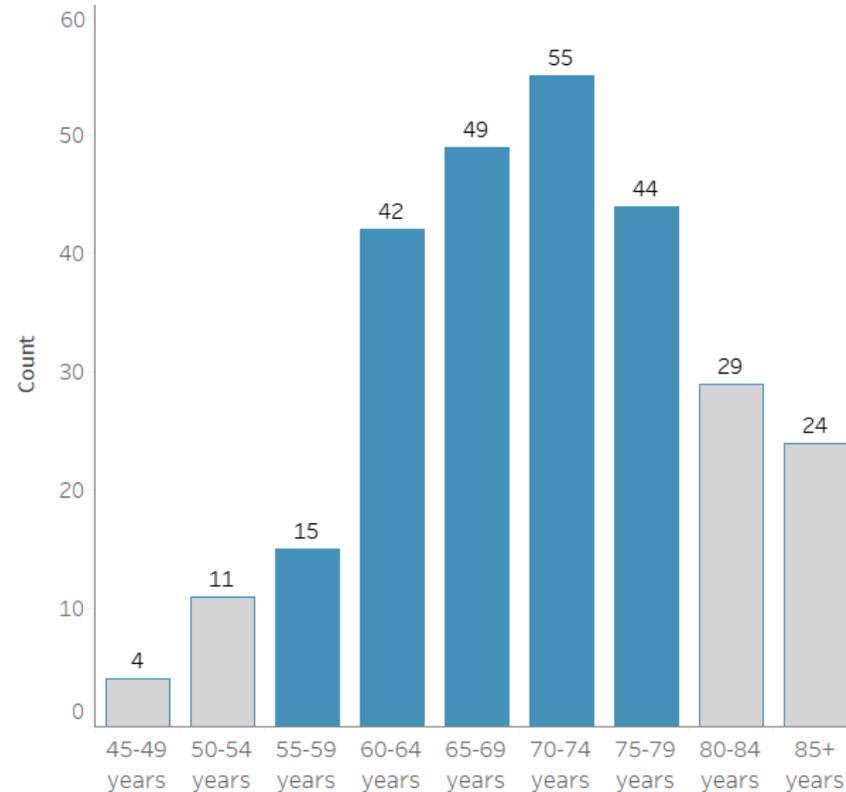


CRC Screening By Income



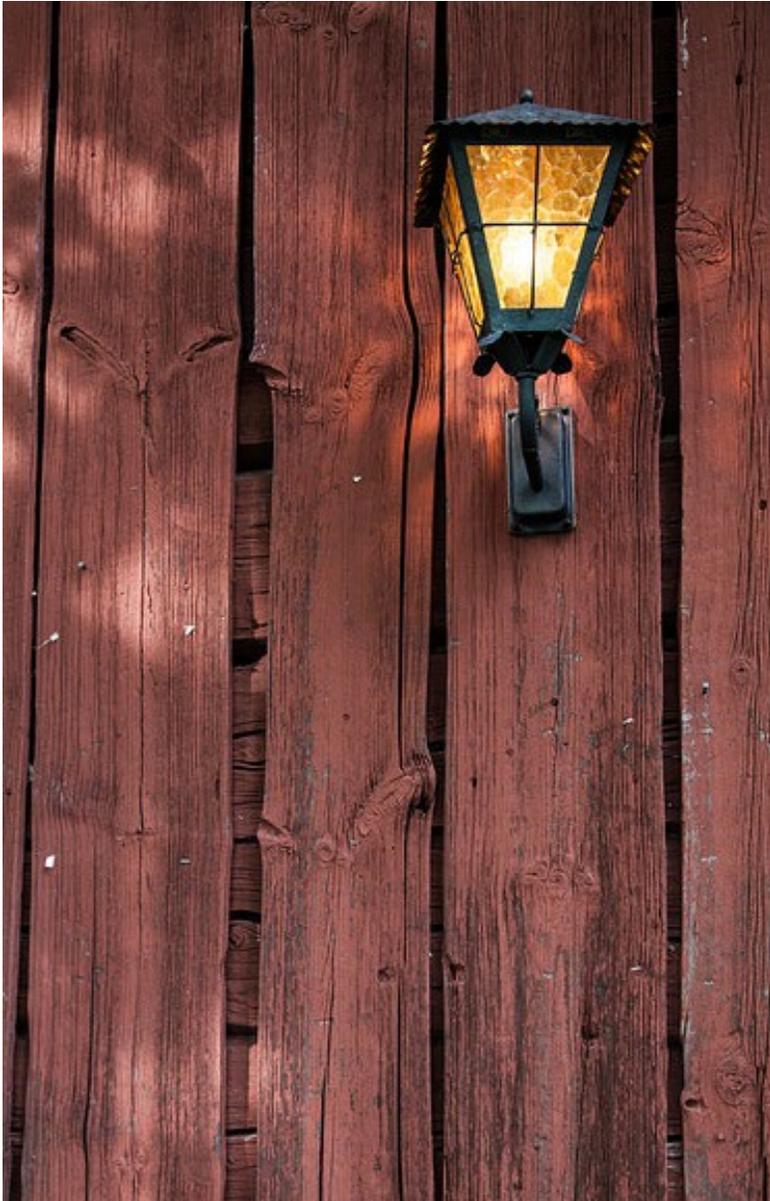
Data | Lung Cancer

~75% of people diagnosed with lung cancer were within the screening age frame at time of diagnosis. Not all would necessarily qualify for screening.



Early Detection & Screening

- **Goal 4:** Increase screening rates for breast, cervical, and colorectal cancers
- **Goal 5:** Decrease proportion of lung cancer diagnoses at late stage by increasing screening





Survivorship



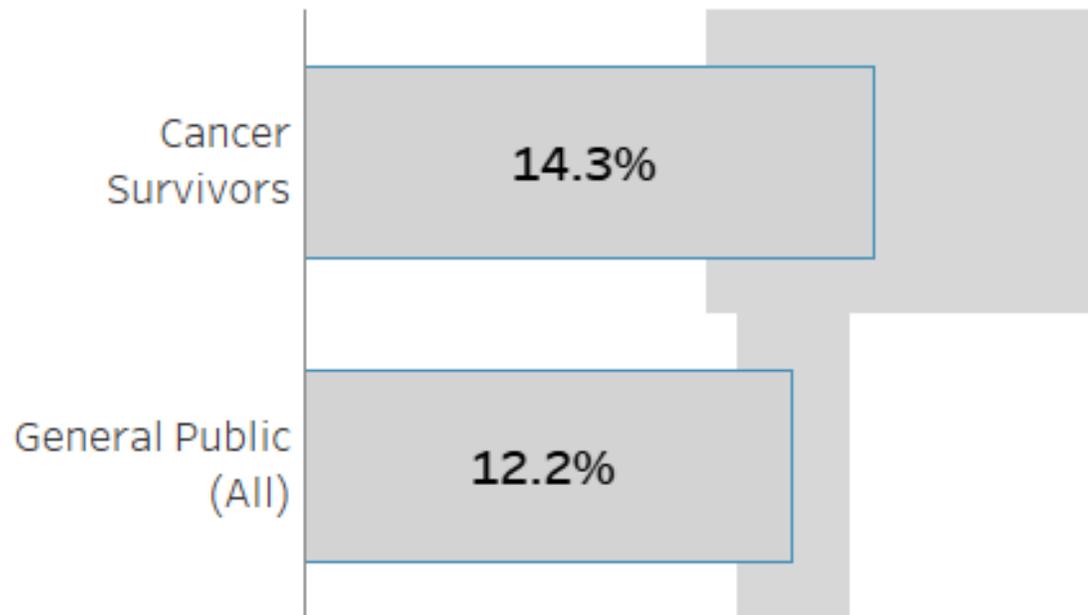
Data | Survivorship

40,163 cancer survivors
in Wyoming as of September 2020

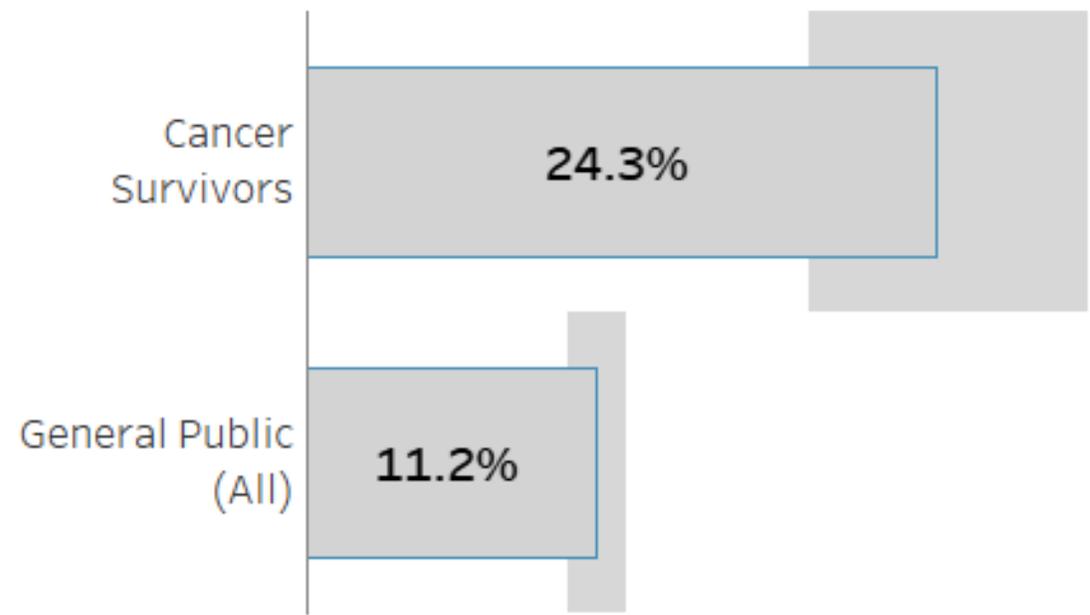


Data | Survivorship

Poor Mental Health, past 14 days



Poor Physical Health, past 14 days



Survivorship

- **Goal 6:** Improve resources for cancer survivors
- **Goal 7:** Increase training and knowledge for cancer care providers and primary care providers related to cancer treatment and long-term care needs



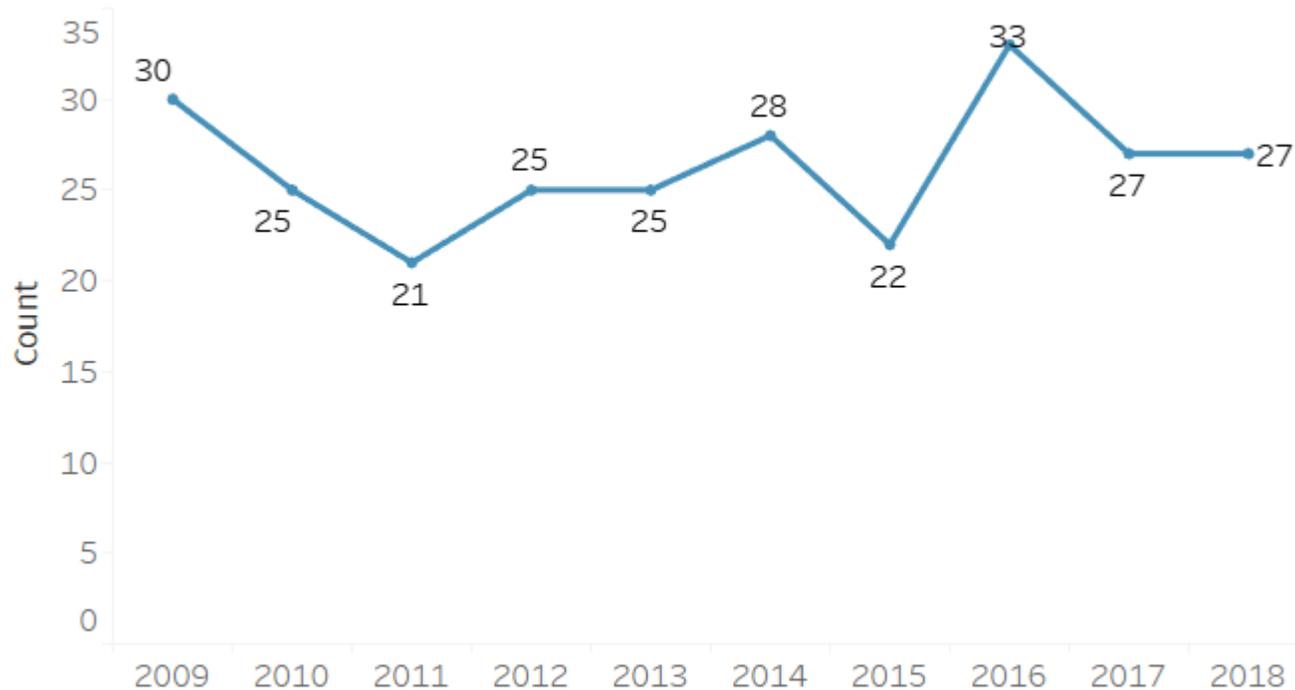


Childhood Cancer



Data | Childhood Cancers

Number of childhood cancer cases diagnosed per year



- Average= **26 cases/year** between age 0-19.
- **Leukemia** and **brain cancers** are most common

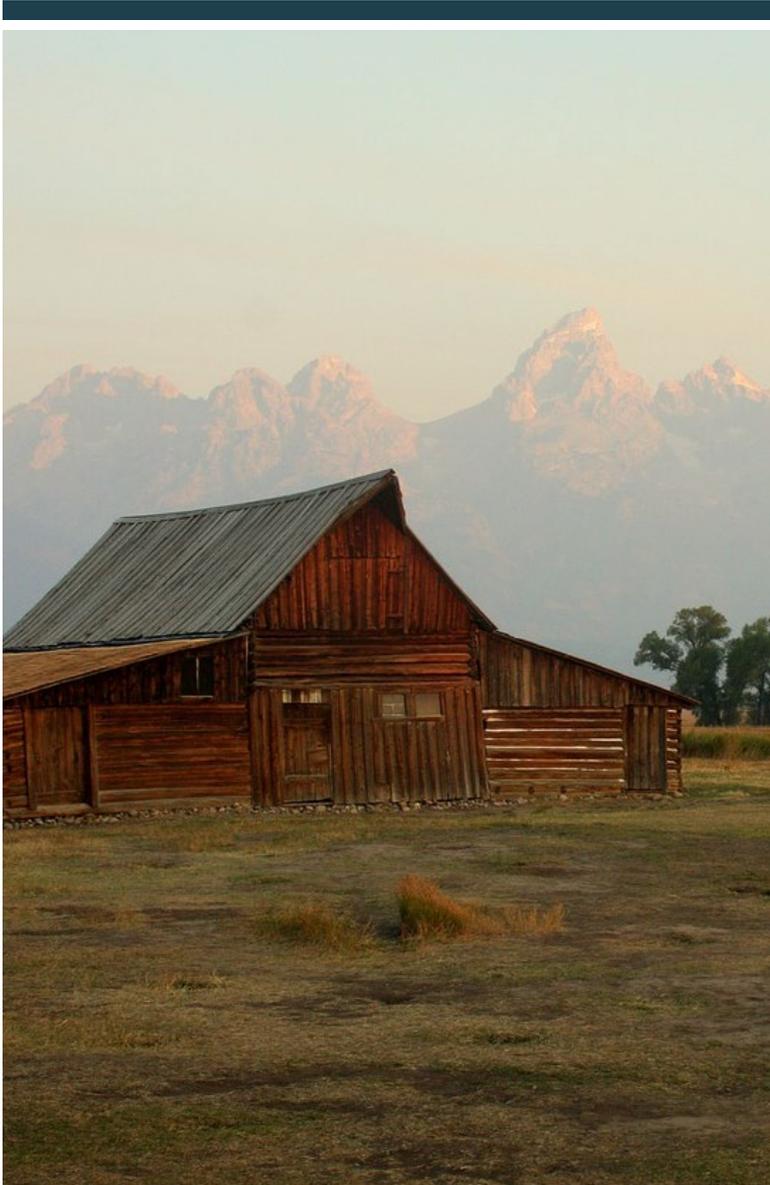
Childhood Cancer

- **Goal 8:** Expand resources for patients and families, including palliative care and end-of-life care
- **Goal 9:** Provide didactic and hands-on training opportunities for healthcare providers related to childhood cancer and post-treatment survivorship needs



Infrastructure

- **Goal 10:** Expand partnerships and stakeholder buy-in and participation
- **Goal 11:** Improve financial stability of the coalition



One more thing to keep in mind...

- The plan highlights the priorities for the next 5 years, but not necessarily *everything* that could be done
- Doesn't include every possible strategy that could be implemented

Plan Legend



Adult cigarette smoking

Baseline: 18.4%

Goal: 16.4%

Source: BRFSS, 2019

Youth vaping in the past 30 days

Baseline: 23.1%

Goal: 17%

Source: PNA, 2018

Prevention

Tobacco use

Goal 1: Decrease tobacco and e-cigarette use

Strategy 1: Promote Cessation

Promote the QuitLine and local cessation programs through Wyoming Cancer Coalition members and their channels

Strategy 2: Assess & Refer

Support healthcare provider assessment of patient tobacco use and referral to cessation services

Strategy 3: School Policies

Implement comprehensive tobacco-free school policies that include e-cigarettes

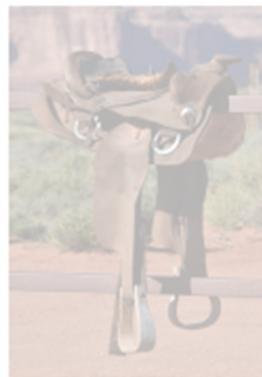
Strategy 4: Community Policies

Implement tobacco-free policies within communities and businesses

Target populations

- Adults with lower income
- Adults with less educational attainment
- 6th, 7th and 8th grade students to prevent initiation
- High school students to prevent initiation and encourage cessation

Goals



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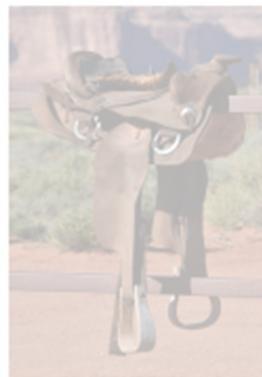
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Evidence-based Strategies



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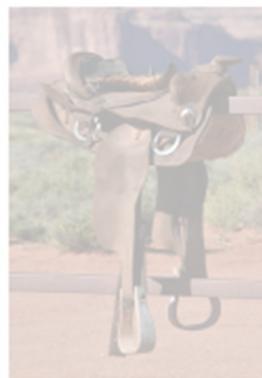
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Target Population *if applicable*



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Call To Action!

1. Join and participate in the Wyoming Cancer Coalition

To join, visit the WYCC webpage:

<https://wyomingcancercoalition.org/wycc-home/get-involved/>

2. Identify what strategies you can implement

The Plan outlines key strategies to implement to achieve each goal. Strategies require a collaborative approach by numerous stakeholders for successful implementation.

3. Apply for funding to implement strategies

For more information, visit the WYCC webpage:

<https://wyomingcancercoalition.org/minigrants/>





THANK YOU!

