

STD and Viral Hepatitis Screening for Ryan White Clients: A Case Management Approach

Shelley Hood

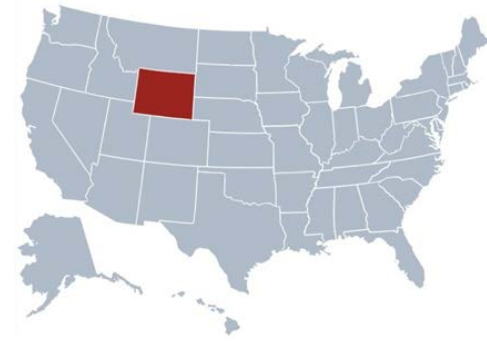
Communicable Disease Treatment Manager

Wyoming Department of Health

Objectives

1. Recognize the need for innovative approaches in resource-limited or rural areas.
2. Describe the benefits of cross-program collaboration.
3. Consider new strategies to improve accessibility of testing.

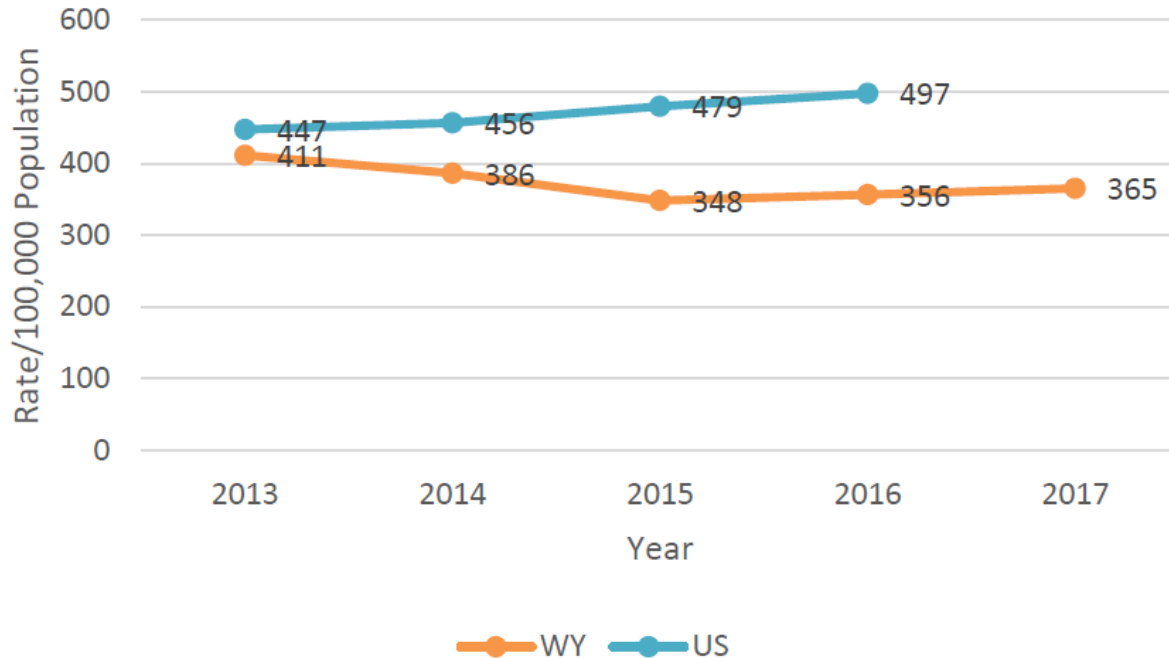
Background



- Wyoming has a population of 579,315
 - 2 counties designated as urban, 2 as rural, and 17 as frontier
- Three HIV providers in the state
 - Ryan White case managers in each county
- Integrated Communicable Disease Unit
 - Surveillance, Prevention, and Treatment for HIV, STDs, viral hepatitis, and tuberculosis
- Communicable disease testing available every county through Public Health Nursing offices
 - STD (extragenital), HIV, hepatitis B and C, and tuberculosis

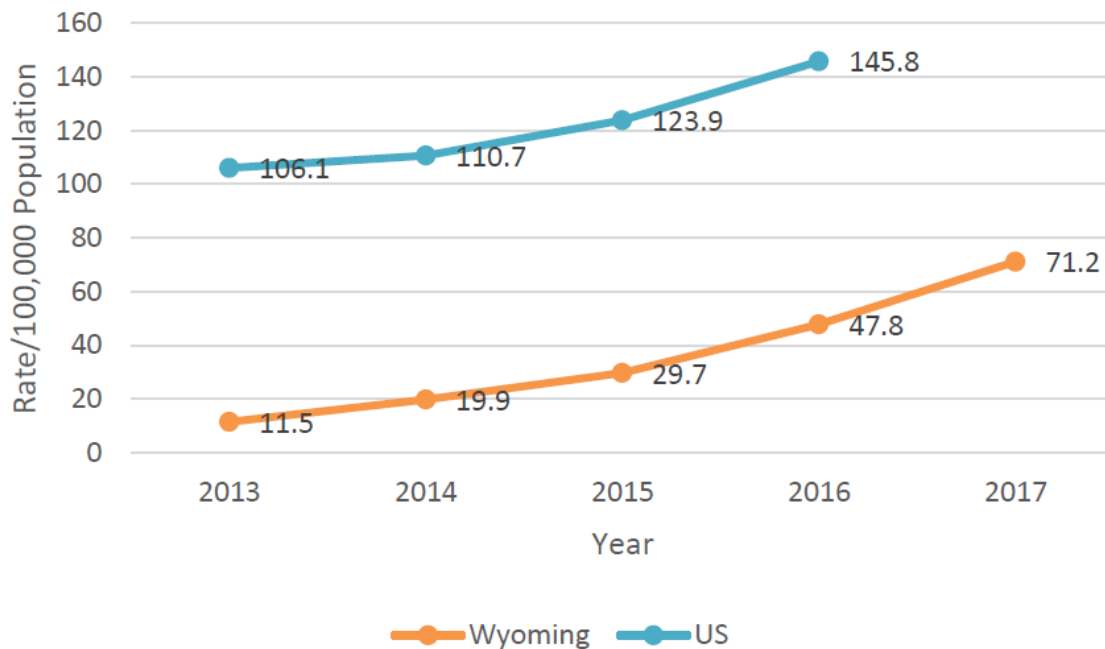
Wyoming Chlamydia Epidemiology

Chlamydia rate per 100,000 population, Wyoming and United States, 2013-2017



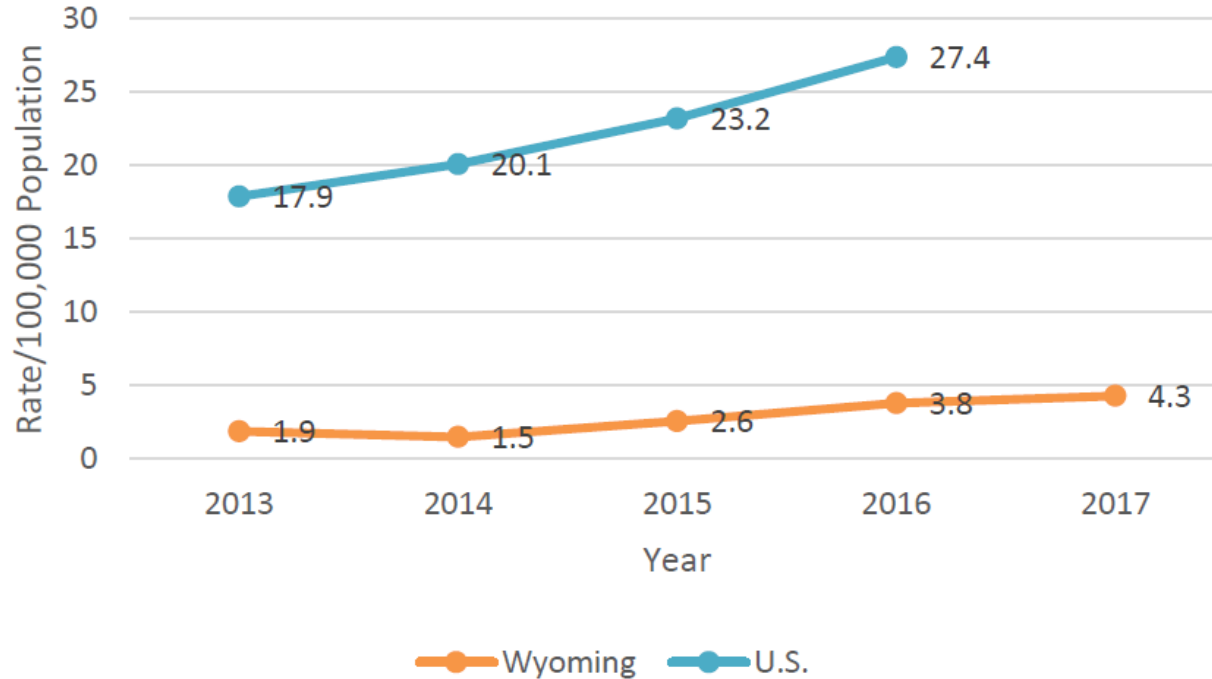
Wyoming Gonorrhea Epidemiology

. Gonorrhea rate per 100,000 population, Wyoming and United States, 2013-2017*4-7



Wyoming Syphilis Epidemiology

Syphilis rate per 100,000 population, Wyoming and United States, 2013-2017

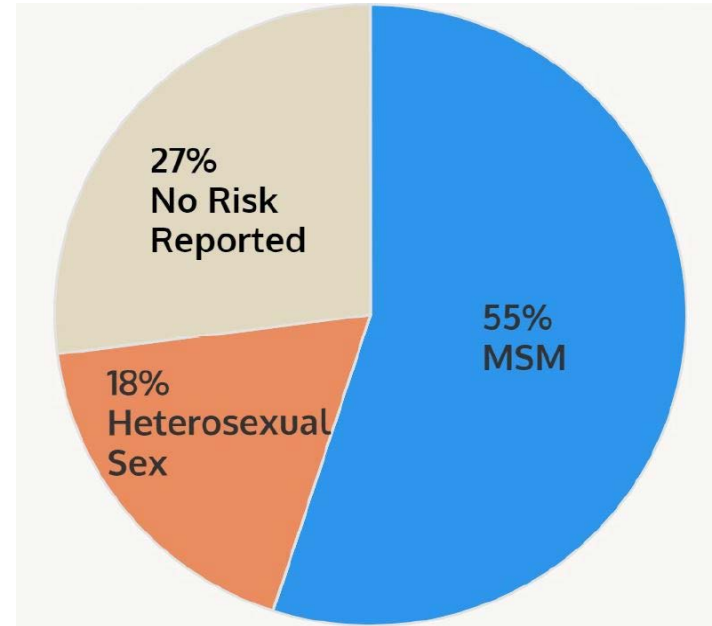
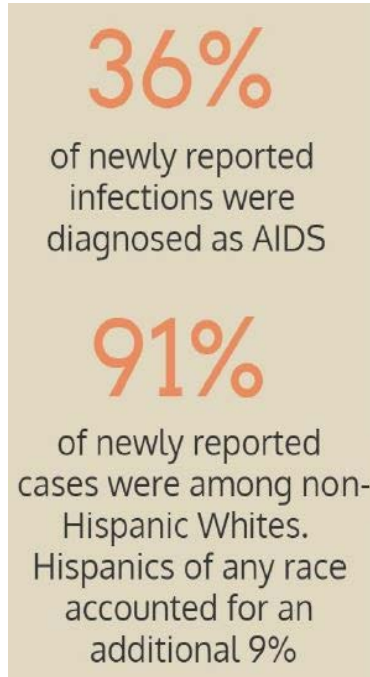
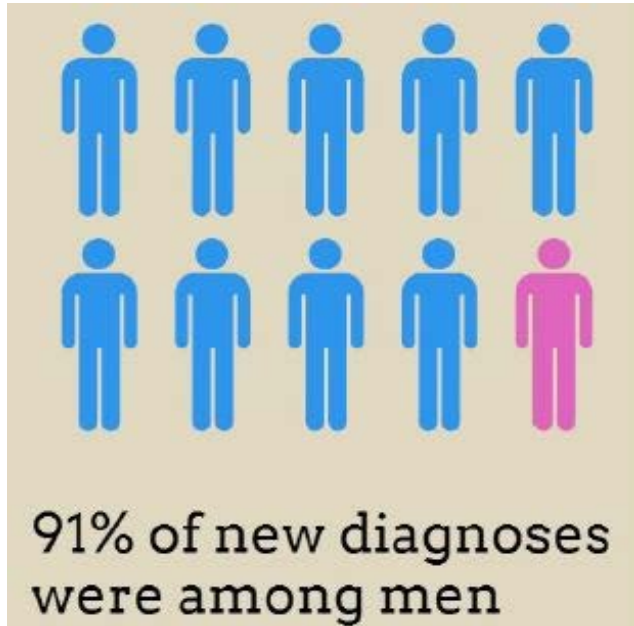


Newly diagnosed HIV case rate per 100,000, 2013-2017

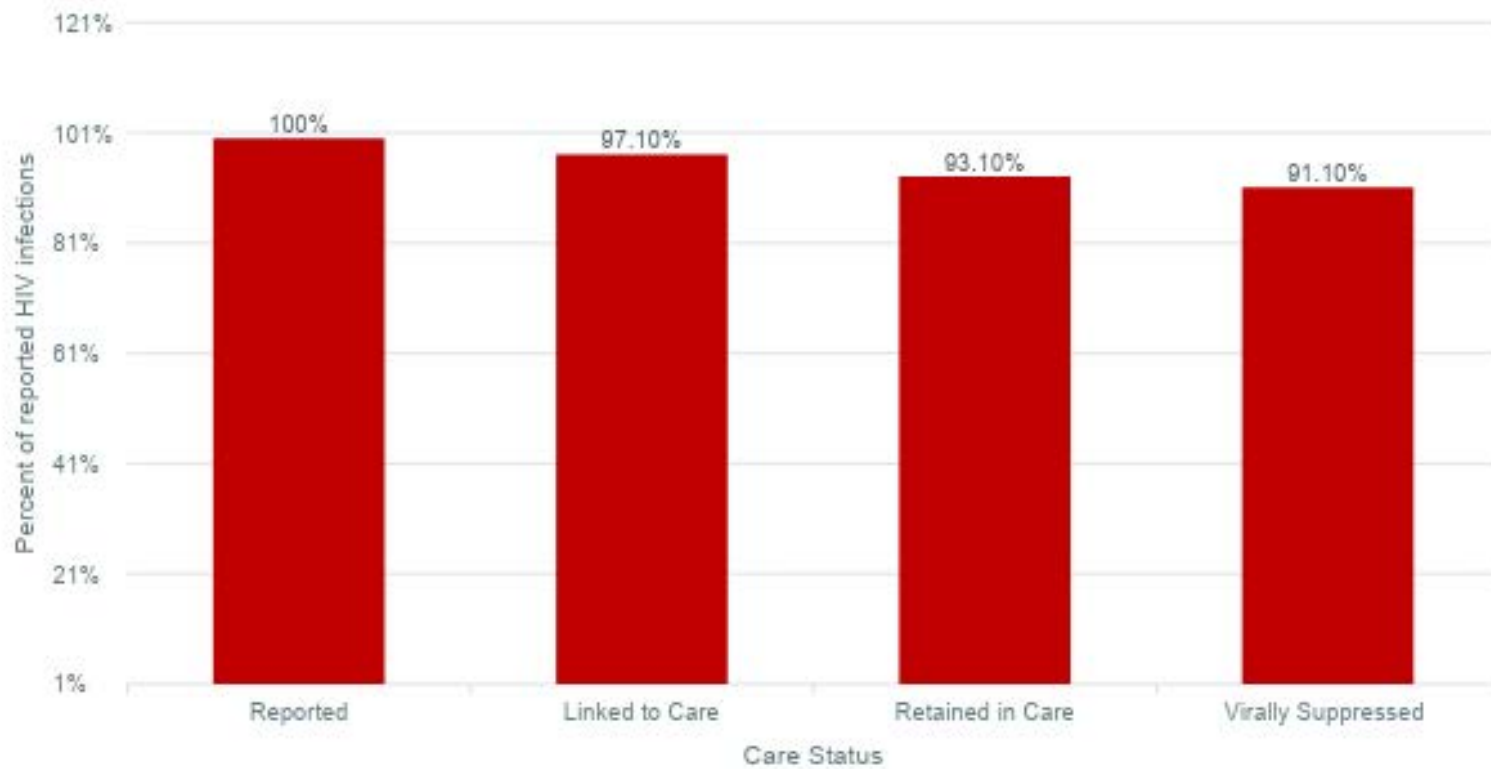


HIV - 2017

- Prevalence – 312 people living with HIV
- Incidence – 11 newly diagnosed HIV cases

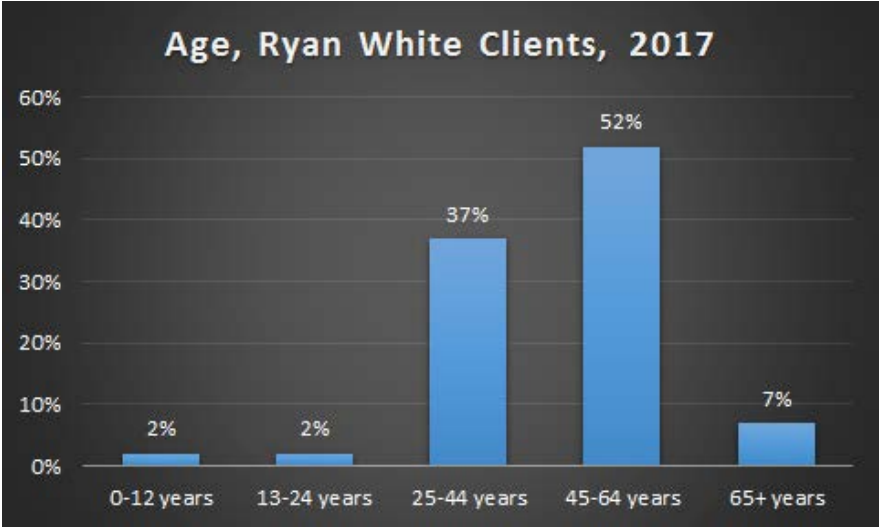
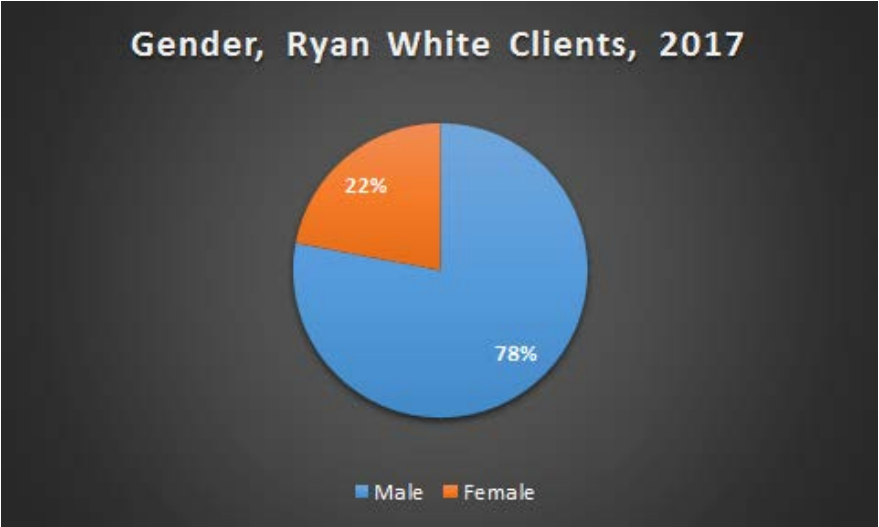


HIV Care Continuum, 2017



Ryan White Clients – 2017

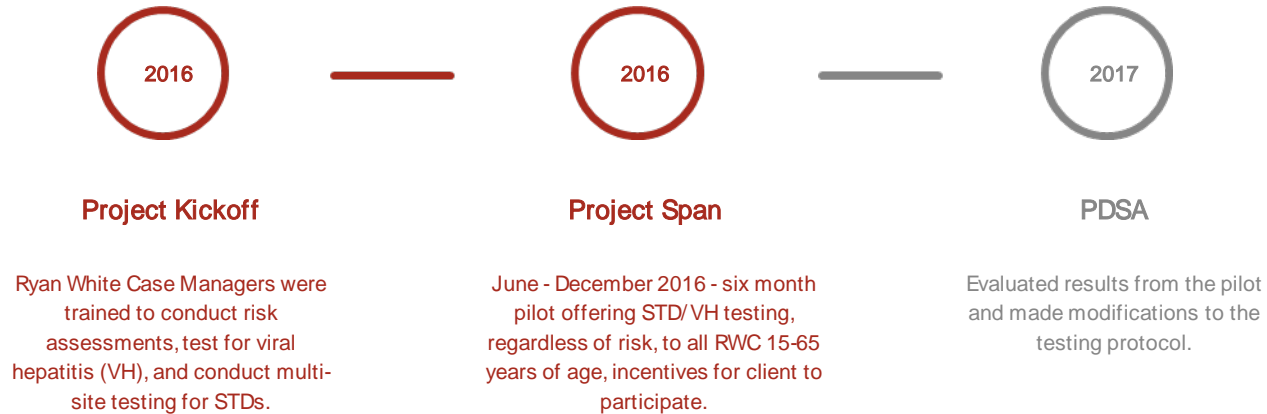
- 206 enrolled clients



Project Background

- Wyoming Department of Health receives Ryan White Part B and C funding
- HRSA recommends STD and viral hepatitis testing for newly enrolled Ryan White clients (RWC)
- Prior to 2016, local public health nursing offices were not involved in screening of RWC
- Data on the number of clients screened and testing results were incomplete
- In 2015, 7% of RWC had documented tests for STDs/VH with 0% positivity

Methods



Results

2016

Number of Ryan White Clients Tested for STDs and Viral Hepatitis Regardless of Risk in 2016

● Tested ● Total Number of Ryan White Clients



Methods



Project Kickoff

Ryan White Case Managers were trained to conduct risk assessments, test for viral hepatitis (VH), and conduct multi-site testing for STDs.



Project Span

May - December 2017 - second pilot offering STD/VH testing, based on risks, to all RWC 15-65 years of age, incentives for client to participate.



PDSA

Obtained feedback from case managers and clients.



Maintenance

Include risk assessment within the annual assessment for clients entering and recertifying in the program.

Results

2017

Number of Ryan White Clients Tested for STDs and Viral Hepatitis With Risk Factors Reported in 2017

● Tested ● Screened ● Total Number of Ryan White Clients



Thoughts From the Field

- Case Managers:
 - Completing with the annual application keeps clients from making multiple trips
 - Incentives work well and are helpful in encouraging clients to participate
 - Detected positive cases in partners of clients
 - Easy process
 - Able to treat clients for positive results
- Clients
 - Thought their physician was already doing it or should be
 - Receptive to getting tested
 - Appreciate the incentive
 - Not sexually active so not applicable
 - Too invasive

Conclusions

- Improved data on STD and viral hepatitis screening and testing among RWC
- Ensured appropriate screening and testing based on client risk
- Improved data collection, testing accessibility, and offered treatments for infections that may have otherwise gone undetected
- Enhanced client services offered by Ryan White case managers

Project Funding

- 2016
 - Case managers received a flat fee of \$75
 - Clients received a flat fee of \$25
- 2017
 - Case managers received a flat fee of \$100
 - Clients received \$10 for completing the risk assessment, \$25 for completing testing
- Ryan White Part B, Part C, and rebate funds were used to pay case management fees and laboratory fees
- HIV Prevention, STD Prevention, and hepatitis funds were used to pay for client incentives and laboratory fees

Next Steps

- Implement newly revised Ryan White Annual Application
 - Includes screening within the application
- Refine data collection and management
- Define clear steps for case managers to successfully complete the process
- Maintain incentive structure for clients

Key Points

- Capitalize on current resources available across programs
- Integrate screening/testing into existing processes or client visits
- Offer additional training to field staff to increase capacity
- Seek feedback to improve new processes, policies, or programs
- Identify partners with similar goals or funding

Thank you!

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