

**Workshop Series**

# **STI Service Integration into Incarceration Facilities**

## **Part 1: Planning for Partnerships**



**NCS D**

National Coalition  
of STD Directors

# Housekeeping

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- 3-part workshop series
- Recordings and slides will become available within 1 week on workshop event page
- Please be mindful of mute unless asking a question 😊
- Accessibility needs – DM or email Leo Parker at [lparker@ncsddc.org](mailto:lparker@ncsddc.org)
- Chat is enabled – we encourage engagement!
- Survey will pop up at the end of the meeting

# Overview

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- Goals
- Background
- Considerations for partnerships with incarceration facilities
- Public Health – Seattle and King County (PHSKC)
- Discussion with PHSKC
- What to expect next

# Goals for this Workshop Series



Identify needed partnerships, staff, and resources to integrate a set of STI services in incarceration facilities.

Identify logistics to effectively implement a set of STI services.

Assess ways to measure impact of service delivery.

# Part 1 Learning Goals

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Assess programmatic need for STI services in incarceration facilities (IFs).

Identify partners and key individuals needed to successfully establish STI services into incarceration facilities (IFs).

# Background



- My NCS D conversations seeking peer support on testing in incarceration facilities (IFs)
  - Ways to increase testing among high-risk populations
  - Establishing relationships with IFs, best practices
  - What kind of work is being done to support STI prevention and intervention in IFs?
  - How are testing and treatment facilitated?
  - What is the jail health services role in treatment? How is information shared between parties?
  - What is the role of DIS in treatment and how are partner services conducted?

# Background

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- Followed-up the My NCS D conversations with a *Chai Chat*
  - Who is covering the cost of testing? How are we funding treatment?
  - Who is administering treatment and how?
  - What does the process of testing in the IF look like?

# Considerations for planning for partnerships



- What preliminary data is needed to garner support for testing?
- Who do we need to build strong relationships with?
- What services will be prioritized?
- What resources will be required?
- How do we need to prepare to implement the partnership?
  - Assessing staffing needs
  - What additional training is needed?
  - Security clearances for staff



*How can we make this happen?*



**NCS D**  
National Coalition  
of STD Directors

# Welcome Our Guests!

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Julie Dombrowski, MD, MPH (she/her)  
Public Health – Seattle & King County  
University of Washington



Luis Enrique Herrera Perales (he/him/el)  
Disease Intervention Specialist  
Public Health – Seattle & King County

# Public Health- Seattle and King County:

## Jail Testing for Syphilis, HIV & Hepatitis C Virus Infection

Julie Dombrowski, MD, MPH (she/her)  
Public Health – Seattle & King County  
University of Washington

Luis Enrique Herrera Perales (*HE, HIM, EL*)  
Disease Intervention Specialist  
Public Health – Seattle & King County



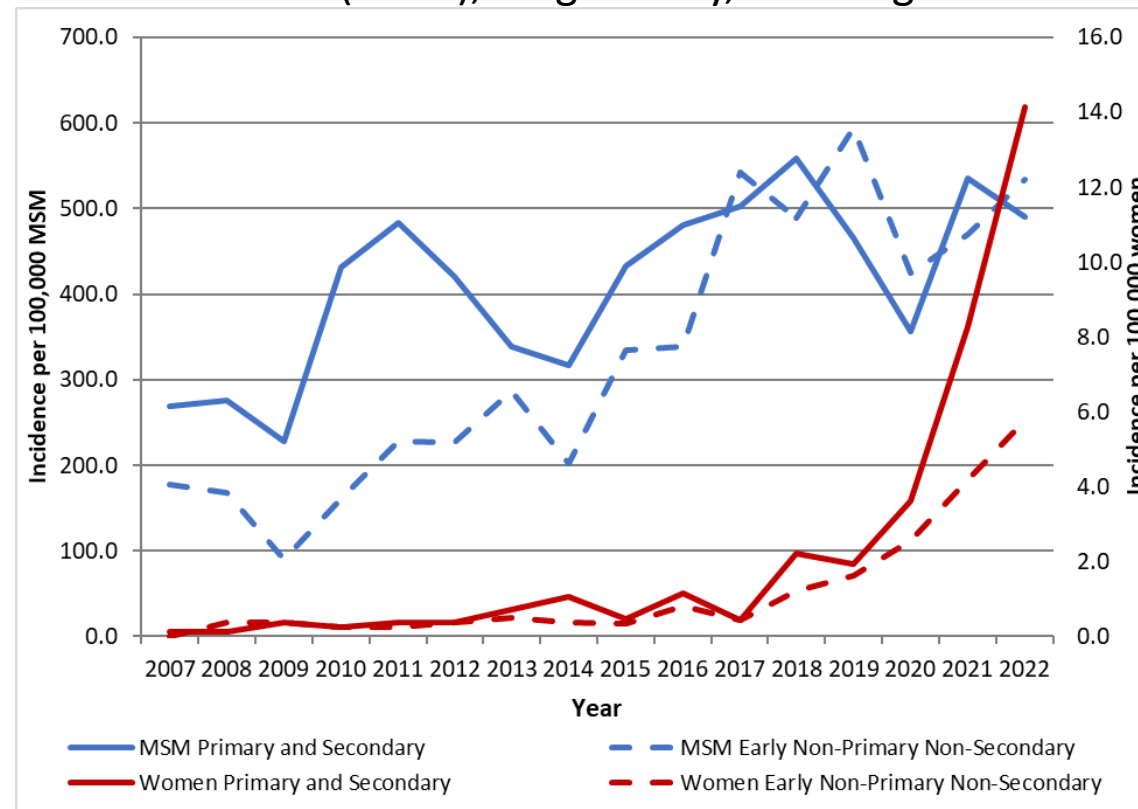
# Overview

- Background and rationale
- Implementation - operational details
- Results of testing to date
- Lessons learned

# Background: Syphilis in King County, Washington

- Uncontrolled syphilis epidemic in women
- Persistently high rates in men who have sex with men (MSM)
- Need new ways to reach women with syphilis and their sex partners

Early syphilis incidence among cisgender women and men who have sex with men (MSM), King County, Washington 2007-2022



# Background: Syphilis in King County, Washington

Syphilis (all stages) among cisgender men who have sex with men (MSM), cisgender men who have sex with women only (MSW) and cisgender women, Seattle & South King County, May 2021-April 2023

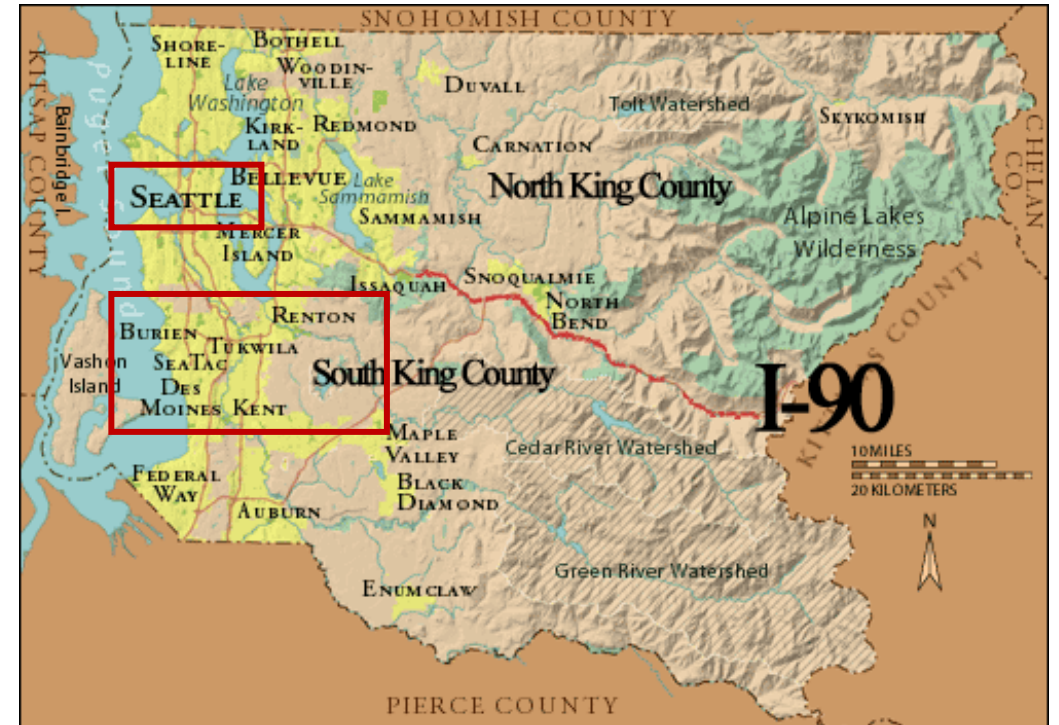
	Seattle		South King County	
	MSM	MSW & Women	MSM	MSW & Women
Total cases	967 (100%)	559 (100%)	398 (100%)	597 (100%)
Total interviewed	135 (14%)	239 (43%)	82 (21%)	321 (54%)
Risk factors among interviewed cases*				
Homeless (past 3 months)	10 (7%)	92 (38%)	10 (12%)	72 (22%)
Injection drug use (past year)	4 (3%)	19 (8%)	1 (1%)	14 (4%)
Methamphetamine use (past year)	17 (13%)	74 (31%)	7 (9%)	72 (23%)
Exchange sex for money or drugs (past year)	4 (3%)	15 (6%)	4 (5%)	8 (2%)

\*Cases interviewed by Public Health staff; percentages shown are among interviewed cases

# South Correctional Entity

- South Correctional Entity (SCORE) Jail
- In Des Moines, Washington
- Owned by 6 cities in South King County
- Misdemeanors only
- Short length of stay

King County Map



Source: scorejail.org, map from county agency

# Test Technologies & Rationale

Infection	Test	Note
Syphilis	Treponemal-specific antibody, <b>point-of-care</b>	Diagnostic certainty requires lab-based testing
HIV	HIV-1/HIV-2 antibody, <b>point-of-care</b> (INSTI®)	
Hepatitis C	HCV antibody test, <b>point-of-care</b>	

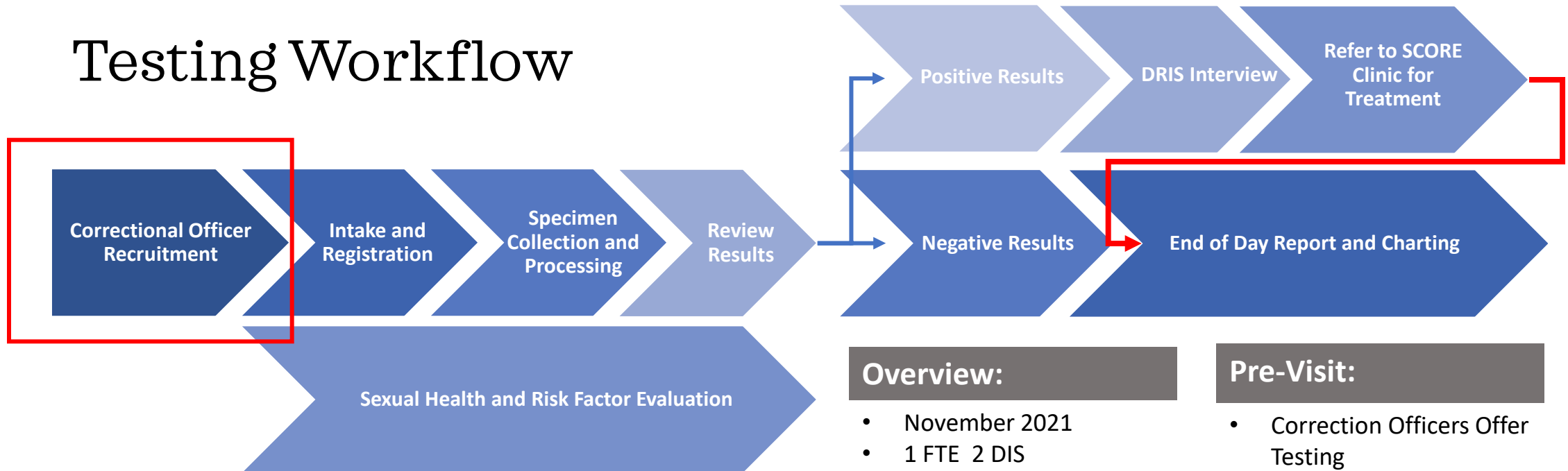
Jail testing that depends on laboratory-based testing for diagnosis & treatment is unlikely to succeed

Empiric treatment approach for syphilis in people with positive rapid tests is preferable



# Implementation: Overview

## Testing Workflow



### Overview:

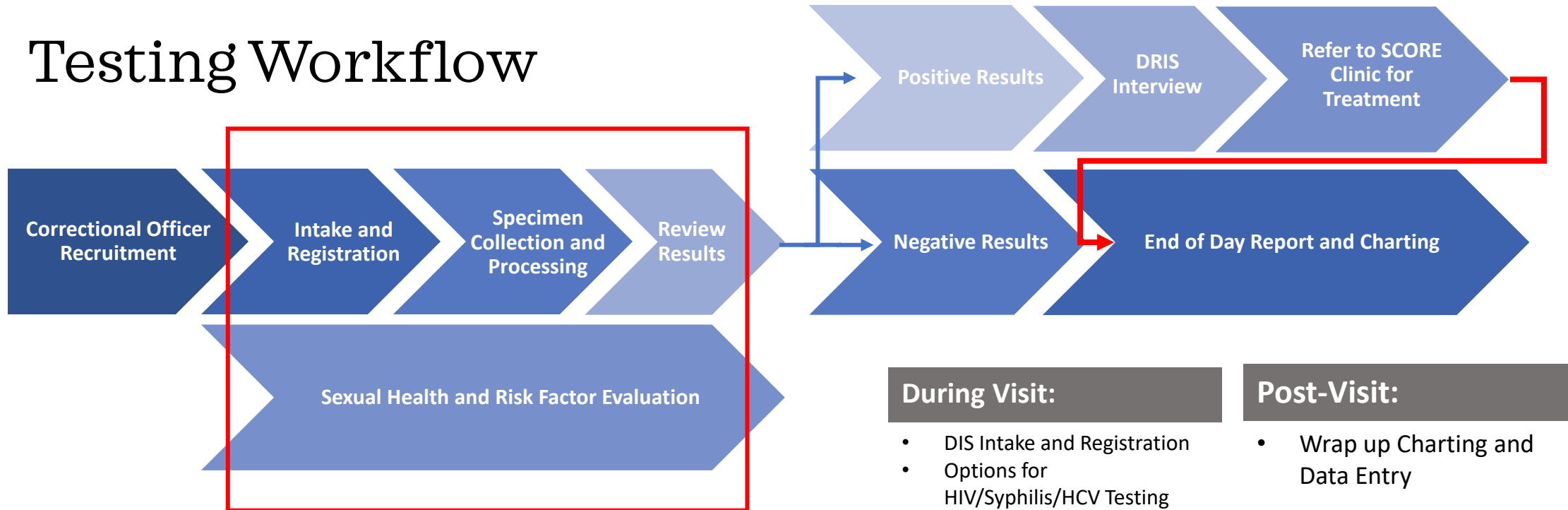
- November 2021
- 1 FTE 2 DIS
- 4 days a week for 3 hours
- Long Term Security Clearance
- Each visit is 10 –20 mins

### Pre-Visit:

- Correction Officers Offer Testing
- General Announcement
- Bring to Social Services Area

# Implementation: Testing

## Testing Workflow



### During Visit:

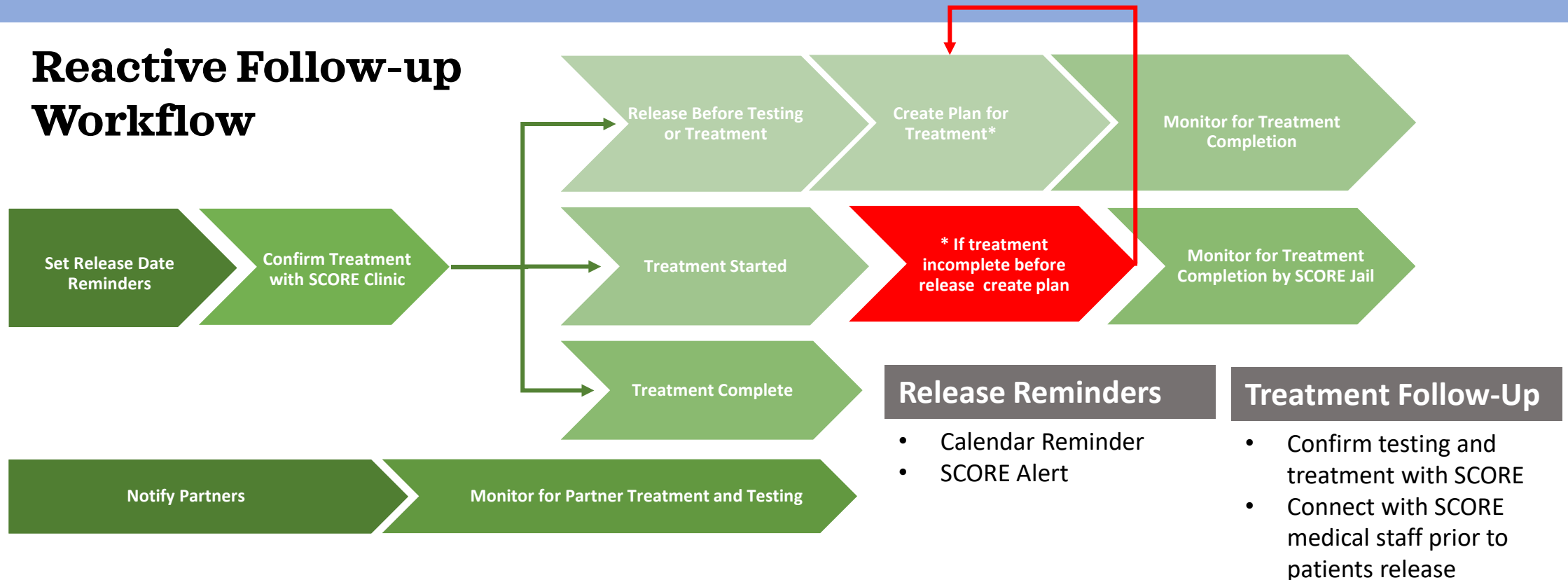
- DIS Intake and Registration
- Options for HIV/Syphilis/HCV Testing
- Sexual Health and Risk Evaluation
- \*DIS Interview
- Reward- Candy

### Post-Visit:

- Wrap up Charting and Data Entry
- End of Day Report
  - Number of positive tests

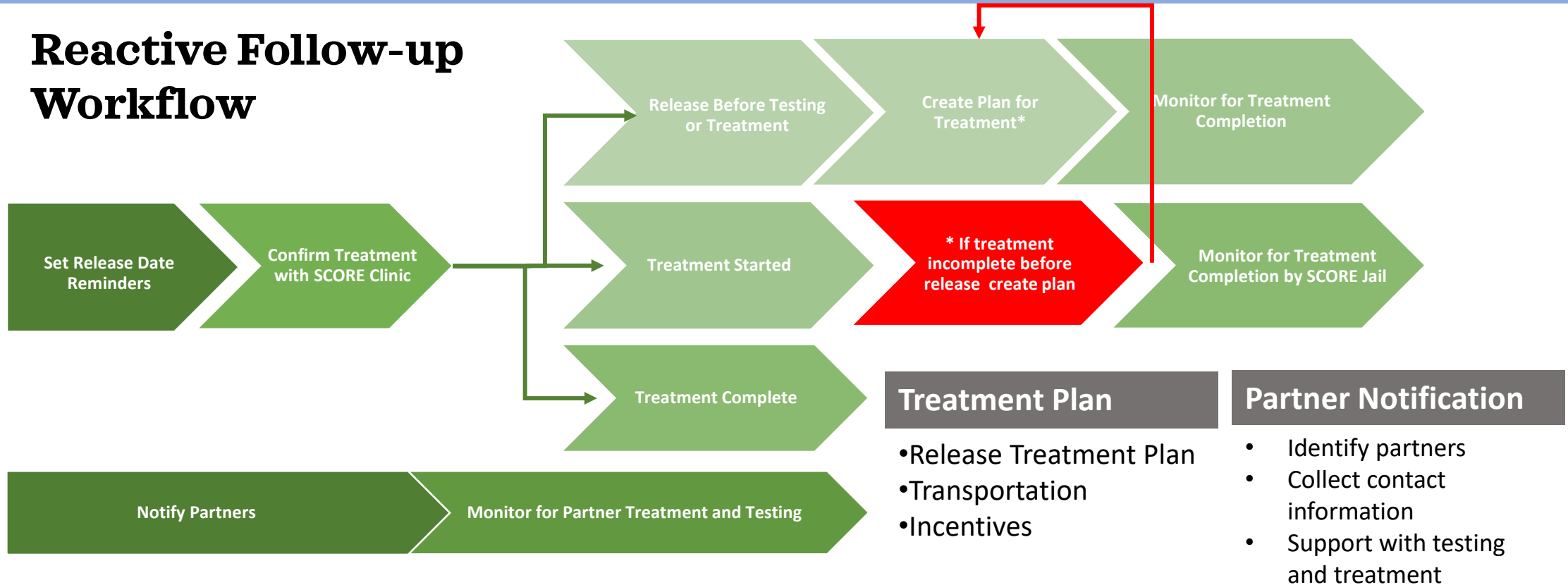
# Implementation: Reactive Follow-up

## Reactive Follow-up Workflow



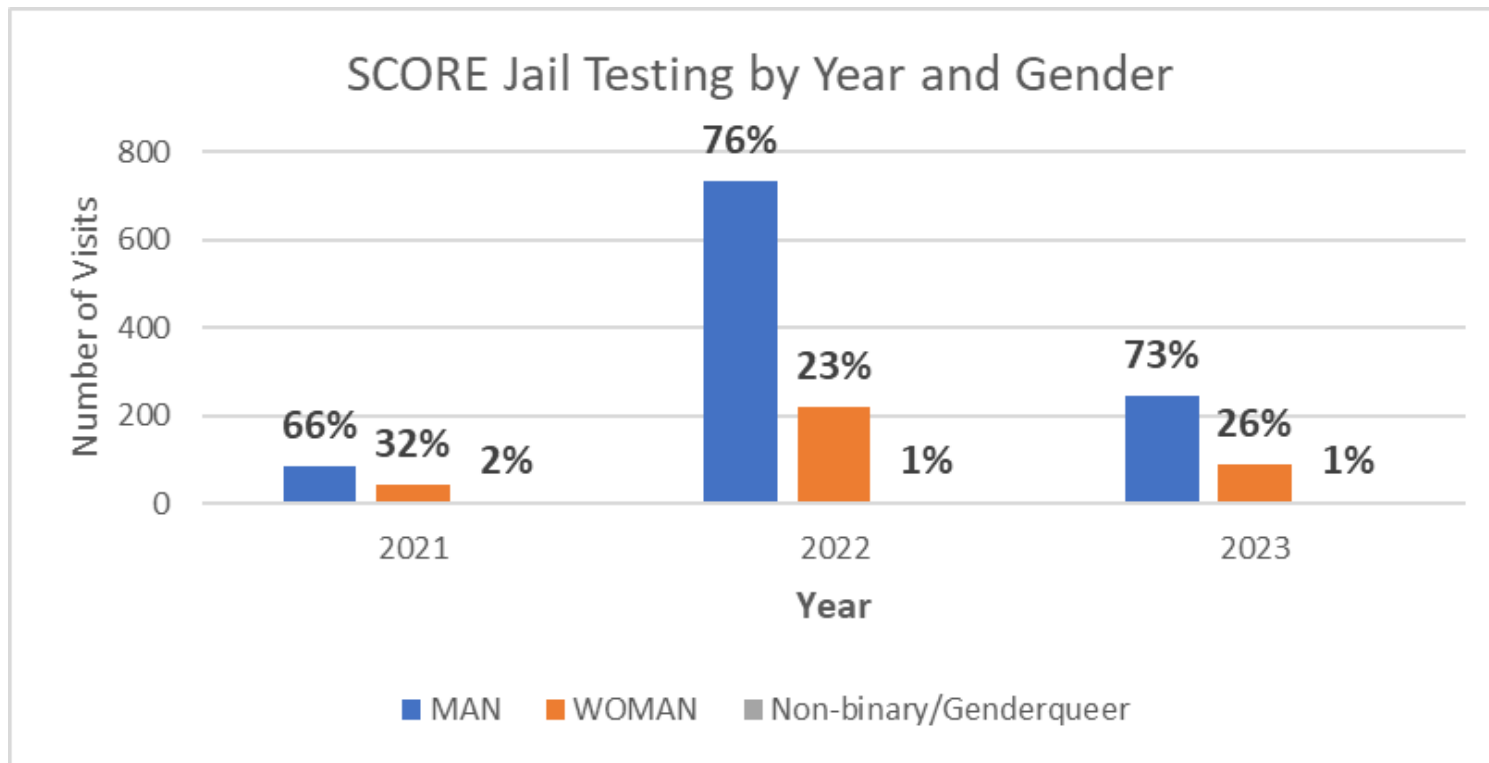
# Implementation: Treatment Plan and Partners

## Reactive Follow-up Workflow



# SCORE Jail- Total Number of Visits

November 2021 – May 2023



**Key Point**

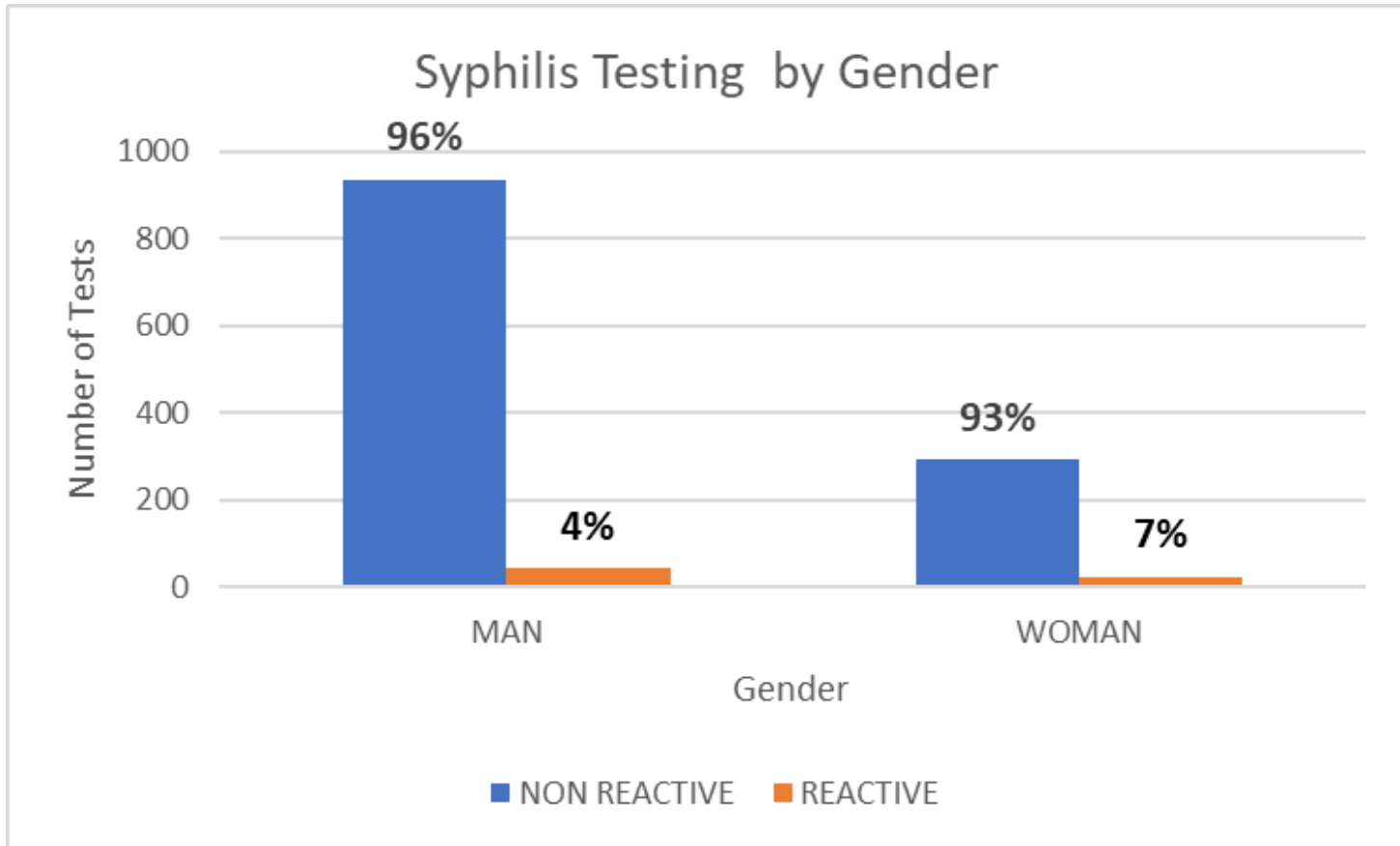
1425 Visits

Overall by gender= Man 75%,  
Woman 24%, NB/GQ 1%

*(11/15/2021-5/26/2023)*

# SCORE Jail- Syphilis Testing by Gender

November 2021 – May 2023, Total N = 1293 tests



**Key Points**

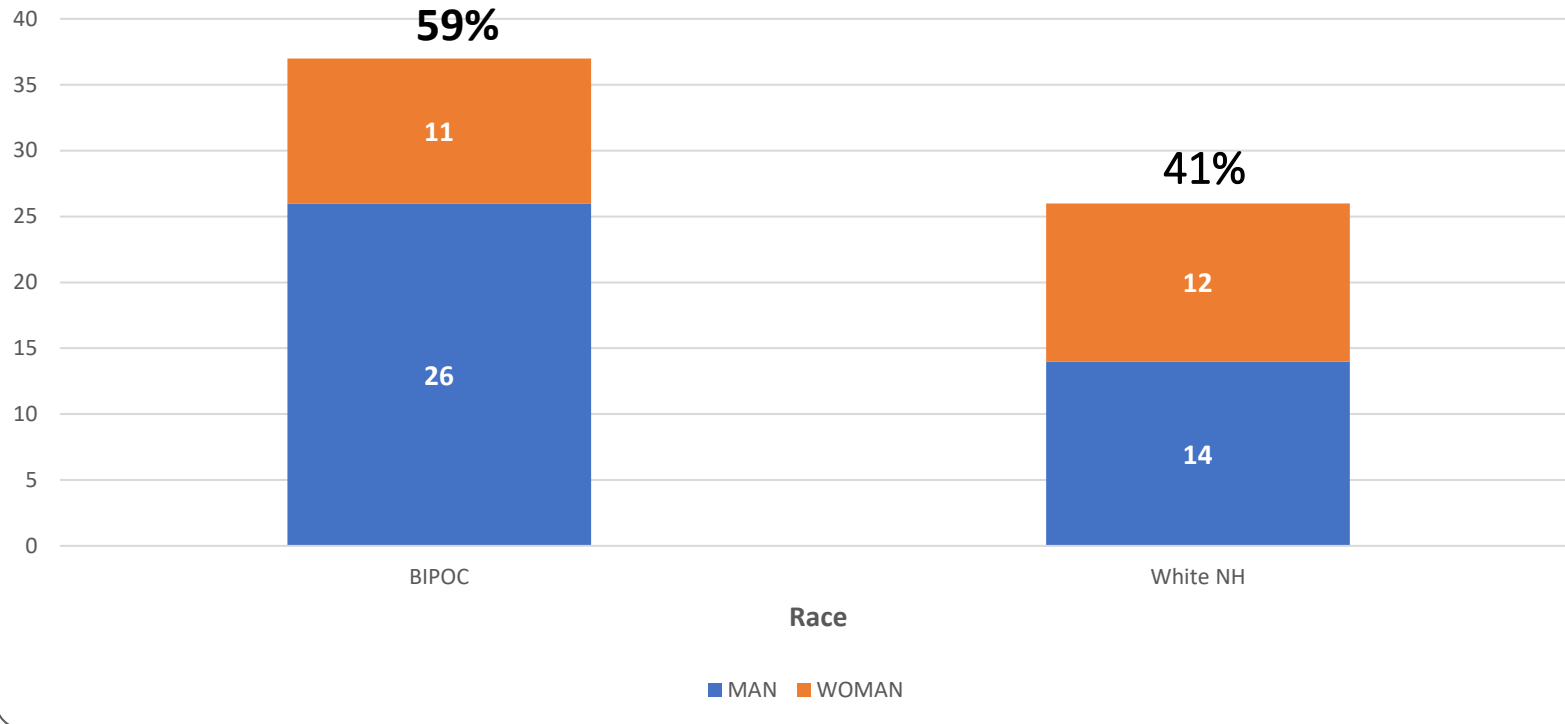
Overall positivity = 5%  
(63\* of 1293)

Women were more likely to test positive (7%)

# SCORE Jail- Reactive Syphilis by Race

November 2021 – May 2023, Total N = 63

Reactive for Syphilis



## Key Point

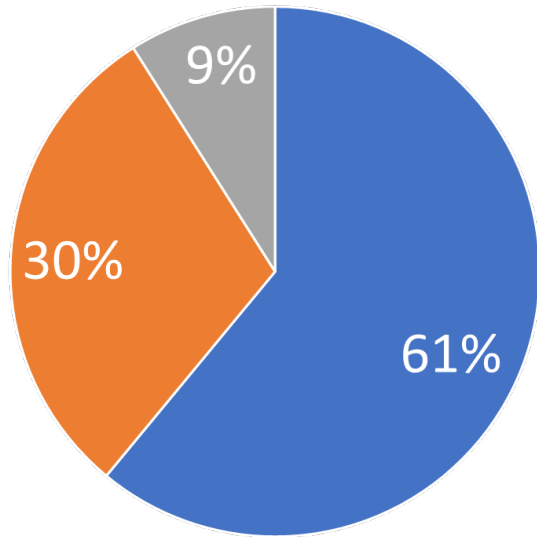
People who test positive are disproportionately BIPOC (59%) compared to White NH (41%)

Total King County Population:  
36% BIPOC

# SCORE Jail- Syphilis Reactive by Gender & Gender of Sex Partners

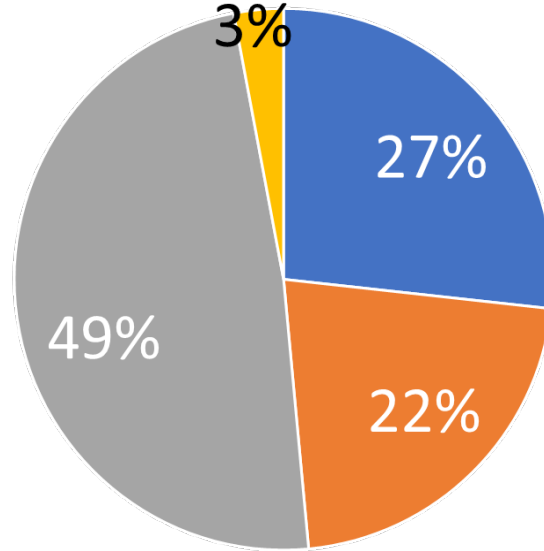
SCORE Testing, Nov 2022 – May 2023

N = 63



King County, Jan-Apr 2023

N = 608



- Women
- Cisgender MSW
- Cisgender MSM
- Trans/Gender Diverse

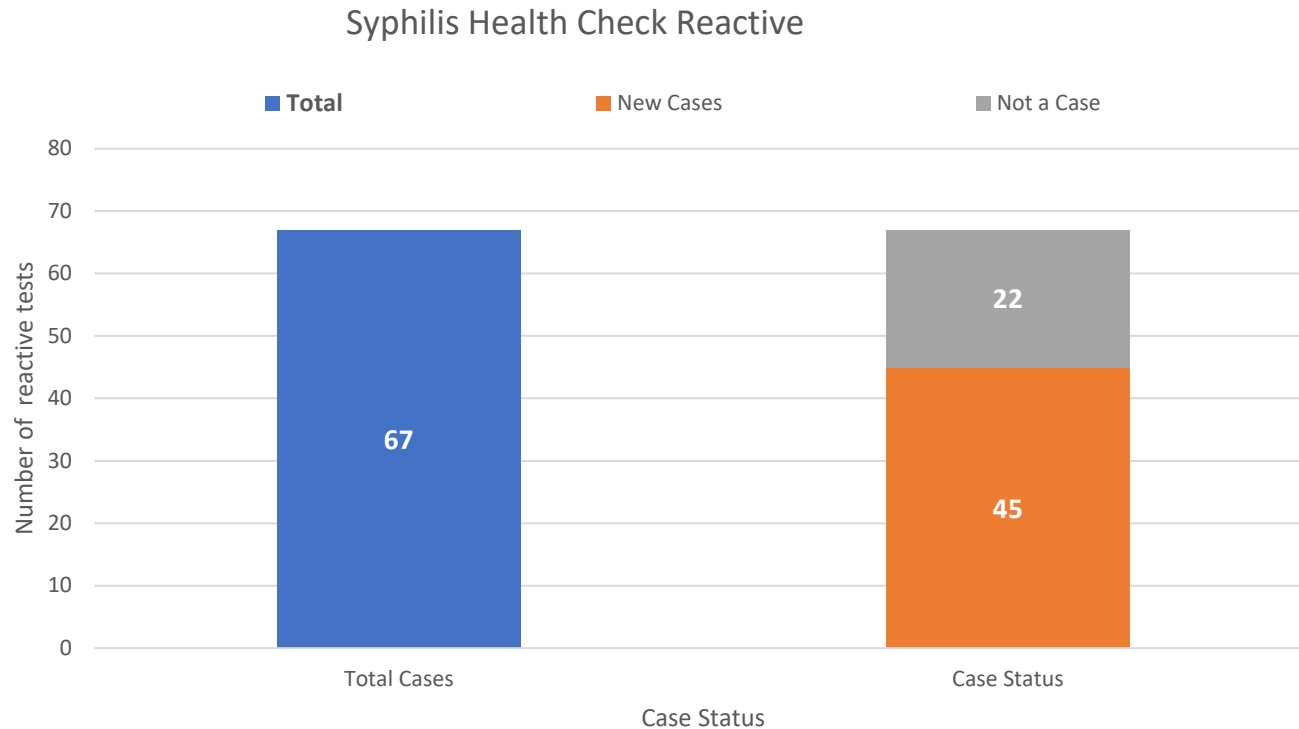
## Key Point

Compared to the overall population of people with syphilis in King County, those diagnosed at SCORE are more likely to be women or cisgender MSW



# SCORE Jail- New Cases

November 2021 – May 2023



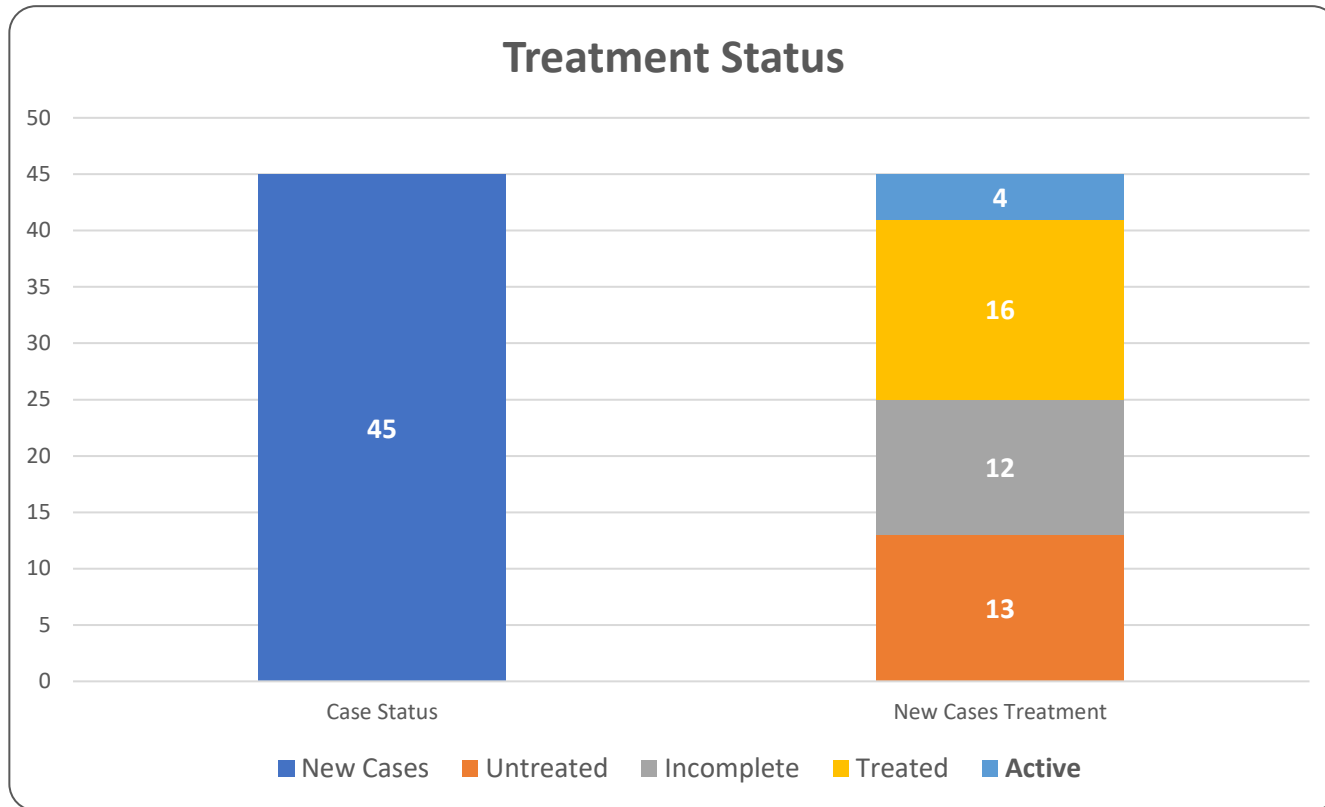
## Key Point

67 % (n=45) of reactive Syphilis Health Check tests were true new cases

# SCORE Jail- Treatment

November 2021 – May 2023

Number of new syphilis cases

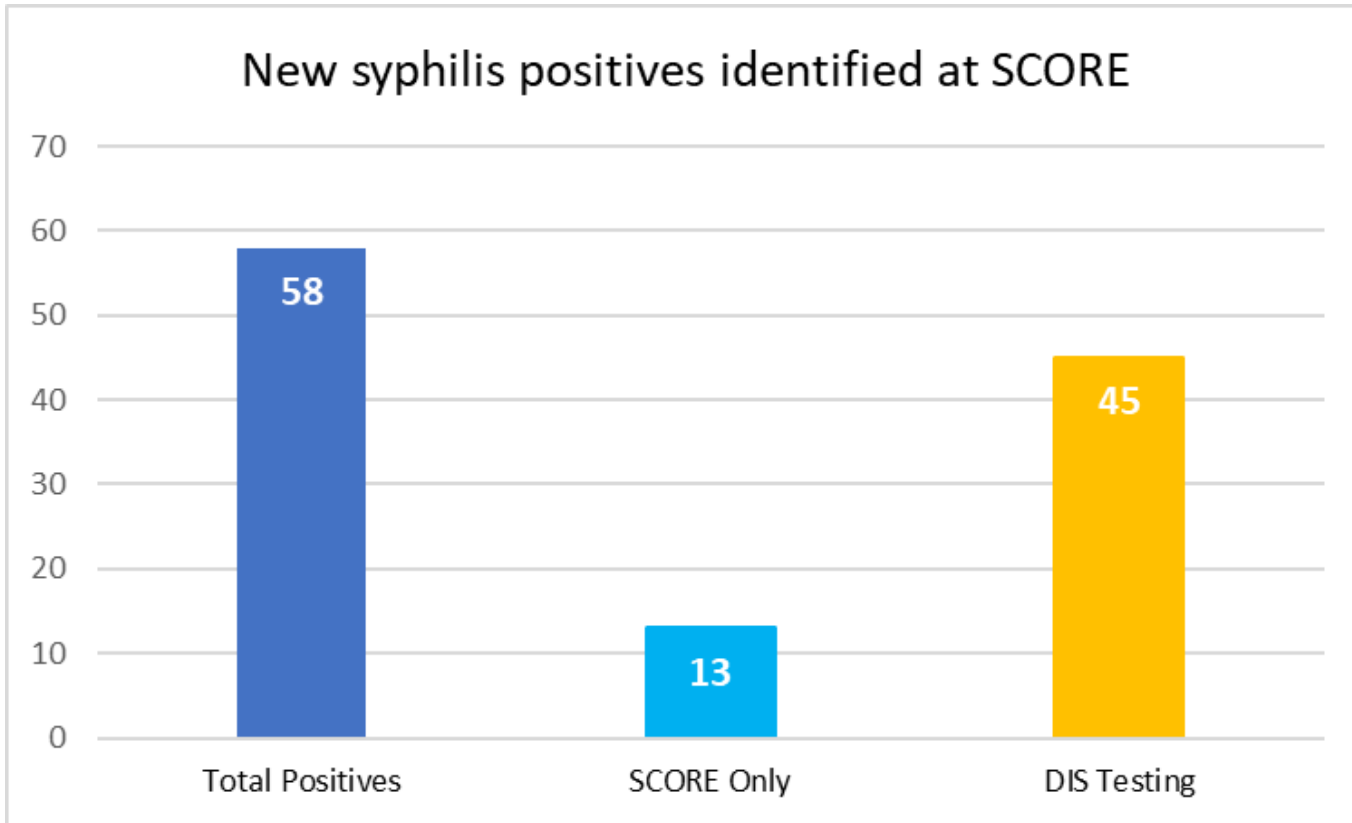


### Key Point

55% (n=25) of new cases were untreated or did not complete treatment

# SCORE Jail- DIS Testing Impact

November 2021 – May 2023

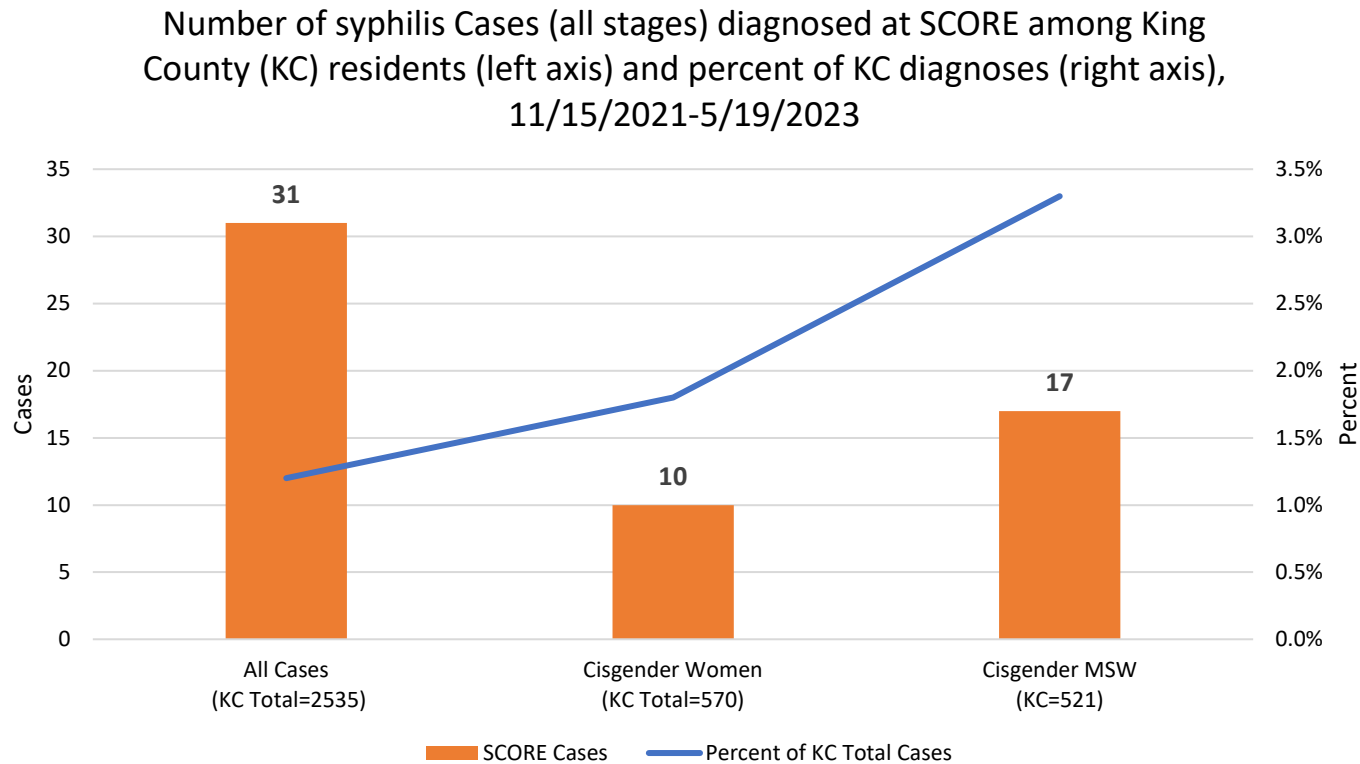


## Key Point

76% of new cases found through DIS Testing at SCORE

# SCORE Jail- DIS Testing Impact

November 2021 – May 2023



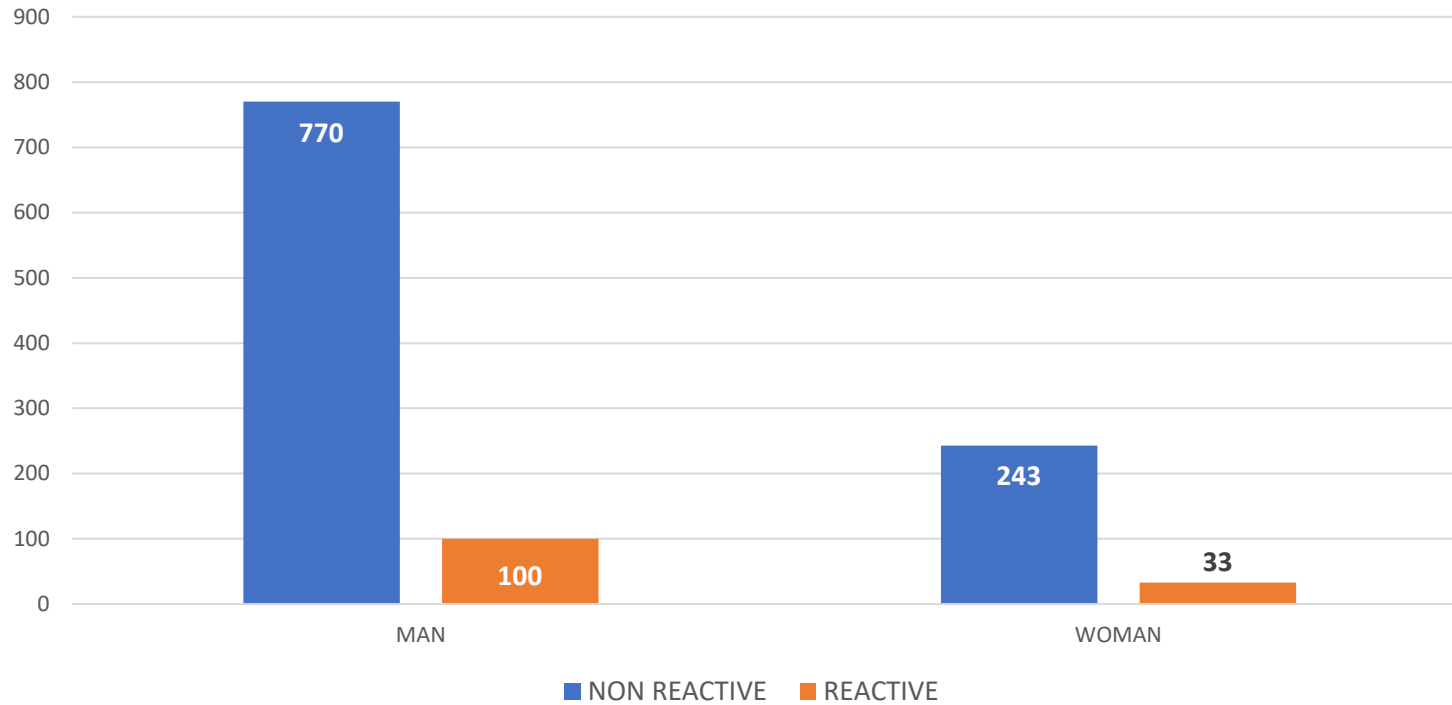
**Key Point**

SCORE DIS testing consisted of 3% of new cases identified among King county residents

# SCORE Jail- HCV

November 2021 – May 2023

### HCV Testing



### Key Point

The percent of Men and Women testing positive for HCV was about 12%

# SCORE Jail- HIV

	NON- REACTIVE	REACTIVE	Total
MAN	1016	1	<b>1017</b>
WOMAN	324	2	<b>326</b>
<b>Total</b>	<b>1348</b>	<b>3</b>	<b>1351</b>

## Key Point

3 new cases of HIV  
identified

# Lessons Learned

- Best practices
  - SCORE Programs Department = critical relationship
  - Building strong relationships with correctional officers
- Lessons learned
  - Remote access to EPIC electronic medical record (or paper charts), no phones allowed
  - Strategizing with correctional officers about best time to test
- Still working
  - Building relationship with medical team
  - Key difficulty has been ensuring appropriate treatment
  - New Intervention: doxycycline at release for people who have not completed treatment

# Summary and Conclusions

- Testing at SCORE Jail has been effective at identifying new syphilis cases, particularly in key populations
- Relationships with Programs Department & correctional officers are key
- Treatment completion is key area for improvement



Thank you!

Questions?

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[Julie.dombrowski@kingcounty.gov](mailto:Julie.dombrowski@kingcounty.gov)



# Discussion

*Drop questions in the chat or click the “Raise Hand” icon*

# What to Expect Next

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- Service delivery toolkit available in July
- Part 2 will focus on logistics of service delivery - Wednesday 6/14/23 at 3PM ET – scan QR code for registration link
- Part 3 will focus on assessing impact of services – Wednesday 6/28/23 at 3PM ET – registration link will be shared next week



# Thank you for joining us!

*Questions?*

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