

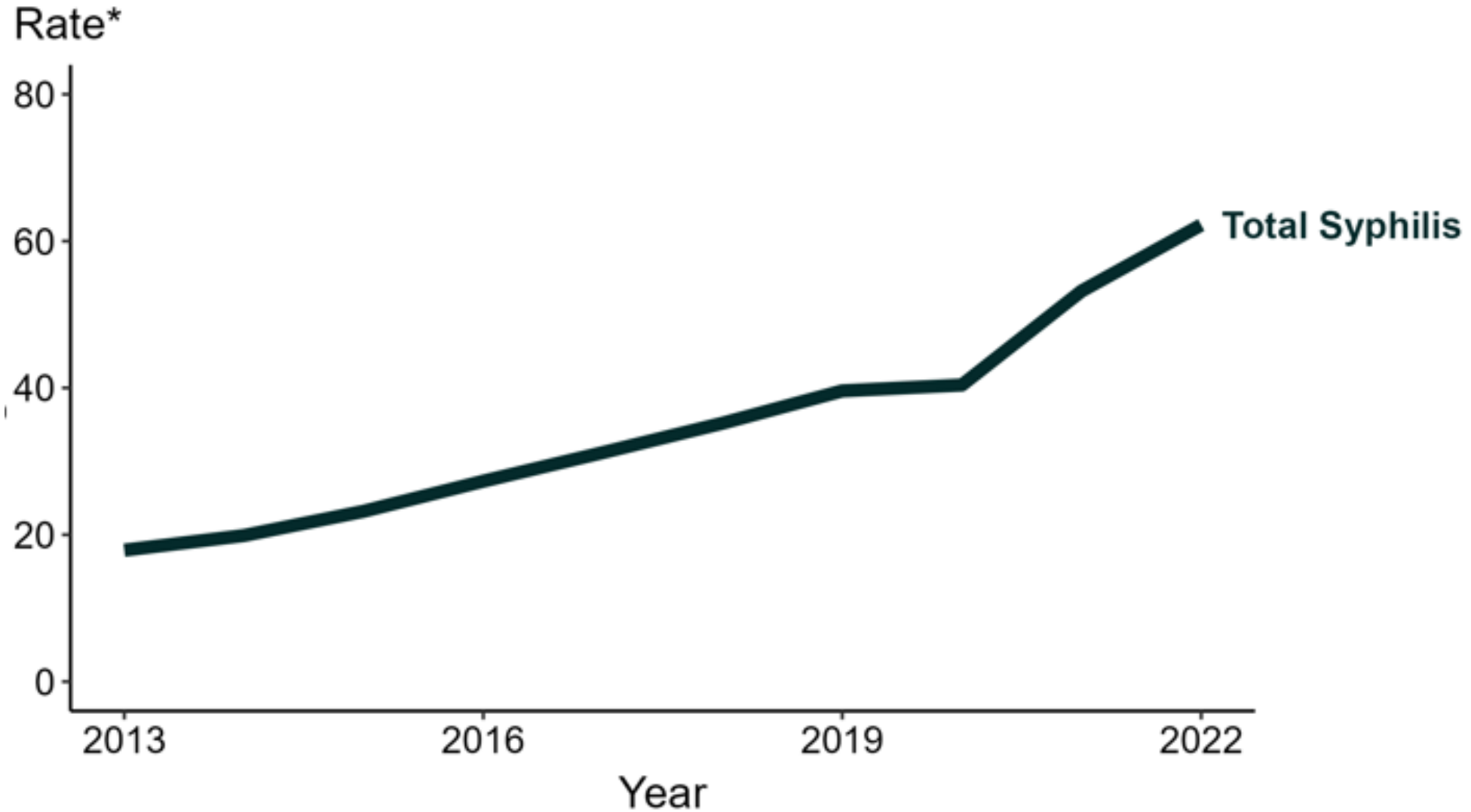


# Congenital Syphilis in Tennessee

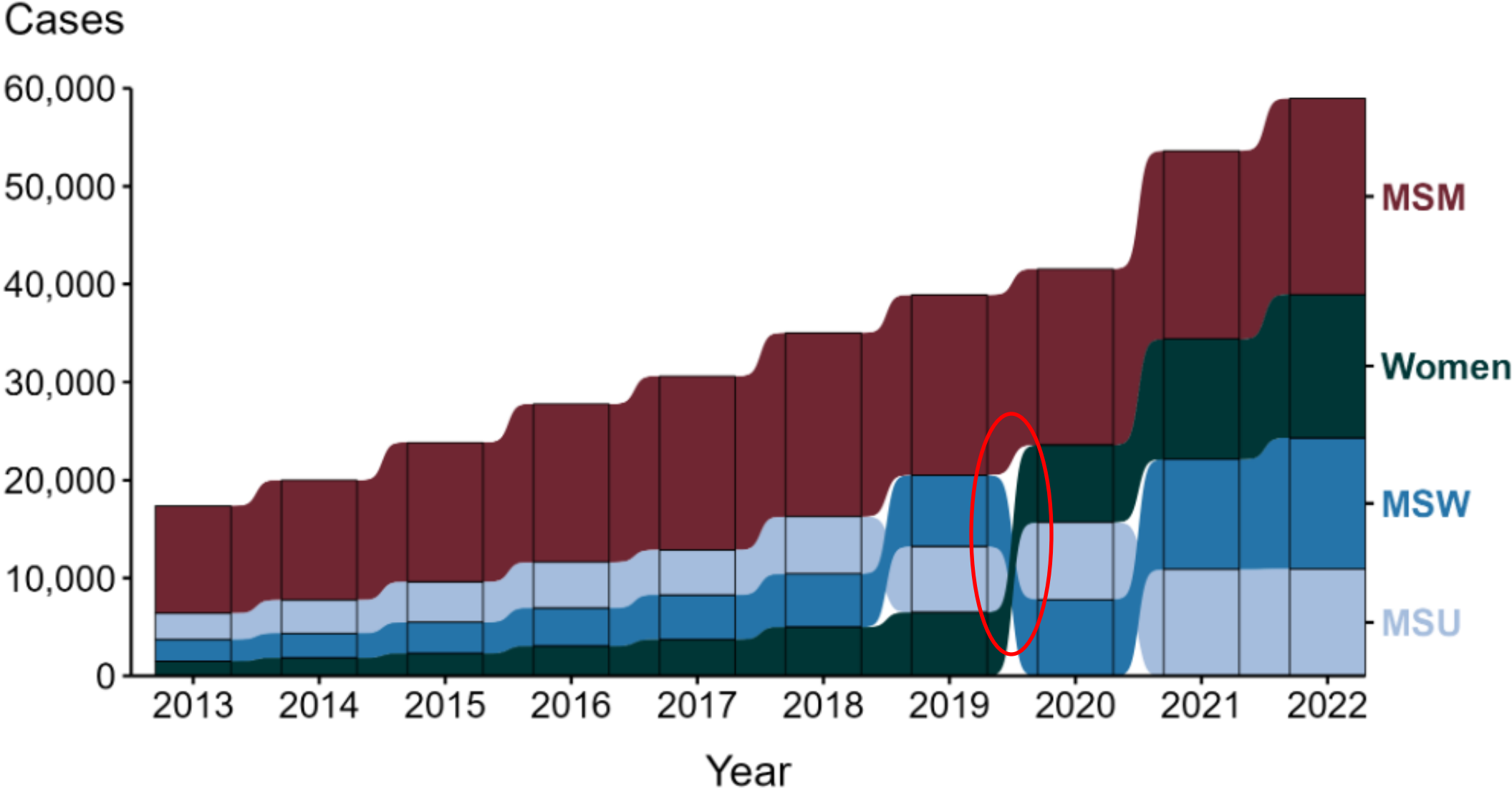
March 26, 2024

Steffany Cavallo, STI Program Director

# Syphilis – all stages, United States, 2013–2022



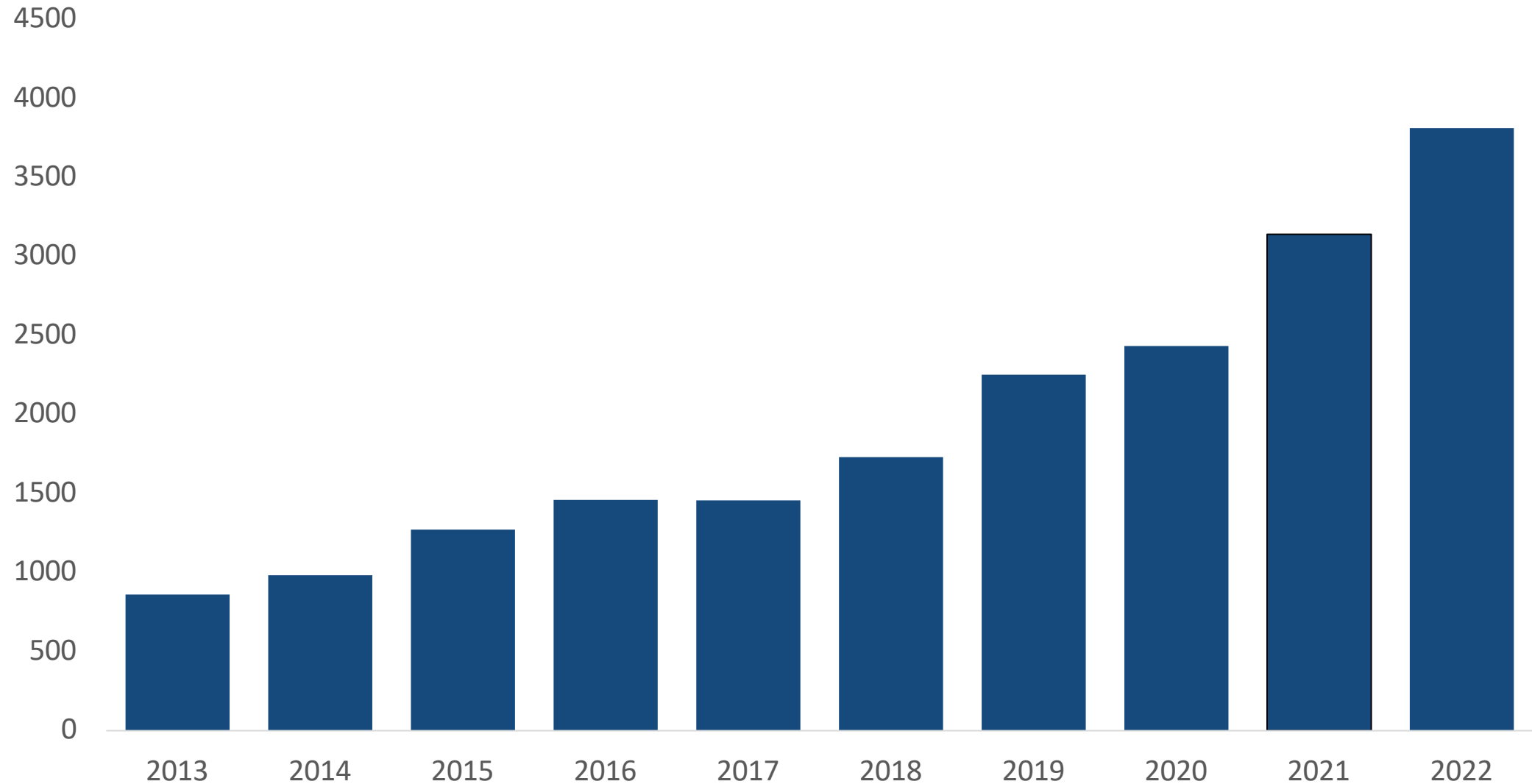
# Primary and Secondary Syphilis – by sex and sex of partners, 2013-22



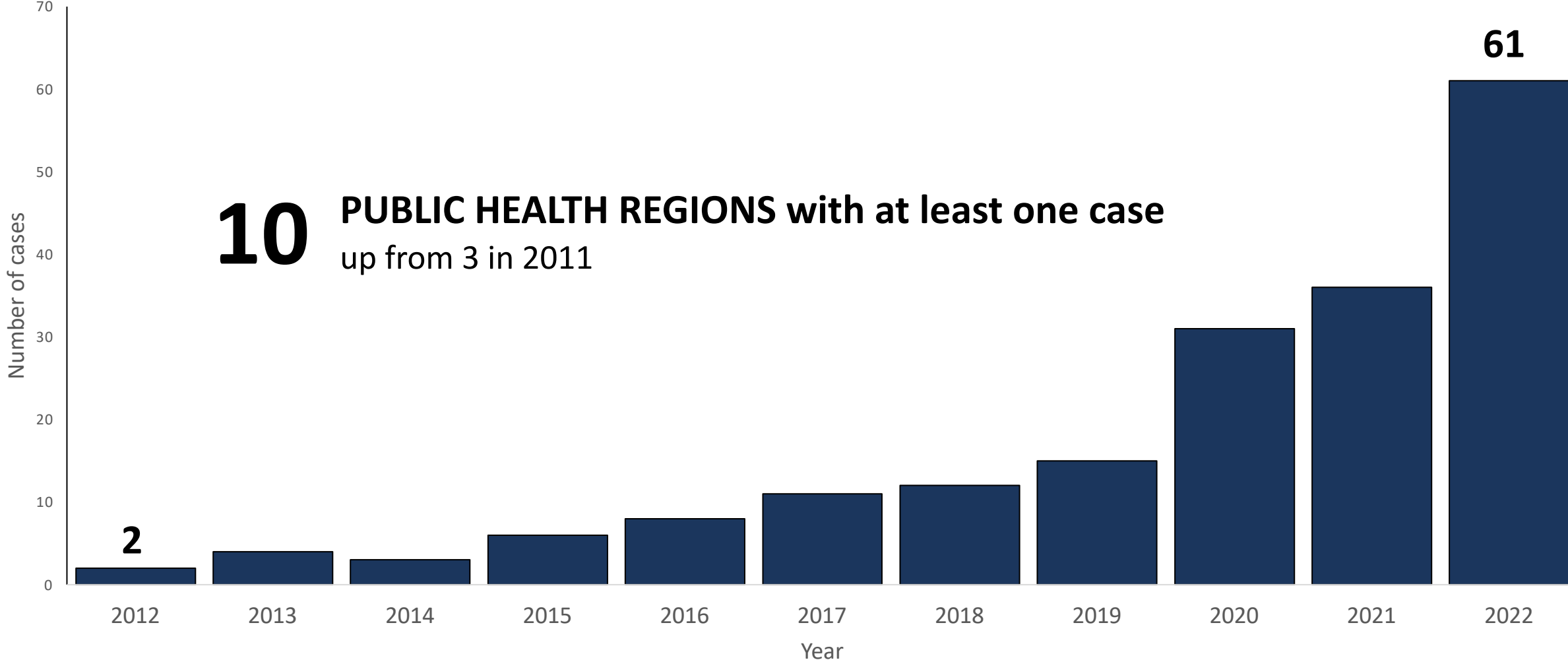
<https://gis.cdc.gov/grasp/nchhstpatlas/charts.html>



# Syphilis (all stages) in TN, 2013–2022



# Congenital Syphilis in Tennessee, 2012-2022

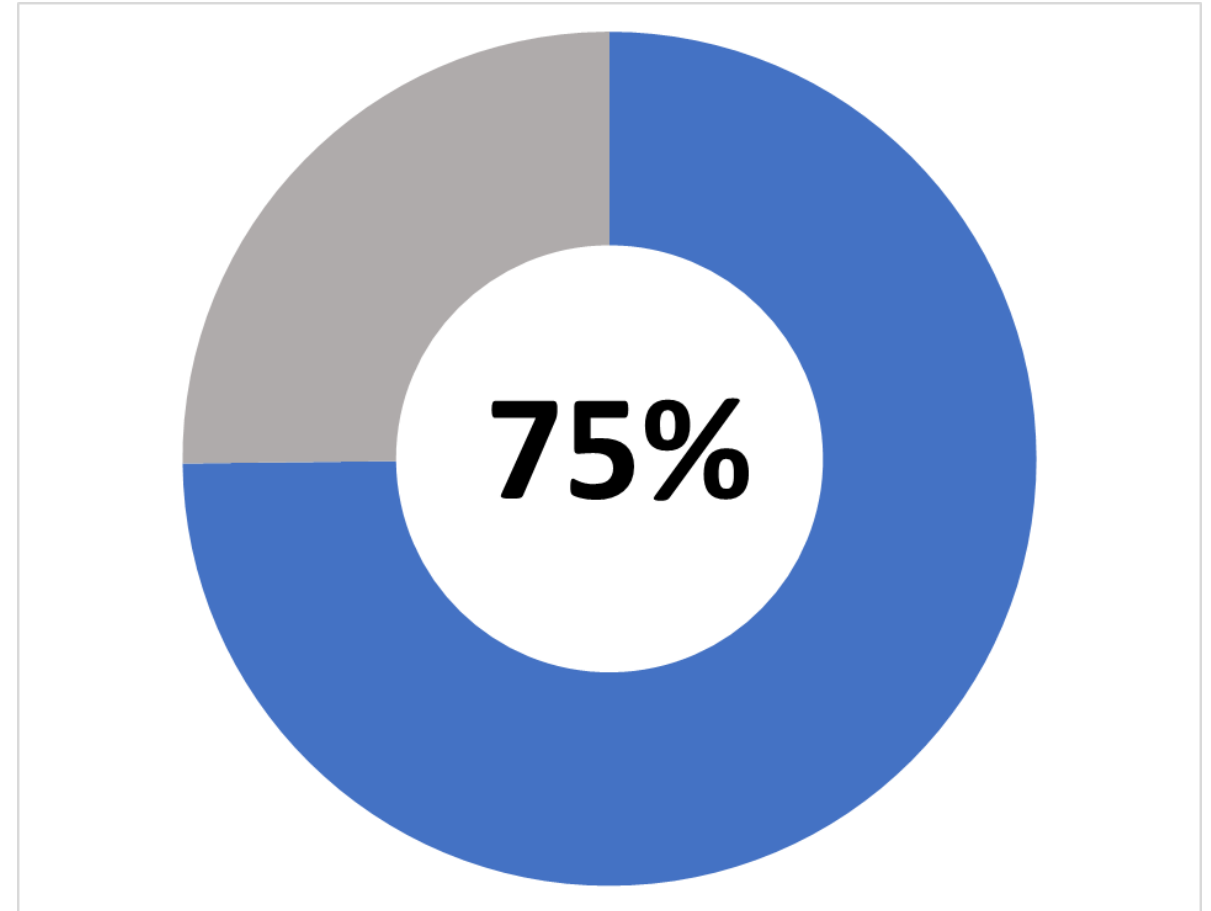


# Key data points about our CS cases, 2022 (n=61)

- 76% of mothers of CS cases had *some* prenatal care
  - 49% had <5 prenatal care visits
- 15% of mothers who gave birth to CS babies had a *negative* syphilis screen in the 1<sup>st</sup> or 2<sup>nd</sup> trimester
  - not rescreened at 28-32 weeks
  - All 9 had some prenatal care
- 4 mothers who had a CS baby in 2022 had at least one CS baby in the past
- Retrospective cohort study, 2016 – 2020 (internal data):
  - 32% of mothers had a touchpoint in an Emergency Department in treatment window
  - Receipt of WIC services was *protective*

# Contributors to congenital syphilis in TN

- Detection
  - Infection during pregnancy/reinfection
  - Diagnostics imperfect
  - Lack of or late prenatal care
- Treatment
  - Inadequate treatment for stage
  - Not timely
- Unreported and untreated partners

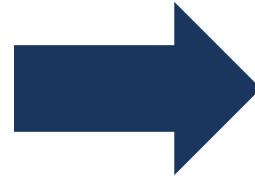


**Potential congenital syphilis cases averted in 2021**

# What can you do?

- Detection

- Infection during pregnancy/reinfection
- Diagnostics imperfect
- Lack of or late prenatal care



Screen for syphilis at multiple timepoints. Ideally: 1<sup>st</sup>, 3<sup>rd</sup> trimester and at delivery

- Treatment

- Inadequate treatment for stage
- Not timely



If you have Bicillin, treat.

- Unreported and untreated partners



Talk to patients about their sexual health and their partners





# Provider Resources

# Local Health Department Contacts - STI

## STI Contacts for Regional Health Departments

West	Mid-Cumberland	South Central	Upper Cumberland	Southeast	East	Northeast
Felicia Stegall STI Manager	Lakesha Marshall STI Manager	Karan Kilpatrick STI Manager	Robin Palmer HIV/STI Manager	Beth Thomas STI Manager	Erika Hampton STI Manager	Samantha Webb STI Manager
P: 731-421-6745 F: 731-421-5000	P: 615-650-7041 P: 615-650-7025	P: 931-490-8362 931-490-8362	P: 931-646-7550 F: 931-520-7575	P: 423-634-5804 F: 423-634-3139	P: 865-601-7688 P: 865-549-5290	P: 423-979-4653 C: 423-202-5879



## STI Contacts for Metro Health Departments

Shelby	Madison	Davidson	Hamilton	Knox	Sullivan
Misty Hayes-Winton Program Manager	Quill Brabham HIV/STI Manager	Norman Foster STI/HIV Manager	Arlisia Craig STI Manager	Chad Burry Patient Services Manager	Heather Mullins Regional EPI/STD Director
P: 901-222-9416 P: 901-222-9427	P: 731-927-8534 C: 731-431-3561	P: 615-340-5695 F: 615-340-8560	P: 423-209-8264 F: 423-209-8259	P: 865-215-5267 C: 865-363-7105	P: 423-279-7545 F: 423-279-2727



# Provider Resources – REDCap Syphilis History



Department of  
**Health**

AAA  
⊕ ⊞

## Tennessee Syphilis History Request

Licensed health care providers can access current and historical syphilis test results and treatment information for patients who are Tennessee residents to inform the diagnosis and management of syphilis in their patients. Clinical consultation is available at the National Network of STD Clinical Prevention Training Centers clinical consult network [NNPTC Online Consultation](#).

The Tennessee Department of Health (TDH) maintains records of **positive** syphilis test results for Tennessee residents. Clinical laboratories ([laboratory instructions](#)) and healthcare providers ([healthcare provider instructions](#)) are required by law (T.C.A. §68 Rule 1200-14-01-.02) to report all positive syphilis test results for Tennessee residents. Additional information on reportable disease in Tennessee is available at this [link](#).

### Instructions:

1. Complete the following survey
2. A Tennessee Department of Health employee will call the office/facility phone number to confirm that the individual is a current patient; once confirmed, the staff member will call the requesting provider preferred phone
3. Test results and treatment history will be provided verbally then securely emailed to the requesting healthcare provider
4. If no results are found, a secure email will be sent to the requesting healthcare provider
5. Institutional firewalls occasionally block receipt of emails. If you do not receive a response in the expected timeframe, please call **615-741-7500** and ask to speak with **Rebecca Moore** or **Lavonne Cole**



<https://redcap.health.tn.gov/redcap/surveys/?s=MJFDY39AKM3WLKJJ>

# Provider Resources – REDCap Syphilis History

Facility Information	
Facility or Practice Name: <small>* must provide value</small>	<input type="text"/>
Facility Address: <small>* must provide value</small>	<input type="text"/>
Facility City: <small>* must provide value</small>	<input type="text"/>
Facility State: <small>* must provide value</small>	Tennessee <input type="button" value="v"/>
Facility Zipcode: <small>* must provide value</small>	<input type="text"/>
Practice or facility direct phone number to confirm patient's relationship to requesting provider: <small>* must provide value</small>	<input type="text"/> <small>XXX-XXX-XXXX</small>
Provider Information	
Requesting Clinician: <small>* must provide value</small>	<input type="text"/>
Requesting Clinician Tennessee License Number: <small>* must provide value</small>	<input type="text"/>
Requesting Clinician National Provider Identifier: <small>* must provide value</small>	<input type="text"/>
Clinician Direct Phone Number: <small>* must provide value</small>	<input type="text"/> <small>XXX-XXX-XXXX   Please provide a cell phone or staffed office</small>



# Clinical Consultation


National STD Curriculum [Sign In or Register](#)

Self Study | Quick Reference | Question Bank | STD Podcast | Lecture Series | Mpox Guide | **Clinical Consultation** | Master Bibliography

## STD Clinical Consultation Network

**For Licensed Healthcare Professionals and STD Program Staff**

- The *National STD Curriculum* does not provide clinical consultation. If you are interested in obtaining clinical consultation regarding STD-related patient care, please contact the STD Clinical Consultation Network.
- The STD Clinical Consultation Network is a free clinical consultation service provided by expert faculty at regional STD Prevention Training Centers, as part of the National Network of STD Clinical Prevention Training Centers.
- The STD clinical consultation service is available only to licensed healthcare professionals and STD program staff.



**National Network of STD Clinical Prevention Training Centers**

### STD Clinical Consultation Network

Consultations can be submitted at <https://www.STDCCN.org> or by clicking on the logo above.

#### Benefits for National STD Curriculum members

Signed in members are able to pre-fill some of the required information on the STD CCN consultation form.

Already have an account? [Sign in](#) to take advantage of this benefit.

Syphilis management? Resistant gonorrhea? STD treatment?

## GOT A TOUGH STD QUESTION?

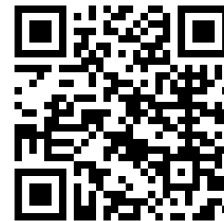
Get FREE expert STD clinical consultation at your fingertips



Ask your question | National STD experts review | Response within 1-5 business days, depending on urgency

Log on to [www.STDCCN.org](http://www.STDCCN.org) for medical professionals nationwide

<https://www.stdccn.org/render/Public>



# Clinical Resources

Centers for Disease Control and Prevention  
**MMWR**

Morbidity and Mortality Weekly Report

Recommendations and Reports / Vol. 70 / No. 4

July 23, 2021

## Sexually Transmitted Infections Treatment Guidelines, 2021



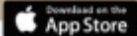
U.S. Department of Health and Human Services  
Centers for Disease Control and Prevention

## SMART PHONE, SMART CARE

STD Clinical Toolbox: A free app for medical professionals nationwide



- LATEST STD NEWS
- STD TREATMENT GUIDELINES
- STD EDUCATIONAL COURSES
- STD-RELATED CONFERENCES



STD Clinical Consultation Network

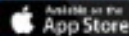
[www.NNPTC.org](http://www.NNPTC.org)

## STI Treatment Guide Mobile App

- More Comprehensive
- More Integrated
- More Features



Download CDC's free app for iPhone and Android devices.



# National STD Curriculum

National STD Curriculum

Sign In or Register

Self Study Quick Reference Question Bank STD Podcast Lecture Series Mpox Guide Clinical Consultation Master Bibliography

## National STD Curriculum

A free educational website from the University of Washington STD Prevention Training Center.




Contributors

Funded by Centers for Disease Control and Prevention (CDC)

### National STD Curriculum Updates

- NEW illustrated *Mpox Clinical Guide* reviews life cycle, manifestations, diagnosis, four treatment options, and prevention
- Seven 2nd Edition lessons and twenty-five question bank topics offer new CME, CME+MOC, CNE, and CE
- 2nd Edition content includes new recommendations in the CDC 2021 STI Treatment Guidelines
- Podcast series explores significant issues including testing for gonorrhea and antimicrobial resistance, HSV, and syphilis.

### STD & STI 2nd Edition Lessons

 <b>Chlamydia</b> Chlamydial Infections	<b>Quick Reference</b> > Rapidly access info about Chlamydia	<b>Self-Study</b> 2nd Edition CNE/CME Track progress and receive CE credit	<b>Question Bank</b> CNE/CME Interactive board-review style questions with CE credit
 <b>Gonorrhea</b> Gonococcal Infections	<b>Quick Reference</b> > Rapidly access info about Gonorrhea	<b>Self-Study</b> 2nd Edition CNE/CME Track progress and receive CE credit	<b>Question Bank</b> CNE/CME Interactive board-review style questions with CE credit
 <b>Syphilis</b>	<b>Quick Reference</b> > Rapidly access info about Syphilis	<b>Self-Study</b> 2nd Edition CNE/CME Track progress and receive CE credit	<b>Question Bank</b> CNE/CME Interactive board-review style questions with CE credit

Self Paced Learning

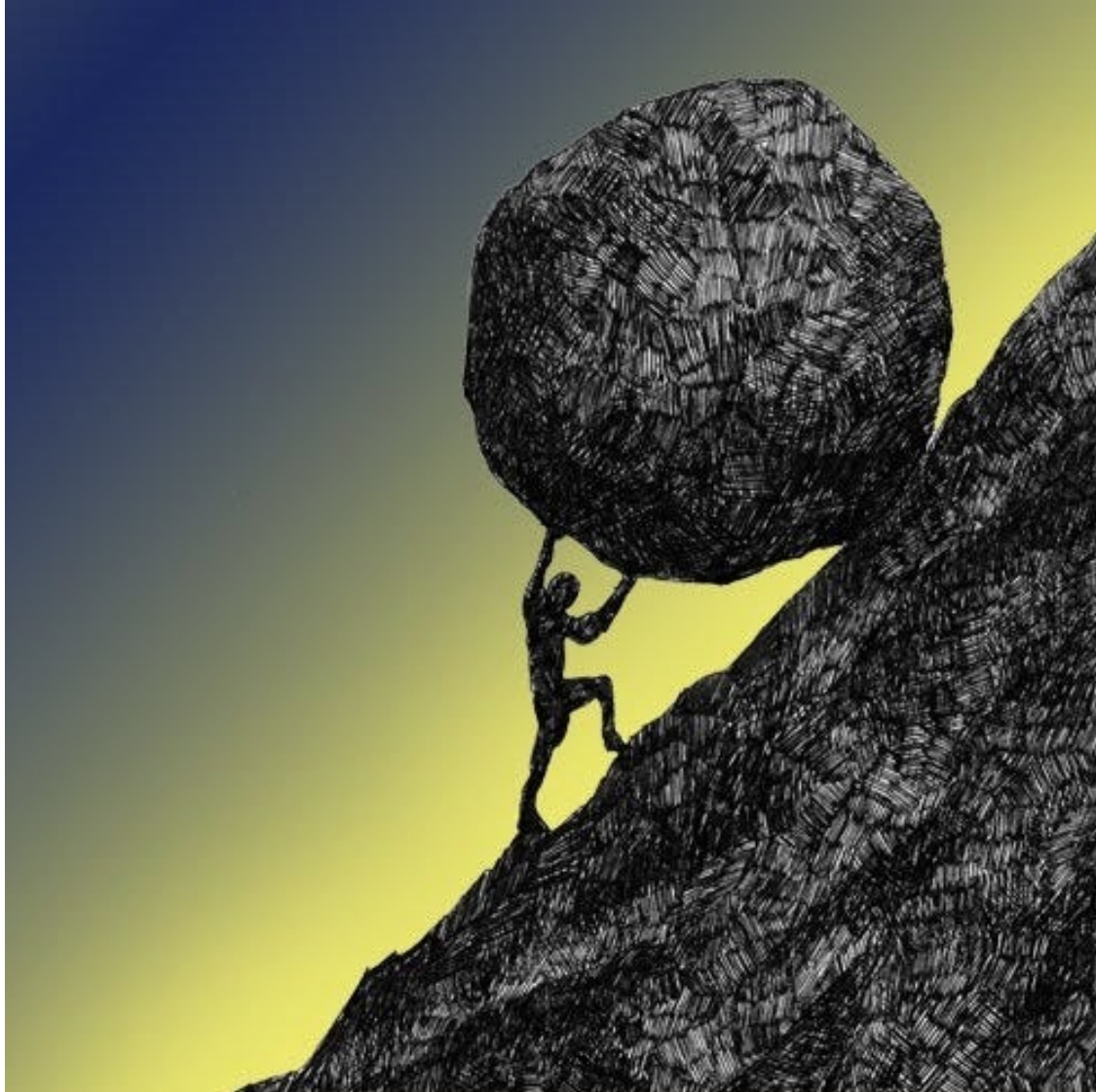
Podcasts with SME

FREE!

CE Credits

<https://www.std.uw.edu/>

# Thank you!



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