



CONGENITAL SYPHILIS OVERVIEW

DOH-STI Surveillance Section
Friday May 19th 2023

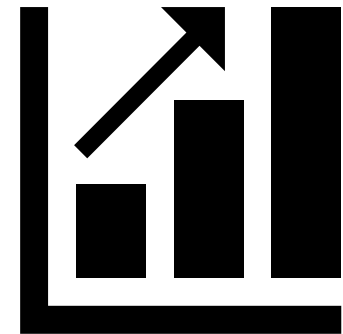
Agenda

- Syphilis Update
- Pregnancy & Syphilis
- Congenital Overview

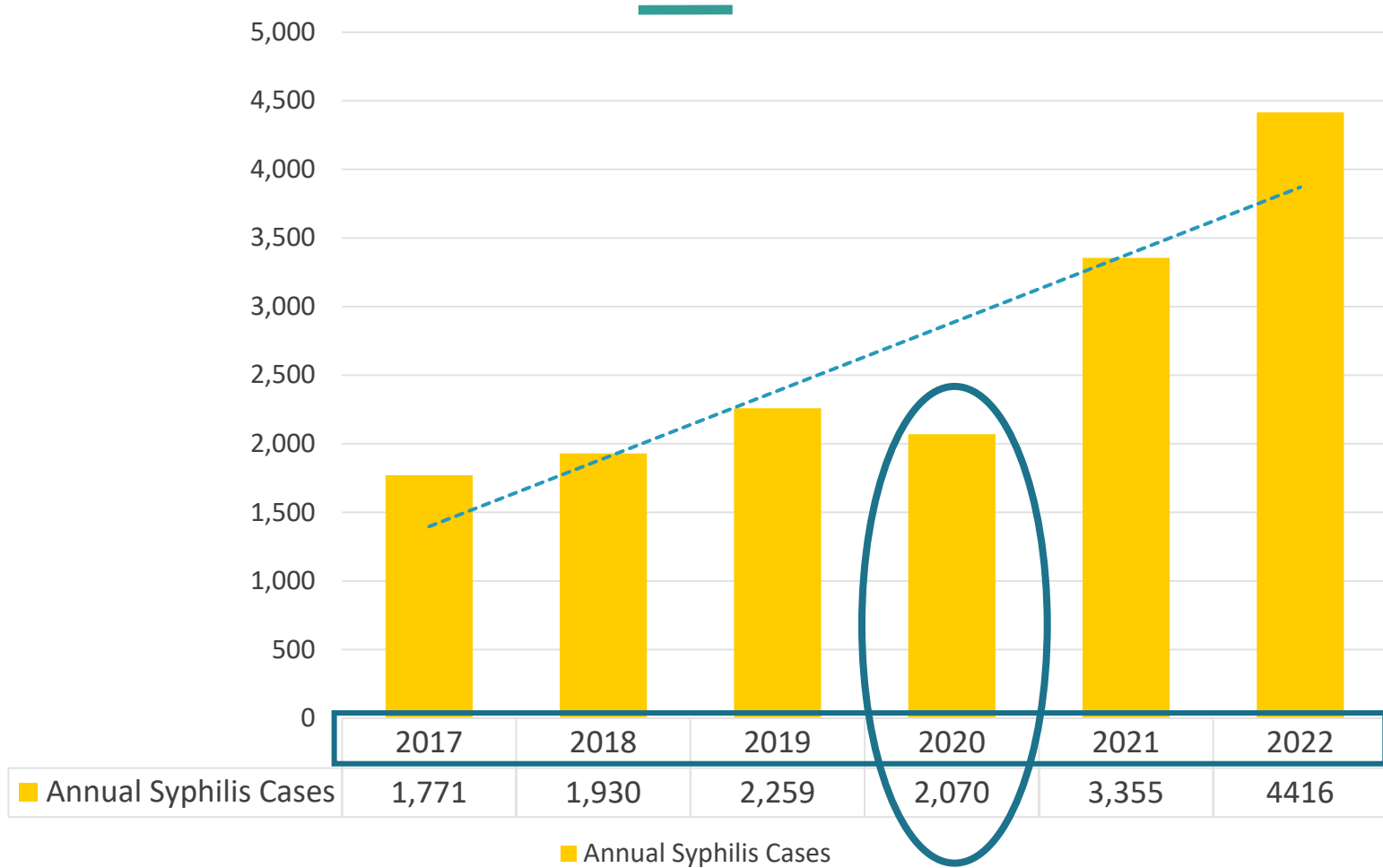


Syphilis Overview

- Increase In Cases
- Nationwide & Statewide
- Race and Rates
- Washington
 - Shift in case profile
 - Increase in pregnant cases
 - Congenital cases

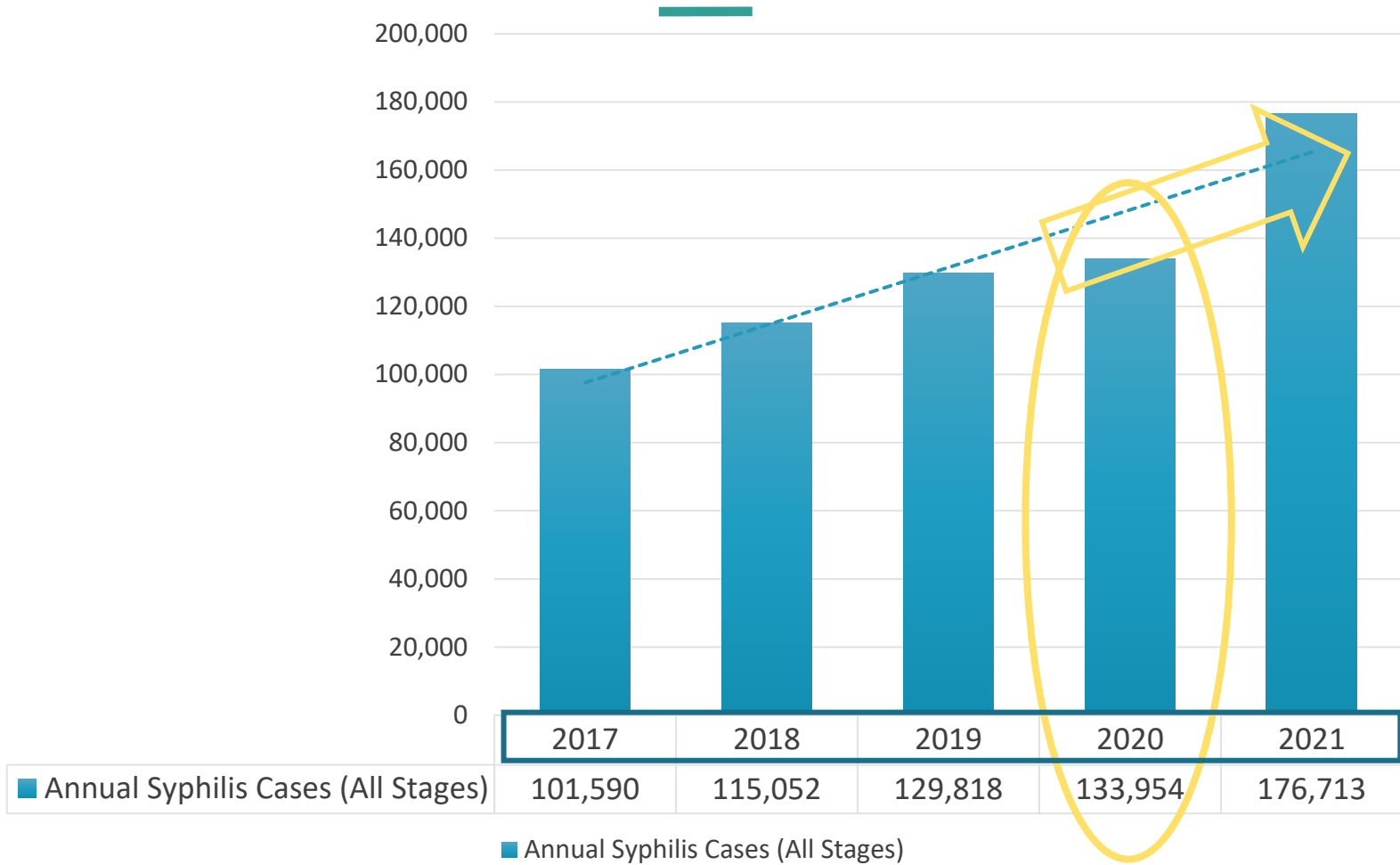


Washington State: Syphilis



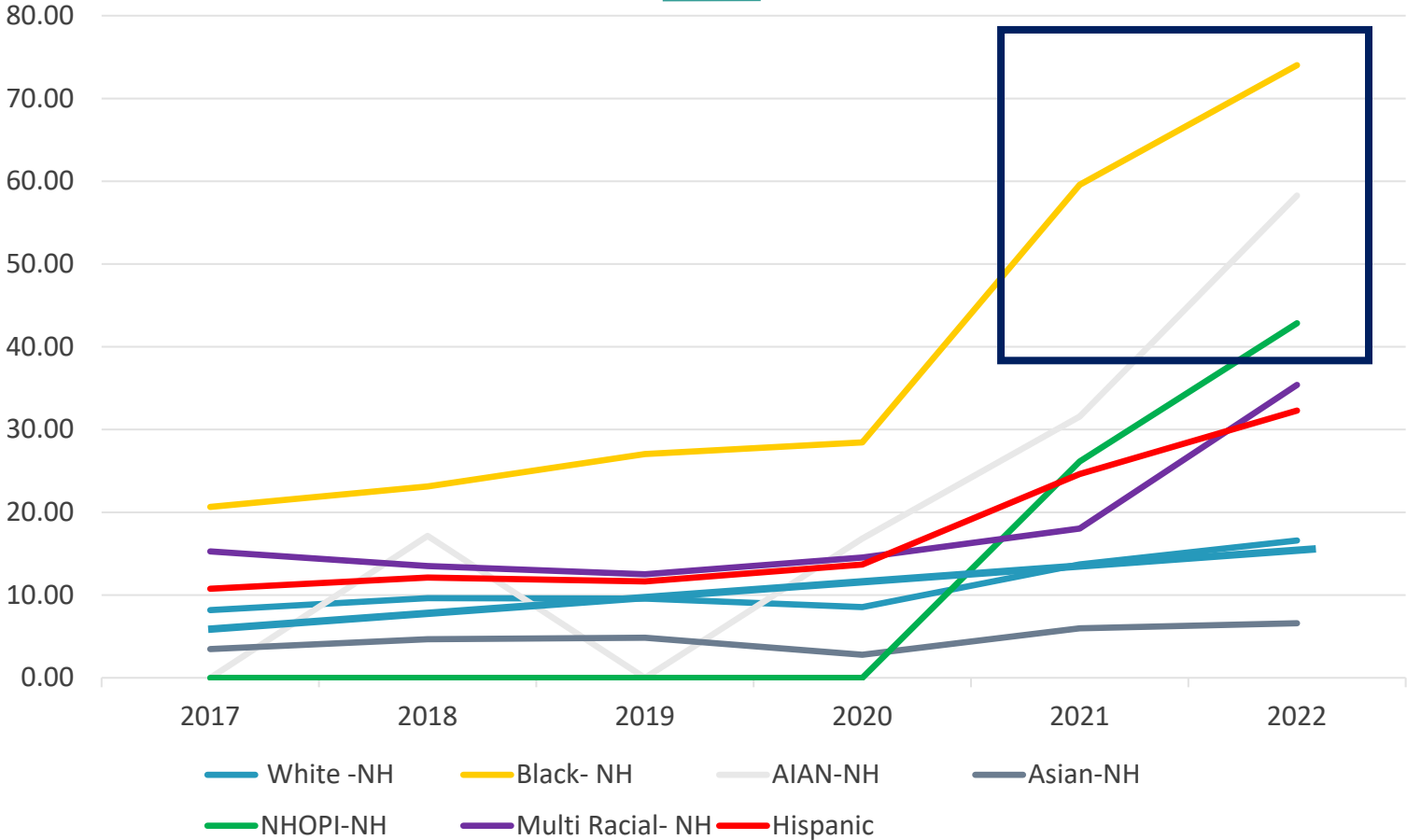
Source: PHIMS-STD.

Nationwide: Syphilis



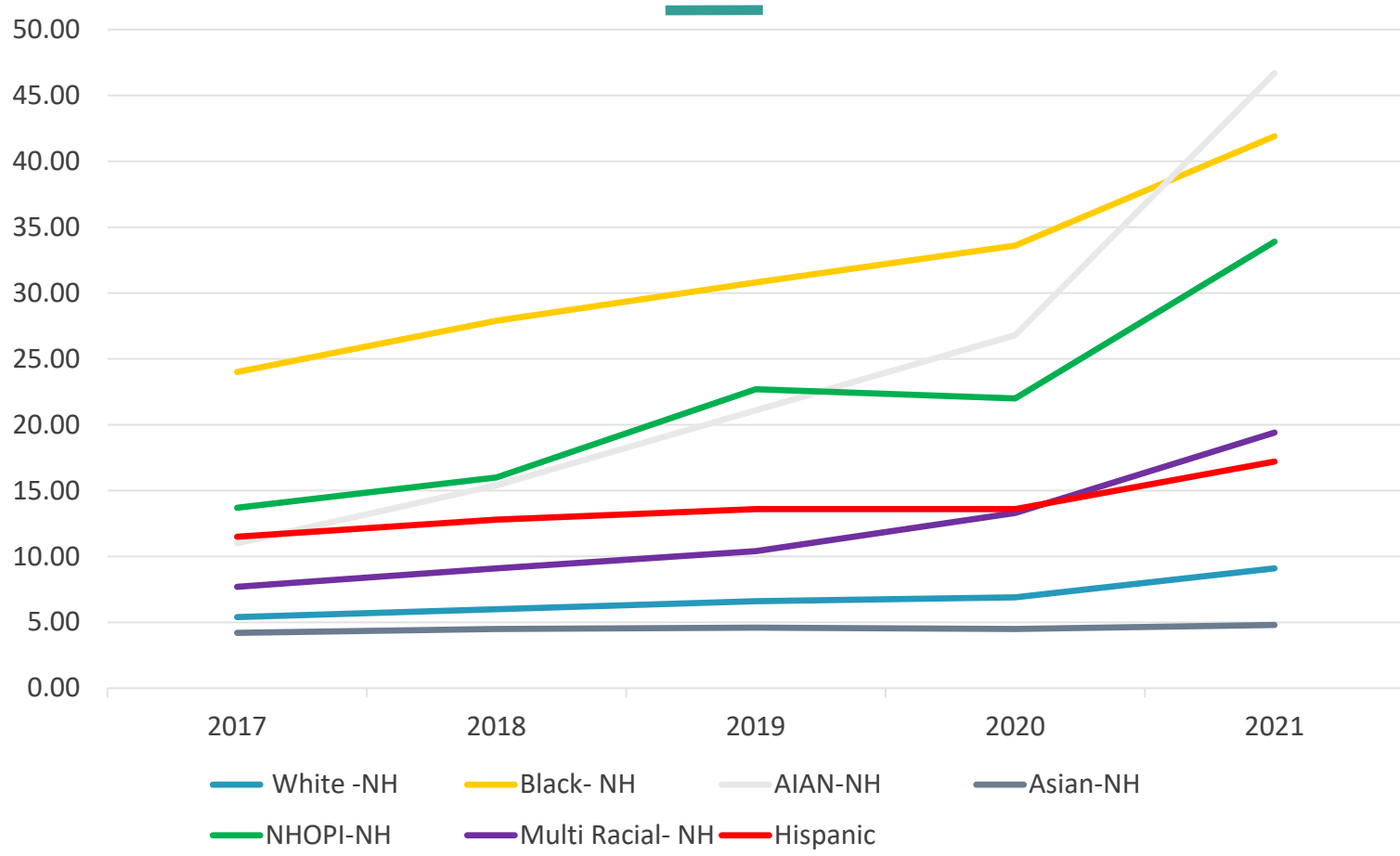
Source: Centers for Disease Control and Prevention

Primary/Secondary Syphilis & Race: WA



Source: PHIMS-STD. Rates Calculated per 100,00

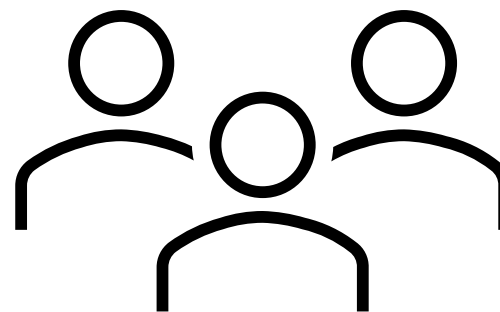
Primary/Secondary Syphilis & Race: Nationwide



Source: Centers for Disease Control and Prevention

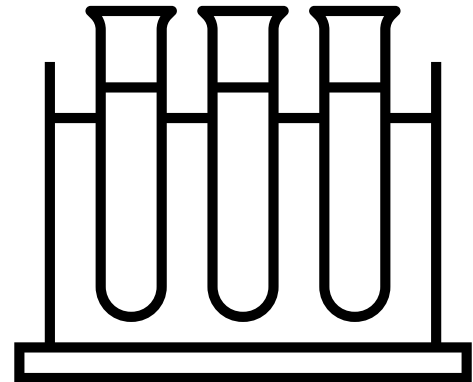
Syphilis Profile

- Historical cases
 - Male
 - MSM
- Change in profile
 - Heterosexual
 - Women
 - Substance Use
- Testing & Treatment
 - Treatment providers
 - Clinical syphilis knowledge

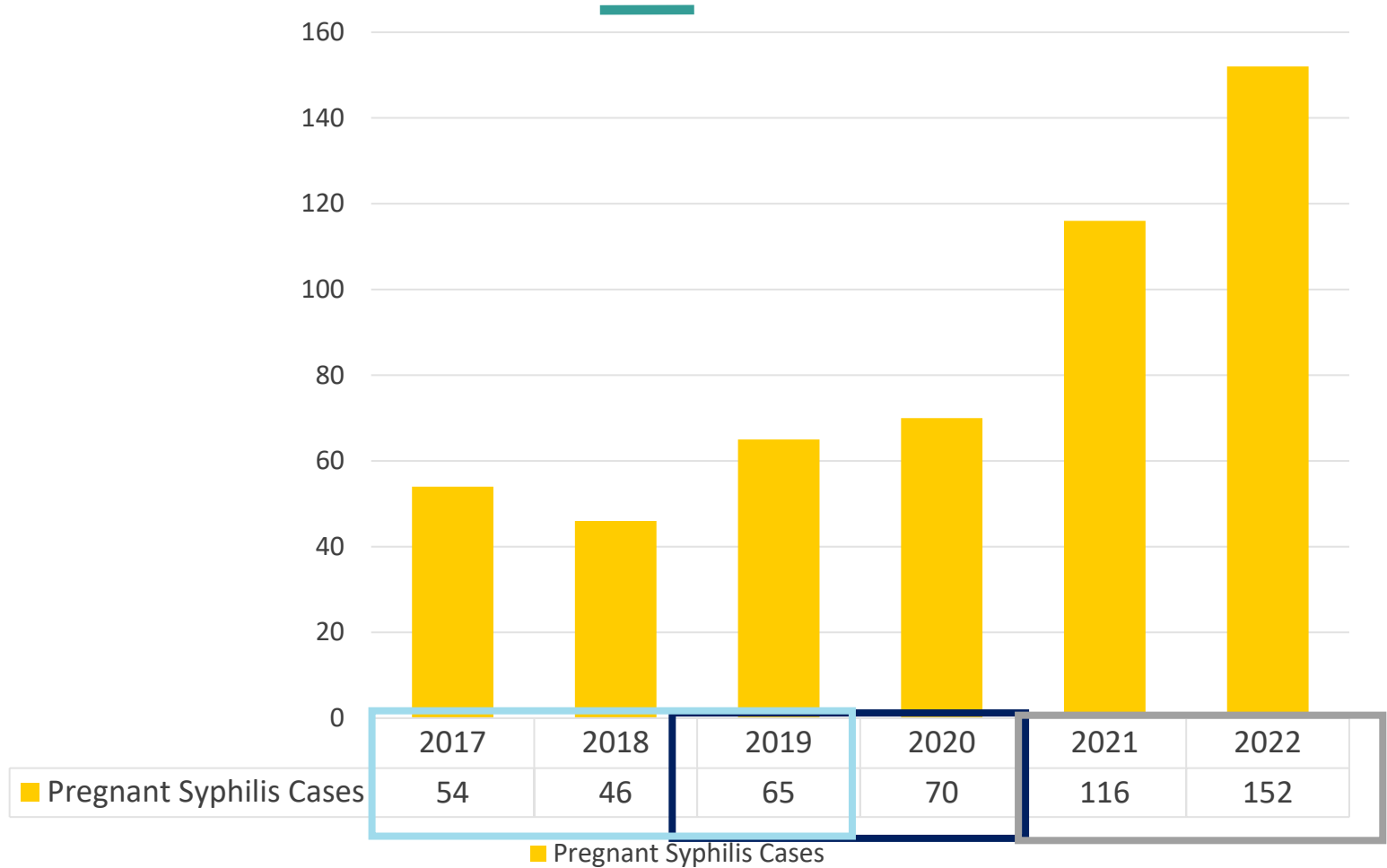


Pregnant Syphilis Update

- Shift In Profile
- Nationwide & Statewide
 - 2017-2021: 51%
 - 2017-2022: 230%
- Pregnant Case Congenital Case
 - Kassowitz law
 - Testing & Treatment

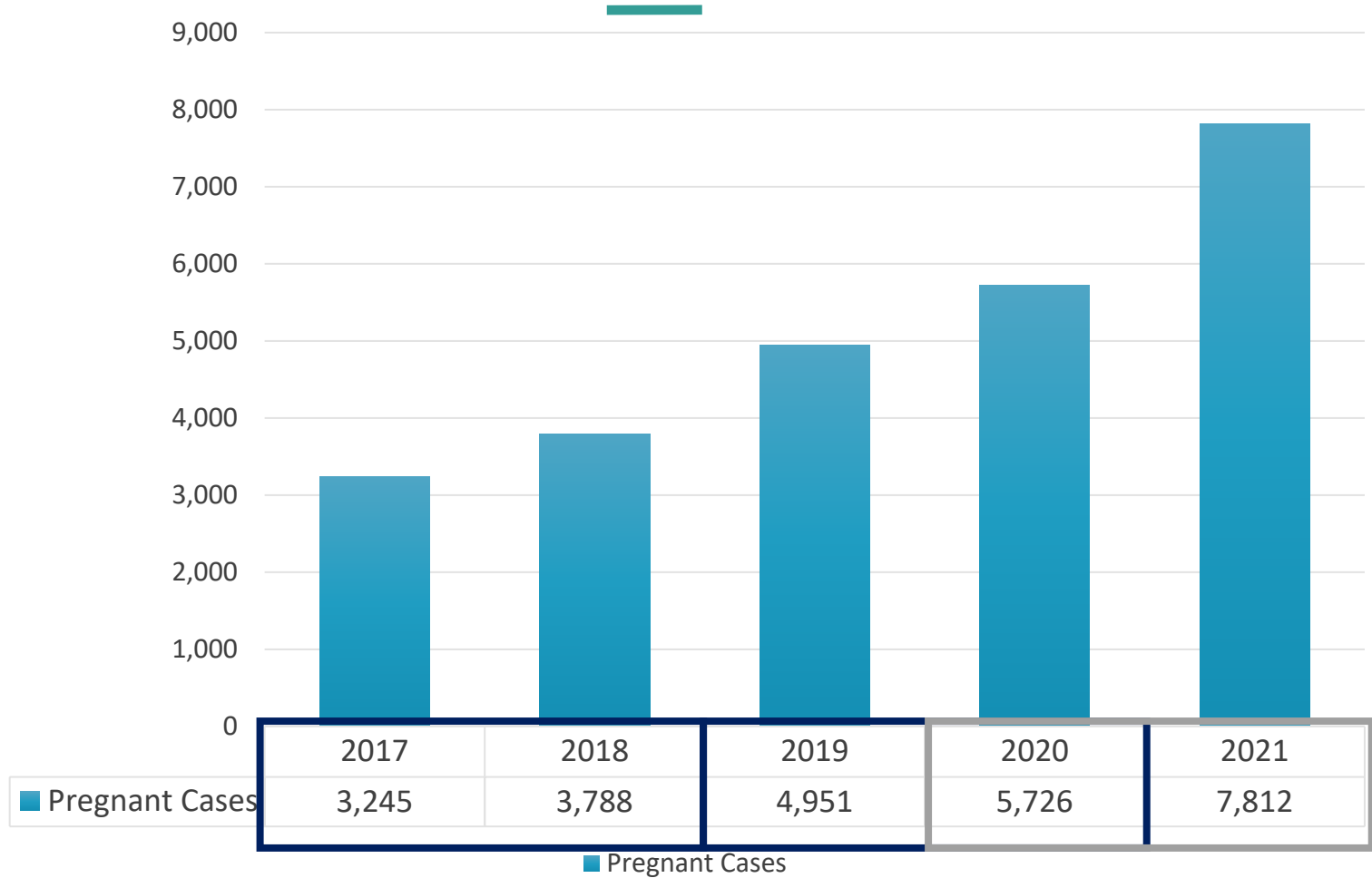


Pregnant Cases: Washington State



Source: PHIMS-STD.

Pregnant Cases- Nationwide



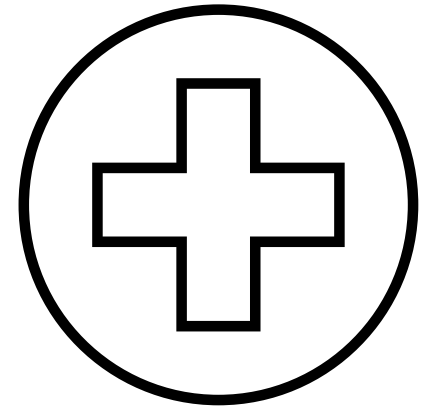
Source: Centers for Disease Control and Prevention

Pregnant Syphilis Cont.

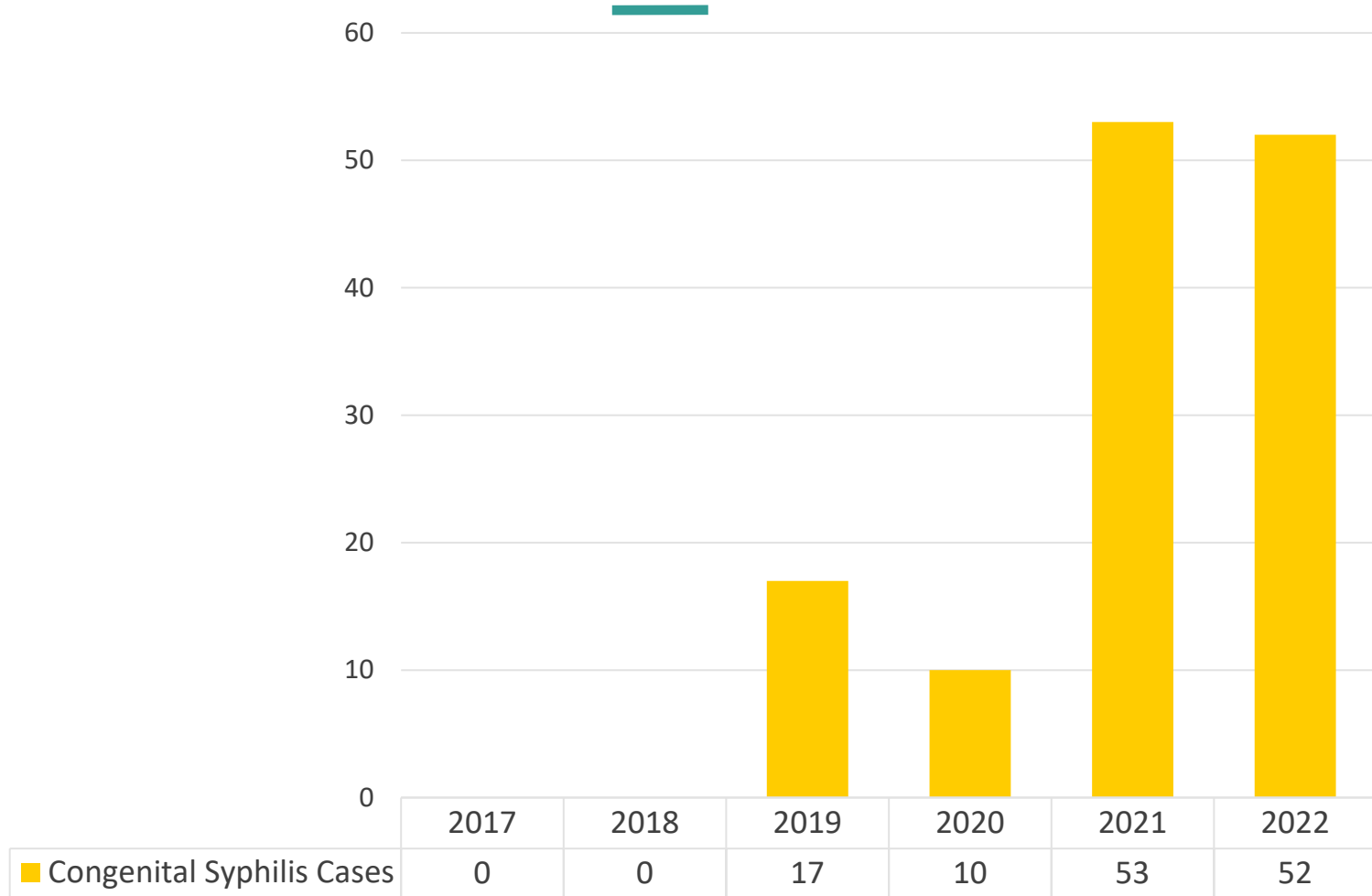
- **Pregnancy & Screening**
 - First trimester
 - Changes in partners & risk
 - Substance use
- **Washington**
 - ~24% of pregnant cases with reported SUDS
 - Counties: Benton-Franklin, King, Pierce, Snohomish, Spokane, and Yakima
 - White, Black, Hispanic
 - AIAN & NHOPI

Congenital Overview

- **Fetal demise**
 - Miscarriage
 - Stillbirth
 - Infant death
- **Major health impacts**
 - Premature/Low Birth Weight
 - Anemia
 - Jaundice
 - Meningitis
- Not all cases have symptoms at birth

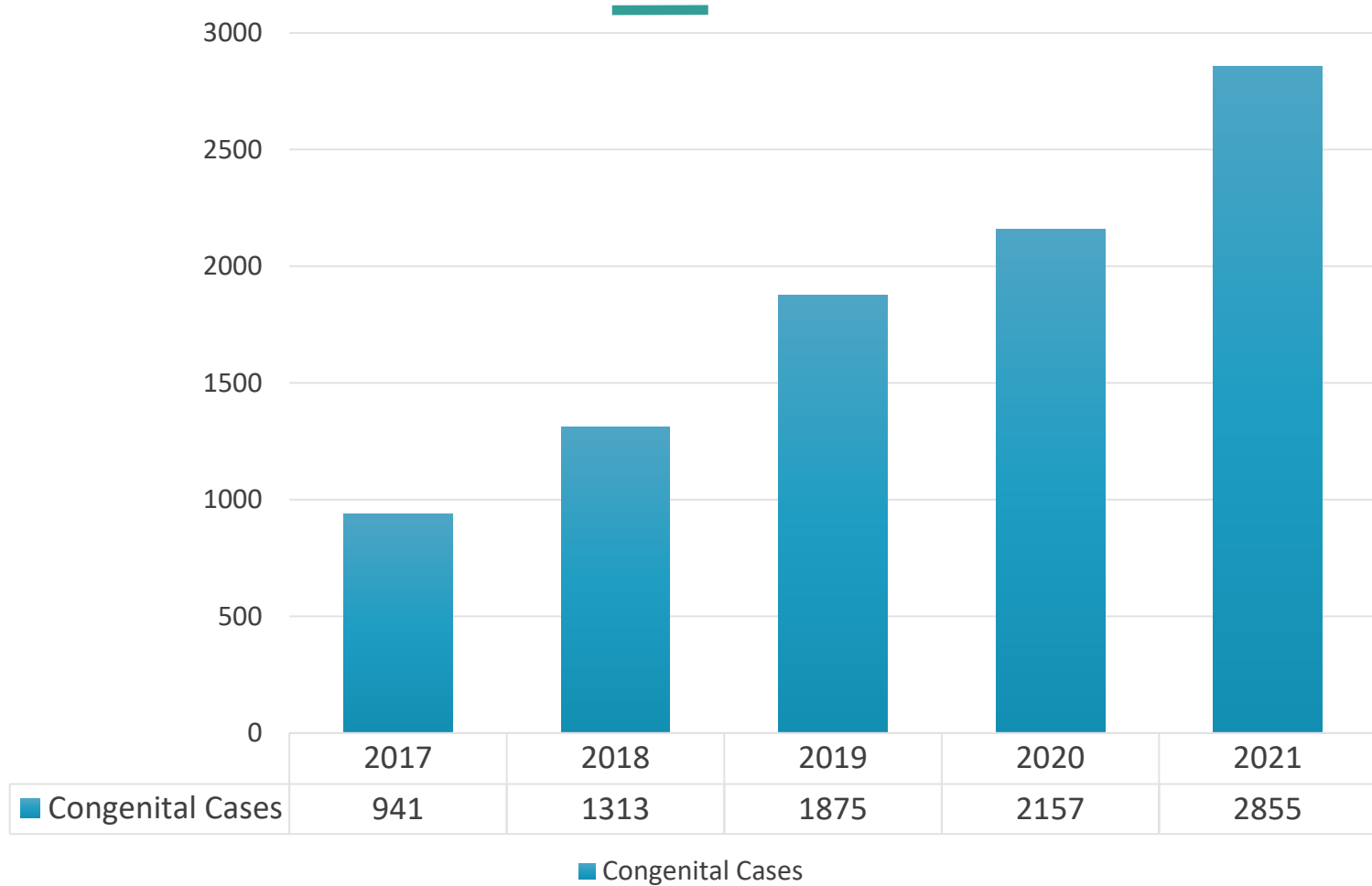


Congenital Cases- Washington State



Source: PHIMS-STD.

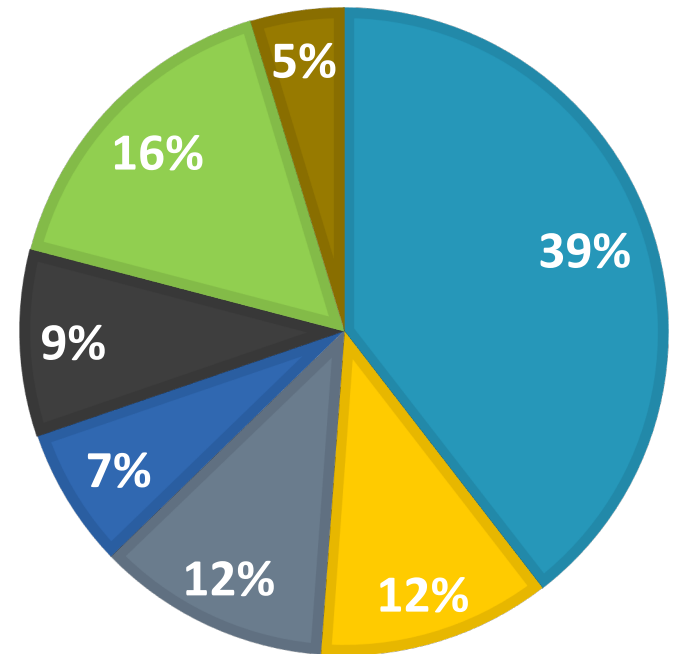
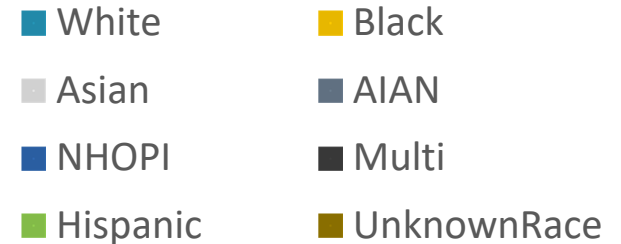
Congenital Cases- Nationwide



Source: Centers for Disease Control and Prevention

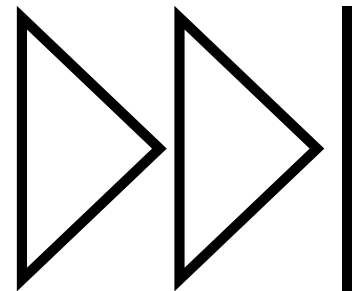
Maternal Profile: Washington

- 2022 Congenital Cases
 - Interview
 - Percentages
- Race & Ethnicity
- Treatment & Staging
 - ~20% w/o Treatment
 - Wide Range
 - ~50% late/unknown stage
- Other Factors
 - ~10% Gonorrhea/CT
 - ~8% Houseless
 - ~7% Substance Use
 - Methamphetamine



Congenital Cases: Moving Forward

- County & Population
 - Impact smaller communities
- Race & Ethnicity
- 2023: Preliminary
- Next Steps
 - Consider sexual history reassessment
 - Increase in screening
 - Treatment
 - Continue preventing cases:
 - 116 -> 152
 - 53/52



Thank You!

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