



Department of
Health

Tennessee STI Epidemiological Profile, 2023

Tennessee Department of Health | July 2025

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Executive Summary

This report presents 2023 surveillance data for sexually transmitted infections (STI) in Tennessee, focusing on newly reported cases of chlamydia, gonorrhea, and syphilis. The purpose of this report is to present the STI trends in Tennessee to assist with education, outcome monitoring, and program planning.

The data included in this report are based on case reports received by the Tennessee Department of Health (TDH) as of December 20, 2024. Trends are presented over a five-year period (2019–2023) and include total counts, rates per 100,000 population, and percentages of total cases. Data are stratified by sex, race/ethnicity, and age to highlight disparities and provide context.

STI data for 2020 should be interpreted with caution due to the impact of the COVID-19 pandemic. Intermittent clinic closures, lack of availability of testing kits, and redirection of Disease Intervention Specialists (DIS) for COVID-19 contact tracing impacted STI testing and partner services.

Tennessee changed STI surveillance information systems in September 2023 which may have impacted 2023 case counts, and caution should be applied in interpretation of these data.

Key findings

- **Congenital Syphilis**
 - In 2023, there were 91 reported cases of congenital syphilis, yielding a rate of 106 cases per 100,000 live births.
 - Congenital syphilis cases increased 5-fold from 2019 to 2023.
- **Syphilis**
 - Over 2019–2023, the number and rate of reported cases of all syphilis infections increased.
 - Of all reported stages, unknown duration or late stage syphilis infections saw the largest increase in reported cases during 2019–2023, increasing 122%.
 - In 2023, syphilis among women aged 15-44 increased 20% since 2022 and 171% since 2019.
- **Chlamydia and Gonorrhea**
 - Chlamydia and gonorrhea cases **decreased** from 2019 to 2023, despite a temporary increase in chlamydia cases during 2020–2021.
- **Disparities by Race/Ethnicity**
 - In 2023, non-Hispanic Black individuals had the highest burden of reported chlamydia, gonorrhea, and syphilis infections.
- **2023 Case and Rate Summary**
 - **Chlamydia:** 37,316 cases (523.6 per 100,000 population)
 - **Gonorrhea:** 13,603 cases (190.9 per 100,000 population)

- **Primary Syphilis:** 394 cases (5.5 per 100,000 population)
- **Secondary Syphilis:** 700 cases (9.8 per 100,000 population)
- **Early Non-Primary Non-Secondary Syphilis:** 894 cases (12.5 per 100,000 population)
- **Unknown Duration or Late Stage Syphilis:** 2,086 cases (29.3 per 100,000 population)

Background

Tennessee is a mid-sized state that consists of 95 counties and borders eight other states. TDH's Communicable and Environmental Diseases and Emergency Preparedness Division (CEDEP), located in Nashville, partners with all the state's counties, which are divided into thirteen public health regions. Six of the most populous counties operate as stand-alone metropolitan public health regions, and the remaining 89 counties are divided into seven rural health regions. The rural counties are considered an extension of TDH, whereas TDH partners with the metropolitan regions through contractual agreements.

Population: Tennessee residents numbered 7,126,489 in 2023, which accounts for approximately 2% of the United States population.¹ The state experienced a 4.3% population growth from 2019 to 2023, outpacing the national growth rate.¹ The Tennessee population increased by 296,164 people between 2019 and 2023.¹ Geographic areas with the largest percentages of the population include the Mid-Cumberland region, Memphis/Shelby County, East Tennessee Region, and Nashville/Davidson County.

Women of Reproductive Age: In 2023, 51.0% (3,631,374) of the population were female sex, of which 38.8% (1,409,555) were of reproductive age, between 15–44 years of age.² There were 83,021 live births in 2021.³

LGBT: It is estimated that 159,631 (3.1%) of adults in Tennessee identify as lesbian, gay, bisexual or transgender (LGBT) compared to 4.5% in the United States.⁴

Age: In 2023 the median age in Tennessee was 39 years, similar to the U.S. median age of 38 years.⁴ The age distribution in Tennessee roughly reflects that of the U.S. population.⁵

Race and Ethnicity: In 2023, 72.0% of the population in Tennessee was non-Hispanic white, followed by 16.1% non-Hispanic Black and 7.5% Hispanic.⁴ Additional racial and ethnic groups make up the remaining 4.4%.

Income and Poverty: The median Tennessean household income in 2023 was \$67,631, compared to the national median income of \$77,719.⁶ In 2023, 14% of Tennessee's population was living below the federal poverty level, which is greater than the U.S. average of 12.5%.⁶ There are noticeable racial and ethnic differences in household income in Tennessee. Non-Hispanic white households had a median income of \$72,268 in 2023, while Black and Hispanic households had median incomes of \$50,060 and \$63,574 respectively.⁷

Reporting Laws and Regulations

The TDH STI Prevention Program manages the Tennessee STI case surveillance registry. Chlamydia, gonorrhea, and syphilis are reportable conditions by law (T.C.A. §68-10-112), and medical laboratories are required to report all positive chlamydia, gonorrhea, and syphilis laboratory reports to TDH. Laboratory results are reported by providers and laboratories either by paper, electronic files, secure email, and/or Electronic Laboratory Reporting. Reporting to TDH is expected within one week of identification. In accordance with T.C.A. §37-1-403, any physician or other person diagnosing or treating any reportable sexually transmitted infection in children 13 years of age or younger, should immediately make a confidential written report of the case to TDH.

In addition to laboratory results, case report forms containing demographic characteristics, STI risk factors, and treatment information are collected. This information is stored in the Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Based System (NBS) and used to create yearly epidemiological reports. TDH's Reportable Disease regulations and guidance can be found at <https://www.tn.gov/health/cedep/reportable-diseases.html>

TDH uses current CDC/CSTE surveillance case definitions to determine chlamydia, gonorrhea, and syphilis case counts in TN. A surveillance case definition is a set of uniform criteria used to define a disease to ensure consistency of public health surveillance across jurisdictions. Surveillance case definitions may differ in some ways from clinical definitions or diagnosis of individual patients.

Chlamydia case definitions: <https://ndc.services.cdc.gov/case-definitions/chlamydia-trachomatis-infection-2022/>

Gonorrhea case definitions: <https://ndc.services.cdc.gov/case-definitions/gonorrhea-neisseria-gonorrhoeae-2023/>

Syphilis case definitions: <https://ndc.services.cdc.gov/case-definitions/syphilis-2018/>

Syphilis (Excluding Congenital Syphilis)

Figure 1: Syphilis — Number of Reported Syphilis Cases, Tennessee, 2019–2023

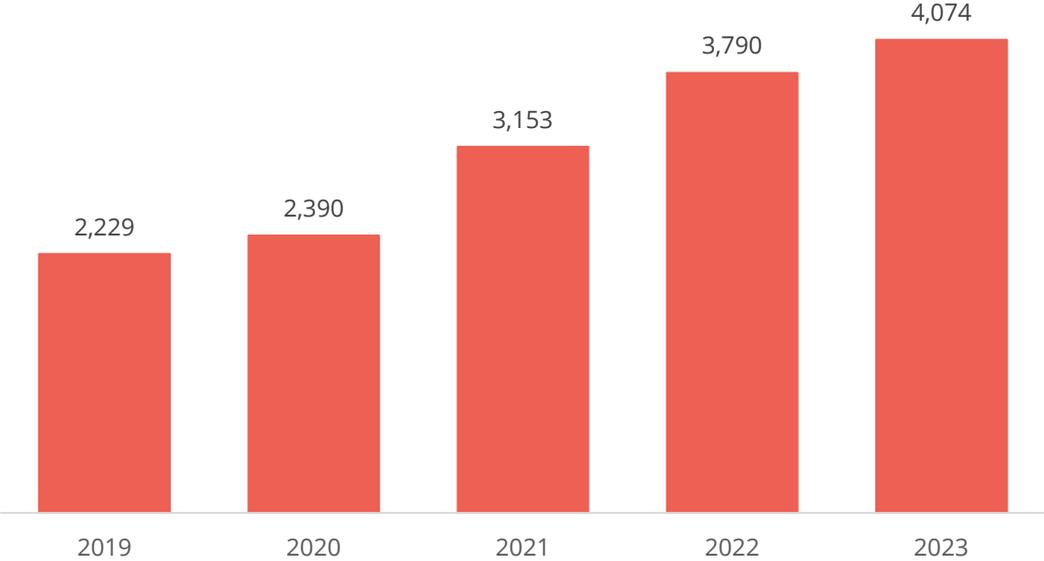
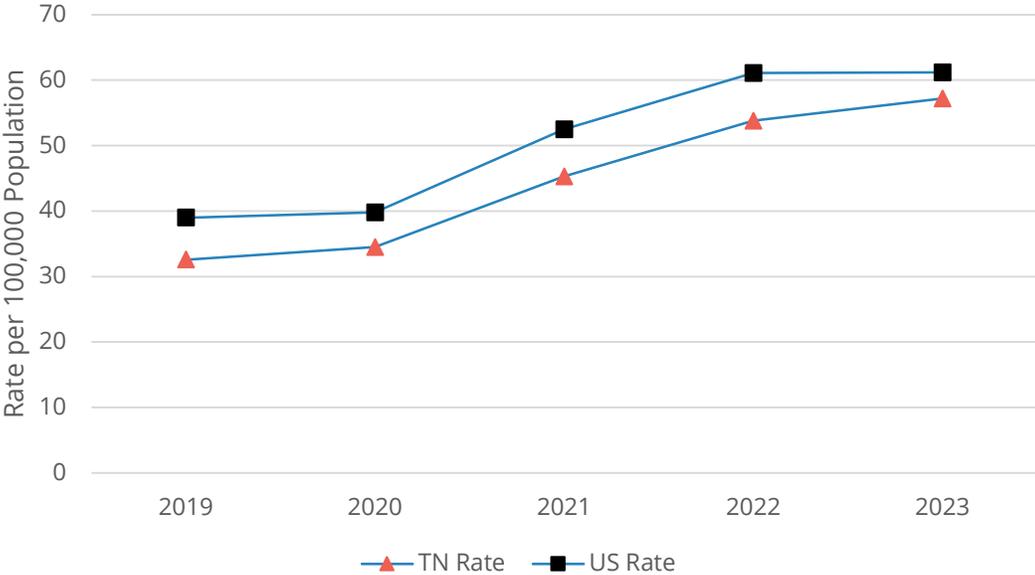
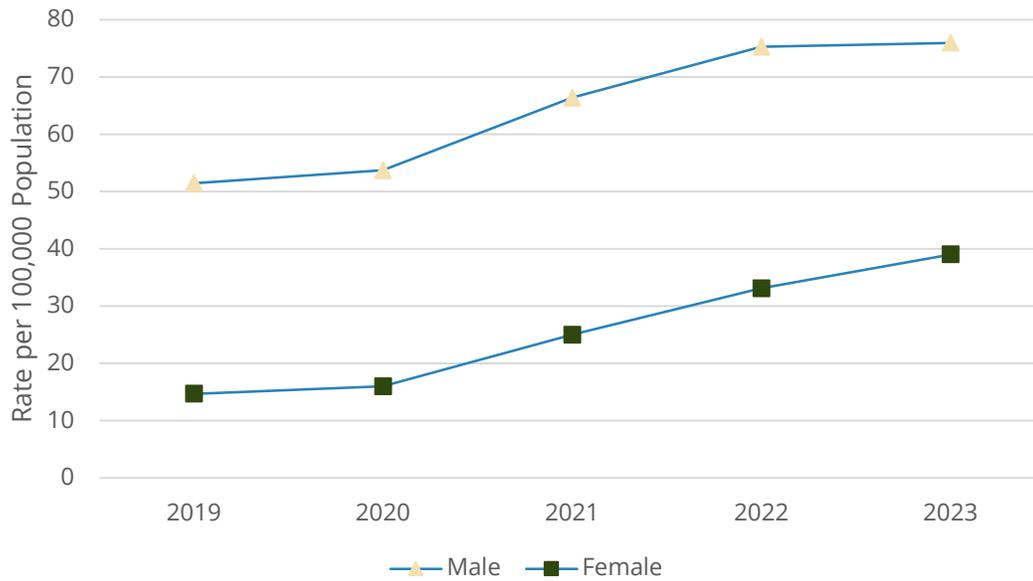


Figure 2: Syphilis —Rate of Reported Syphilis Cases, Tennessee and U.S., 2019–2023



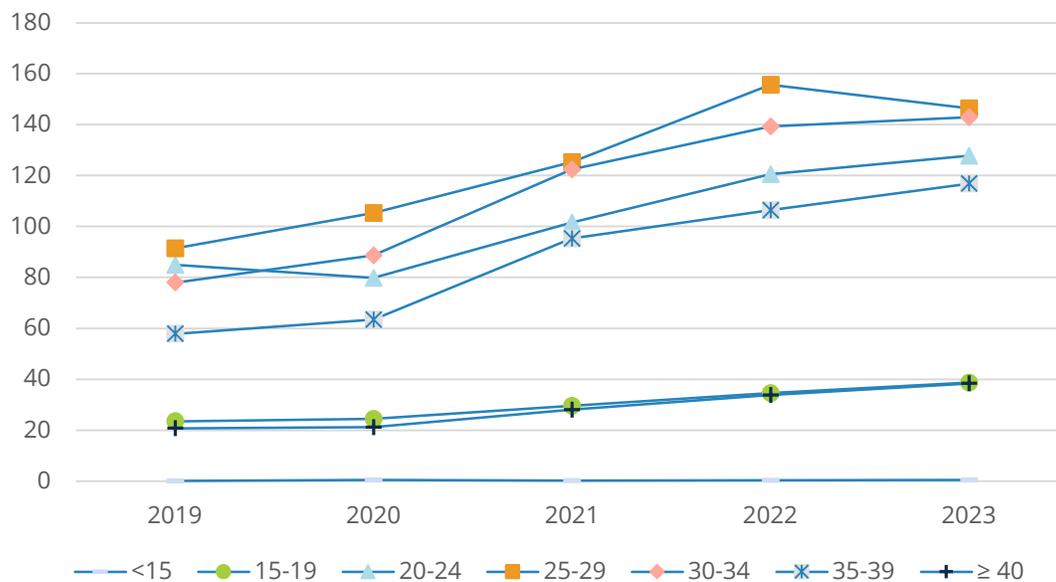
In 2023, there were 4,074 syphilis infections reported in Tennessee. Rates of all reported syphilis infections in Tennessee increased 6.3% from 2022 to 2023. However, rates in Tennessee remain lower than the national average.

Figure 3: Syphilis — Rate of Reported Syphilis Cases by Sex, Tennessee, 2019–2023



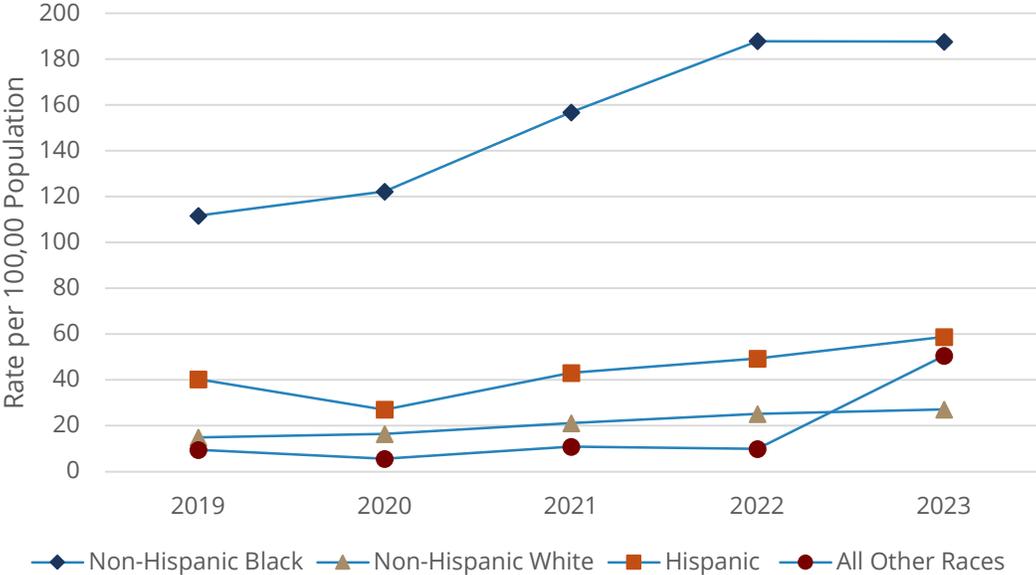
In 2023, 2,655 cases of syphilis were reported among males for a rate of 76.0 cases per 100,000 males. The rate among females was lower at 39.0 cases per 100,000, with 1,417 cases reported among females. Cases and rates among both sexes increased from 2019 to 2023, and more than doubled among females.

Figure 4: Syphilis — Rate of All Reported Cases by Age Group, Tennessee, 2019–2023



Rates per 100,000 individuals in all age groups increased from 2019 through 2023. In 2023, the highest rates of syphilis infections were reported among persons aged 25–29, followed by persons aged 30–34. Among persons 25–29 years old, 707 cases were reported for a rate of 146.4 cases per 100,000 individuals. Persons aged 30–34 years comprised 721 cases for a rate of 142.9 cases per 100,000 individuals.

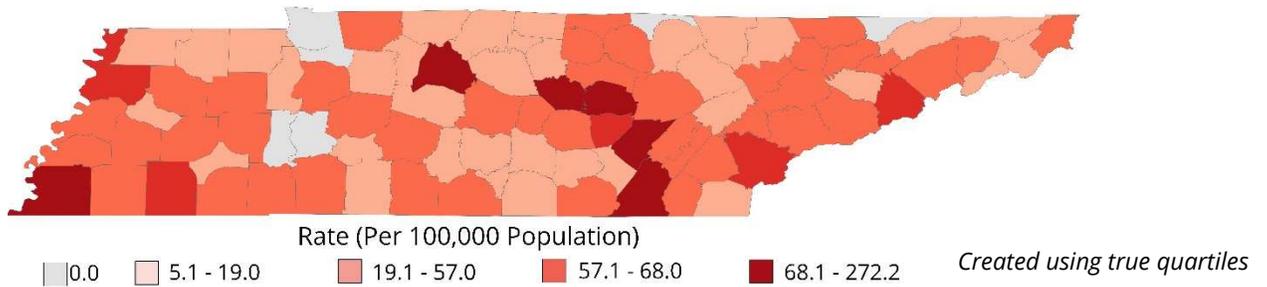
Figure 5: Syphilis — Rate of All Reported Cases by Race and Ethnicity, Tennessee, 2019–2023



In 2023, the reported rate of syphilis infections among non-Hispanic Black individuals was 187.7 cases per 100,000 individuals, as compared to 27.1 cases per 100,000 non-Hispanic White individuals, 58.8 cases per 100,000 Hispanic individuals, and 50.5 per 100,000 individuals with all other races. From 2019 to 2023, the rate of syphilis among all race and ethnic groups increased in the state. Over this period, non-Hispanic Black individuals had the highest rate of syphilis infections.

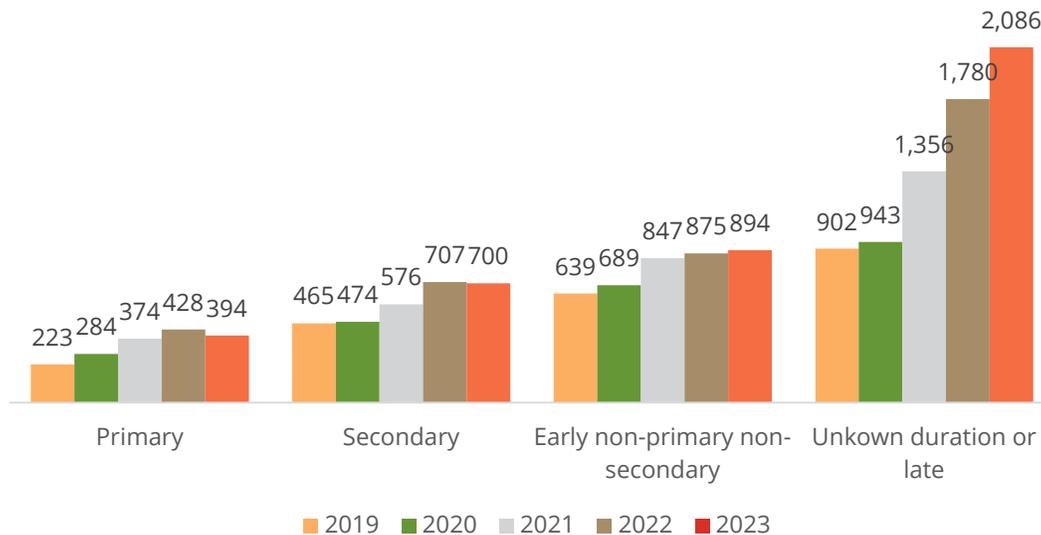
There was a large increase in the syphilis rate among individuals in the all other races group from 2022 to 2023, however this is likely a surveillance artifact due to the transition to a new surveillance system and the differences in how these data were collected between the two systems. All other races includes multi race, Non-Hispanic Asian, Non-Hispanic Indian, Non-Hispanic Pacific Islander, and other and does not include unknown or missing. The surveillance system transition also impacted the completeness of race and ethnicity information. On average 1.8% of syphilis cases had race and ethnicity unknown during 2019 to 2022, while 4.6% of cases had race and ethnicity unknown in 2023.

Figure 6: Syphilis — Rate of All Reported Cases by County, Tennessee, 2019–2023



In 2023, 6 of 95 counties reported zero syphilis cases. Of 89 counties that reported syphilis cases, Fentress County had the lowest rate of 5.1 cases per 100,000 population and Bledsoe County had the highest rate at 272.2 cases per 100,000 population. The counties with the three highest rates per 100,000 population of adult syphilis are Bledsoe (272.2 per 100,000), Shelby (172.2 per 100,000), and Davidson (90.7 per 100,000).

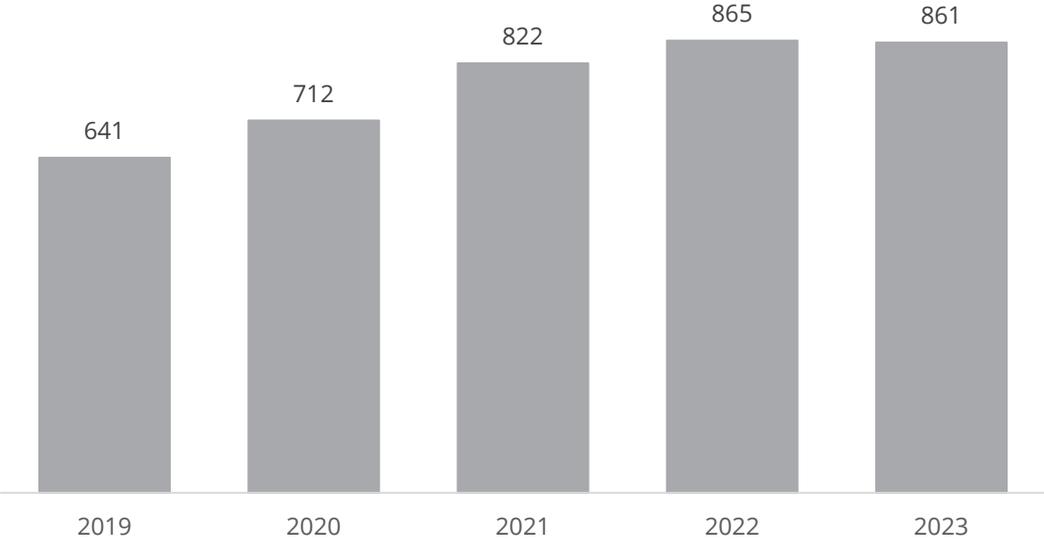
Figure 7: Syphilis — Number of Reported Syphilis Cases by Stage and Year, Tennessee, 2019–2023



Between 2019 and 2023 unknown duration or late syphilis increased 131.2%, compared to primary (76.7%), secondary (50.5%), and early non-primary non-secondary (39.9%). Since this surveillance category includes both latent syphilis and syphilis of unknown duration, it is difficult to interpret. There could be an increase in true latent syphilis infections, because

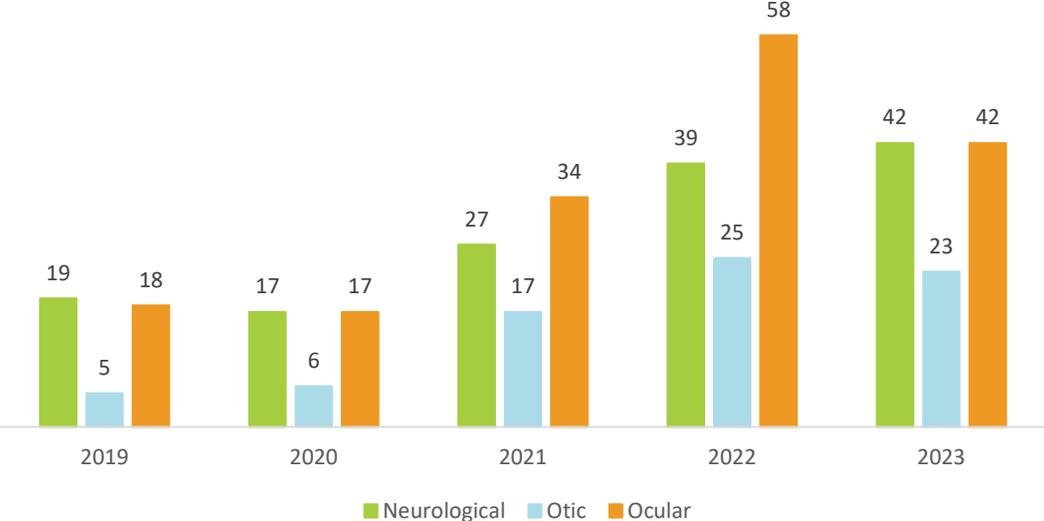
of increases in screening of priority populations regardless of symptoms during a similar timeframe. However, it could also reflect an increased proportion of patients with an 'unknown' duration of syphilis. Patients with an 'unknown' duration of syphilis could include misclassification of patients who have early syphilis but are unable to be reached for interview or full assessment.

Figure 8: Syphilis — Number of Syphilis and HIV Co-Infections, Tennessee, 2019–2023



There were 861 syphilis infections in people living with HIV in 2023. As the number of cases and rates for both syphilis and HIV increase so do the number of co-infections. From 2019 to 2023, the demographic breakdown for persons with co-infection align with trends seen in statewide syphilis infections. However, in 2023 there was a difference for sex. 96.1% of all persons with co-infections are men compared to 70.1% with syphilis infection. Similar to statewide syphilis trends, persons who identify as non-Hispanic Black and individuals aged 25–29 and 30–34 had the highest burden of co-infection.

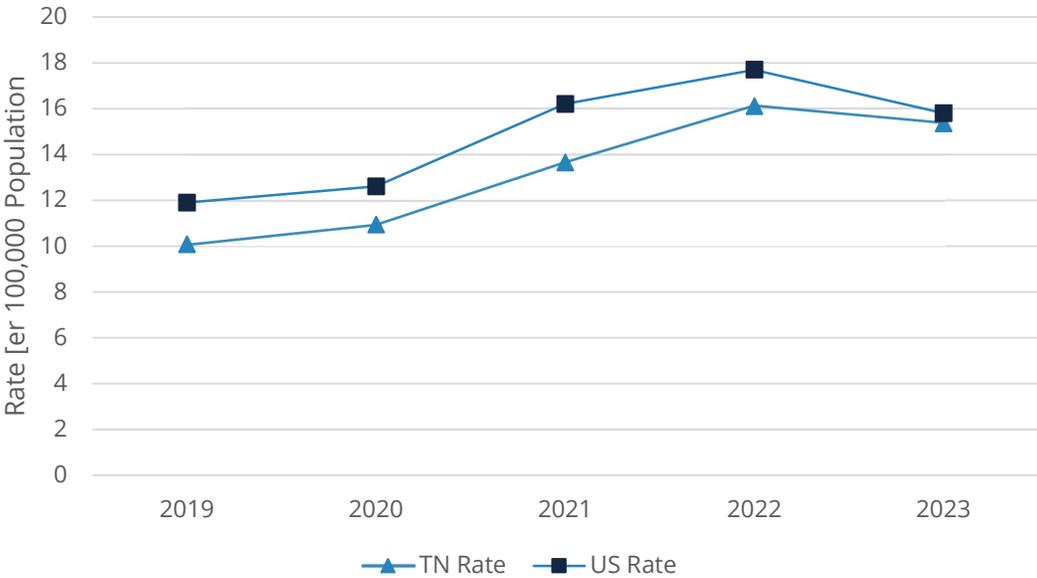
Figure 9: Syphilis — Number of Verified and Probable Cases of Neurosyphilis, Ocular Syphilis, and Ootosyphilis, Tennessee, 2019–2023



Central nervous system involvement can occur at any stage of untreated syphilis. This can cause neurologic problems, vision loss, hearing loss and more. As the number of syphilis infections have increased so has neurosyphilis, ocular syphilis, and otosyphilis. Since 2019 there has been a 255% increase in these clinical manifestations. In 2022, Tennessee Health Departments implemented new screening protocols to identify neurosyphilis, ocular syphilis, and otosyphilis which might have resulted in increased detection.

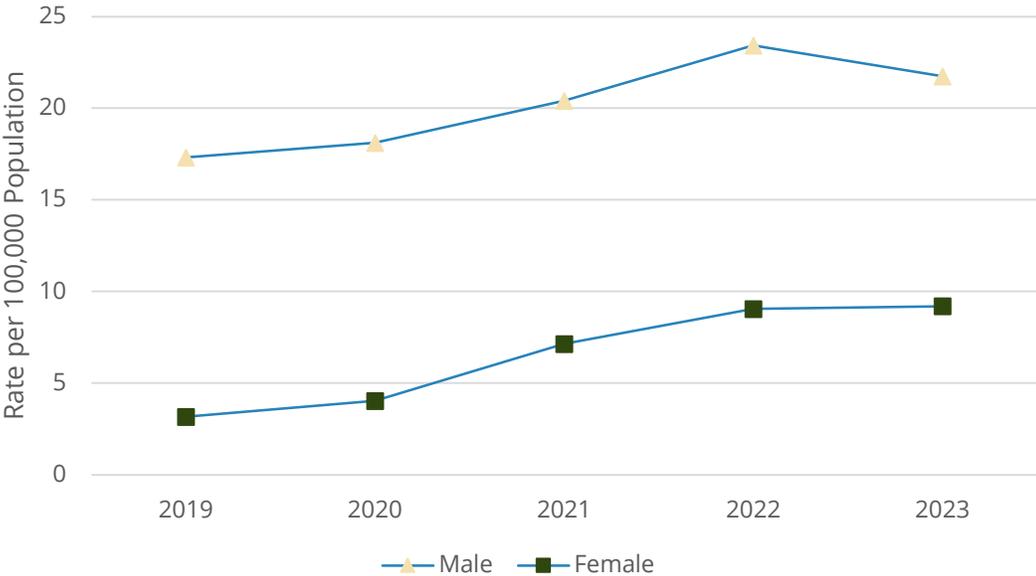
Primary and Secondary (P&S) Syphilis

Figure 10: Syphilis — Rate of Reported P&S Cases, Tennessee and U.S., 2019-2023



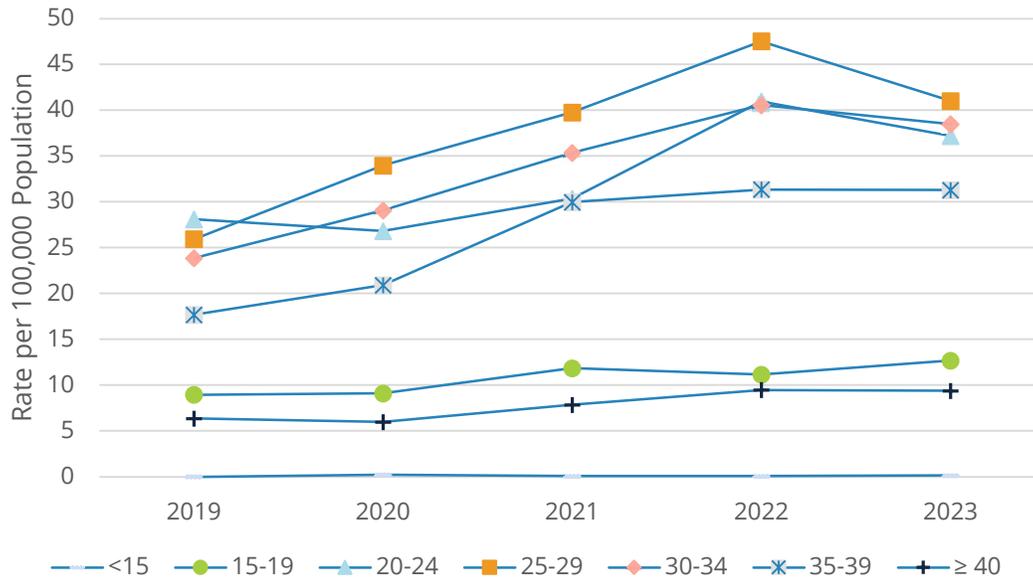
From 2019 to 2022, reported cases of primary & secondary (P&S) syphilis in both Tennessee and the U.S. consistently increased. However, in 2023 the rate of P&S syphilis in both Tennessee and the U.S. decreased. In 2023, 1,094 cases of P&S syphilis were reported for a rate of 15.4 cases per 100,000 population, as compared to the U.S. rate of 15.8 cases per 100,000 population.

Figure 11: Syphilis — Rate of Reported P&S Cases by Sex, Tennessee, 2019–2023



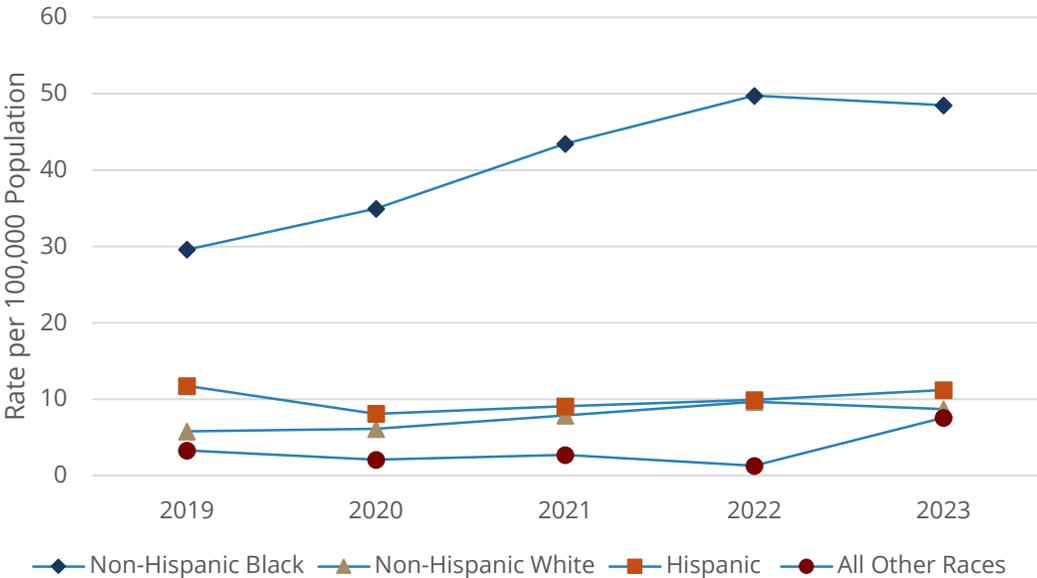
In 2023, 760 males were reported with P&S syphilis and 334, which follows the trend seen since 2019. However, after accounting for population growth, the rate of reported cases for males decreased from 2022 to 2023, falling from 23.4 per 100,000 males to 21.7 per 100,000. The rate of P&S reported cases remained stable for females between 2022 and 2023 with a rate of 9.0 per 100,000 females in 2022 and 9.2 per 100,000 females in 2023. From 2019, the rate of P&S syphilis in females has tripled.

Figure 12: Syphilis — Rate of Reported P&S Cases by Age Group, Tennessee, 2019–2023



In 2023, the highest rates of P&S syphilis infections were reported among persons aged 25–29, followed by persons aged 30–34. Among persons 25–29 years old, 198 cases were reported for a rate of 41.0 cases per 100,000 individuals. Persons aged 30–34 years comprised 194 cases for a rate of 38.5 cases per 100,000 individuals. The rate of P&S syphilis between 2022 and 2023 increased among persons aged less than 20, remained stable among persons aged greater than 34, and decreased among persons aged 20–34.

Figure 13: Syphilis — Rate of Reported P&S Cases by Race and Ethnicity, Tennessee, 2019–2023

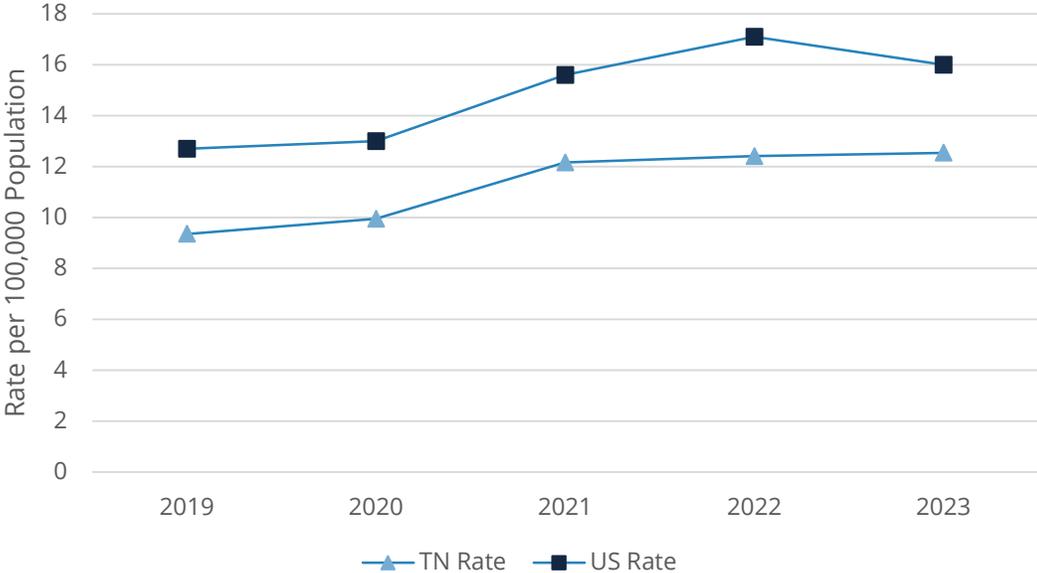


From 2019 to 2023, non-Hispanic Black individuals had the highest rate of reported P&S syphilis infections in the state. However, between 2022 and 2023 the rate of reported P&S syphilis decreased slightly for non-Hispanic Black and non-Hispanic White individuals. In 2023, P&S syphilis infections were reported among non-Hispanic Black individuals at a rate of 48.5 cases per 100,000, as compared to 7.6 cases per 100,000 individuals of all other races, 11.2 cases per 100,000 Hispanic individuals, and 8.7 cases per 100,000 non-Hispanic White individuals.

There was a large increase in the P&S syphilis rate among individuals in the all other races group from 2022 to 2023, however this is likely a surveillance artifact due to the transition to a new surveillance system and the differences in how these data were collected between the two systems. All other races includes multi race, non-Hispanic Asian, non-Hispanic Pacific Islander, and other and does not include unknown or missing. The surveillance system transition also impacted the completeness of race and ethnicity information. From 2019 to 2023, 44 (1.0%) P&S syphilis investigations had unknown race and ethnicity. On average 0.9% of P&S syphilis cases had race and ethnicity unknown during 2019 to 2022, 0.9% of cases had race and ethnicity unknown in 2023.

Early Non-primary Non-secondary (NPNS) Syphilis

Figure 14: Syphilis — Rate of Reported NPNS Cases, Tennessee and U.S, Tennessee, 2019–2023



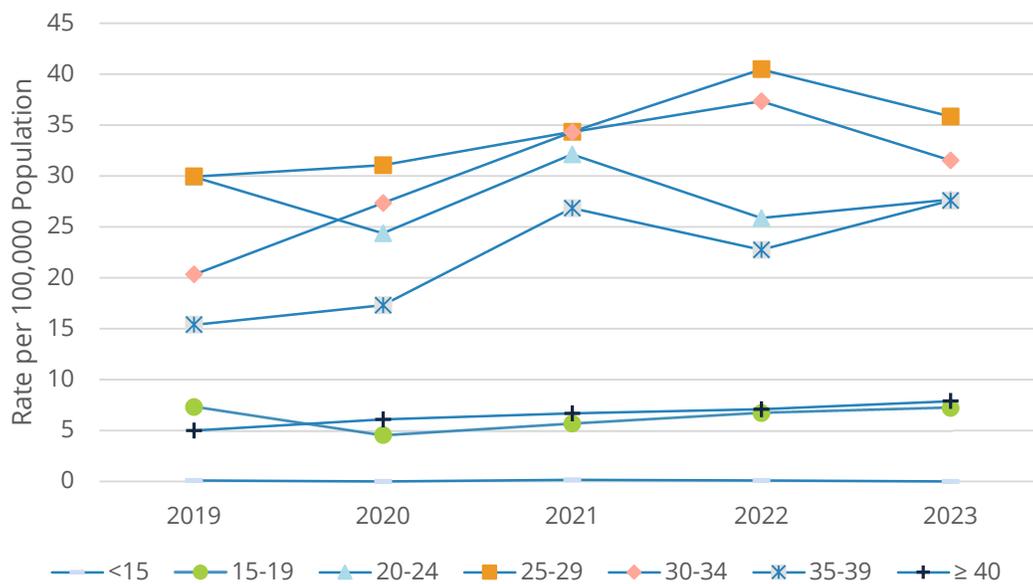
From 2019 to 2022, the number and rate of reported early non-primary non-secondary (NPNS) syphilis in both Tennessee and the U.S. consistently increased, with the rate in Tennessee lower than the U.S. rate. In 2023 the U.S. rate of NPNS decreased, and in Tennessee the rate increase was very small. In 2023, 894 cases of NPNS syphilis were reported for a rate of 12.5 cases per 100,000 population, lower than the 2023 U.S. rate of 16.0 cases per 100,000 population.

Figure 15: Syphilis — Rate of Reported NPNS Cases by Sex, Tennessee, 2019–2023



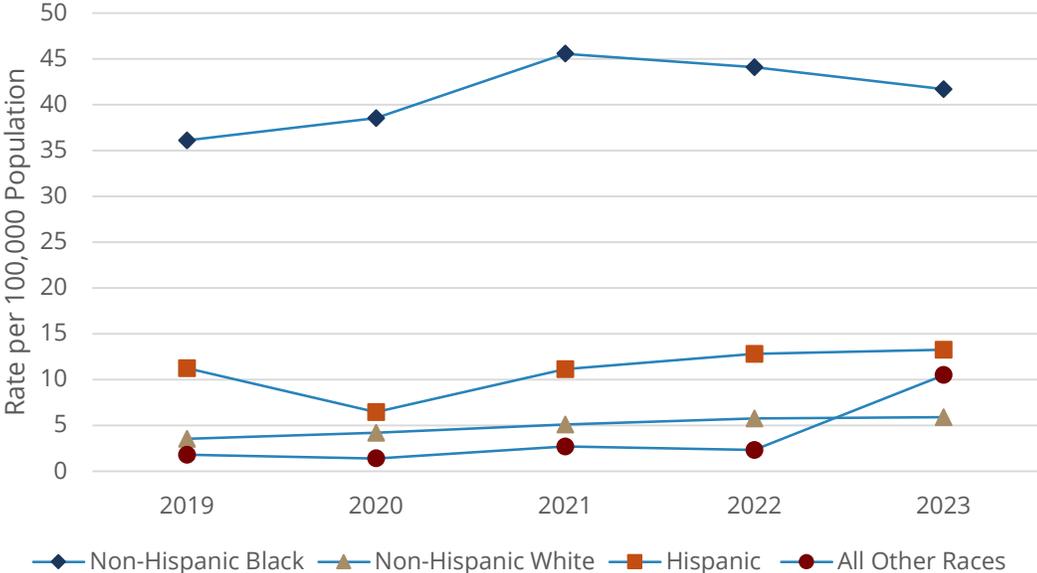
Cases and rates of NPNS increased in males from 2019 to 2021 and decreased from 2021 to 2023. For females, cases and rates increased from 2019 to 2022 and then remained stable from 2022 and 2023. In 2023, 659 cases of NPNS syphilis were reported among males for a rate of 18.9 cases per 100,000 males. The rate among females was significantly lower, with 235 cases reported for a rate of 6.5 cases per 100,000 females.

Figure 16: Syphilis — Rate of Reported NPNS Cases by Age Group, Tennessee, 2019–2023



In 2023, the highest rates of NPNS syphilis infections were reported among persons aged 25–29, followed by persons aged 30–34. Among persons 25–29 years old, 173 cases were reported for a rate of 35.8 cases per 100,000 individuals. Persons aged 30–34 years comprised 159 cases for a rate of 31.5 cases per 100,000 individuals. The rates for people aged 25 years or older increased from 2019 to 2023, and persons aged less than 25 decreased from 2019 to 2023.

Figure 17: Syphilis — Rate of Reported NPNS Cases by Race and Ethnicity, Tennessee, 2019–2023

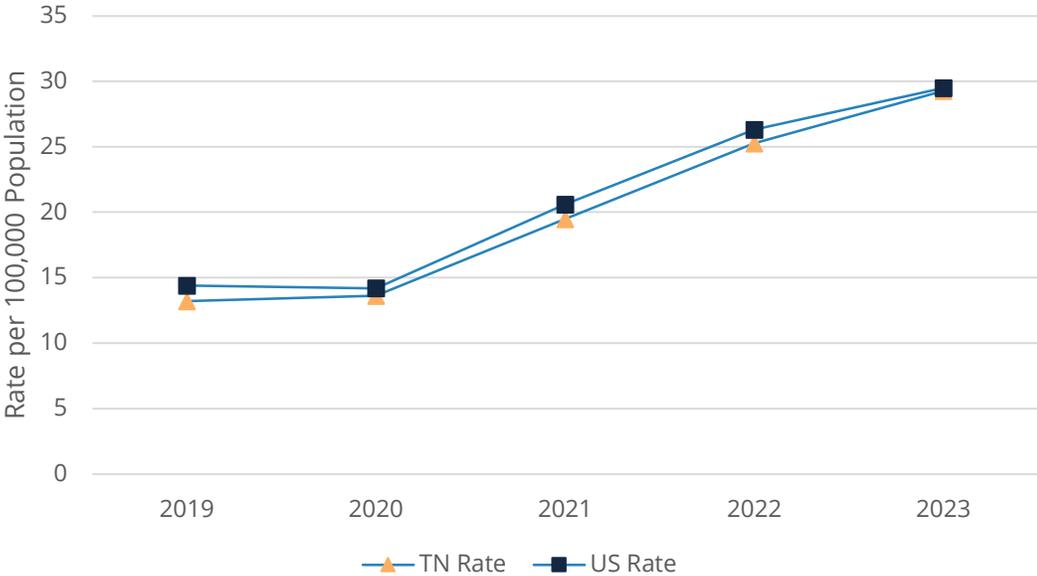


From 2019 to 2023, non-Hispanic Black individuals had the highest number and rate of NPNS syphilis infections in Tennessee. However, cases and rate of NPNS syphilis among non-Hispanic Black persons decreased from 2021 to 2023 and increased among Hispanic individuals. In 2023, non-Hispanic Black individuals had a NPNS syphilis rate of 41.7 per 100,000 persons, compared to 5.9 cases per 100,000 non-Hispanic White persons, 13.3 cases per 100,000 Hispanic persons, and 10.5 cases per 100,000 persons of all other races.

The NPNS syphilis rate among individuals in the all other races group increased from 2022 to 2023. However, this is likely a surveillance artifact due to the transition to a new surveillance system and differences in how these data were collected between the two systems. All other races includes multi race, non-Hispanic Asian, non-Hispanic Indian, non-Hispanic Pacific Islander, and other. It does not include unknown or missing race. The surveillance system transition also impacted completeness of race and ethnicity information. From 2019 to 2023, 26 (0.7%) NPNS syphilis investigations had unknown race and ethnicity. On average 0.5% of NPNS syphilis cases had race and ethnicity unknown during 2019 to 2022, 1.0% of cases had race and ethnicity unknown in 2023.

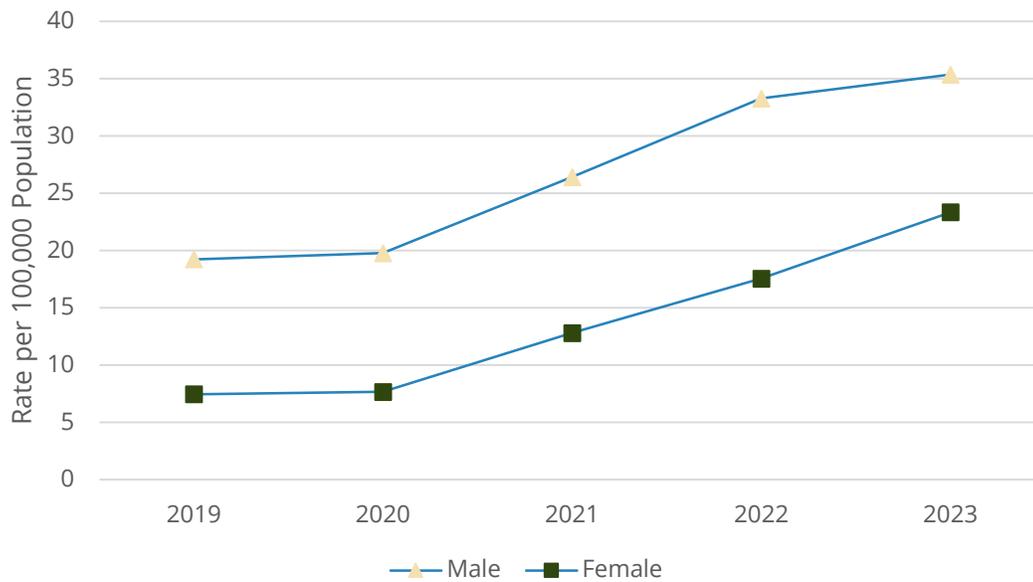
Unknown Duration or Late Syphilis

Figure 18: Syphilis — Rate of Reported Unknown Duration or Late Cases, Tennessee and U.S., 2019–2023



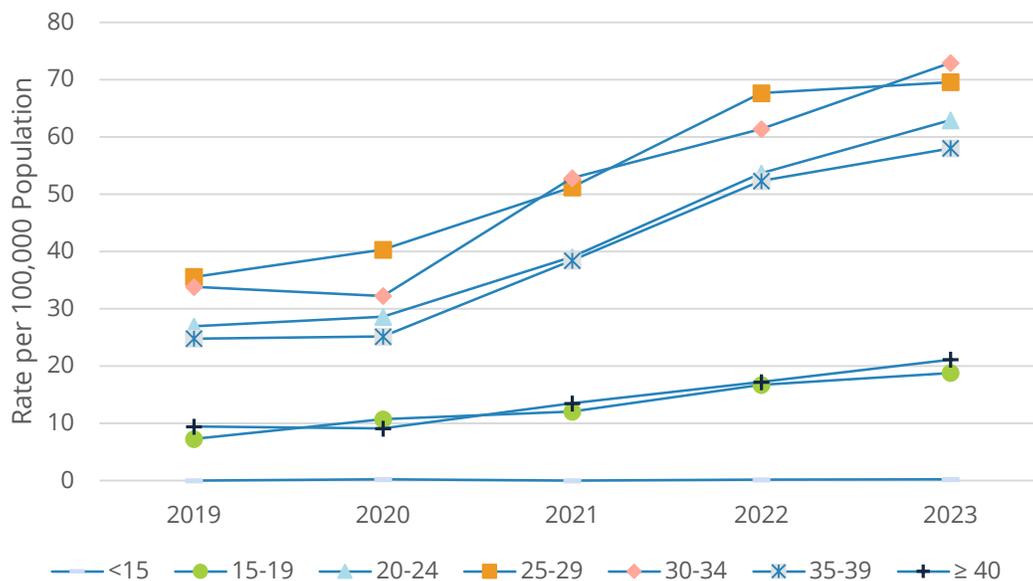
From 2019 to 2023, the number of unknown duration or late syphilis cases in both Tennessee and the U.S. have consistently increased. During this time frame the rate of unknown duration or late syphilis in TN has been very similar to the US rate. In 2023, 2,086 cases of unknown duration or late syphilis were reported for a rate of 29.3 cases per 100,000 population, as compared to the U.S. rate of 29.5 cases per 100,000 population.

Figure 19: Syphilis — Rate of Reported Unknown Duration or Late Cases by Sex, Tennessee, 2019–2023



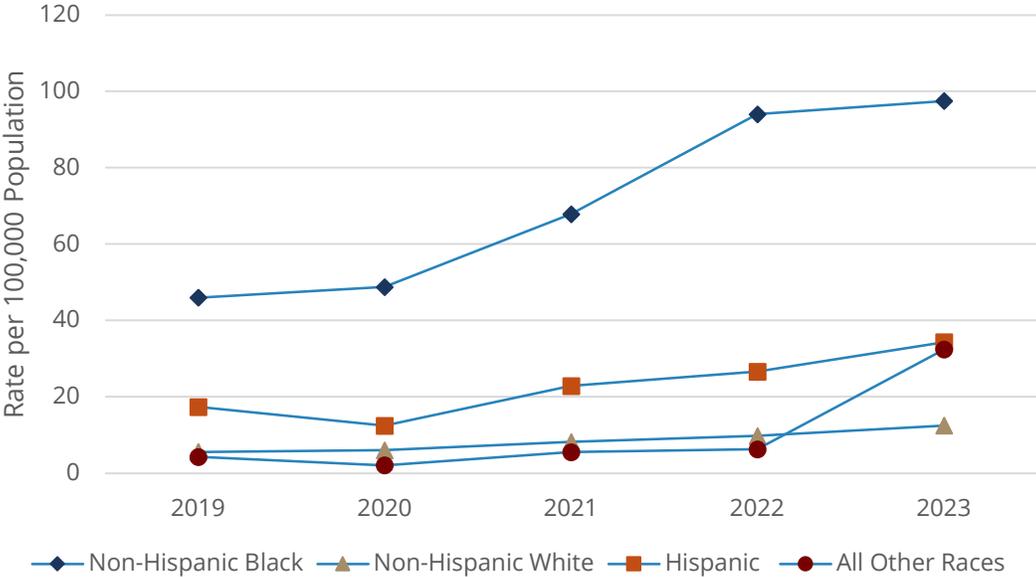
In 2023, 1,236 cases of unknown duration or late syphilis were reported among males for a rate of 35.4 cases per 100,000 males. The rate among females was lower, with 848 cases reported for a rate of 23.4 cases per 100,000 females. Cases and rates among both sexes increased from 2019 to 2023 and have tripled among females.

Figure 20: Syphilis — Rate of Reported Unknown Duration or Late Cases by Age, Tennessee, 2019–2023



In 2023, the highest rates of latent syphilis infections were reported among persons aged 30–34, followed by individuals aged 25–29. Among individuals 30–34 years old, 368 cases were reported for a rate of 73.0 cases per 100,000 population. Persons aged 25–29 years comprised 336 reported cases for a rate of 69.6 cases per 100,000 population. Rates per 100,000 population roughly doubled from 2019 to 2023 in all age groups, except <15.

Figure 21: Syphilis — Rate of Reported Unknown Duration or Late Cases by Race and Ethnicity, Tennessee, 2019–2023

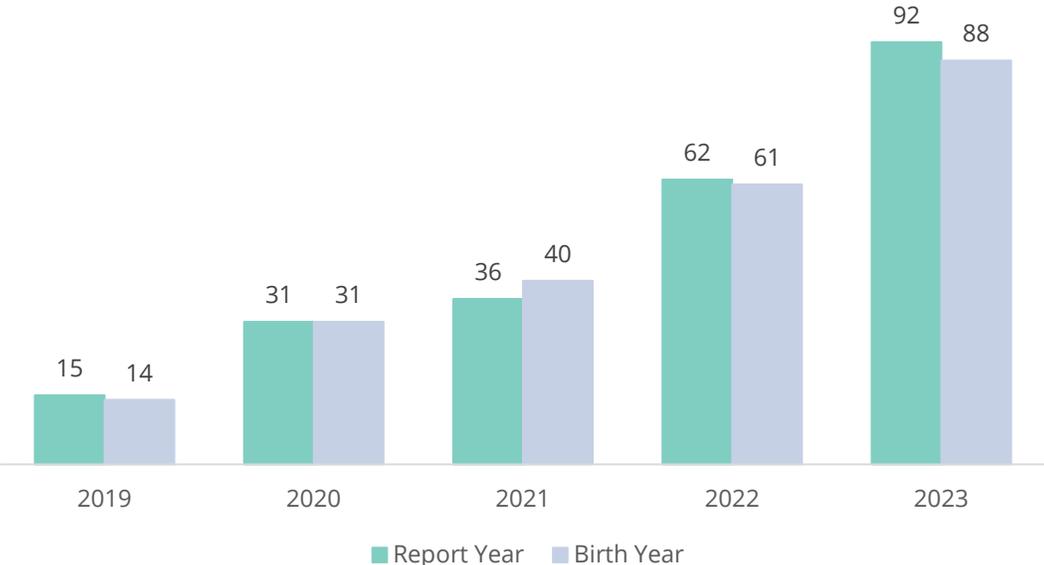


From 2019 to 2023, non-Hispanic Black individuals had the highest rate of unknown duration or late syphilis reported infections in Tennessee. In 2023, a reported rate of 97.5 cases per 100,000 persons of unknown duration or late syphilis were reported among non-Hispanic Black, as compared to 32.4 cases per 100,000 individuals of all other races, 12.5 cases per 100,000 non-Hispanic White individuals and 34.3 cases per 100,000 Hispanic individuals.

The rates of unknown duration or late syphilis increased from 2022 to 2023 with individuals in the all other races cohort experiencing the largest increase. This is likely a surveillance artifact due to the transition to a new surveillance system and the differences in how these data were collected between the two systems. All other races includes multi race, non-Hispanic Asian, non-Hispanic Pacific Islander, and other and does not include unknown or missing. The surveillance system transition also impacted the completeness of race and ethnicity information. From 2019 to 2023, 163 (2.3%) unknown duration or late syphilis investigations had unknown race and ethnicity. On average 2.3% of unknown duration or late syphilis cases had race and ethnicity unknown during 2019 to 2022, 1.9% of cases had race and ethnicity unknown in 2023.

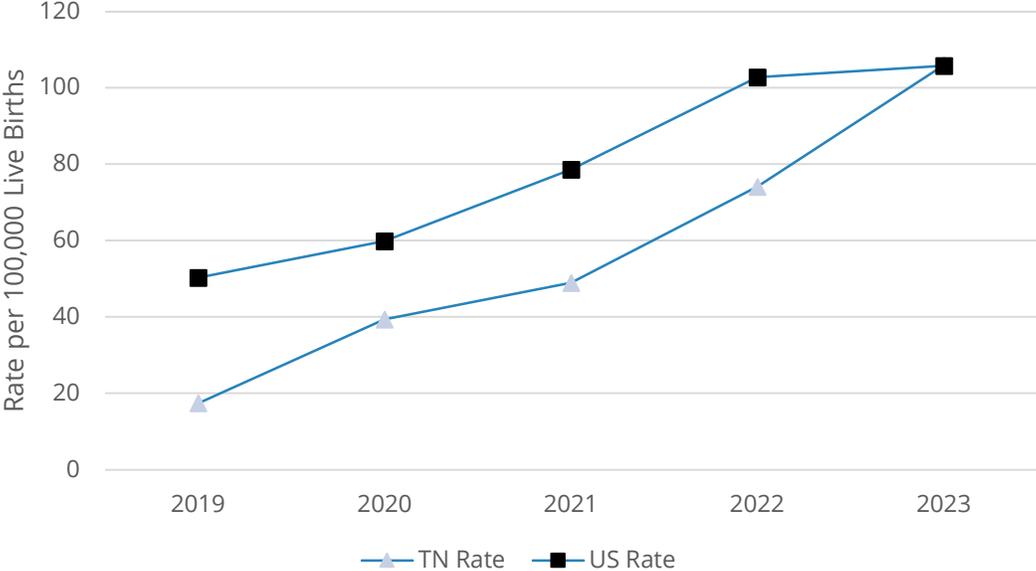
Congenital Syphilis

Figure 22: Congenital Syphilis — Number of Reported Cases by Report Year and Birth Year, Tennessee, 2019–2023*



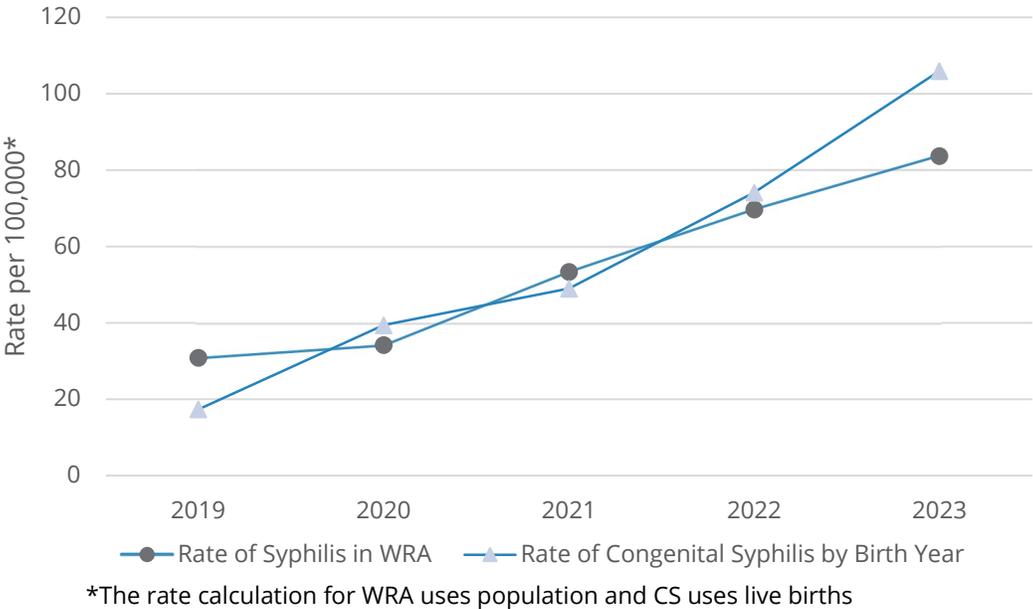
*Report year indicates the year the congenital syphilis case was reported to the Tennessee Department of Health. Birth year indicates the year the congenital syphilis case was born, regardless of when they were diagnosed or reported to the Tennessee Department of Health

Figure 23: Congenital Syphilis — Rate of Reported Cases by Birth Year, Tennessee and U.S., 2019–2023



In 2023, there were 88 infants born in Tennessee who met the congenital syphilis case definition, yielding a rate of 106.0 cases per 100,000 live births. From 2019 to 2022, the rate of congenital syphilis in Tennessee remained lower than the national rate, but in 2023 the Tennessee rate reached the U.S. rate (105.8). The rate of congenital syphilis in Tennessee increased over 500% from 2019 to 2023.

Figure 24: Congenital Syphilis — Rates of Reported Cases by Birth Year and Syphilis Cases in Women Aged 15–44, Tennessee, 2019–2023



From 2019-2023 there was an increase in women aged 15–44 (women of reproductive age, WRA) reported with any stage of syphilis and congenital syphilis by birth year. However, rates of congenital syphilis by birth year increased at a more drastic pace than the increase of syphilis rates among WRA.

Chlamydia

Figure 25: Chlamydia — Number of Reported Cases, Tennessee, 2019–2023

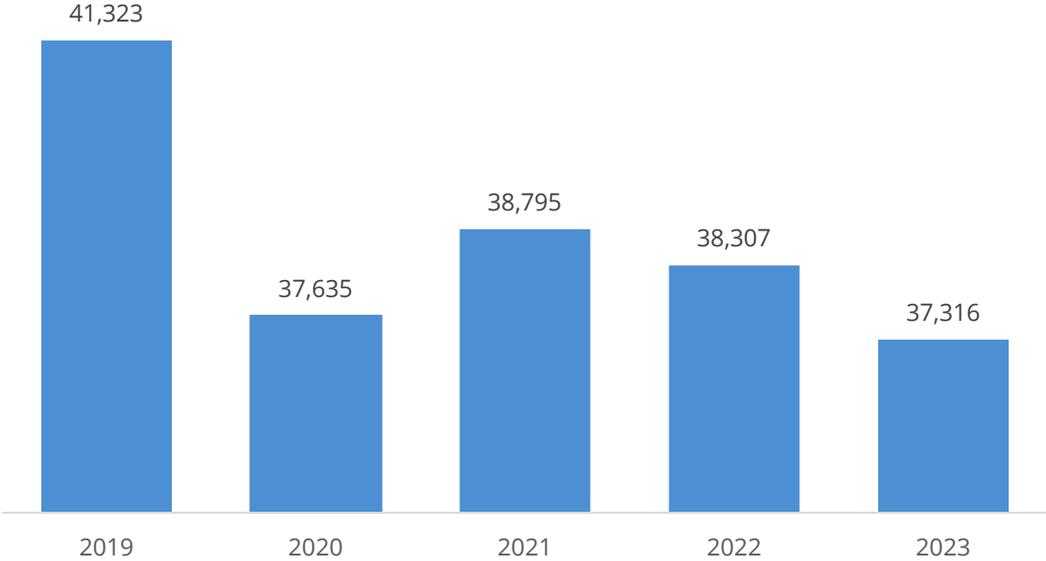
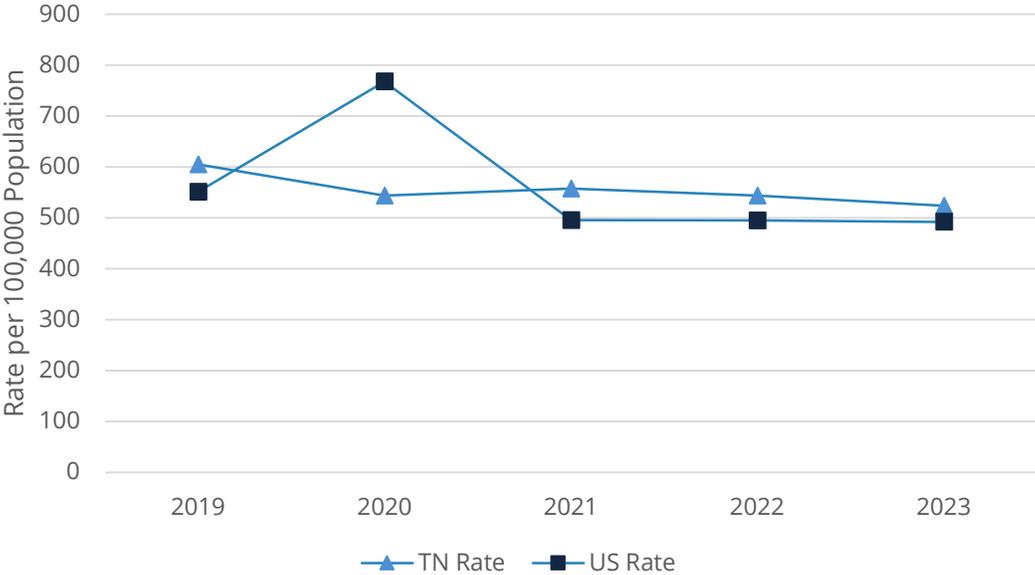


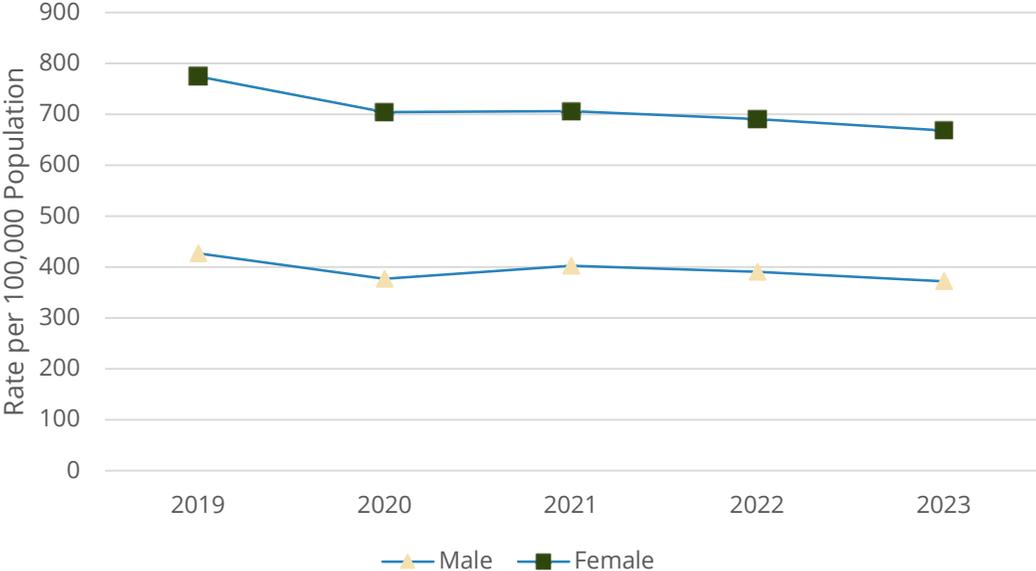
Figure 26: Chlamydia — Rate of Reported Cases, Tennessee and U.S., 2019–2023



Reported chlamydia cases decreased in Tennessee from 2019-2023. The dramatic difference in rates between Tennessee and the U.S. in 2020 is likely due to the COVID-19 pandemic. Apart from 2020, rate of chlamydia infections has consistently been higher in

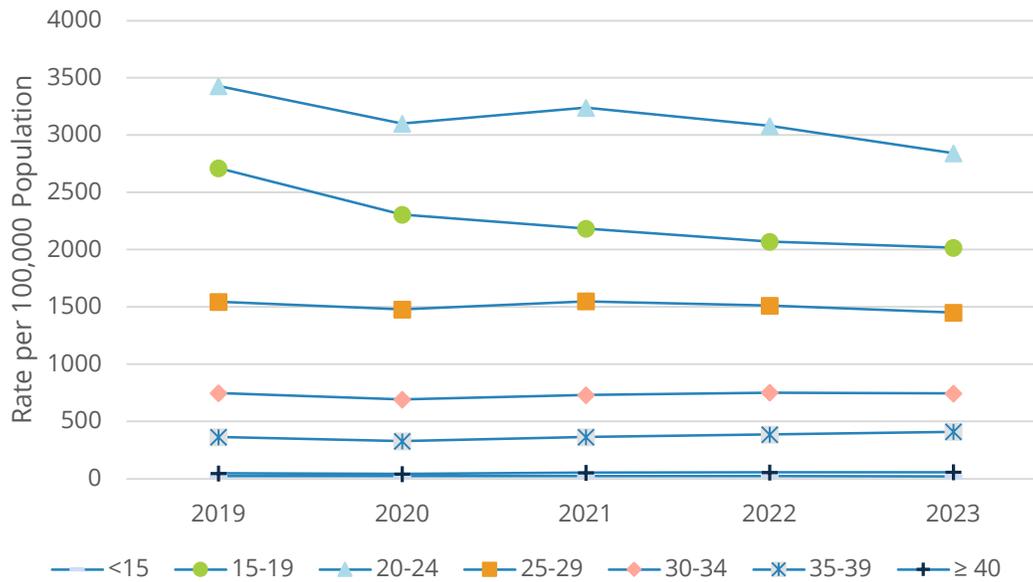
Tennessee than the U.S. The rate of chlamydia in Tennessee was 523.6 per 100,000 population in 2023, compared to the U.S. rate of 492.2 per 100,000 population.

Figure 27: Chlamydia — Rate of Reported Cases by Sex, Tennessee, 2019–2023



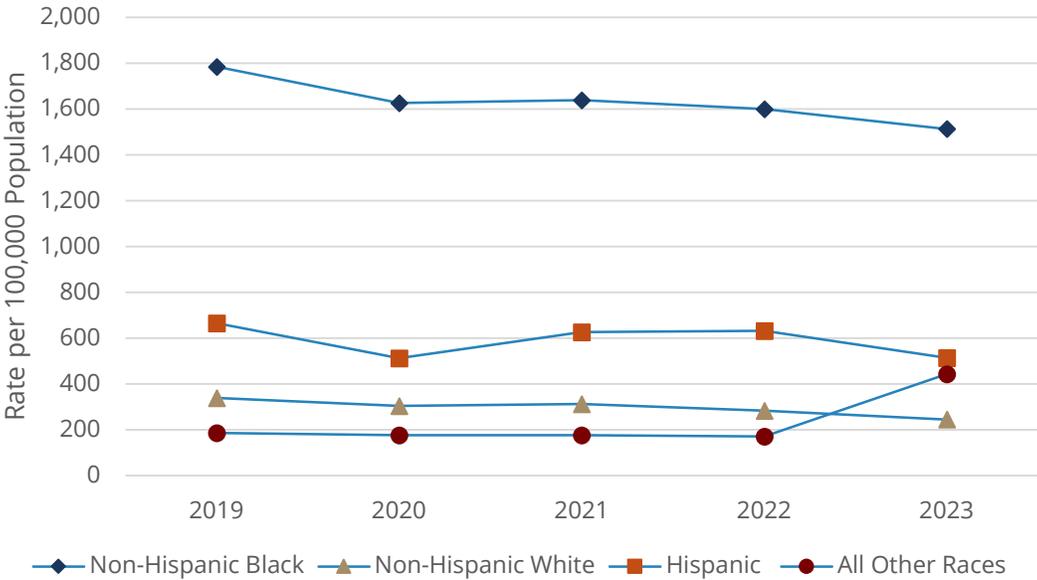
In 2023, 24,266 chlamydia infections were reported among females with a rate of 668.2 per 100,000 females. The reported number and rate among males were much lower, with 13,009 chlamydia cases reported for a rate of 372.2 per 100,000 males.

Figure 28: Chlamydia — Rate of Reported Cases by Age Group, Tennessee, 2019–2023



In 2023, the highest rates of chlamydia were reported among individuals aged 20–24, followed by individuals ages 15–19. There were 13,142 reported cases for individuals aged 20-24 years with a rate of 2842.4 per 100,000. Among individuals aged 15-19 years, 9,220 cases of chlamydia were reported with a rate of 2180.0 per 100,000 persons.

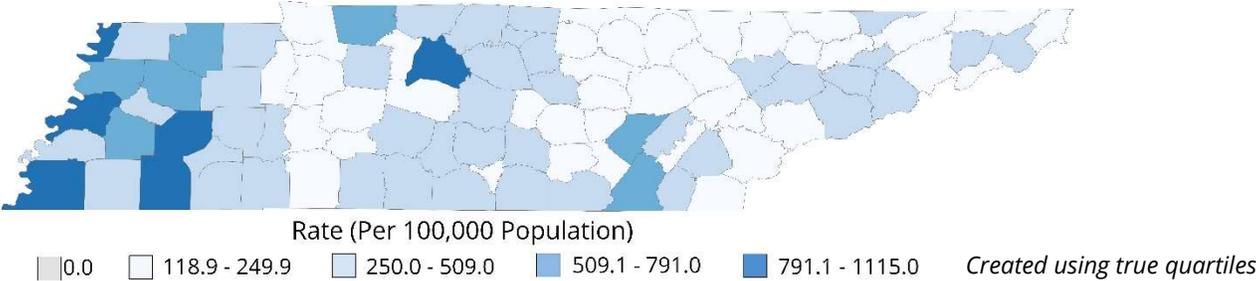
Figure 29: Chlamydia — Rate of Reported Cases by Race and Ethnicity, Tennessee, 2019–2023



From 2019 to 2023, non-Hispanic Black individuals had the highest rate of chlamydia infections reported in Tennessee. In 2023, there were 1,513.6 cases per 100,000 persons of reported chlamydia infection among non-Hispanic Black, as compared to 443.4 cases per 100,000 individuals of all other races, 245.6 cases per 100,000 non-Hispanic White individuals and 514.4 cases per 100,000 Hispanic individuals. Except for persons in the all other races group, all racial and ethnic groups have seen a decrease in rates of chlamydia from 2019 to 2023.

The increase in rate of chlamydia from 2022 to 2023 with individuals in the all other races group is likely a surveillance artifact due to the transition to a new surveillance system and the differences in how these data were collected between the two systems. All other races includes American Indian or Alaskan Native, Asian, multi race, Native Hawaiian or other Pacific Islander, non-Hispanic Asian, non-Hispanic Indian, and other and does not include unknown or missing. The surveillance system transition also impacted the completeness of race and ethnicity information. From 2019 to 2023, 7,421 (3.8%) chlamydia investigations had unknown race and ethnicity. On average 2.7% of chlamydia cases had race and ethnicity unknown from 2019 to 2022, whereas 3.8% of cases had race and ethnicity unknown in 2023.

Figure 30: Chlamydia — Rate of Reported Cases by County, Tennessee, 2017–2023



In 2023, rates of reported cases of chlamydia by county ranged from 118.9 cases per 100,000 population in Cumberland County to 1,115.0 per 100,000 population in Shelby County. Counties with the highest rates of reported cases per 100,000 population were Shelby (1,115.0 per 100,000), Hardeman (962.2 per 100,000), and Madison (928.5 per 100,000).

Gonorrhea

Figure 31: Gonorrhea — Number of Reported Cases, Tennessee, 2019–2023

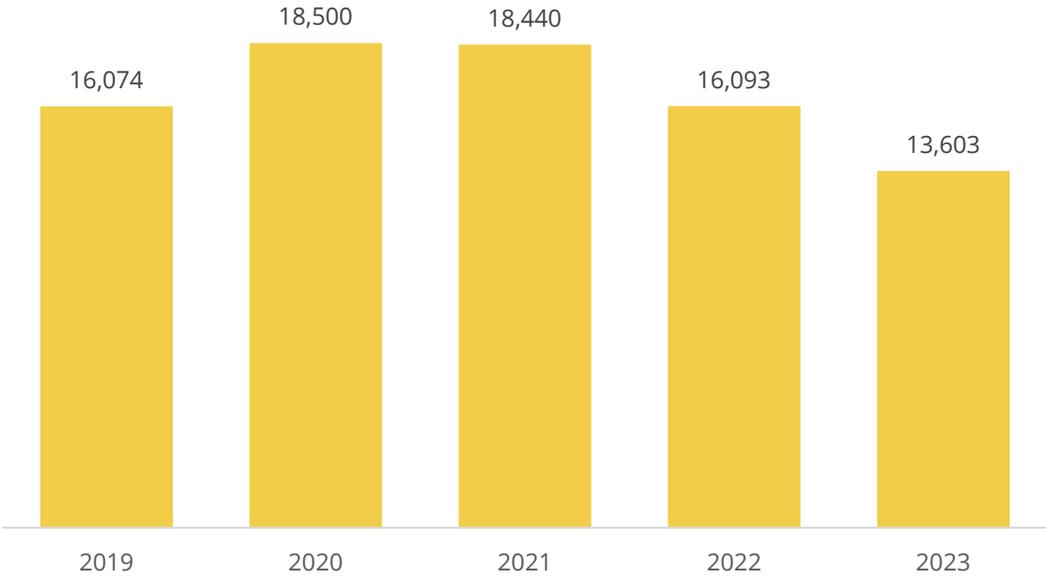
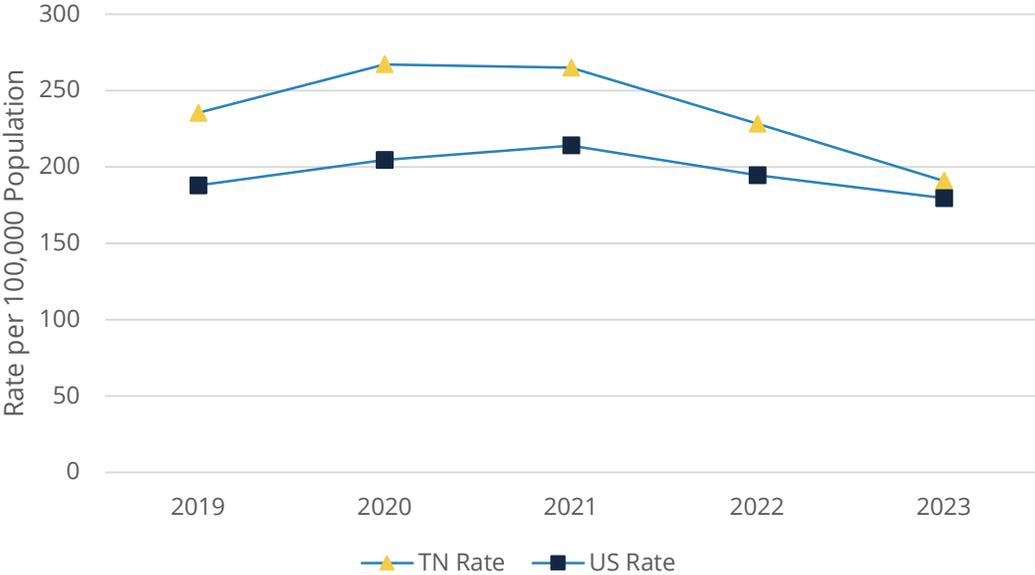


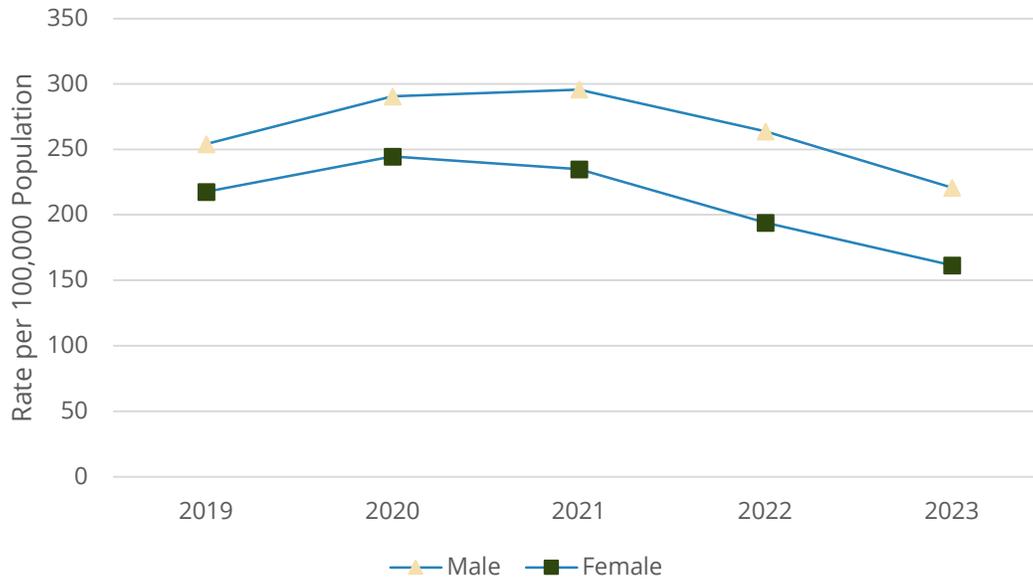
Figure 32: Gonorrhea — Rate of Reported Cases, Tennessee, 2019–2023



In Tennessee and nationally, the number and rate of reported cases of gonorrhea decreased from 2019 to 2023. However, Tennessee had higher rates of reported gonorrhea cases compared to the United States over the last five years. In 2023, 16,093 gonorrhea

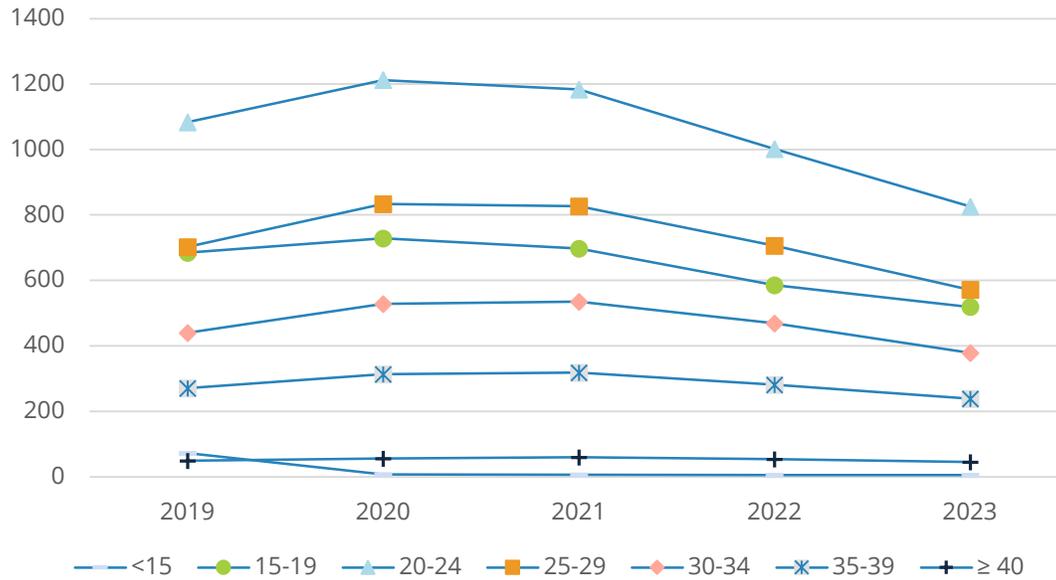
infections were reported for a rate of 190.6 cases per 100,000 population, which was higher than the national rate of 179.5 cases per 100,000 population.

Figure 33: Gonorrhea — Rate of Reported Cases by Sex, Tennessee, 2019–2023



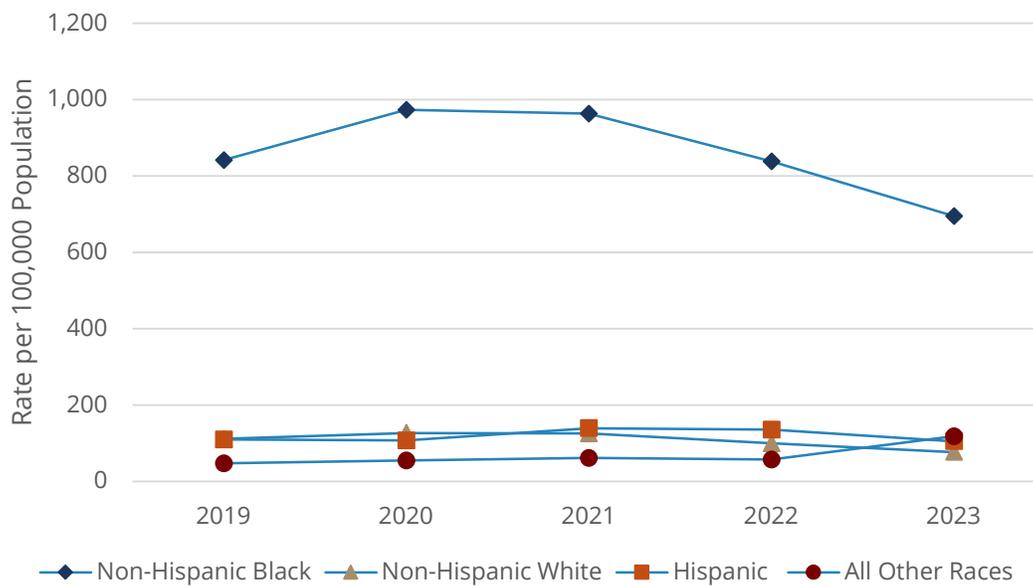
In 2023, 7,717 cases of gonorrhea were reported among males for a rate of 220.8 cases per 100,000 males. The number of reported gonorrhea cases among females was lower, with 5,866 cases reported for a rate of 161.5 cases per 100,000 females. Reported cases and the rate of gonorrhea increased from 2019 to 2021 and decreased from 2021-2023 in males. For females, reported cases and rates increased from 2019–2020, but decreased from 2020 to 2023.

Figure 34: Gonorrhea — Rate of Reported Cases by Age Group, Tennessee, 2019–2023



In 2023, the highest rates of gonorrhea were reported among persons aged 20–24, followed by persons aged 25–29. Among persons 20–24 years of age, 3,819 cases were reported for a rate of 829.0 cases per 100,000 individuals. Among persons 25–29 years, 2,371 cases were reported for a rate of 519.0 cases per 100,000 population. All age groups aside from those <15 have followed the decrease seen statewide.

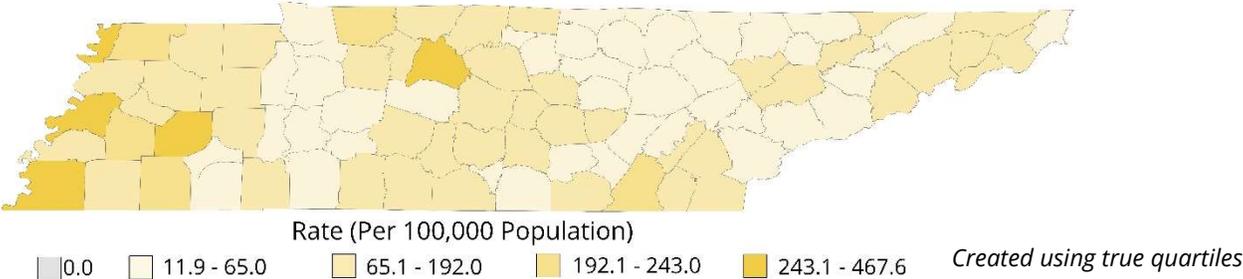
Figure 35: Gonorrhea — Rate of Reported Cases by Race and Ethnicity, Tennessee, 2019–2023



Non-Hispanic Black individuals had the highest burden of gonorrhea infections in the state from 2019 to 2023. In 2023, the reported rate of gonorrhea infections was 695.0 cases per 100,000 individuals, as compared to 118.2 cases per 100,000 persons of all other races, 77.3 cases per 100,000 non-Hispanic White individuals and 105.4 cases per 100,000 Hispanic individuals. From 2019 to 2023 all races and ethnicities saw a decrease in the rate of gonorrhea cases except for the all other races cohort from 2022 to 2023, which saw an increase.

This increase is likely a surveillance artifact due to the transition to a new surveillance system and the differences in how these data were collected between the two systems. All other races includes American Indian or Alaskan Native, Asian, multi race, Native Hawaiian or other Pacific Islander, non-Hispanic Asian, non-Hispanic Indian, and other and does not include unknown or missing. The surveillance system transition also impacted the completeness of race and ethnicity information. From 2019 to 2023, 2,128 (2.6%) gonorrhea investigations had unknown race and ethnicity. On average 2.1% of gonorrhea cases had race and ethnicity unknown during 2019 to 2022, 5.4% of cases had race and ethnicity unknown in 2023.

Figure 36: Gonorrhea — Rate of Reported Cases by County, Tennessee, 2017–2023



In 2023, rate of reported cases of gonorrhea by county ranged from 11.9 per 100,000 population in Morgan County to 467.6 per 100,000 population in Shelby County. The counties with the three highest rates of reported gonorrhea per 100,000 population were Shelby (467.6 per 100,000), Lake (441.2 per 100,000), and Davidson (414.1 per 100,000).

Technical Notes

About this Report:

This report provides an overview of reported STI cases in Tennessee using finalized surveillance data from 2019 to 2023 and presents trends from the reporting period based on core surveillance activities in the state.

The surveillance information in this report is based on case report data received and stored in the Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS) from 2019–2023; however, it is important to note that these case reports reflect only a portion of STIs occurring among the state’s population. STIs are often asymptomatic and may not be diagnosed; additionally, STIs may be diagnosed and not reported. Therefore, case estimates in this report are very likely to be an underestimate of the number of infections that occurred in TN over this time.

The case definitions used are those defined by the Council of State and Territorial Epidemiologists (CSTE). Case definitions are periodically revised via CSTE’s Position Statements and provide uniform criteria of nationally notifiable conditions for reporting purposes. Please see the NNDSS website (<https://wwwn.cdc.gov/nndss/case-definitions.html>) for case definitions.

Reporting Delay: Delays exist between the time a STI infection is diagnosed and the time the infection is reported to TDH. The data in this report represent all information reported to TDH through December 20, 2024. However, the case counts may change as new information is received and may differ from other reports. The figures and tables in this edition supersede those in earlier publications of the data.

Place of Residence: STI diagnoses are presented based on an individual’s residence at the time of the most recent laboratory results.

Population: Population estimates for Tennessee were obtained from the U.S. Census Bureau website. Because of the use of the updated population data, rates from 2019–2023 may be different from those presented in previous STI epidemiological profiles.

Small Numbers: Data release limitations are set to ensure that the information cannot be used to inadvertently identify an individual. Please interpret rates where the numerator is less than 20 cases with caution because of the low reliability of rates based on a small number of cases.

Public Health Regions: Tennessee’s 95 counties are divided into thirteen public health regions. A map showing the public health region is in Appendix A

Acknowledgments

The authors would like to thank the central office and public health regional STI surveillance staff throughout the state of Tennessee, without whom, an accurate accounting of the STI epidemic in Tennessee would not be possible. The authors also thank the STI Prevention and Field Operations team - Diana Saia, Darnell Brooks, Dan Burke, Tracey Smith, Brad Beasley, Jahya Winters, and the CDC Consultant, Lavonne Cole, for their dedication to ensure the accuracy of STI data. Additionally, we would like to thank Tennessee Department of Health's STI Prevention, Surveillance, and Clinical programs for providing valuable data collection, guidance, and support. We would also like to thank the HIV Surveillance section for preparing population estimates and consulting on the creation of this profile.

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Glossary

Case: A condition of a disease or infection diagnosed according to a standard case definition.

Case rate: The frequency of a defined event in a specified population for a given time period, usually expressed as the number of cases per 100,000 people in a population. Case rates provide a measure of the effect of illness relative to the size of the population. Case rate is calculated by first dividing the number of cases in the population of interest by the total number of people in the population and multiplying it by 100,000 to get the rate per 100,000 people.

Chlamydia: A curable bacterial sexually transmitted infection caused by *Chlamydia trachomatis*. The infection may result in urethritis, epididymitis, cervicitis, acute salpingitis, or other syndromes; however, it can often be asymptomatic in women. Perinatal infections may result in inclusion conjunctivitis and pneumonia in newborns.

Congenital syphilis: A condition caused by infection in utero or at delivery with *Treponema pallidum*. A wide spectrum of severity exists, from asymptomatic infection to severe cases that are clinically apparent at birth. An infant or child (aged less than 2 years) may have signs such as hepatosplenomegaly, rash, condyloma lata, snuffles, jaundice, pseudo paralysis, anemia, or edema (nephrotic syndrome and/or malnutrition). An older child may have stigmata (e.g., interstitial keratitis, nerve deafness, anterior bowing of shins, frontal bossing, mulberry molars, Hutchinson teeth, saddle nose, rhagades, or Clutton joints).

Early non-primary non-secondary syphilis: A stage of infection caused by *Treponema pallidum* in which initial infection has occurred within the previous 12 months, but there are no signs or symptoms of primary or secondary syphilis.

Gonorrhea: A curable bacterial sexually transmitted infection caused by *Neisseria gonorrhoeae*. The infection is commonly manifested by urethritis, cervicitis, proctitis, salpingitis, or pharyngitis. Infection may be asymptomatic.

Percentage: A proportion of the whole, in which the whole is 100.

Primary syphilis: A stage of infection with *Treponema pallidum* categorized as infectious. This stage is characterized by one or more ulcerative lesions (e.g., chancre), which might differ considerably in clinical appearance.

Secondary syphilis: A stage of infection with the bacterium *Treponema Pallidum* categorized as infectious. This stage is characterized by localized or diffuse mucocutaneous lesions,

often with generalized lymphadenopathy. Other symptoms can include mucous patches, condyloma lata, and alopecia.

Surveillance: In a public health context, refers to the collection of data on diseases or other important health conditions in order to monitor where the condition occurs, trends over time and to determine the risk factors associated with the condition.

Syphilis: A curable bacterial sexually transmitted infection caused by *Treponema pallidum*. It is categorized into of four stages of infection that include primary, secondary, early non-primary non-secondary, and unknown duration or late. Syphilis is a systemic infection that can cause a variety of clinical manifestations including neurologic, ocular, otic and tertiary syphilis.

Trend: A long-term movement or change in frequency over time, usually upward or downward; may be presented as a line graph.

Unknown duration or late syphilis: A stage of infection caused by *Treponema pallidum* in which initial infection has occurred >12 months previously or in which there is insufficient evidence to conclude that infection was during the previous 12 month.

Women of reproductive age: People of the female sex aged 15–44 at the time of their STI event.

Abbreviations

CDC: Centers for Disease Control and Prevention

CSTE: Council of State and Territorial Epidemiologist

CT: Chlamydia

CS: Congenital Syphilis

GC: Gonorrhea

NBS: Early non-primary non-secondary syphilis

P&S: Primary and Secondary

PRISM: Patient Reporting Investigating Surveillance Manager

STI: Sexually Transmitted Infection

TDH: Tennessee Department of Health

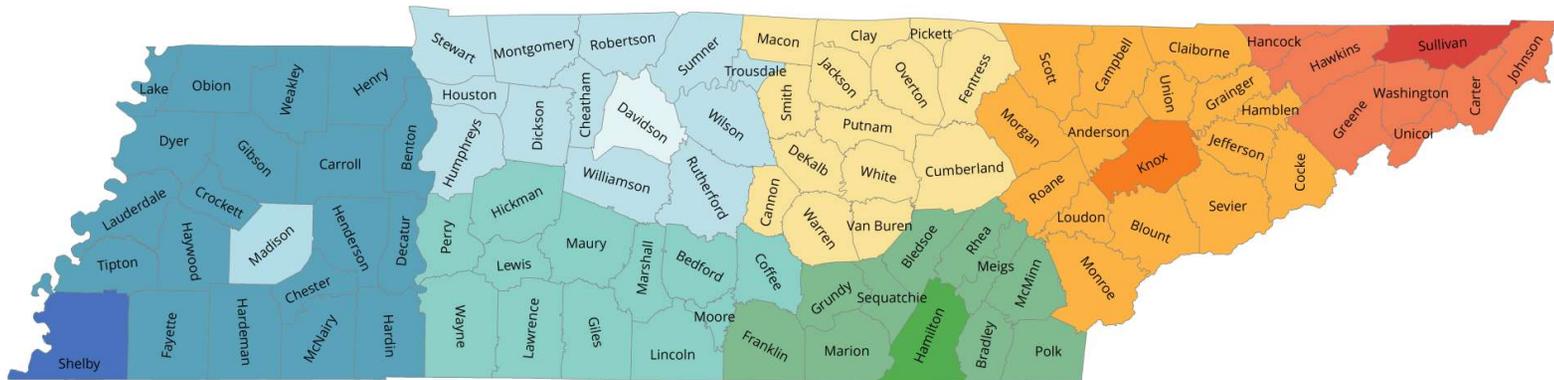
WRA: Women of Reproductive Age

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Appendix A: Tennessee Public Health Regions

Map 1. Public Health Regions, Tennessee



- | | | |
|--|---|--|
| ■ Blountville/Sullivan County | ■ Knoxville/Knox County | ■ Northeast |
| ■ Chattanooga/Hamilton County | ■ Memphis/Shelby County | ■ South Central |
| ■ East | ■ Mid-Cumberland | ■ Southeast |
| ■ Jackson/Madison County | ■ Nashville/Davidson County | ■ Upper Cumberland |
| | | ■ West |

Appendix B: STI Statewide Data

Table 1: Syphilis — Rate and Count of Reported Cases Excluding Congenital Syphilis, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	1,715	51.5	1,827	53.7	2,267	66.4	2,602	75.3	2,655	76.0
Female	514	14.7	563	16.0	886	25.0	1,188	33.1	1,417	39.0
<i>WRA</i>										
WRA	413	30.9	464	34.2	730	53.4	970	69.8	1,180	83.7
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	1,275	111.7	1,399	122.2	1,790	156.9	2,148	187.9	2,151	187.7
Non-Hispanic, White	749	14.9	821	16.4	1,065	21.2	1,282	25.2	1,390	27.1
Hispanic	158	40.4	130	27.0	213	43.1	254	49.3	315	58.8
All Other Races	47	17.0	40	14.1	85	29.0	106	34.9	218	69.3
<i>Age groups</i>										
<15	1	0.1	6	0.5	3	0.2	4	0.3	5	0.4
15-19	100	23.6	107	24.4	130	29.6	155	34.6	177	38.7
20-24	378	84.9	357	79.8	455	101.5	550	120.5	591	127.8
25-29	455	91.5	512	105.3	602	125.3	750	155.7	707	146.4
30-34	353	78.0	415	88.7	589	122.5	690	139.3	721	142.9
35-39	252	57.9	282	63.4	426	95.3	482	106.4	538	116.9
40+	690	20.8	711	21.2	948	28.0	1,159	33.8	1,335	38.4
Overall	2,229	32.6	2,390	34.5	3,153	45.3	3,790	53.8	4,074	57.2

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 2: Syphilis — Rate and Count of Reported Primary Cases, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	198	5.9	244	7.2	293	8.6	328	9.5	316	9.0
Female	25	0.7	40	1.1	81	2.3	100	2.8	78	2.1
<i>WRA</i>										
WRA	17	1.3	34	2.5	76	5.6	92	6.6	67	4.8
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	101	8.8	129	11.3	156	13.7	196	17.1	181	15.8
Non-Hispanic, White	105	2.1	135	2.7	184	3.7	202	4.0	175	3.4
Hispanic	14	3.6	12	2.5	26	5.3	24	4.7	24	4.5
All Other Races	3	1.1	8	2.8	8	2.7	6	2.0	14	4.5
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	10	2.4	12	2.7	18	4.1	12	2.7	8	1.8
20-24	29	6.5	45	10.1	59	13.2	80	17.5	59	12.8
25-29	38	7.6	52	10.7	76	15.8	93	19.3	63	13.0
30-34	40	8.8	57	12.2	62	12.9	78	15.7	75	14.9
35-39	34	7.8	27	6.1	56	12.5	50	11.0	55	12.0
40+	72	2.2	91	2.7	103	3.0	115	3.4	134	3.9
Overall	223	3.3	284	4.1	374	5.4	428	6.1	394	5.5

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 3: Syphilis — Rate and Count of Reported Secondary Cases, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	379	11.4	372	10.9	404	11.8	482	13.9	444	12.7
Female	86	2.5	102	2.9	172	4.8	225	6.3	256	7.0
<i>WRA</i>										
WRA	70	5.2	86	6.3	150	11.0	184	13.2	227	16.1
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	237	20.8	271	23.7	340	29.8	373	32.6	375	32.7
Non-Hispanic, White	186	3.7	172	3.4	212	4.2	290	5.7	269	5.2
Hispanic	32	8.2	27	5.6	19	3.8	27	5.2	36	6.7
All Other Races	10	3.6	4	1.4	5	1.7	17	5.6	20	6.4
<i>Age groups</i>										
<15	0	0.0	3	0.2	1	0.1	1	0.1	2	0.2
15-19	28	6.6	28	6.4	34	7.7	38	8.5	50	10.9
20-24	96	21.6	75	16.8	77	17.2	107	23.4	113	24.4
25-29	91	18.3	113	23.2	115	23.9	136	28.2	135	28.0
30-34	68	15.0	79	16.9	108	22.5	123	24.8	119	23.6
35-39	43	9.9	66	14.8	78	17.4	92	20.3	89	19.3
40+	139	4.2	110	3.3	163	4.8	210	6.1	192	5.5
Overall	465	6.8	474	6.8	576	8.3	707	10.0	700	9.8

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 4: Syphilis — Rate and Count of Reported Primary and Secondary Cases, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	577	17.3	616	18.1	697	20.4	810	23.4	760	21.7
Female	111	3.2	142	4.0	253	7.1	325	9.0	334	9.2
<i>WRA</i>										
WRA	87	6.5	120	8.9	226	16.5	276	19.9	294	20.9
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	338	29.6	400	34.9	496	43.5	569	49.8	556	48.5
Non-Hispanic, White	291	5.8	307	6.1	396	7.9	492	9.7	444	8.7
Hispanic	46	11.8	39	8.1	45	9.1	51	9.9	60	11.2
All Other Races	13	4.7	12	4.2	13	4.4	23	7.6	34	10.8
<i>Age groups</i>										
<15	0	0.0	3	0.2	1	0.1	1	0.1	2	0.2
15-19	38	9.0	40	9.1	52	11.8	50	11.2	58	12.7
20-24	125	28.1	120	26.8	136	30.3	187	41.0	172	37.2
25-29	129	25.9	165	33.9	191	39.8	229	47.5	198	41.0
30-34	108	23.9	136	29.1	170	35.3	201	40.6	194	38.5
35-39	77	17.7	93	20.9	134	30.0	142	31.3	144	31.3
40+	211	6.4	201	6.0	266	7.9	325	9.5	326	9.4
Overall	688	10.1	758	10.9	950	13.6	1,135	16.1	1,094	15.4

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 5: Syphilis — Rate and Count of Reported Early Non-Primary Non-Secondary Cases, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	497	14.9	538	15.8	668	19.6	642	18.6	659	18.9
Female	142	4.1	151	4.3	179	5.0	233	6.5	235	6.5
<i>WRA</i>										
WRA	126	9.4	130	9.6	144	10.5	209	15.0	204	14.5
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	412	36.1	441	38.5	520	45.6	504	44.1	478	41.7
Non-Hispanic, White	178	3.5	210	4.2	256	5.1	292	5.7	303	5.9
Hispanic	44	11.2	31	6.4	55	11.1	66	12.8	71	13.3
All Other Races	5	1.8	7	2.5	16	5.5	13	4.3	42	13.4
<i>Age groups</i>										
<15	1	0.1	0	0.0	2	0.2	1	0.1	0	0.0
15-19	31	7.3	20	4.6	25	5.7	30	6.7	33	7.2
20-24	133	29.9	109	24.4	144	32.1	118	25.9	128	27.7
25-29	149	30.0	151	31.1	165	34.3	195	40.5	173	35.8
30-34	92	20.3	128	27.3	165	34.3	185	37.3	159	31.5
35-39	67	15.4	77	17.3	120	26.8	103	22.7	127	27.6
40+	166	5.0	204	6.1	226	6.7	243	7.1	274	7.9
Overall	639	9.4	689	9.9	847	12.2	875	12.4	894	12.5

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 6: Syphilis — Rate and Count of Reported Unknown Duration or Late Cases, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	641	19.2	673	19.8	902	26.4	1,150	33.3	1,236	35.4
Female	261	7.5	270	7.7	454	12.8	630	17.5	848	23.4
<i>WRA</i>										
WRA	200	15.0	214	15.8	360	26.3	485	34.9	682	48.4
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	525	46.0	558	48.8	774	67.8	1,075	94.0	1,117	97.5
Non-Hispanic, White	280	5.6	304	6.1	413	8.2	498	9.8	643	12.5
Hispanic	68	17.4	60	12.5	113	22.8	137	26.6	184	34.3
All Other Races	29	10.5	21	7.4	56	19.1	70	23.1	142	45.1
<i>Age groups</i>										
<15	0	0.0	3	0.2	0	0.0	2	0.2	3	0.2
15-19	31	7.3	47	10.7	53	12.1	75	16.7	86	18.8
20-24	120	27.0	128	28.6	175	39.0	245	53.7	291	62.9
25-29	177	35.6	196	40.3	246	51.2	326	67.7	336	69.6
30-34	153	33.8	151	32.3	254	52.8	304	61.4	368	73.0
35-39	108	24.8	112	25.2	172	38.5	237	52.3	267	58.0
40+	313	9.4	306	9.1	456	13.5	591	17.2	735	21.2
Overall	902	13.2	943	13.6	1,356	19.5	1,780	25.3	2,086	29.3

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 7: Congenital Syphilis — Rate and Count of Reported Cases, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Report Year</i>	15	18.6	31	39.4	36	44.1	62	75.4	92	110.8
<i>Birth Year</i>	14	17.4	31	39.4	40	49.0	61	74.1	88	106.0

Table 8: Syphilis —Reported Number of Congenital Syphilis Cases by Birth Year Compared with Rate of Women Aged 15-44 Reported with all Stages of Syphilis by Public Health Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No. CS	WRA Rate								
<i>Report Year</i>										
CHR	0	0.0	2	47.4	2	43.8	3	68.2	5	110.9
ETR	1	12.6	1	13.0	3	37.0	3	37.5	1	12.0
JMR	0	0.0	0	0.0	0	0.0	1	82.1	0	0.0
KKR	0	0.0	1	19.7	2	37.1	2	37.0	2	36.2
MCR	0	0.0	2	12.4	3	17.9	3	17.3	2	11.4
NER	0	0.0	0	0.0	0	0.0	0	0.0	2	16.6
NDR	3	30.0	5	51.8	5	50.0	5	47.5	11	106.7
MSR	9	70.3	11	87.4	20	160.8	36	293.5	49	370.3
SCR	0	0.0	0	0.0	1	19.5	1	19.1	2	36.8
SER	0	0.0	1	28.4	1	26.9	2	53.7	2	53.3
SUL	0	0.0	0	0.0	0	0.0	0	0.0	1	66.6
UCR	1	25.5	1	27.4	1	25.2	0	0.0	3	74.7
WTR	0	0.0	7	129.5	2	34.3	5	87.1	8	141.2
Overall	14	17.4	31	39.4	40	49.0	61	75.4	88	106.0

Birth year indicates the year the congenital syphilis case was reported to the Tennessee Department of Health

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 9: Syphilis —Reported Number of Congenital Syphilis Cases by Report Year Compared with Rate of Women Aged 15-44 Reported with all Stages of Syphilis by Public Health Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No. CS	WRA Rate								
<i>Report Year</i>										
CHR	0	0.0	2	47.4	1	21.9	4	90.9	5	110.9
ETR	1	12.6	1	13.0	3	37.0	3	37.5	1	12.0
JMR	0	0.0	0	0.0	0	0.0	1	82.1	0	0.0
KKR	0	0.0	1	19.7	2	37.1	2	37.0	2	36.2
MCR	0	0.0	2	12.4	3	17.9	3	17.3	2	11.4
NER	0	0.0	0	0.0	0	0.0	0	0.0	2	16.6
NDR	4	40.0	4	41.4	6	60.0	4	38.0	12	116.4
MSR	9	70.3	12	95.3	16	128.7	37	301.7	52	393.0
SCR	0	0.0	0	0.0	1	19.5	1	19.1	2	36.8
SER	0	0.0	1	28.4	1	26.9	2	53.7	2	53.3
SUL	0	0.0	0	0.0	0	0.0	0	0.0	1	66.6
UCR	1	25.5	1	27.4	1	25.2	0	0.0	3	74.7
WTR	0	0.0	7	129.5	2	34.3	5	87.1	8	141.2
Overall	15	18.6	31	39.4	36	44.1	62	75.4	92	110.8

Report year indicates the year the congenital syphilis case was reported to the Tennessee Department of Health

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 10: Chlamydia — Rate and Count of Reported Cases, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	14,221	426.8	12,817	376.8	13,738	402.2	13,494	390.3	13,009	372.2
Female	27,099	774.6	24,817	704.1	25,057	706.2	24,806	690.7	24,266	668.2
<i>WRA</i>										
WRA	26,520	1986.7	24,280	1792.1	24,472	1790.2	24,183	1739.4	23,657	1678.3
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	20,375	1785.1	18,608	1625.8	18,701	1638.7	18,288	1599.4	17,345	1513.6
Non-Hispanic, White	17,013	338.8	15,277	304.6	15,737	312.5	14,387	282.8	12,598	245.6
Hispanic	2,606	665.7	2,466	512.8	3,097	626.2	3,255	631.7	2,756	514.4
All Other Races	1,329	480.6	1,285	451.6	1,260	430.4	2,377	783.5	4,617	1467.5
<i>Age groups</i>										
<15	308	24.6	279	21.7	288	22.4	282	21.9	274	21.3
15-19	11,514	2712.1	10,115	2305.6	9,580	2182.8	9,276	2070.8	9,220	2018.0
20-24	15,257	3428.6	13,872	3101.4	14,525	3240.4	14,057	3079.9	13,142	2842.4
25-29	7,685	1544.8	7,190	1479.3	7,448	1550.2	7,278	1510.8	7,005	1450.6
30-34	3,382	747.4	3,246	693.5	3,522	732.2	3,732	753.2	3,753	744.1
35-39	1,591	365.5	1,466	329.5	1,629	364.3	1,751	386.6	1,892	411.1
40+	1,586	47.8	1,468	43.8	1,803	53.3	1,931	56.3	2,030	58.4
Overall	41,323	605.0	37,635	543.4	38,795	557.1	38,307	543.4	37,316	523.6

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 11: Gonorrhea — Rate and Count of Reported Cases, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	8,464	254.0	9,878	290.4	10,105	295.8	9,116	263.7	7,717	220.8
Female	7,610	217.5	8,622	244.6	8,335	234.9	6,970	194.1	5,866	161.5
<i>WRA</i>										
WRA	7,342	550.0	8,320	614.1	8,038	588.0	6,666	479.5	5,623	398.9
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	9,608	841.8	11,139	973.2	10,989	962.9	9,587	838.4	7,964	695.0
Non-Hispanic, White	5,608	111.7	6,375	127.1	6,331	125.7	5,097	100.2	3,965	77.3
Hispanic	429	109.6	518	107.7	691	139.7	700	135.9	565	105.4
All Other Races	429	155.1	468	164.5	429	146.5	709	233.7	1,109	352.5
<i>Age groups</i>										
<15	308	72.5	95	7.4	79	6.2	69	5.4	71	5.5
15-19	2,908	685.0	3,196	728.5	3,061	697.5	2,623	585.6	2,371	519.0
20-24	4,821	1083.4	5,423	1212.4	5,304	1183.3	4,569	1001.1	3,819	826.0
25-29	3,492	701.9	4,051	833.5	3,972	826.7	3,403	706.4	2,760	571.5
30-34	1,988	439.3	2,474	528.5	2,574	535.1	2,325	469.2	1,909	378.5
35-39	1,176	270.2	1,396	313.8	1,423	318.2	1,273	281.0	1,099	238.8
40+	1,612	48.5	1,865	55.6	2,027	59.9	1,831	53.4	1,572	45.3
Overall	16,074	235.3	18,500	267.1	18,440	264.8	16,093	228.3	13,603	190.9

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Appendix C: Syphilis Regional Data

Stages of Syphilis Excluding Congenital Syphilis Regional Data

Table 1: Syphilis — Rate and Count of Reported Cases Chattanooga/Hamilton County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	63	35.5	59	33.1	110	61.5	146	80.3	117	63.5
Female	20	10.5	10	5.3	22	11.6	79	41.0	221	113.1
<i>WRA</i>										
WRA	12	16.5	7	9.6	14	19.2	64	86.1	93	122.8
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	35	50.2	30	43.8	55	81.2	107	158.8	142	210.7
Non-Hispanic, White	36	13.8	32	12.5	59	23.0	88	33.7	161	61.0
Hispanic	7	31.9	6	22.1	15	53.2	21	70.8	21	67.6
All Other Races	2	13.2	1	6.5	3	18.7	9	54.0	14	80.8
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	1	4.6	3	13.8	3	13.8	4	18.0	7	30.6
20-24	8	35.6	7	32.0	13	59.1	28	126.1	41	182.3
25-29	10	35.7	8	30.1	23	89.1	43	166.4	52	200.6
30-34	12	46.0	9	33.5	24	87.4	38	135.8	62	219.6
35-39	7	29.5	14	58.4	16	65.7	32	127.9	51	196.7
40+	45	24.7	28	15.4	53	29.0	80	43.1	125	66.4
Overall	83	22.6	69	18.8	132	35.8	225	60.1	338	89.0

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 2: Syphilis — Rate and Count of Reported Cases East Tennessee Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	55	14.4	61	15.8	94	24.1	121	30.6	155	38.6
Female	16	4.1	14	3.6	45	11.3	53	13.2	84	20.6
<i>WRA</i>										
WRA	12	9.1	10	7.6	40	30.0	36	26.6	66	47.7
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	6	35.6	10	58.4	12	69.2	9	51.4	18	100.3
Non-Hispanic, White	55	7.8	63	9.0	103	14.6	146	20.5	189	26.2
Hispanic	7	19.6	2	4.9	20	46.9	12	26.8	27	56.7
All Other Races	3	14.3	0	0.0	4	18.0	7	30.5	5	20.9
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	2	4.4	1	2.2	5	10.8	3	6.4	8	16.8
20-24	13	30.6	8	19.0	17	40.0	18	41.7	31	69.9
25-29	12	24.7	15	31.9	26	55.6	33	70.3	37	77.8
30-34	10	23.3	17	38.2	26	55.8	27	55.6	35	69.4
35-39	9	21.0	10	23.2	20	46.1	29	65.5	33	72.9
40+	25	5.9	24	5.6	45	10.5	64	14.7	94	21.3
Overall	71	9.1	75	9.6	139	17.7	174	21.8	239	29.5

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 3: Syphilis — Rate and Count of Reported Cases Jackson/Madison County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	34	73.2	30	63.2	23	48.7	34	71.4	23	48.3
Female	8	15.5	11	21.4	6	11.7	15	29.1	17	33.0
<i>WRA</i>										
WRA	6	30.6	11	56.4	3	15.3	14	71.2	15	76.1
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	29	79.1	29	77.9	19	51.3	35	93.5	28	74.8
Non-Hispanic, White	12	22.0	10	18.6	10	18.7	9	16.8	11	20.7
Hispanic	1	24.9	2	42.7	0	0.0	5	97.5	0	0.0
All Other Races	0	0.0	0	0.0	0	0.0	0	0.0	1	30.5
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	5	70.9	1	14.4	1	14.4	3	42.4	4	56.1
20-24	8	118.2	5	74.6	6	89.1	9	130.5	5	72.4
25-29	8	119.0	12	179.6	6	92.1	11	172.8	7	111.2
30-34	6	103.8	9	149.1	4	64.4	12	184.4	11	167.8
35-39	3	53.0	5	86.6	1	17.6	3	53.2	4	70.7
40+	12	25.0	9	18.7	11	22.9	11	22.7	9	18.6
Overall	42	42.8	41	41.5	29	29.4	49	49.4	40	40.3

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 4: Syphilis — Rate and Count of Reported Cases Knoxville/Knox County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	85	37.2	87	37.0	118	49.6	134	55.3	181	73.8
Female	15	6.2	14	5.7	32	12.9	47	18.6	84	32.9
<i>WRA</i>										
WRA	8	8.1	11	10.9	27	26.3	30	28.4	63	58.9
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	31	76.0	27	64.9	52	124.4	60	142.8	86	204.4
Non-Hispanic, White	62	16.1	65	16.8	84	21.5	103	25.9	152	37.9
Hispanic	4	18.6	7	24.4	9	30.5	13	42.0	15	47.0
All Other Races	3	13.3	2	8.6	5	20.8	5	20.0	12	46.2
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	4	12.9	2	6.1	4	12.2	2	5.8	7	20.1
20-24	9	21.9	17	40.6	21	49.9	15	34.6	28	63.6
25-29	16	46.8	20	58.6	28	80.8	34	97.0	19	54.0
30-34	20	65.1	19	59.6	36	109.3	35	102.7	55	159.2
35-39	15	48.5	14	43.9	16	50.1	31	96.4	39	119.6
40+	36	16.3	29	12.9	45	19.8	64	27.7	117	50.0
Overall	100	21.3	101	21.0	150	30.9	181	36.5	265	52.9

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 5: Syphilis — Rate and Count of Reported Cases Mid-Cumberland Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	187	28.4	173	25.3	232	33.2	271	37.8	246	33.7
Female	30	4.4	38	5.5	62	8.7	70	9.6	73	9.8
<i>WRA</i>										
WRA	23	8.5	30	10.7	52	18.1	53	17.9	65	21.5
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	77	54.3	84	55.9	116	74.6	135	84.3	146	88.8
Non-Hispanic, White	106	10.3	111	10.6	143	13.5	149	13.8	125	11.5
Hispanic	29	32.3	10	9.1	26	22.3	46	37.2	39	29.9
All Other Races	5	7.0	6	8.0	9	11.4	11	13.2	9	10.3
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	7	7.8	7	7.4	11	11.4	14	14.1	7	6.9
20-24	38	42.3	36	39.0	50	53.0	47	48.8	45	45.8
25-29	45	48.5	46	49.9	52	55.7	70	73.6	64	66.6
30-34	30	33.7	33	35.5	50	51.7	74	73.6	51	49.5
35-39	30	31.9	20	20.5	42	42.2	37	36.5	42	40.8
40+	67	11.0	69	11.0	89	13.8	99	14.9	110	16.2
Overall	217	16.3	211	15.3	294	20.8	341	23.6	319	21.7

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 6: Syphilis — Rate and Count of Reported Cases Memphis/Shelby County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	670	150.7	727	164.1	877	199.8	1,054	242.4	948	220.0
Female	254	51.6	289	59.4	427	88.1	512	106.3	618	129.0
<i>WRA</i>										
WRA	220	112.4	248	127.8	349	180.4	432	224.2	528	275.6
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	787	156.2	882	178.3	1,120	227.7	1,362	278.7	1,298	267.4
Non-Hispanic, White	85	25.7	86	27.2	110	35.4	103	33.7	96	31.9
Hispanic	38	61.7	37	47.7	38	48.4	56	70.4	61	75.3
All Other Races	14	33.8	11	26.7	36	86.1	45	106.4	112	260.5
<i>Age groups</i>										
<15	1	0.5	6	3.0	3	1.5	4	2.1	3	1.6
15-19	57	94.9	65	108.3	81	136.0	105	174.5	106	173.7
20-24	208	335.5	186	310.9	231	393.2	268	460.5	290	503.4
25-29	201	268.7	229	320.9	258	373.3	317	473.0	303	469.3
30-34	135	204.0	183	274.0	231	340.2	274	401.3	265	390.5
35-39	89	146.1	95	155.6	169	279.2	177	293.3	189	312.8
40+	233	55.8	252	61.2	331	80.7	421	103.1	411	100.9
Overall	924	98.6	1,016	109.3	1,304	141.2	1,566	170.9	1,567	172.2

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 7: Syphilis — Rate and Count of Reported Cases Nashville/Davidson County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	393	117.8	414	119.2	439	129.4	429	125.6	503	146.2
Female	89	24.8	74	20.1	116	32.1	137	37.5	142	38.6
<i>WRA</i>										
WRA	69	41.3	58	33.6	99	58.6	112	64.8	111	63.4
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	217	116.4	238	128.0	269	148.6	304	168.0	300	165.9
Non-Hispanic, White	191	48.9	190	48.9	195	51.2	173	44.9	187	48.1
Hispanic	58	80.5	53	54.3	79	82.6	76	78.5	120	122.5
All Other Races	16	36.6	7	15.8	12	27.6	13	29.4	39	87.1
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	11	28.4	16	38.9	16	40.7	9	22.2	14	33.8
20-24	49	99.4	53	104.7	63	131.2	75	147.8	74	143.9
25-29	106	142.2	113	152.6	100	140.9	118	165.1	129	179.2
30-34	89	131.2	88	124.1	115	163.4	112	156.8	119	165.8
35-39	68	127.7	60	106.7	88	157.0	79	138.7	78	134.4
40+	159	55.3	158	53.7	173	59.3	113	38.5	232	78.5
Overall	482	69.6	488	68.2	555	79.2	566	80.0	646	90.7

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 8: Syphilis — Rate and Count of Reported Cases North East Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	33	18.9	33	18.5	31	17.4	36	19.9	45	24.5
Female	8	4.5	6	3.3	9	5.0	12	6.5	31	16.6
<i>WRA</i>										
WRA	6	9.6	4	6.2	4	6.2	10	15.3	28	42.0
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	3	32.8	7	71.4	8	82.2	1	10.2	3	30.0
Non-Hispanic, White	38	11.7	32	9.8	30	9.2	43	13.0	68	20.4
Hispanic	0	0.0	0	0.0	1	7.7	3	21.7	2	13.7
All Other Races	0	0.0	0	0.0	1	9.9	1	9.6	3	27.3
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	0	0.0	1	4.4	1	4.4	1	4.4	3	12.8
20-24	6	25.5	4	16.3	6	24.4	5	20.0	10	39.3
25-29	8	35.1	7	31.8	7	32.1	9	40.9	16	71.5
30-34	2	10.1	5	24.2	5	23.6	10	45.5	16	70.9
35-39	6	30.6	7	35.5	3	15.2	8	40.2	9	44.3
40+	19	9.8	15	7.7	18	9.2	15	7.6	22	10.9
Overall	41	11.6	39	10.9	40	11.1	48	13.2	76	20.6

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 9: Syphilis — Rate and Count of Reported Cases South Central Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	40	19.6	57	27.1	55	25.8	54	24.9	65	29.5
Female	16	7.6	24	11.3	26	12.0	39	17.7	31	13.8
<i>WRA</i>										
WRA	15	20.1	19	24.9	23	29.4	30	37.5	25	30.6
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	20	70.8	17	57.9	28	95.0	33	111.2	28	94.0
Non-Hispanic, White	30	8.5	57	16.0	44	12.2	52	14.3	55	14.9
Hispanic	0	0.0	5	19.4	7	25.7	7	24.2	13	42.5
All Other Races	1	7.9	2	15.3	2	14.6	1	6.9	0	0.0
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	0	0.0	5	19.2	3	11.3	5	18.4	4	14.3
20-24	9	39.2	12	51.1	9	37.2	13	53.4	10	40.3
25-29	13	46.7	13	47.5	16	58.4	14	50.7	13	46.6
30-34	12	46.5	14	51.7	13	45.8	14	47.1	17	55.4
35-39	5	19.5	9	34.3	9	33.7	7	25.7	15	53.8
40+	17	8.2	26	12.3	31	14.4	40	18.3	37	16.6
Overall	56	13.5	81	19.1	81	18.8	93	21.2	96	21.6

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 10: Syphilis — Rate and Count of Reported Cases South East Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	47	28.0	34	20.0	99	57.9	97	56.1	98	56.0
Female	6	3.5	7	4.1	28	16.1	38	21.6	45	25.3
<i>WRA</i>										
WRA	3	5.0	5	8.2	20	32.6	36	57.9	36	57.0
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	13	101.9	7	54.5	31	239.8	22	170.4	33	251.6
Non-Hispanic, White	35	11.6	32	10.6	86	28.3	103	33.6	100	32.4
Hispanic	3	19.6	2	12.1	9	51.5	7	38.0	5	25.7
All Other Races	2	20.1	0	0.0	1	9.5	3	27.6	5	43.7
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	1	4.6	0	0.0	2	9.2	1	4.6	5	22.7
20-24	6	28.6	2	9.6	6	28.5	15	70.0	14	63.7
25-29	4	18.5	8	38.3	15	72.3	24	115.1	16	75.8
30-34	12	62.4	3	15.1	24	116.2	23	106.9	20	90.5
35-39	7	36.1	12	61.4	19	97.3	21	107.1	23	115.9
40+	23	12.9	16	8.9	61	33.5	51	27.7	65	34.8
Overall	53	15.6	41	12.0	127	36.9	135	38.7	143	40.5

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 11: Syphilis — Rate and Count of Reported Cases Sullivan/Blountville County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	15	19.5	9	11.6	10	12.8	1	1.3	11	13.8
Female	4	4.9	0	0.0	0	0.0	18	22.0	10	12.1
<i>WRA</i>										
WRA	3	11.2	0	0.0	0	0.0	4	14.4	10	35.7
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	1	28.5	0	0.0	2	54.3	1	26.6	2	52.4
Non-Hispanic, White	18	12.2	7	4.8	8	5.4	18	12.1	17	11.4
Hispanic	0	0.0	1	28.0	0	0.0	0	0.0	0	0.0
All Other Races	0	0.0	1	23.6	0	0.0	0	0.0	2	43.5
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	1	11.5	0	0.0	0	0.0	0	0.0	1	10.9
20-24	3	34.9	2	23.5	2	23.0	6	68.6	2	23.0
25-29	4	39.9	2	20.6	1	10.2	2	20.4	4	40.8
30-34	2	22.3	0	0.0	2	20.7	4	39.4	3	29.0
35-39	1	11.6	1	11.5	0	0.0	0	0.0	4	42.5
40+	8	9.0	4	4.5	5	5.6	7	7.8	7	7.8
Overall	19	12.0	9	5.7	10	6.3	19	11.8	21	13.0

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 12: Syphilis — Rate and Count of Reported Cases Upper Cumberland Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	26	14.6	47	26.1	71	39.0	79	42.6	66	35.0
Female	14	7.7	23	12.7	29	15.8	61	32.7	66	34.8
<i>WRA</i>										
WRA	12	19.4	19	30.6	28	44.3	45	69.9	53	80.7
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	4	71.9	8	136.0	5	81.5	40	641.3	4	62.1
Non-Hispanic, White	34	10.3	56	17.1	88	26.6	123	36.7	115	33.8
Hispanic	2	11.8	4	21.8	6	31.2	6	29.4	7	32.5
All Other Races	0	0.0	2	21.9	1	10.4	1	10.0	6	57.0
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	1	4.7	0	0.0	1	4.4	4	17.5	1	4.3
20-24	1	4.4	7	30.8	9	39.0	13	55.9	12	51.1
25-29	10	44.0	11	50.1	23	104.8	18	81.0	11	48.4
30-34	9	44.8	13	63.3	18	84.0	20	89.9	28	121.5
35-39	3	15.1	13	64.9	15	74.4	22	107.1	26	124.2
40+	16	8.4	26	13.6	34	17.5	63	31.9	54	26.9
Overall	40	11.1	70	19.4	100	27.3	104	28.0	132	34.9

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 13: Syphilis — Rate and Count of Reported Cases West Tennessee Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	67	25.8	96	36.6	108	41.3	132	50.2	93	35.2
Female	34	12.7	53	19.9	84	31.5	121	45.2	97	36.0
<i>WRA</i>										
WRA	24	26.0	42	45.1	71	75.8	104	110.3	86	90.4
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	52	60.4	60	68.3	73	84.0	69	79.3	61	69.8
Non-Hispanic, White	44	10.7	80	19.5	105	25.7	172	42.0	114	27.8
Hispanic	4	23.9	1	5.9	3	16.9	2	10.7	5	25.5
All Other Races	1	7.4	8	56.8	11	74.7	10	64.9	10	62.9
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1
15-19	10	30.3	6	17.8	2	6.0	4	11.9	10	29.2
20-24	20	62.6	18	56.1	22	68.2	38	116.6	28	84.8
25-29	18	54.7	28	87.5	47	148.7	57	181.0	36	114.7
30-34	14	46.4	22	71.5	41	130.0	47	144.3	38	114.3
35-39	9	29.0	22	70.7	28	91.0	36	117.3	25	81.1
40+	30	11.0	53	19.3	52	18.9	71	25.7	52	18.7
Overall	101	19.2	149	28.2	192	36.3	253	47.7	190	35.6

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Primary and Secondary Syphilis Regional Data

Table 1: P&S Syphilis — Rate and Count of Reported Cases Chattanooga/Hamilton County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	20	11.3	27	15.2	56	31.3	77	42.3	110	59.7
Female	6	3.2	2	1.1	9	4.7	32	16.6	52	26.6
<i>WRA</i>										
WRA	3	4.1	2	2.8	6	8.2	25	33.6	42	55.5
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	7	10.0	9	13.1	27	39.9	53	78.6	77	114.3
Non-Hispanic, White	16	6.1	15	5.9	31	12.1	45	17.2	69	26.1
Hispanic	3	13.7	4	14.7	7	24.8	9	30.4	12	38.6
All Other Races	0	0.0	1	6.5	0	0.0	2	12.0	4	23.1
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	0	0.0	1	4.6	1	4.6	0	0.0	4	17.5
20-24	2	8.9	2	9.2	9	40.9	17	76.5	24	106.7
25-29	3	10.7	5	18.8	11	42.6	17	65.8	23	88.7
30-34	5	19.2	4	14.9	12	43.7	15	53.6	30	106.2
35-39	3	12.7	7	29.2	7	28.8	18	72.0	25	96.4
40+	13	7.1	10	5.5	25	13.7	42	22.6	56	29.7
Overall	26	7.1	29	7.9	65	17.6	109	29.1	162	42.6

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 2: P&S Syphilis — Rate and Count of Reported Cases East Tennessee Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	22	5.8	27	7.0	40	10.3	12	3.0	27	6.7
Female	3	0.8	1	0.3	21	5.3	39	9.7	54	13.2
<i>WRA</i>										
WRA	2	1.5	1	0.8	18	13.5	8	5.9	21	15.2
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	1	5.9	4	23.3	5	28.9	3	17.1	5	27.9
Non-Hispanic, White	21	3.0	24	3.4	46	6.5	46	6.5	70	9.7
Hispanic	3	8.4	0	0.0	9	21.1	3	6.7	4	8.4
All Other Races	0	0.0	0	0.0	1	4.5	0	0.0	2	8.4
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	1	2.2	0	0.0	2	4.3	0	0.0	1	2.1
20-24	7	16.5	3	7.1	7	16.5	6	13.9	12	27.1
25-29	4	8.2	2	4.3	12	25.7	12	25.6	17	35.8
30-34	3	7.0	11	24.7	10	21.4	6	12.4	7	13.9
35-39	2	4.7	3	7.0	11	25.3	10	22.6	10	22.1
40+	8	1.9	9	2.1	19	4.4	17	3.9	34	7.7
Overall	25	3.2	28	3.6	61	7.8	51	6.4	81	10.0

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 3: P&S Syphilis — Rate and Count of Reported Cases Jackson/Madison County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	19	40.9	12	25.3	8	4.2	9	18.9	8	16.8
Female	1	1.9	5	9.7	2	0.0	3	5.8	3	5.8
<i>WRA</i>										
WRA	1	5.1	5	25.7	1	0.0	3	15.3	3	15.2
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	14	38.2	13	34.9	8	5.4	8	21.4	9	24.1
Non-Hispanic, White	6	11.0	3	5.6	2	0.0	3	5.6	2	3.8
Hispanic	0	0.0	1	21.3	0	0.0	1	19.5	0	0.0
All Other Races	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	5.4	0	0.0	0	0.0
15-19	2	28.3	1	14.4	1	28.7	0	0.0	2	28.1
20-24	6	88.6	2	29.8	2	29.7	3	43.5	2	29.0
25-29	4	59.5	4	59.9	2	30.7	3	47.1	1	15.9
30-34	3	51.9	4	66.3	2	16.1	4	61.5	5	76.3
35-39	2	35.3	2	34.6	1	35.3	0	0.0	0	0.0
40+	3	6.3	4	8.3	2	20.8	2	4.1	1	2.1
Overall	20	20.4	17	17.2	10	0.0	12	12.1	11	11.1

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 4: P&S Syphilis — Rate and Count of Reported Cases Knoxville/Knox County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	25	10.9	31	13.2	41	17.2	40	16.5	71	28.9
Female	4	1.7	5	2.0	8	3.2	10	4.0	24	9.4
<i>WRA</i>										
WRA	3	3.0	5	4.9	8	7.8	7	6.6	20	18.7
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	10	24.5	11	26.4	17	40.7	17	40.5	36	85.6
Non-Hispanic, White	18	4.7	24	6.2	29	7.4	29	7.3	57	14.2
Hispanic	0	0.0	1	3.5	2	6.8	3	9.7	0	0.0
All Other Races	1	4.4	0	0.0	1	4.2	1	4.0	2	7.7
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	3	9.7	1	3.1	2	6.1	0	0.0	3	8.6
20-24	4	9.7	7	16.7	9	21.4	7	16.1	10	22.7
25-29	3	8.8	8	23.4	11	31.7	10	28.5	6	17.1
30-34	7	22.8	8	25.1	12	36.4	11	32.3	22	63.7
35-39	2	6.5	5	15.7	3	9.4	4	12.4	10	30.7
40+	10	4.5	7	3.1	12	5.3	18	7.8	44	18.8
Overall	29	6.2	36	7.5	49	10.1	50	10.1	95	19.0

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 5: P&S Syphilis — Rate and Count of Reported Cases Mid-Cumberland Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	76	11.6	67	9.8	83	11.9	108	15.1	80	11.0
Female	6	0.9	9	1.3	20	2.8	21	2.9	19	2.6
<i>WRA</i>										
WRA	4	1.5	6	2.1	19	6.6	18	6.1	17	5.6
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	24	16.9	32	21.3	47	30.2	53	33.1	46	28.0
Non-Hispanic, White	47	4.6	37	3.5	48	4.5	67	6.2	40	3.7
Hispanic	8	8.9	4	3.6	4	3.4	5	4.0	13	10.0
All Other Races	3	4.2	3	4.0	4	5.1	4	4.8	0	0.0
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	5	5.5	4	4.2	4	4.1	6	6.0	3	2.9
20-24	14	15.6	14	15.2	23	24.4	25	25.9	18	18.3
25-29	12	12.9	19	20.6	17	18.2	22	23.1	21	21.8
30-34	9	10.1	10	10.8	20	20.7	25	24.9	14	13.6
35-39	13	13.8	8	8.2	14	14.1	21	20.7	13	12.6
40+	29	4.8	21	3.3	25	3.9	30	4.5	20	2.9
Overall	82	6.1	76	5.5	103	7.3	129	8.9	99	6.7

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 6: P&S Syphilis — Rate and Count of Reported Cases Memphis/Shelby County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	151	34.0	186	42.0	209	47.6	248	57.0	197	45.7
Female	47	9.5	58	11.9	93	19.2	110	22.8	112	23.4
<i>WRA</i>										
WRA	43	22.0	50	25.8	84	43.4	100	51.9	107	55.8
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	173	34.3	214	43.3	268	54.5	315	64.5	276	56.9
Non-Hispanic, White	13	3.9	21	6.6	26	8.4	23	7.5	16	5.3
Hispanic	10	16.2	8	10.3	6	7.6	11	13.8	9	11.1
All Other Races	2	4.8	1	2.4	2	4.8	9	21.3	8	18.6
<i>Age groups</i>										
<15	0	0.0	3	1.5	1	0.5	1	0.5	2	1.0
15-19	18	30.0	17	28.3	31	52.0	34	56.5	34	55.7
20-24	51	82.3	60	100.3	47	80.0	61	104.8	69	119.8
25-29	40	53.5	61	85.5	72	104.2	85	126.8	80	123.9
30-34	25	37.8	33	49.4	53	78.1	61	89.3	51	75.2
35-39	15	24.6	22	36.0	35	57.8	37	61.3	26	43.0
40+	49	11.7	48	11.7	63	15.4	79	19.3	47	11.5
Overall	198	21.1	244	26.2	302	32.7	358	39.1	309	34.0

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 7: P&S Syphilis — Rate and Count of Reported Cases Nashville/Davidson County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	169	50.7	151	43.5	118	34.8	111	32.5	114	33.1
Female	18	5.0	23	6.2	21	5.8	30	8.2	22	6.0
<i>WRA</i>										
WRA	9	5.4	16	9.3	17	10.1	24	13.9	20	11.4
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	78	41.8	89	47.9	80	44.2	77	42.6	78	43.1
Non-Hispanic, White	86	22.0	89	22.9	48	12.6	46	11.9	35	9.0
Hispanic	17	23.6	14	14.3	11	11.5	13	13.4	16	16.3
All Other Races	6	13.7	2	4.5	0	0.0	5	11.3	7	15.6
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	4	10.3	9	21.9	5	12.7	3	7.4	4	9.7
20-24	20	40.6	15	29.6	15	31.2	22	43.4	13	25.3
25-29	40	53.7	37	50.0	20	28.2	25	35.0	25	34.7
30-34	33	48.7	37	52.2	23	32.7	24	33.6	19	26.5
35-39	28	52.6	20	35.6	23	41.0	22	38.6	15	25.9
40+	62	21.6	56	19.0	53	18.2	45	15.3	60	20.3
Overall	187	27.0	174	24.3	139	19.8	141	19.9	136	19.1

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 8: P&S Syphilis — Rate and Count of Reported Cases North East Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	14	8.0	12	6.7	13	7.3	18	10.0	17	9.3
Female	2	1.1	1	0.6	1	0.6	8	4.4	6	3.2
<i>WRA</i>										
WRA	2	3.2	1	1.6	0	0.0	7	10.7	5	7.5
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	0	0.0	2	20.4	3	30.8	0	0.0	0	0.0
Non-Hispanic, White	14	4.3	11	3.4	10	3.1	24	7.3	20	6.0
Hispanic	0	0.0	0	0.0	0	0.0	1	7.2	1	6.8
All Other Races	0	0.0	0	0.0	1	9.9	1	9.6	2	18.2
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	0	0.0	0	0.0	1	4.4	1	4.4	0	0.0
20-24	1	4.3	2	8.1	4	16.3	3	12.0	2	7.9
25-29	4	17.6	4	18.2	3	13.8	5	22.7	4	17.9
30-34	1	5.0	3	14.5	1	4.7	6	27.3	6	26.6
35-39	3	15.3	1	5.1	1	5.1	3	15.1	5	24.6
40+	5	2.6	3	1.5	4	2.0	8	4.0	6	3.0
Overall	14	4.0	13	3.6	14	3.9	26	7.1	23	6.2

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 9: P&S Syphilis — Rate and Count of Reported Cases South Central Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	19	9.3	26	12.4	25	11.7	32	14.7	18	8.2
Female	5	2.4	9	4.2	16	7.4	17	7.7	11	4.9
<i>WRA</i>										
WRA	5	6.7	9	11.8	15	19.2	15	18.8	9	11.0
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	10	35.4	6	20.4	14	47.5	22	74.2	7	23.5
Non-Hispanic, White	14	4.0	24	6.8	22	6.1	25	6.9	20	5.4
Hispanic	0	0.0	3	11.7	3	11.0	2	6.9	2	6.5
All Other Races	0	0.0	2	15.3	2	14.6	0	0.0	0	0.0
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	0	0.0	4	15.4	2	7.5	0	0.0	0	0.0
20-24	4	17.4	7	29.8	7	28.9	8	32.9	3	12.1
25-29	4	14.4	7	25.6	7	25.6	13	47.1	3	10.8
30-34	7	27.1	7	25.8	4	14.1	7	23.6	5	16.3
35-39	7	27.3	1	3.8	8	30.0	1	3.7	9	32.3
40+	5	2.4	9	4.2	13	6.0	20	9.1	9	4.0
Overall	24	5.8	35	8.3	41	9.5	49	11.2	29	6.5

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 10: P&S Syphilis — Rate and Count of Reported Cases South East Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	13	7.8	16	9.4	36	21.1	28	16.2	29	16.6
Female	1	0.6	4	2.3	13	7.5	21	12.0	15	8.4
<i>WRA</i>										
WRA	1	1.7	3	4.9	13	21.2	20	32.2	13	20.6
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	1	7.8	3	23.4	7	54.1	2	15.5	9	68.6
Non-Hispanic, White	11	3.7	16	5.3	41	13.5	44	14.4	35	11.3
Hispanic	2	13.1	1	6.1	1	5.7	3	16.3	0	0.0
All Other Races	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	0	0.0	0	0.0	2	9.2	1	4.6	2	9.1
20-24	3	14.3	1	4.8	2	9.5	11	51.3	6	27.3
25-29	0	0.0	4	19.1	8	38.6	9	43.2	4	19.0
30-34	5	26.0	2	10.1	11	53.2	9	41.8	10	45.3
35-39	2	10.3	6	30.7	7	35.8	8	40.8	6	30.2
40+	4	2.2	7	3.9	19	10.4	11	6.0	16	8.6
Overall	14	4.1	20	5.9	49	14.2	49	14.1	44	12.5

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 11: P&S Syphilis — Rate and Count of Reported Cases Sullivan/Blountville County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	6	7.8	2	2.6	2	2.6	8	10.1	6	7.5
Female	1	1.2	0	0.0	0	0.0	2	2.4	5	6.1
<i>WRA</i>										
WRA	1	3.7	0	0.0	0	0.0	2	7.2	5	17.8
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	1	28.5	0	0.0	0	0.0	1	26.6	9	235.7
Non-Hispanic, White	6	4.1	2	1.4	2	1.4	9	6.1	0	0.0
Hispanic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other Races	0	0.0	0	0.0	0	0.0	0	0.0	2	43.5
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	1	11.5	0	0.0	0	0.0	0	0.0	1	10.9
20-24	0	0.0	0	0.0	1	11.5	2	22.9	1	11.5
25-29	1	10.0	1	10.3	1	10.2	1	10.2	2	20.4
30-34	1	11.2	0	0.0	0	0.0	3	29.6	1	9.7
35-39	1	11.6	0	0.0	0	0.0	0	0.0	3	31.8
40+	3	3.4	1	1.1	0	0.0	4	4.5	3	3.3
Overall	7	4.4	2	1.3	2	1.3	10	6.2	11	6.8

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 12: P&S Syphilis — Rate and Count of Reported Cases Upper Cumberland Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	13	7.3	24	13.3	28	15.4	41	22.1	28	14.9
Female	6	3.3	7	3.9	15	8.2	22	11.8	23	12.1
<i>WRA</i>										
WRA	6	9.7	6	9.7	15	23.7	15	23.3	18	27.4
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	18	323.4	0	0.0	2	32.6	4	64.1	0	0.0
Non-Hispanic, White	0	0.0	27	8.2	39	11.8	59	17.6	46	13.5
Hispanic	1	5.9	3	16.4	2	10.4	0	0.0	2	9.3
All Other Races	0	0.0	0	0.0	0	0.0	0	0.0	3	28.5
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	1	4.7	0	0.0	1	4.4	2	8.7	1	4.3
20-24	1	4.4	2	8.8	3	13.0	7	30.1	3	12.8
25-29	8	35.2	4	18.2	10	45.5	6	27.0	5	22.0
30-34	2	9.9	7	34.1	8	37.3	11	49.4	14	60.8
35-39	0	0.0	9	44.9	8	39.7	11	53.6	15	71.6
40+	7	3.7	9	4.7	13	6.7	26	13.2	13	6.5
Overall	19	5.3	31	8.6	43	11.8	63	16.9	51	13.5

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 13: P&S Syphilis — Rate and Count of Reported Cases West Tennessee Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	32	12.3	35	13.3	38	14.4	51	19.4	28	10.6
Female	11	4.1	18	6.8	34	12.7	37	13.8	15	5.6
<i>WRA</i>										
WRA	7	7.6	16	17.2	30	31.8	32	33.9	14	14.7
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	19	22.1	17	19.4	18	20.7	15	17.2	13	14.9
Non-Hispanic, White	21	5.1	34	8.3	52	12.7	72	17.6	25	6.1
Hispanic	2	12.0	0	0.0	0	0.0	0	0.0	1	5.1
All Other Races	1	7.4	2	14.2	2	13.0	1	6.5	4	25.2
<i>Age groups</i>										
<15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	3	9.1	3	8.9	0	0.0	3	8.9	3	8.8
20-24	12	37.6	5	15.6	7	21.5	15	46.0	9	27.3
25-29	6	18.2	9	28.1	17	54.0	21	66.7	7	22.3
30-34	7	23.2	10	32.5	14	43.0	19	58.3	10	30.1
35-39	2	6.5	9	28.9	16	52.1	7	22.8	7	22.7
40+	13	4.8	17	6.2	18	6.5	23	8.3	7	2.5
Overall	43	8.2	53	10.0	72	13.6	88	16.6	43	8.1

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Appendix D: Chlamydia Regional Data

Table 1: Chlamydia — Rate and Count of Reported Cases Chattanooga/Hamilton County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	825	464.6	720	404.4	771	431.0	762	419.0	754	408.9
Female	1,667	876.5	1,505	795.4	1,448	761.6	1,453	753.9	1,491	762.7
<i>WRA</i>										
WRA	1,664	2289.4	1,748	2408.6	1,421	1943.8	1,424	1916.5	1,450	1914.9
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	1,457	2087.8	1,363	1990.7	1,179	1740.6	188	279.0	1,149	1705.0
Non-Hispanic, White	830	318.1	636	248.2	733	285.1	1,229	471.1	672	254.5
Hispanic	180	821.2	173	635.9	199	706.3	658	2219.3	143	460.6
All Other Races	36	238.1	54	352.0	108	673.7	142	852.3	285	1644.6
<i>Age groups</i>										
<15	17	26.7	91	140.1	11	16.9	10	15.4	12	18.2
15-19	715	3311.7	618	2852.0	544	2510.8	581	2618.5	545	2384.7
20-24	894	3977.0	787	3601.3	766	3483.4	735	3308.9	779	3463.8
25-29	490	1749.5	443	1668.4	447	1732.2	407	1575.2	431	1662.4
30-34	223	855.3	204	759.9	226	823.0	234	836.3	219	775.5
35-39	75	316.5	91	379.3	115	472.4	119	475.7	124	478.2
40+	89	48.9	69	38.0	110	60.2	131	70.6	139	73.8
Overall	2,503	680.6	2,226	606.1	2,219	601.3	2,217	591.8	2,249	592.1

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 2: Chlamydia — Rate and Count of Reported Cases East Tennessee Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	768	200.9	696	180.0	676	173.4	667	168.9	676	168.4
Female	1,723	436.6	1,687	429.0	1,603	403.8	1,478	367.5	1,357	332.1
<i>WRA</i>										
WRA	1,689	1286.9	1,655	1259.8	1,568	1177.6	1,447	1068.6	1,329	960.3
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	225	1333.3	174	1015.5	182	1050.3	197	1125.8	157	874.5
Non-Hispanic, White	2,019	287.0	1,937	276.7	1,791	254.2	1,581	222.1	1,464	203.2
Hispanic	197	552.9	207	503.3	255	597.4	274	611.0	307	644.6
All Other Races	50	238.3	65	302.9	51	229.8	93	404.9	106	443.0
<i>Age groups</i>										
<15	15	11.6	16	12.2	14	10.7	14	10.6	9	6.8
15-19	666	1476.6	678	1477.5	614	1331.0	538	1154.6	495	1040.7
20-24	903	2123.0	873	2077.6	893	2099.5	851	1970.0	726	1637.8
25-29	488	1003.4	425	904.4	395	844.7	342	728.4	376	790.8
30-34	193	449.9	219	492.1	162	347.4	200	412.2	207	410.3
35-39	123	287.3	90	209.0	96	221.1	86	194.3	109	240.7
40+	103	24.2	82	19.2	105	24.4	114	26.2	112	25.4
Overall	2,491	320.6	2,383	305.6	2,279	289.7	2,145	269.1	2,034	251.1

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 3: Chlamydia — Rate and Count of Reported Cases Jackson/Madison County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	342	736.6	300	631.7	310	656.9	246	516.5	291	611.1
Female	590	1143.0	578	1125.8	528	1027.9	508	985.5	629	1219.5
<i>WRA</i>										
WRA	581	2964.4	563	2889.0	516	2633.5	495	2516.7	612	3103.8
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	689	1879.0	628	1686.3	617	1665.3	486	1297.6	697	1862.9
Non-Hispanic, White	168	308.5	134	248.6	140	261.4	121	226.4	139	261.6
Hispanic	18	447.4	23	490.6	23	472.7	25	487.4	25	465.8
All Other Races	39	1344.8	93	3092.8	58	1880.7	122	3879.2	60	1827.6
<i>Age groups</i>										
<15	9	49.6	13	70.4	10	54.4	11	60.2	15	82.4
15-19	328	4648.5	261	3759.2	238	3415.6	211	2981.1	269	3773.8
20-24	322	4755.6	320	4775.4	321	4768.3	269	3899.7	294	4258.4
25-29	136	2023.8	173	2588.7	148	2271.3	149	2340.2	158	2510.7
30-34	81	1400.9	63	1043.7	66	1061.8	56	860.3	101	1540.6
35-39	24	424.1	23	398.1	29	511.5	31	549.4	47	831.1
40+	14	29.2	25	51.8	26	54.1	27	55.8	37	76.4
Overall	914	932.2	878	888.4	838	850.3	754	760.3	921	928.5

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 4: Chlamydia — Rate and Count of Reported Cases Knoxville/Knox County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	1,168	511.1	882	374.9	951	399.9	952	392.7	892	363.5
Female	1,746	722.7	1,457	594.1	1,693	682.2	1,600	632.5	1,472	576.6
<i>WRA</i>										
WRA	1,697	1722.9	1,418	1401.3	1,655	1609.9	1,562	1477.1	1,431	1337.8
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	1,049	2572.8	821	1972.7	896	2144.4	856	2037.9	728	1730.6
Non-Hispanic, White	1,429	370.8	1,226	316.8	1,446	370.2	1,269	319.3	1,092	272.5
Hispanic	143	666.6	124	432.8	181	612.7	214	690.9	148	463.7
All Other Races	293	1301.3	169	725.6	121	503.8	213	853.0	402	1546.9
<i>Age groups</i>										
<15	34	41.8	19	22.6	14	16.6	16	18.8	17	19.9
15-19	762	2462.6	607	1861.8	668	2039.3	622	1804.6	544	1564.6
20-24	1,081	2625.8	853	2039.5	968	2300.1	921	2121.9	913	2073.6
25-29	501	1464.0	403	1181.2	440	1269.9	460	1312.7	394	1120.5
30-34	263	855.7	256	803.7	300	911.0	248	727.8	218	631.0
35-39	119	384.9	97	304.3	107	334.9	122	379.3	115	352.7
40+	154	69.7	105	46.8	147	64.7	163	70.6	169	72.2
Overall	2,914	619.8	2,340	487.0	2,644	544.1	2,552	515.2	2,370	473.4

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 5: Chlamydia — Rate and Count of Reported Cases Mid-Cumberland Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	2,549	387.6	2,395	349.6	2,510	358.9	2,421	338.1	2,287	313.3
Female	4,521	667.9	4,129	593.0	4,125	579.6	4,051	555.9	3,777	508.4
<i>WRA</i>										
WRA	4,453	1640.6	4,074	1451.5	4,049	1406.5	3,960	1340.0	3,685	1221.3
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	2,580	1819.8	2,404	1600.8	2,321	1492.1	2,377	1485.2	2,204	1341.1
Non-Hispanic, White	3,724	360.9	3,406	325.8	3,410	321.8	3,240	300.6	2,713	248.8
Hispanic	541	603.3	511	462.8	675	578.6	650	525.5	567	434.2
All Other Races	225	315.4	203	269.1	229	289.5	205	245.8	586	669.6
<i>Age groups</i>										
<15	35	12.8	22	7.8	40	14.0	29	10.0	25	8.6
15-19	1,919	2126.7	1,678	1763.1	1,468	1521.8	1,500	1511.9	1,407	1377.8
20-24	2,954	3286.3	2,734	2965.0	2,816	2986.6	2,577	2673.5	2,338	2381.5
25-29	1,265	1364.2	1,169	1267.0	1,297	1389.4	1,206	1268.8	1,122	1167.0
30-34	462	519.7	459	493.7	516	533.9	603	599.6	573	556.5
35-39	201	214.0	238	244.0	234	235.0	261	257.3	279	270.7
40+	235	38.7	224	35.7	264	41.0	296	44.7	326	48.0
Overall	7,070	529.7	6,524	472.3	6,635	470.2	6,472	447.9	6,070	412.1

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 6: Chlamydia — Rate and Count of Reported Cases Memphis/Shelby County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	3,123	702.5	2,847	642.6	3,090	703.9	3,199	735.7	3,115	722.8
Female	7,056	1432.6	6,419	1318.9	6,522	1346.4	6,886	1430.1	7,019	1465.1
<i>WRA</i>										
WRA	6,875	3511.5	6,242	3216.9	6,335	3274.4	6,674	3463.1	6,822	3560.6
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	8,626	1712.5	7,977	1612.6	8,353	1697.9	8,072	1651.6	7,456	1536.2
Non-Hispanic, White	795	240.6	692	218.8	676	217.3	607	198.5	564	187.5
Hispanic	395	641.3	374	481.7	409	521.2	418	525.2	244	301.4
All Other Races	365	882.0	223	542.1	174	416.0	992	2344.8	1,883	4379.4
<i>Age groups</i>										
<15	102	52.1	98	49.2	103	52.2	105	54.1	95	49.7
15-19	3,116	5187.9	2,620	4363.6	2,536	4256.5	2,647	4399.6	2,772	4543.2
20-24	3,613	5827.8	3,393	5671.2	3,514	5981.0	3,639	6252.9	3,500	6075.9
25-29	1,859	2485.5	1,765	2473.1	1,870	2706.0	1,876	2799.0	1,877	2907.4
30-34	779	1176.9	749	1121.5	828	1219.6	971	1422.2	996	1467.8
35-39	368	604.2	338	553.6	371	612.9	396	656.2	445	736.4
40+	344	82.4	357	86.7	390	95.1	455	111.4	462	113.4
Overall	10,181	1086.5	9,266	996.6	9,612	1041.0	10,089	1101.0	10,147	1115.0

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 7: Chlamydia — Rate and Count of Reported Cases Nashville/Davidson County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	2,265	679.0	2,137	615.2	2,605	767.8	2,706	797.6	2,599	755.3
Female	3,620	1007.2	3,404	923.3	3,477	961.6	3,514	971.8	3,579	972.0
<i>WRA</i>										
WRA	3,540	2118.6	3,332	1931.6	3,398	2012.4	3,424	2027.8	3,474	1985.6
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	3,173	1701.8	3,058	1644.9	3,054	1687.3	3,048	1684.0	3,049	1686.3
Non-Hispanic, White	1,779	455.3	1,660	427.6	1,859	488.3	1,948	511.7	1,421	365.5
Hispanic	750	1040.9	687	703.5	975	1019.5	1,028	1074.9	873	891.4
All Other Races	184	420.4	136	307.0	194	445.9	196	450.5	842	1881.2
<i>Age groups</i>										
<15	30	24.6	33	25.6	30	24.1	41	33.3	43	35.2
15-19	1,285	3314.0	1,259	3063.9	1,115	2834.6	1,137	2890.6	1,289	3111.1
20-24	2,049	4157.5	1,847	3648.4	2,096	4366.4	2,072	4316.4	1,937	3766.7
25-29	1,328	1781.6	1,313	1772.8	1,143	1610.3	1,473	2075.3	1,360	1889.1
30-34	602	887.7	554	781.4	684	971.8	742	1054.2	733	1021.3
35-39	286	537.2	245	435.7	316	563.7	374	667.2	401	691.2
40+	306	106.5	290	98.6	398	136.4	381	130.5	422	142.8
Overall	5,886	849.4	5,541	773.8	6,082	867.8	6,220	887.5	6,185	868.3

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 8: Chlamydia — Rate and Count of Reported Cases North East Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	407	233.0	378	212.0	357	200.0	318	176.0	301	164.2
Female	759	422.4	832	460.0	821	452.8	751	408.9	652	349.8
<i>WRA</i>										
WRA	750	1197.2	819	1275.9	807	1254.2	731	1117.2	634	950.8
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	152	1661.6	139	1417.8	113	1160.5	112	1139.6	102	1021.2
Non-Hispanic, White	941	289.3	991	303.0	948	289.9	852	258.0	771	230.8
Hispanic	35	332.9	52	416.7	73	564.4	60	434.7	50	341.4
All Other Races	38	401.4	28	284.5	44	435.7	45	430.4	31	281.8
<i>Age groups</i>										
<15	4	7.4	8	14.6	6	11.0	9	16.5	3	5.5
15-19	328	1563.3	336	1476.9	363	1610.6	275	1200.7	221	944.2
20-24	471	2002.0	476	1936.9	465	1893.1	419	1677.0	336	1320.2
25-29	187	821.6	189	857.7	181	830.0	179	813.5	169	754.9
30-34	85	428.1	103	498.5	84	396.5	85	387.2	89	394.2
35-39	46	234.9	55	278.6	39	198.0	51	256.4	46	226.5
40+	45	23.3	43	22.1	40	20.5	51	25.7	60	29.8
Overall	1,166	329.1	1,210	336.9	1,178	327.4	1,069	293.4	954	258.0

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 9: Chlamydia — Rate and Count of Reported Cases South Central Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	625	305.6	511	242.8	517	242.2	495	227.9	515	233.4
Female	1,302	620.4	1,106	519.5	1,124	518.7	1,038	470.7	1,046	466.3
<i>WRA</i>										
WRA	1,271	1706.7	1,075	1410.8	1,094	1398.6	1,013	1266.7	1,020	1247.8
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	483	1710.1	395	1345.0	374	1269.4	367	1237.2	362	1214.8
Non-Hispanic, White	1,305	371.7	1,087	306.1	1,131	314.4	989	271.2	1,007	272.7
Hispanic	128	572.8	112	435.5	108	396.2	144	497.6	145	473.9
All Other Races	11	87.0	23	175.7	28	204.4	33	228.2	47	306.1
<i>Age groups</i>										
<15	17	21.5	20	24.7	18	22.0	15	18.1	13	15.6
15-19	570	2279.8	424	1629.1	478	1799.4	388	1427.9	427	1528.5
20-24	673	2929.0	626	2665.8	549	2269.1	551	2263.4	534	2151.3
25-29	362	1299.4	276	1007.8	291	1062.6	281	1017.5	270	968.7
30-34	170	658.4	146	539.0	153	539.4	129	434.4	152	495.4
35-39	69	269.1	65	247.8	76	284.8	88	322.7	81	290.6
40+	66	31.7	60	28.3	76	35.3	81	37.0	84	37.7
Overall	1,927	465.0	1,617	382.0	1,641	381.5	1,533	350.2	1,561	350.8

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 10: Chlamydia — Rate and Count of Reported Cases South East Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	538	320.9	448	263.7	465	271.9	399	230.6	357	203.9
Female	876	511.0	769	448.0	816	470.1	667	379.8	653	366.9
<i>WRA</i>										
WRA	855	1413.5	756	1247.2	806	1313.4	658	1059.0	637	1009.3
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	258	2023.1	194	1511.0	215	1662.8	172	1332.0	160	1219.8
Non-Hispanic, White	1,043	346.4	904	299.4	960	316.2	766	250.0	704	227.8
Hispanic	81	529.6	80	484.0	74	423.7	87	471.8	83	426.1
All Other Races	32	321.4	39	382.4	32	303.3	41	376.6	63	551.0
<i>Age groups</i>										
<15	11	19.1	5	8.6	1	1.7	4	6.8	4	6.8
15-19	357	1641.8	297	1365.1	340	1557.6	208	948.0	220	999.1
20-24	508	2422.0	451	2161.6	446	2118.4	404	1885.0	372	1693.5
25-29	275	1274.9	227	1086.0	241	1162.2	204	978.1	175	829.3
30-34	125	649.8	112	563.2	126	609.9	120	557.8	111	502.3
35-39	73	376.7	60	307.1	57	291.8	67	341.6	62	312.3
40+	65	36.4	65	36.1	70	38.5	59	32.0	66	35.3
Overall	1,414	417.0	1,217	356.3	1,281	371.8	1,066	305.8	1,010	286.0

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 11: Chlamydia — Rate and Count of Reported Cases Sullivan/Blountville County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	180	233.6	138	177.7	142	182.0	95	120.4	142	178.6
Female	325	399.2	303	376.0	341	420.0	270	329.4	241	291.7
<i>WRA</i>										
WRA	318	1186.6	295	1103.4	327	1198.5	260	936.6	236	841.4
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	55	1567.0	43	1195.1	34	923.7	26	691.5	29	759.4
Non-Hispanic, White	420	284.6	260	177.1	426	289.2	315	212.2	320	214.5
Hispanic	19	580.7	2	56.0	11	283.3	17	404.0	22	487.6
All Other Races	11	269.1	8	188.7	12	277.3	8	178.5	12	260.8
<i>Age groups</i>										
<15	5	20.2	7	28.1	2	8.1	2	8.1	0	0.0
15-19	155	1787.4	129	1476.1	121	1364.3	113	1254.3	82	893.6
20-24	200	2323.7	175	2054.7	185	2128.9	130	1486.7	134	1542.7
25-29	63	628.9	73	751.3	70	715.5	52	531.0	78	796.2
30-34	37	412.7	20	215.5	50	517.7	25	246.5	43	415.6
35-39	22	255.6	23	264.0	20	226.2	17	186.0	23	244.2
40+	23	25.9	14	15.8	35	39.5	27	30.3	23	25.6
Overall	505	318.7	441	278.7	483	303.4	366	227.5	383	236.2

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 12: Chlamydia — Rate and Count of Reported Cases Upper Cumberland Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	367	206.1	333	185.1	358	196.7	275	148.5	220	116.7
Female	834	457.4	739	407.1	718	390.4	603	322.9	531	279.8
<i>WRA</i>										
WRA	812	1312.0	725	1167.9	701	1108.7	597	927.8	515	783.8
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	67	1203.7	59	1003.2	40	652.0	53	849.8	41	636.5
Non-Hispanic, White	1,065	323.7	915	278.9	933	281.9	733	218.6	593	174.5
Hispanic	67	394.7	52	283.8	74	385.3	68	333.0	69	320.0
All Other Races	2	22.7	46	503.6	29	302.8	24	240.1	48	456.4
<i>Age groups</i>										
<15	10	16.1	4	6.4	8	12.7	2	3.1	3	4.7
15-19	313	1463.0	278	1250.7	240	1063.0	190	831.0	165	709.8
20-24	450	1970.4	375	1652.6	410	1775.7	352	1512.5	259	1103.5
25-29	224	986.3	217	988.9	211	961.0	163	733.9	148	651.0
30-34	96	477.6	110	535.7	114	532.1	83	373.0	82	356.0
35-39	64	321.3	50	249.6	49	243.0	47	228.9	46	219.7
40+	44	23.0	38	19.8	44	22.7	41	20.8	48	23.9
Overall	1,201	333.3	1,072	296.6	1,076	294.1	878	236.0	751	198.5

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 13: Chlamydia — Rate and Count of Reported Cases West Tennessee Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	1,081	416.9	1,031	393.2	986	377.0	959	364.7	389	147.2
Female	2,068	775.2	1,889	708.7	1,840	689.6	1,987	742.3	364	135.3
<i>WRA</i>										
WRA	2,033	2202.8	1,848	1982.7	1,794	1915.0	1,938	2055.0	1,768	1857.4
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	1,561	1811.7	1,366	1555.7	1,323	1523.1	1,293	1486.8	1,207	1381.0
Non-Hispanic, White	1,493	364.5	1,304	318.1	1,283	313.7	1,308	319.3	1,133	276.1
Hispanic	52	310.8	55	325.4	40	224.9	82	438.2	79	403.6
All Other Races	43	317.2	195	1385.5	180	1222.5	263	1708.0	252	1584.9
<i>Age groups</i>										
<15	19	20.3	20	21.3	31	33.2	24	25.7	35	37.6
15-19	998	3025.9	929	2748.4	854	2541.7	866	2565.7	783	2288.7
20-24	1,140	3567.9	1,016	3165.3	4,096	12693.7	1,137	3487.7	987	2990.6
25-29	507	1540.1	517	1615.7	414	1310.0	486	1543.1	446	1421.2
30-34	266	882.2	251	816.1	213	675.5	236	724.5	226	679.7
35-39	121	390.4	91	292.6	120	390.0	92	299.8	113	366.6
40+	98	35.8	96	34.9	98	35.6	105	38.0	81	29.2
Overall	3,149	598.6	2,920	552.2	2,826	534.8	2,946	555.1	2,671	500.8

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Appendix E: Gonorrhea Regional Data

Table 1: Gonorrhea — Rate and Count of Reported Cases Chattanooga/Hamilton County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	552	310.8	584	328.0	626	350.0	587	322.8	400	216.9
Female	531	279.2	522	275.9	532	279.8	503	261.0	340	173.9
<i>WRA</i>										
WRA	513	705.8	510	702.7	515	704.5	485	652.7	321	423.9
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	758	1086.1	790	1153.8	769	1135.3	734	1089.1	463	687.0
Non-Hispanic, White	295	113.0	259	101.1	321	124.9	293	112.3	209	79.1
Hispanic	21	95.8	32	117.6	37	131.3	24	80.9	19	61.2
All Other Races	9	59.5	25	163.0	31	193.4	40	240.1	51	294.3
<i>Age groups</i>										
<15	2	3.1	1	1.5	2	3.1	3	4.6	2	3.0
15-19	187	866.1	183	844.5	170	784.6	170	766.2	118	516.3
20-24	276	1227.8	314	1436.9	307	1396.1	273	1229.0	171	760.3
25-29	269	960.4	215	809.7	249	964.9	236	913.4	178	686.6
30-34	159	609.8	162	603.4	179	651.8	178	636.2	125	442.7
35-39	86	362.9	81	337.6	100	410.8	94	375.8	63	243.0
40+	104	57.1	114	62.9	151	82.6	137	73.8	85	45.1
Overall	1,083	294.5	1,106	301.2	1,158	313.8	1,091	291.2	742	195.3

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 2: Gonorrhea — Rate and Count of Reported Cases East Tennessee Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	377	98.6	391	101.1	382	98.0	341	86.4	230	57.3
Female	390	98.8	416	105.8	389	98.0	288	71.6	217	53.1
<i>WRA</i>										
WRA	364	277.3	398	303.0	371	278.6	278	205.3	205	148.1
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	103	610.3	100	583.6	83	479.0	92	525.7	86	479.0
Non-Hispanic, White	626	89.0	673	96.1	631	89.6	492	69.1	308	42.8
Hispanic	24	67.4	21	51.1	33	77.3	27	60.2	38	79.8
All Other Races	50	238.3	13	60.6	24	108.1	18	78.4	15	62.7
<i>Age groups</i>										
<15	1	0.8	0	0.0	3	2.3	0	0.0	3	2.3
15-19	107	237.2	96	209.2	107	232.0	68	145.9	57	119.8
20-24	181	425.5	221	526.0	194	456.1	159	368.1	121	273.0
25-29	176	361.9	160	340.5	162	346.4	129	274.7	95	199.8
30-34	96	223.8	125	280.9	114	244.5	108	222.6	60	118.9
35-39	83	193.8	93	216.0	64	147.4	75	169.4	56	123.7
40+	123	28.9	112	26.3	127	29.5	90	20.7	55	12.5
Overall	767	98.7	807	103.5	771	98.0	629	78.9	447	55.2

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 3: Gonorrhea — Rate and Count of Reported Cases Jackson/Madison County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	196	422.2	281	591.7	248	525.6	159	333.9	138	289.8
Female	183	354.5	221	430.5	219	426.3	177	343.4	132	255.9
<i>WRA</i>										
WRA	175	892.9	215	1103.2	214	1092.2	171	869.4	129	654.2
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	293	799.1	395	1060.6	364	982.4	259	691.5	217	580.0
Non-Hispanic, White	66	121.2	64	118.7	78	145.6	29	54.3	27	50.8
Hispanic	8	198.9	1	21.3	6	123.3	9	175.5	10	186.3
All Other Races	12	413.8	42	1396.7	19	616.1	39	1240.1	17	517.8
<i>Age groups</i>										
<15	4	22.0	6	32.5	2	10.9	1	5.5	1	5.5
15-19	72	1020.4	114	1641.9	99	1420.8	64	904.2	60	841.8
20-24	117	1728.0	150	2238.5	147	2183.6	111	1609.2	91	1318.1
25-29	96	1428.6	110	1646.0	94	1442.6	58	910.9	53	842.2
30-34	46	795.6	58	960.9	53	852.6	48	737.4	32	488.1
35-39	16	282.7	28	484.7	37	652.6	22	389.9	14	247.6
40+	28	58.4	36	74.7	35	72.8	32	66.1	20	41.3
Overall	379	386.6	502	507.9	467	473.8	336	338.8	271	273.2

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 4: Gonorrhea — Rate and Count of Reported Cases Knoxville/Knox County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	709	310.2	615	261.4	725	304.9	597	246.3	535	218.0
Female	658	272.3	526	214.5	602	242.6	515	203.6	412	161.4
<i>WRA</i>										
WRA	635	644.7	500	494.1	569	553.5	483	456.8	391	365.5
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	682	1672.7	547	1314.3	604	1445.5	557	1326.1	409	972.3
Non-Hispanic, White	563	146.1	513	132.6	632	161.8	454	114.2	400	99.8
Hispanic	40	186.5	30	104.7	43	145.6	39	125.9	29	90.9
All Other Races	82	364.2	51	219.0	48	199.9	62	248.3	120	461.8
<i>Age groups</i>										
<15	4	4.9	0	0.0	4	4.7	2	2.3	2	2.3
15-19	199	643.1	134	411.0	173	528.1	131	380.1	106	304.9
20-24	389	944.9	278	664.7	286	679.6	302	695.8	274	622.3
25-29	266	777.3	225	659.5	278	802.3	204	582.1	180	511.9
30-34	190	618.2	195	612.2	237	719.7	188	551.7	137	396.5
35-39	133	430.1	131	411.0	125	391.2	105	326.5	92	282.2
40+	186	84.2	178	79.4	224	98.6	180	77.9	167	71.3
Overall	1,367	290.8	1,141	237.5	1,327	273.1	1,112	224.5	958	191.3

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 5: Gonorrhea — Rate and Count of Reported Cases Mid-Cumberland Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	1,166	177.3	1,405	205.1	1,389	198.6	1,308	182.6	1,115	152.7
Female	906	133.8	1,111	159.6	1,110	156.0	874	119.9	726	97.7
<i>WRA</i>										
WRA	884	325.7	1,082	385.5	1,075	373.4	839	283.9	703	233.0
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	1,102	777.3	1,359	904.9	1,256	807.4	1,105	690.4	943	573.8
Non-Hispanic, White	838	81.2	983	94.0	1,025	96.7	866	80.4	697	63.9
Hispanic	88	98.1	127	115.0	162	138.9	141	114.0	126	96.5
All Other Races	44	61.7	47	62.3	56	70.8	70	83.9	76	86.8
<i>Age groups</i>										
<15	6	2.2	4	1.4	10	3.5	7	2.4	5	1.7
15-19	333	369.0	388	407.7	399	413.6	332	334.6	289	283.0
20-24	698	776.5	876	950.0	850	901.5	744	771.9	575	585.7
25-29	483	520.9	544	589.6	537	575.3	462	486.0	366	380.7
30-34	242	272.2	302	324.9	307	317.7	262	260.5	267	259.3
35-39	129	137.4	184	188.6	168	168.7	166	163.6	144	139.7
40+	181	29.8	218	34.7	228	35.4	209	31.6	196	28.8
Overall	2,072	155.2	2,516	182.1	2,499	177.1	2,182	151.0	1,842	125.1

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 6: Gonorrhea — Rate and Count of Reported Cases Memphis/Shelby County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	2,135	480.3	2,474	558.4	2,460	555.2	2,438	560.7	2,136	495.6
Female	2,076	421.5	2,184	448.7	2,347	482.2	2,132	442.8	2,112	440.9
<i>WRA</i>										
WRA	2,003	1023.1	2,095	1079.7	2,277	1173.5	2,048	1062.7	2,040	1064.7
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	3,796	753.6	4,309	871.1	4,630	936.0	3,978	813.9	3,548	731.0
Non-Hispanic, White	248	75.1	215	68.0	221	69.9	217	71.0	170	56.5
Hispanic	54	87.7	57	73.4	64	82.4	68	85.4	44	54.4
All Other Races	113	273.1	77	187.2	72	175.0	311	735.1	493	1146.6
<i>Age groups</i>										
<15	39	19.9	53	26.6	39	19.6	37	19.1	37	19.4
15-19	1,060	1764.8	1,081	1800.4	1,146	1908.7	1,049	1743.6	1,067	1748.8
20-24	1,369	2208.2	1,421	2375.1	1,456	2433.6	1,430	2457.2	1,331	2310.6
25-29	815	1089.6	951	1332.5	1,045	1464.2	889	1326.4	809	1253.1
30-34	390	589.2	513	768.1	588	880.4	543	795.3	453	667.6
35-39	227	372.7	228	373.4	259	424.2	250	414.3	216	357.5
40+	311	74.5	411	99.8	364	88.4	376	92.1	342	83.9
Overall	4,211	449.4	4,658	501.0	4,987	536.4	4,574	499.2	4,255	467.6

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 7: Gonorrhea — Rate and Count of Reported Cases Nashville/Davidson County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate								
<i>Sex Assigned at Birth</i>										
Male	1,447	433.8	1,790	515.3	1,087	320.4	2,114	302.3	2,034	591.1
Female	897	249.6	2,137	579.6	1,075	297.3	994	139.7	909	246.9
<i>WRA</i>										
WRA	864	517.1	112	64.9	1,036	613.6	962	334.2	862	492.7
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	1,534	822.7	2,050	1102.7	1,944	1074.1	1,834	1179.0	1,627	899.8
Non-Hispanic, White	587	150.2	696	179.3	816	214.3	896	84.5	836	215.0
Hispanic	120	166.6	153	156.7	239	249.9	307	263.2	236	241.0
All Other Races	103	235.4	58	130.9	63	144.8	71	89.7	251	560.8
<i>Age groups</i>										
<15	9	7.4	14	10.9	8	6.4	5	4.1	13	10.6
15-19	334	861.4	802	1951.8	372	945.7	371	384.6	372	897.9
20-24	652	1322.9	734	1449.9	854	1779.1	736	780.6	687	1336.0
25-29	550	737.9	424	572.5	715	1007.3	801	858.1	665	923.7
30-34	320	471.9	426	600.9	476	676.3	552	571.2	508	707.8
35-39	191	358.8	236	419.7	256	456.7	282	283.2	289	498.1
40+	288	100.2	321	109.1	381	130.5	361	56.0	416	140.8
Overall	2,344	338.2	2,957	413.0	3,062	436.9	3,108	220.2	2,950	414.1

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 8: Gonorrhea — Rate and Count of Reported Cases North East Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	239	136.8	310	173.9	279	156.3	200	110.7	189	103.1
Female	223	124.1	311	172.0	270	148.9	166	90.4	163	87.4
<i>WRA</i>										
WRA	220	351.2	303	472.0	262	407.2	155	236.9	157	235.5
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	64	699.6	89	907.8	78	801.1	45	457.9	47	470.6
Non-Hispanic, White	379	116.5	505	154.4	440	134.6	296	89.6	284	85.0
Hispanic	11	104.6	15	120.2	20	154.6	10	72.5	9	61.5
All Other Races	8	84.5	12	121.9	11	108.9	15	143.5	12	109.1
<i>Age groups</i>										
<15	1	1.8	1	1.8	1	1.8	2	3.7	0	0.0
15-19	63	300.3	84	369.2	79	350.5	43	187.7	221	944.2
20-24	151	641.8	178	724.3	138	561.8	94	376.2	366	1438.1
25-29	97	426.2	116	526.4	133	609.9	76	345.4	169	754.9
30-34	66	332.4	96	464.6	87	410.7	53	241.4	89	394.2
35-39	37	188.9	68	344.4	57	289.4	39	196.1	46	226.5
40+	47	24.3	78	40.1	54	27.6	59	29.8	60	29.8
Overall	462	130.4	621	172.9	549	152.6	366	100.5	352	95.2

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 9: Gonorrhea — Rate and Count of Reported Cases South Central Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	359	175.5	437	207.7	455	213.1	366	168.5	214	97.0
Female	358	170.6	487	228.7	413	190.6	343	155.5	202	90.0
<i>WRA</i>										
WRA	374	502.2	466	611.6	403	515.2	315	393.9	193	236.1
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	280	991.4	289	984.1	256	868.9	218	734.9	140	469.8
Non-Hispanic, White	437	124.5	602	169.5	568	157.9	455	124.8	250	67.7
Hispanic	22	98.5	24	93.3	36	132.1	28	96.8	16	52.3
All Other Races	5	39.5	9	68.8	8	58.4	8	55.3	10	65.1
<i>Age groups</i>										
<15	1	1.3	4	4.9	1	1.2	4	4.8	2	2.4
15-19	89	356.0	142	545.6	117	440.4	88	323.9	54	193.3
20-24	201	874.8	249	1060.3	214	884.5	171	702.4	106	427.0
25-29	182	653.3	225	821.6	193	704.8	137	496.1	80	287.0
30-34	124	480.3	129	476.2	143	504.1	108	363.7	73	237.9
35-39	68	265.2	79	301.2	108	404.8	80	293.4	41	147.1
40+	79	38.0	96	45.3	92	42.8	121	55.3	60	27.0
Overall	744	179.5	924	218.3	868	201.8	709	162.0	416	93.5

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 10: Gonorrhea — Rate and Count of Reported Cases South East Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	296	176.6	297	174.8	295	172.5	238	137.5	148	84.5
Female	268	156.3	273	159.0	257	148.0	218	124.1	124	69.7
<i>WRA</i>										
WRA	256	423.2	264	435.5	244	397.6	205	329.9	137	217.1
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	122	956.6	112	872.3	155	1198.8	90	697.0	50	381.2
Non-Hispanic, White	424	140.8	429	142.1	408	134.4	339	110.6	218	70.5
Hispanic	14	91.5	18	108.9	17	97.3	18	97.6	15	77.0
All Other Races	4	40.2	11	107.8	12	113.7	9	82.7	7	61.2
<i>Age groups</i>										
<15	1	1.7	2	3.4	0	0.0	2	3.4	1	1.7
15-19	71	326.5	72	330.9	64	293.2	44	200.5	220	999.1
20-24	151	719.9	135	647.0	133	631.7	104	485.3	372	1693.5
25-29	139	644.4	137	655.4	124	598.0	95	455.5	175	829.3
30-34	94	488.6	92	462.6	80	387.2	63	292.8	111	502.3
35-39	49	252.8	62	317.3	54	276.5	48	244.8	62	312.3
40+	59	33.0	70	38.9	97	53.3	100	54.3	66	35.3
Overall	564	166.3	570	166.9	552	160.2	456	130.8	290	82.1

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 11: Gonorrhea — Rate and Count of Reported Cases Sullivan/Blountville County, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	180	233.6	158	203.5	125	160.2	87	110.3	76	95.6
Female	325	399.2	155	192.3	123	151.5	88	107.4	47	56.9
<i>WRA</i>										
WRA	89	332.1	150	561.1	117	428.8	79	284.6	44	156.9
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	37	1054.1	43	1195.1	36	978.0	23	611.7	14	366.6
Non-Hispanic, White	168	113.8	260	177.1	200	135.8	148	99.7	105	70.4
Hispanic	4	122.2	2	56.0	7	180.3	3	71.3	2	44.3
All Other Races	4	97.9	8	188.7	5	115.6	1	22.3	4	86.9
<i>Age groups</i>										
<15	0	0.0	4	16.1	2	8.1	3	12.1	0	0.0
15-19	27	311.3	35	400.5	33	372.1	24	266.4	11	119.9
20-24	55	639.0	72	845.4	70	805.5	36	411.7	34	391.4
25-29	42	419.2	78	802.8	43	439.5	40	408.5	23	234.8
30-34	25	278.8	52	560.3	29	300.3	32	315.6	20	193.3
35-39	18	209.2	41	470.7	26	294.1	14	153.2	10	106.2
40+	46	51.8	31	35.1	45	50.8	26	29.1	25	27.8
Overall	213	134.4	313	197.8	248	155.8	175	108.8	123	75.9

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 12: Gonorrhea — Rate and Count of Reported Cases Upper Cumberland Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	151	84.8	225	125.1	205	112.6	131	70.7	111	58.9
Female	181	99.3	274	150.9	231	125.6	126	67.5	91	48.0
<i>WRA</i>										
WRA	175	282.8	266	428.5	218	344.8	119	184.9	87	132.4
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	18	323.4	35	595.1	23	374.9	18	288.6	17	263.9
Non-Hispanic, White	305	92.7	437	133.2	388	117.2	222	66.2	172	50.6
Hispanic	6	35.3	16	87.3	13	67.7	13	63.7	9	41.7
All Other Races	3	34.0	11	120.4	12	125.3	6	60.0	4	38.0
<i>Age groups</i>										
<15	1	1.6	2	3.2	0	0.0	0	0.0	1	1.6
15-19	38	177.6	61	274.4	36	159.4	24	105.0	19	81.7
20-24	90	394.1	142	625.8	81	350.8	71	305.1	42	179.0
25-29	86	378.7	122	556.0	91	414.5	50	225.1	38	167.1
30-34	49	243.8	82	399.4	96	448.1	49	220.2	45	195.3
35-39	32	160.7	46	229.6	53	262.9	29	141.2	29	138.5
40+	36	18.8	44	23.0	79	40.8	36	18.3	28	14.0
Overall	332	92.1	499	138.1	436	119.2	259	69.6	202	53.4

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates

Table 13: Gonorrhea — Rate and Count of Reported Cases West Tennessee Region, Tennessee, 2019–2023

	2019		2020		2021		2022		2023	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<i>Sex Assigned at Birth</i>										
Male	720	277.7	911	347.4	749	286.4	550	209.1	389	147.2
Female	816	305.9	975	365.8	767	287.4	546	204.0	364	135.3
<i>WRA</i>										
WRA	790	856.0	950	1019.3	737	786.7	527	558.8	354	371.9
<i>Race and Ethnicity</i>										
Non-Hispanic, Black	819	950.5	1,021	1162.8	831	956.7	634	729.0	401	458.8
Non-Hispanic, White	672	164.0	739	180.2	603	147.4	390	95.2	289	70.4
Hispanic	17	101.6	22	130.2	14	78.7	13	69.5	12	61.3
All Other Races	28	206.6	104	739.0	68	461.8	59	383.2	51	320.8
<i>Age groups</i>										
<15	8	8.6	4	4.3	7	7.5	3	3.2	4	4.3
15-19	326	988.4	382	1130.1	266	791.7	215	637.0	152	444.3
20-24	491	1536.7	585	1822.5	484	1499.9	338	1036.8	231	699.9
25-29	291	884.0	398	1243.8	308	974.6	226	717.6	150	478.0
30-34	187	620.2	242	786.9	185	586.7	141	432.8	84	252.6
35-39	107	345.2	119	382.6	116	377.0	69	224.8	64	207.6
40+	124	45.3	156	56.7	150	54.5	104	37.7	68	24.5
Overall	1,536	292.0	1,886	356.7	1,516	286.9	1,096	206.5	753	141.2

Source: Patient Reporting Investigation Surveillance Manager (PRISM) and NEDSS Base System (NBS)

Hispanic is an ethnicity that can be reported with any race

Rates are per 100,000 population. Rates were calculated using the U.S. Census Bureau Population Estimates