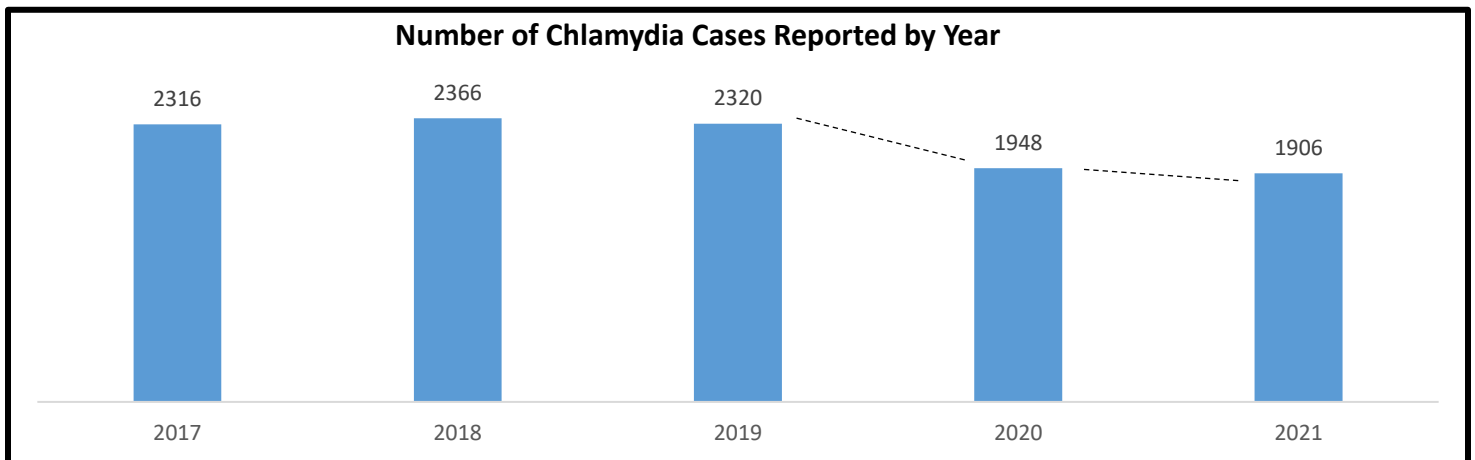


Number of Cases

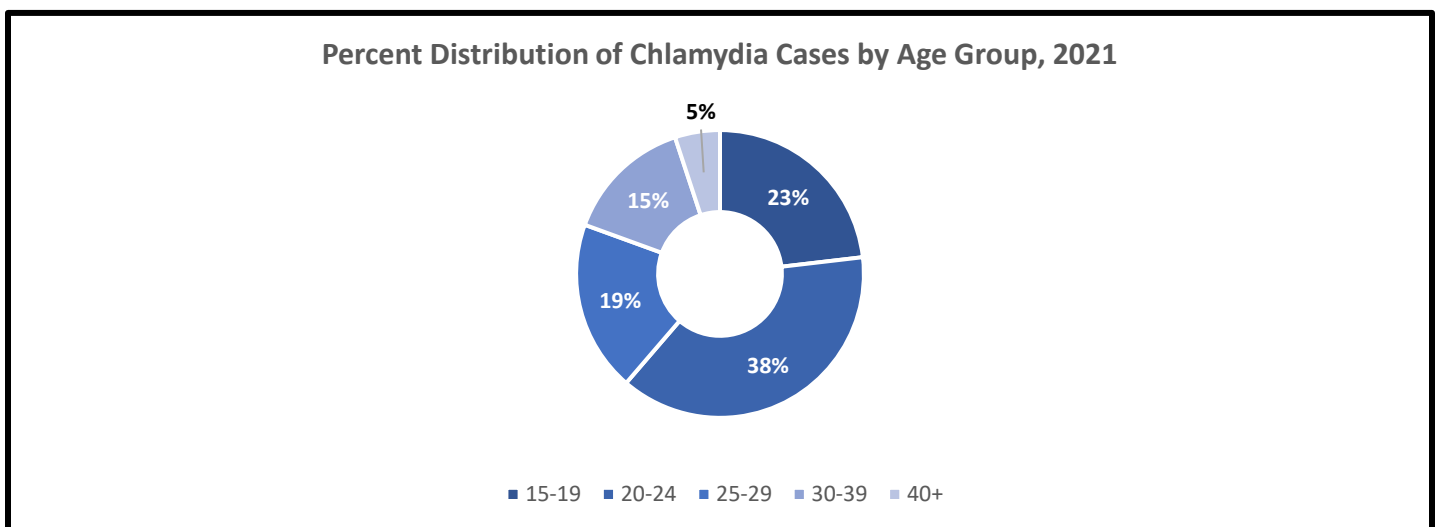
In recent years, Kalamazoo County has had one of the highest chlamydia rates in Michigan. In both 2020 and 2021, the number of chlamydia cases reported in Kalamazoo County decreased compared to previous years; a similar trend was seen statewide. In 2021, 172 residents had more than one chlamydia infection reported (153 had 2 infections and 19 had 3 or more infections) the remainder had one infection reported during the calendar year.



Data Source: MDSS accessed February 14, 2022; 2021 data is provisional and subject to change.

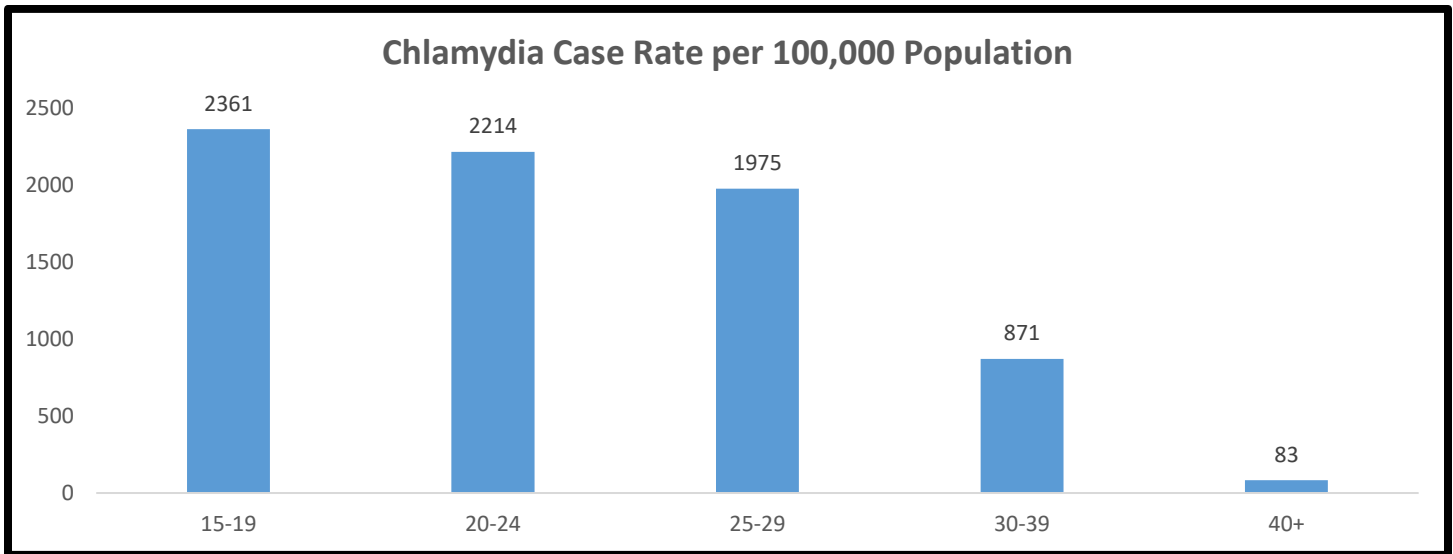
Age Distribution and Age Specific Rates

In 2021, 61% of chlamydia cases were diagnosed in those younger than 25 years old.



Data Source: MDSS accessed February 14, 2022; 2021 data is provisional and subject to change.

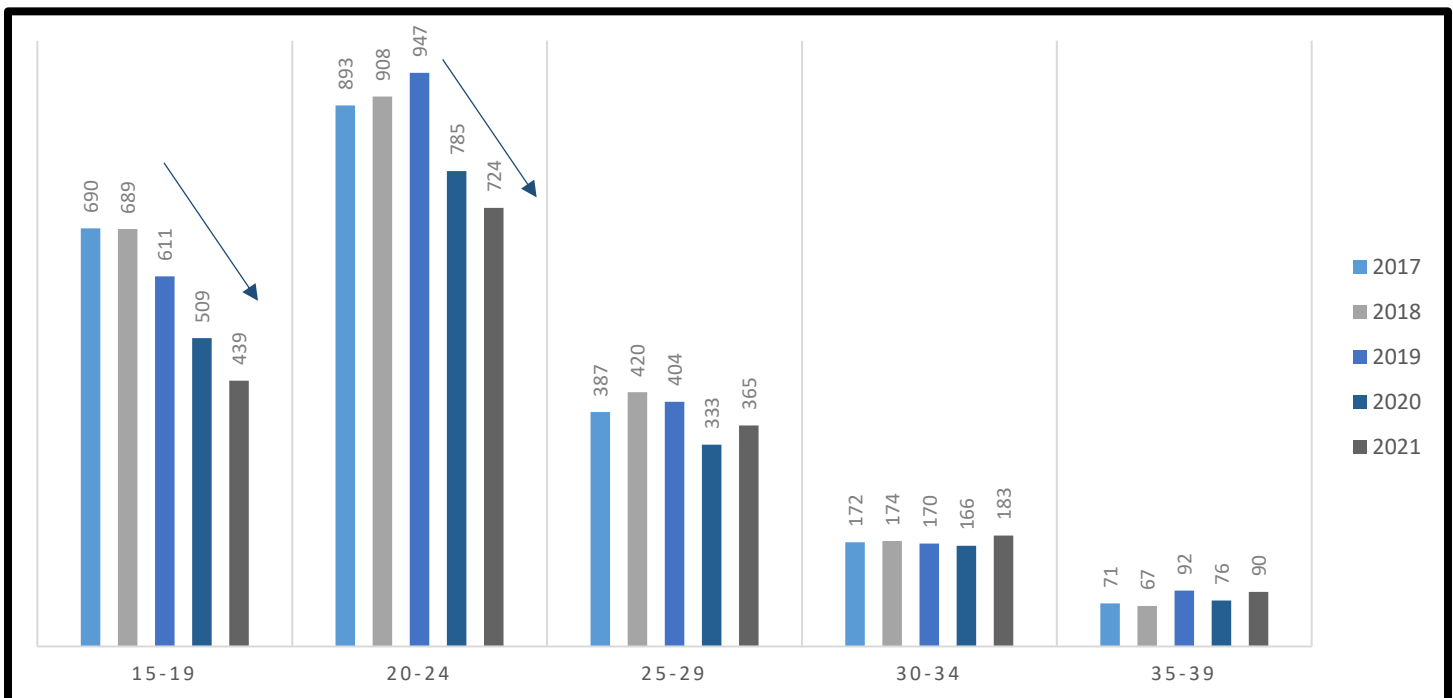
In 2021, 439 cases were diagnosed in 15-19 year olds for a case rate of 2361 per 100,000 population; 724 cases were diagnosed in 20-24 year olds for a case rate of 2214 per 100,000 population and 365 cases were diagnosed in 25-29 year olds for a case rate of 1975 per 100,000 population. Chlamydia case rates decreased as age increased; the rate in 15-19 year olds was 2.7 times the rate of those age 30-39 years.



Data Source: MDSS accessed February 14, 2022; 2021 data is provisional and subject to change. Rates were calculated using ACS 2019 estimates.

Number of Cases by Age and Year

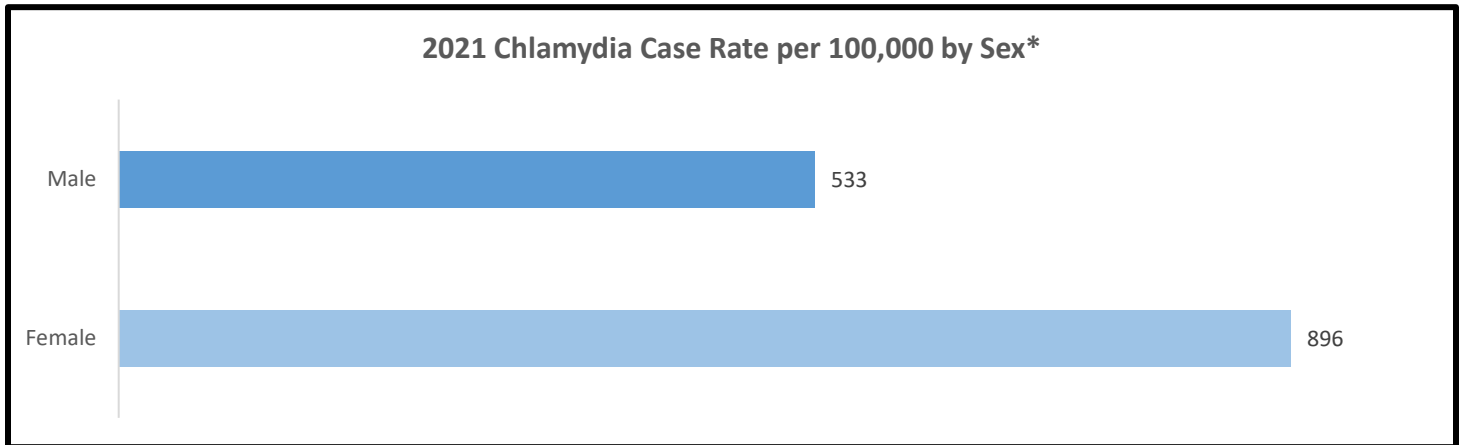
The number of cases reported for all age groups decreased in 2020 compared to previous years. During 2021, the number of cases reported in ages 25+ was similar or slightly higher than counts seen prior to the pandemic. In the younger groups, age 15-24, the number of cases reported has been steadily decreasing since 2019 and the number of cases reported in 2021 was lowest for the past five years.



Data Source: MDSS accessed February 14, 2022; 2021 data is provisional and subject to change.

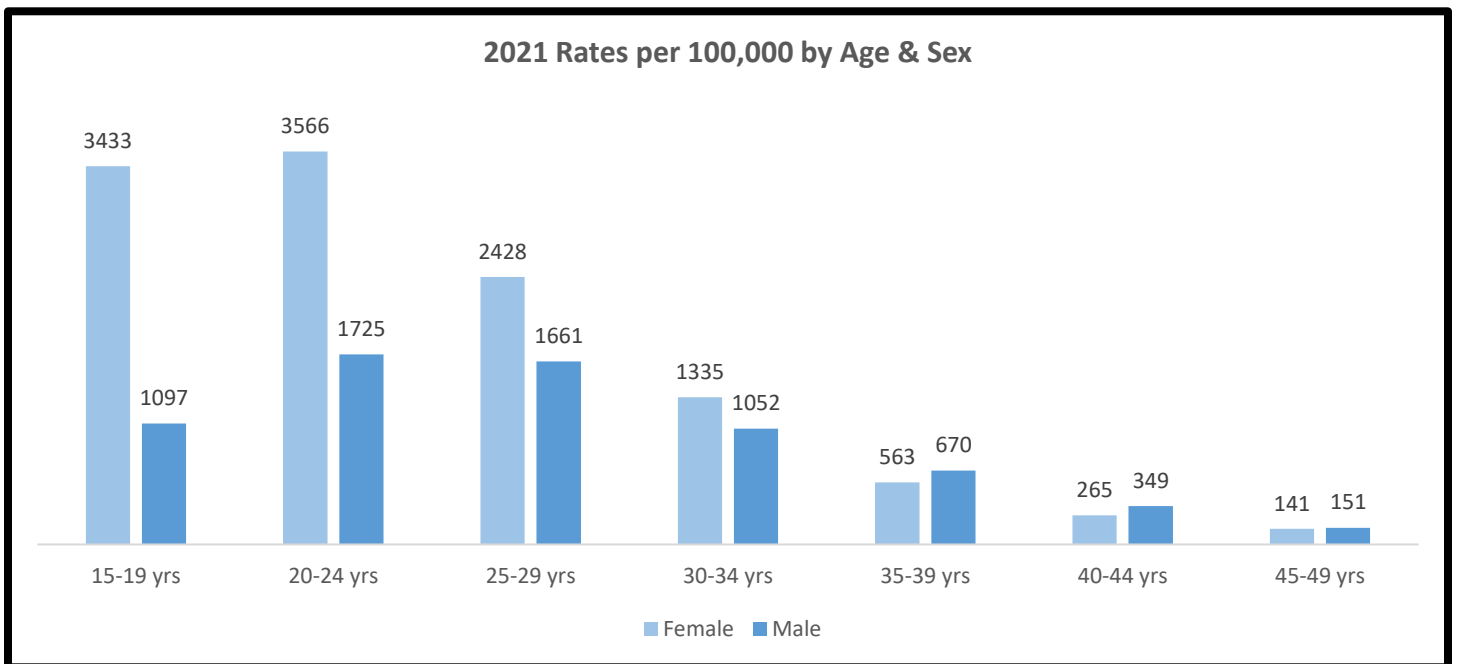
Rates by Sex and Age

In 2021, 1218 cases were diagnosed in females for a rate of 896 per 100,000 population; 688 cases were diagnosed in males for a rate of 533 per 100,000 population. The rate in females was 1.7 times the rate in males.



*Data was captured using binary sex categories. Data Source: MDSS accessed February 14, 2022; 2021 data is provisional and subject to change. Rates were calculated using ACS 2019 estimates.

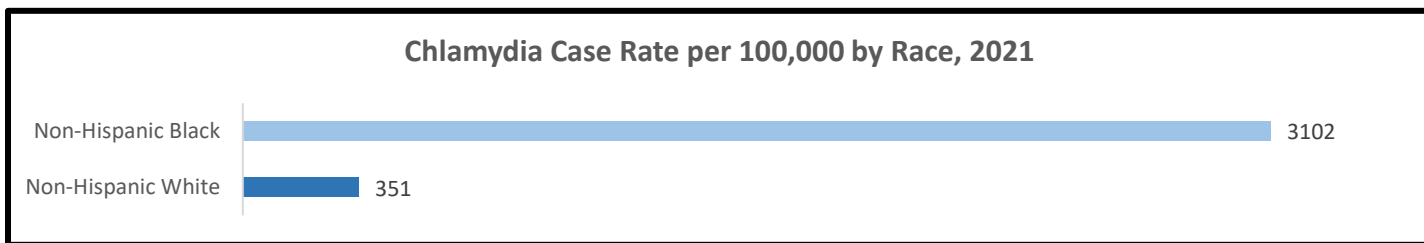
In 2021, the female case rates in those younger than 35 years were higher than the rate in males. The female rate was 3.1 times higher in ages 15-19 years, 2.0 times higher in ages 20-24 years, and 1.5 times higher in ages 25-29 years.



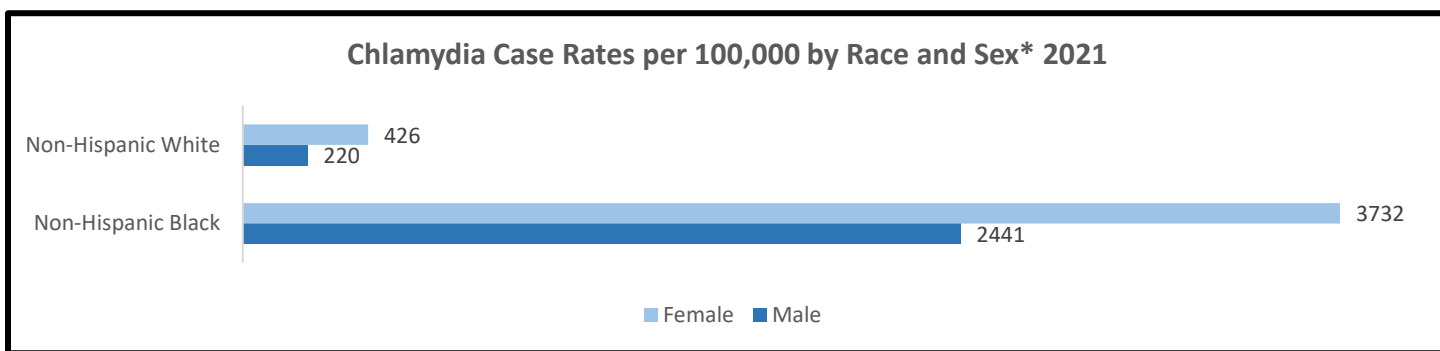
*Data was captured using binary sex categories. Data Source: MDSS accessed February 14, 2022; 2021 data is provisional and subject to change.

Rates by Race and Sex

The overall rate of reported chlamydia cases among non-Hispanic Black county residents was 8.8 times the rate of non-Hispanic White residents. This disparity was similar for non-Hispanic Black males (11 times the rate compared to non-Hispanic White males) and non-Hispanic Black females (8.8 times the rate compared to non-Hispanic White females).



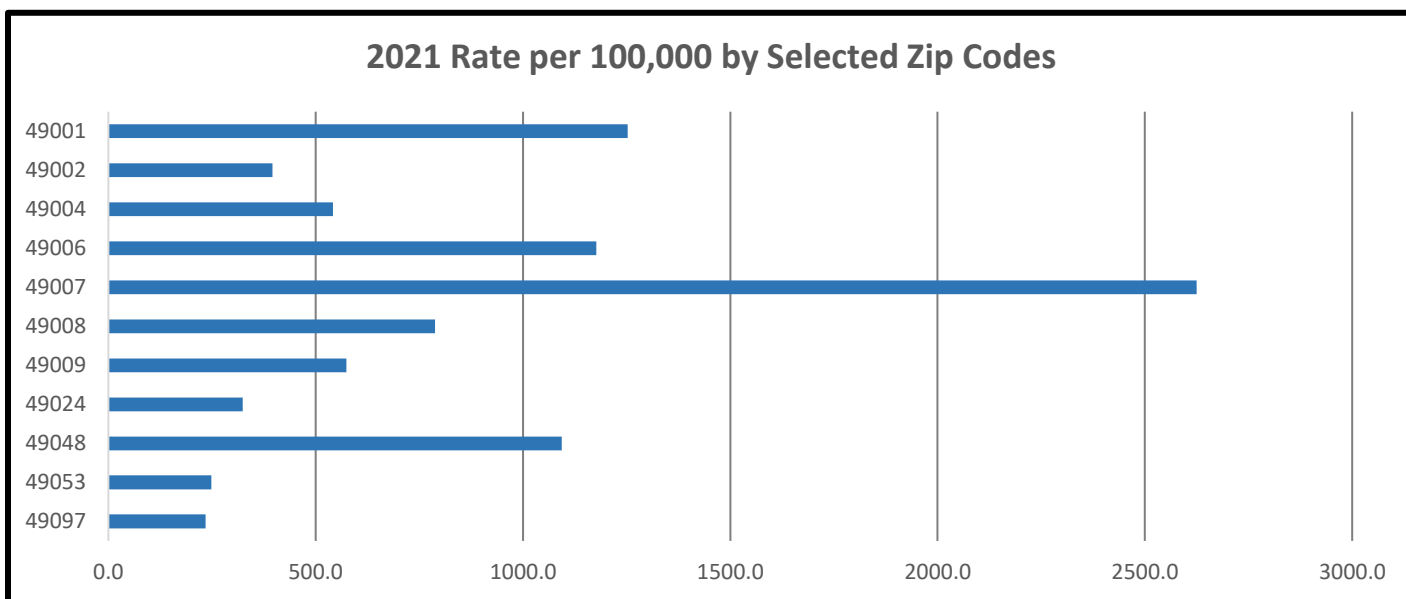
Data Source: MDSS accessed February 14, 2022; 2021 data is provisional and subject to change.



*Data captured using binary sex categories; Data Source: MDSS accessed February 14, 2022; 2021 data is provisional and subject to change.

Rates by Zip Code and Year

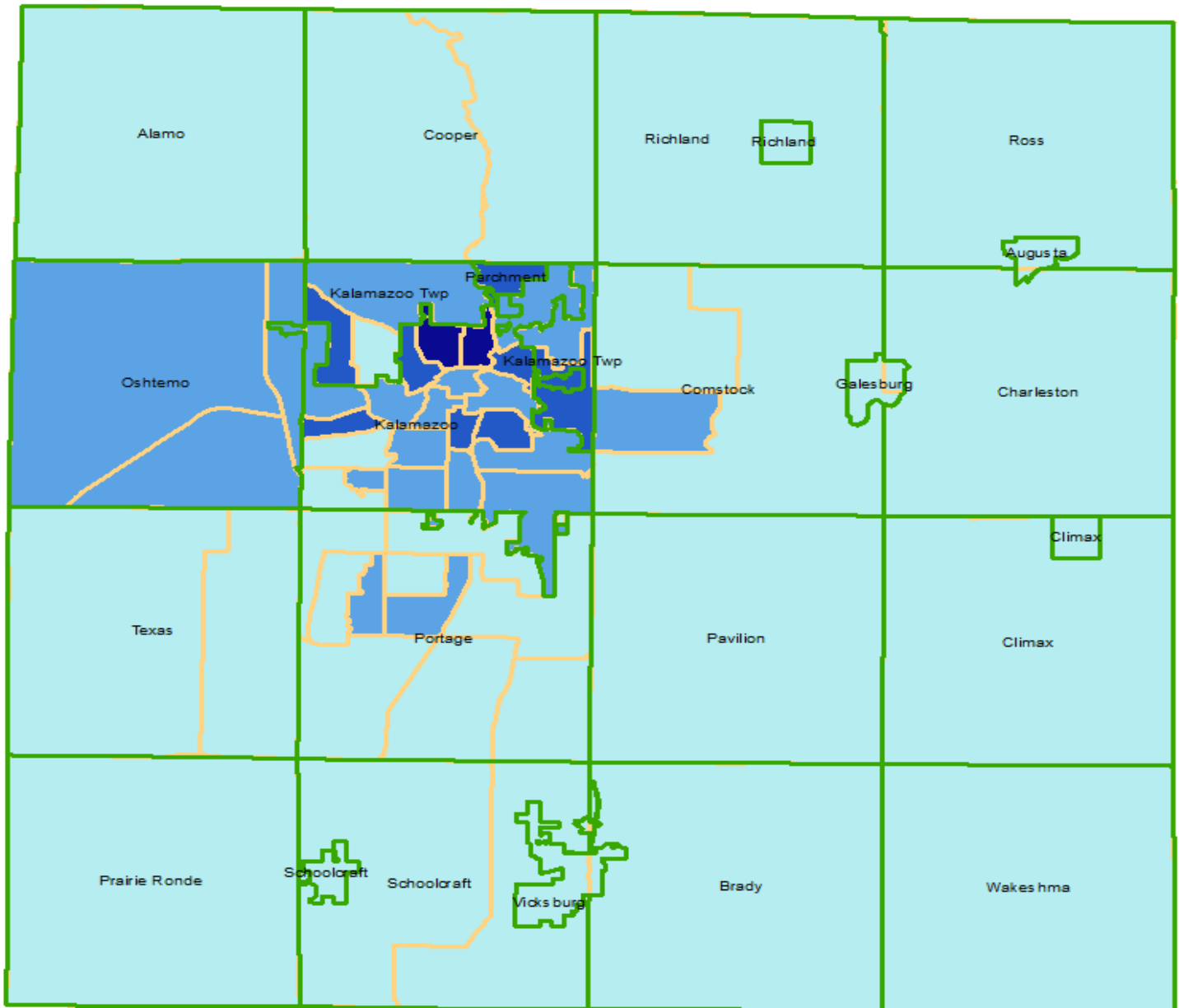
In 2021, the highest chlamydia rates were in the 49007, 49001, 49006, 49048 and 49008 zip codes.



Data Source: MDSS accessed February 14, 2022; 2021 data is provisional and subject to change.

2021 Rates by Census Tract

The map below shows the chlamydia case rate per 100,000 population for 2021 by census tract for Kalamazoo County. During this time period, the census tracts with the highest rates were located within the city of Kalamazoo, Kalamazoo Township, Parchment, Oshtemo and within areas of Comstock and Portage.



**Chlamydia case rates by census tract (per 100,000)
Kalamazoo County, MI - January - December 2021**

■ 42 - 543 (27)
 ■ 544 - 1287 (20)
 ■ 1288 - 2613 (8)
 ■ 2614 - 5201 (2)

Data Source: Michigan Disease Surveillance System - Created By: Jeff Reicherts, MA (2022-02-17)