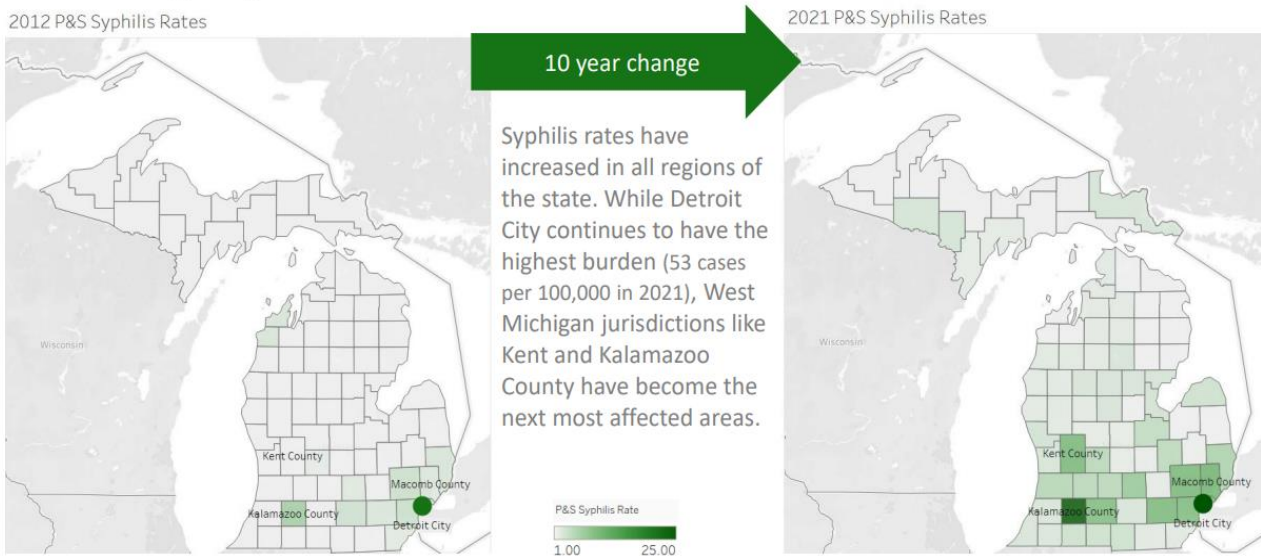
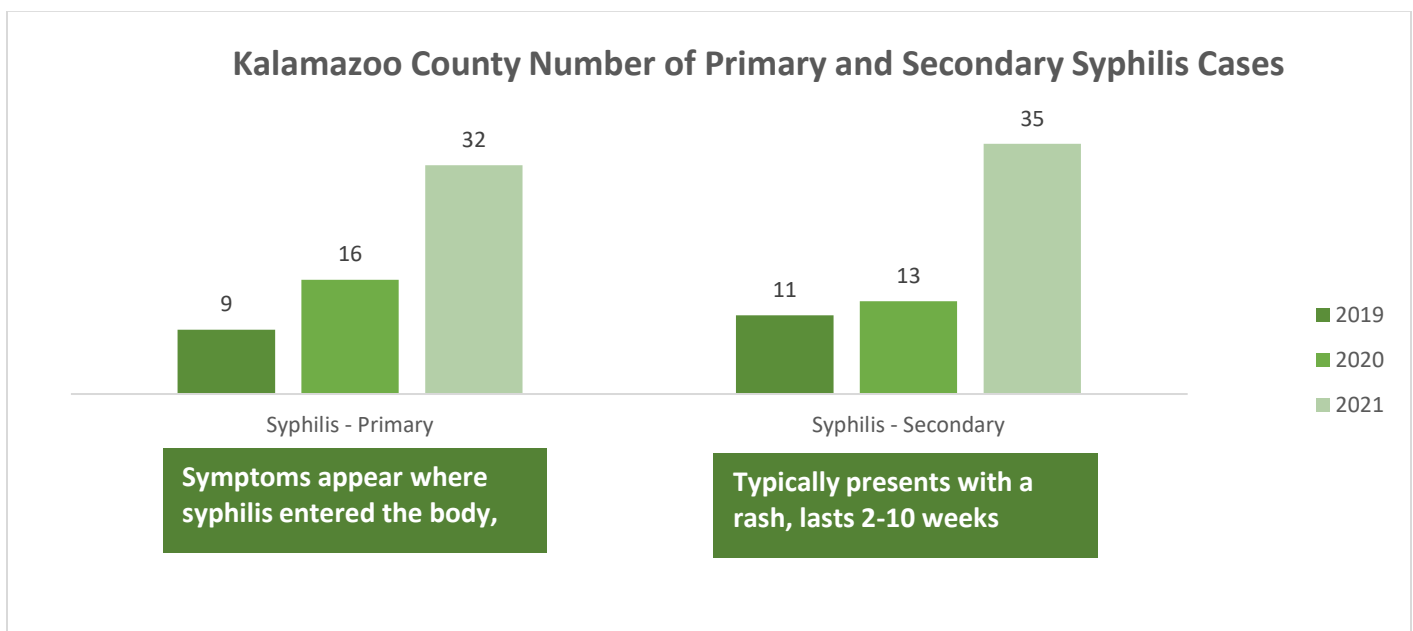


Number of Cases-Michigan and Kalamazoo County

Geographic distribution



Slide courtesy of Christine Convery, STI Epidemiologist; Michigan Department of Community Health



Data Source: MDSS accessed April 20, 2022; 2021 data is provisional and subject to change.

Cases by Sex

MDHHS

Spot Syphilis. Stop Syphilis.

The number of female syphilis cases in Michigan is increasing at an alarming rate.

Over the last five years, the number of women in Michigan diagnosed with syphilis has increased by **five times**.

Now, more than ever, it is imperative that medical providers are testing women for syphilis infection.

Test women who:

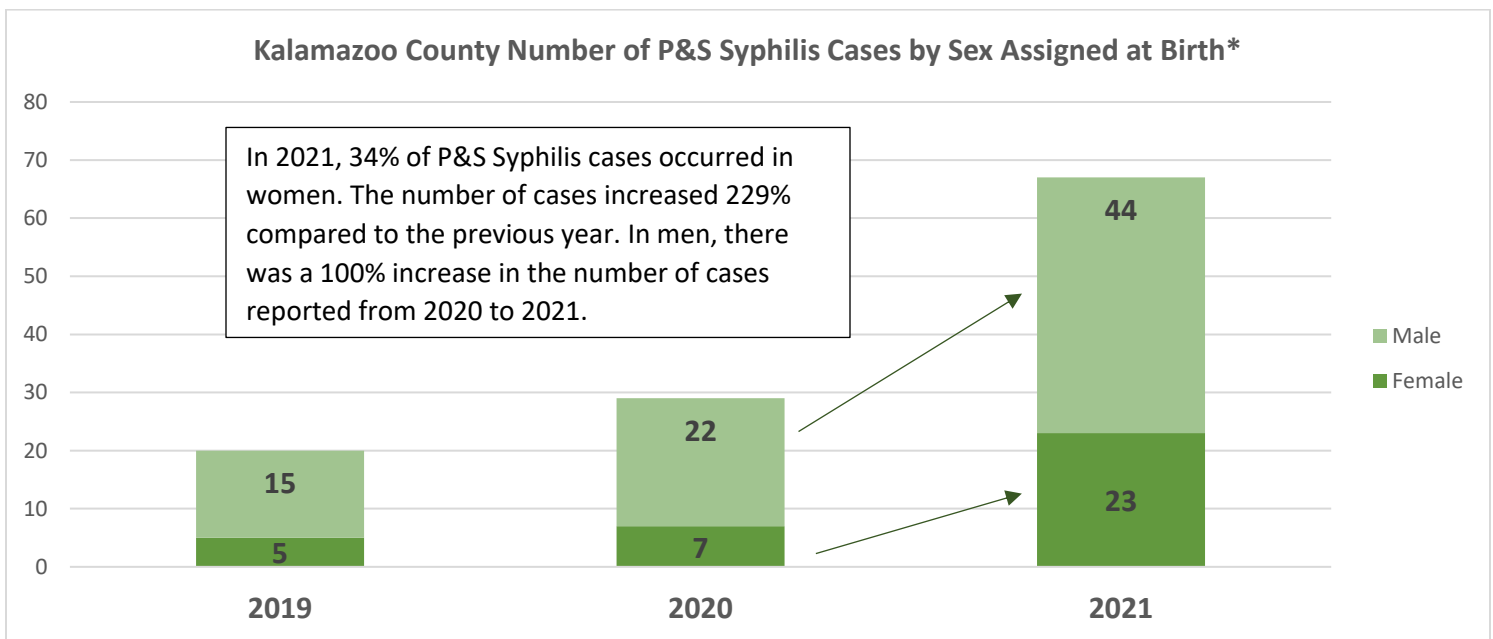
- present with symptomatic syphilis infection, or
- have a known exposure to syphilis, or
- are asymptomatic for syphilis but present with other STIs or for STI testing, or
- are pregnant. Pregnant women should be tested in the first trimester and again early in the third trimester.

Patients who are diagnosed with syphilis should be promptly treated according to the Centers for Disease Control and Prevention (CDC) guidelines. All positive cases of syphilis in Michigan are to be reported to MDHHS or the local the health department.

For more information on how you can stop syphilis, reach out to the Michigan Department of Health and Human Service (MDHHS) syphilis Statewide Provider Liaison Karen Lightheart at LightheartKa@Michigan.gov.

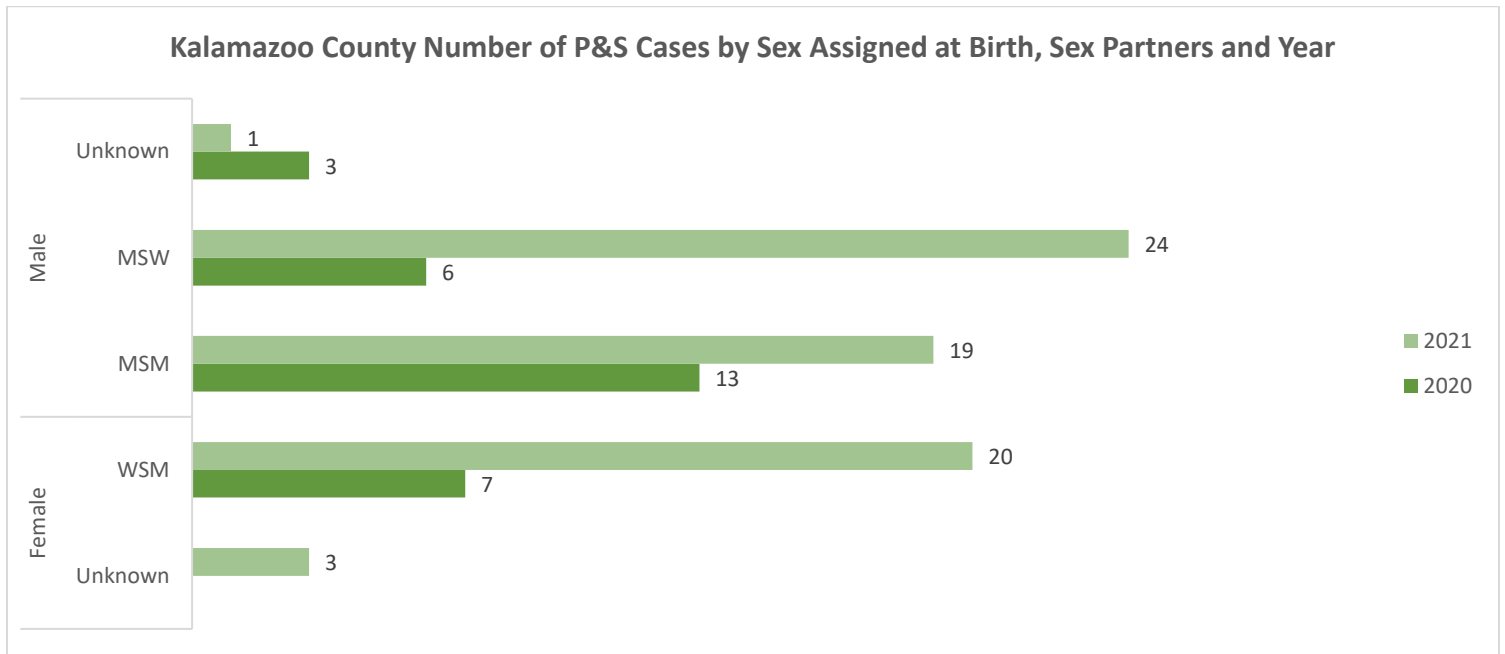
In recent years, rates of primary and secondary (PS) syphilis in women have increased substantially across the United States; 21% from 2019-2020 and 147% between 2016-2020. The data suggest a shift from largely affecting men who have sex with men, to a heterosexual syphilis epidemic. Michigan is following these trends with 21% of PS syphilis cases reported in 2021 occurring among women of childbearing age.

MDHHS HAN Alert 5/2/22



*data collected as a binary variable, Data Source: MDSS accessed April 20, 2022; 2021 data is provisional and subject to change.

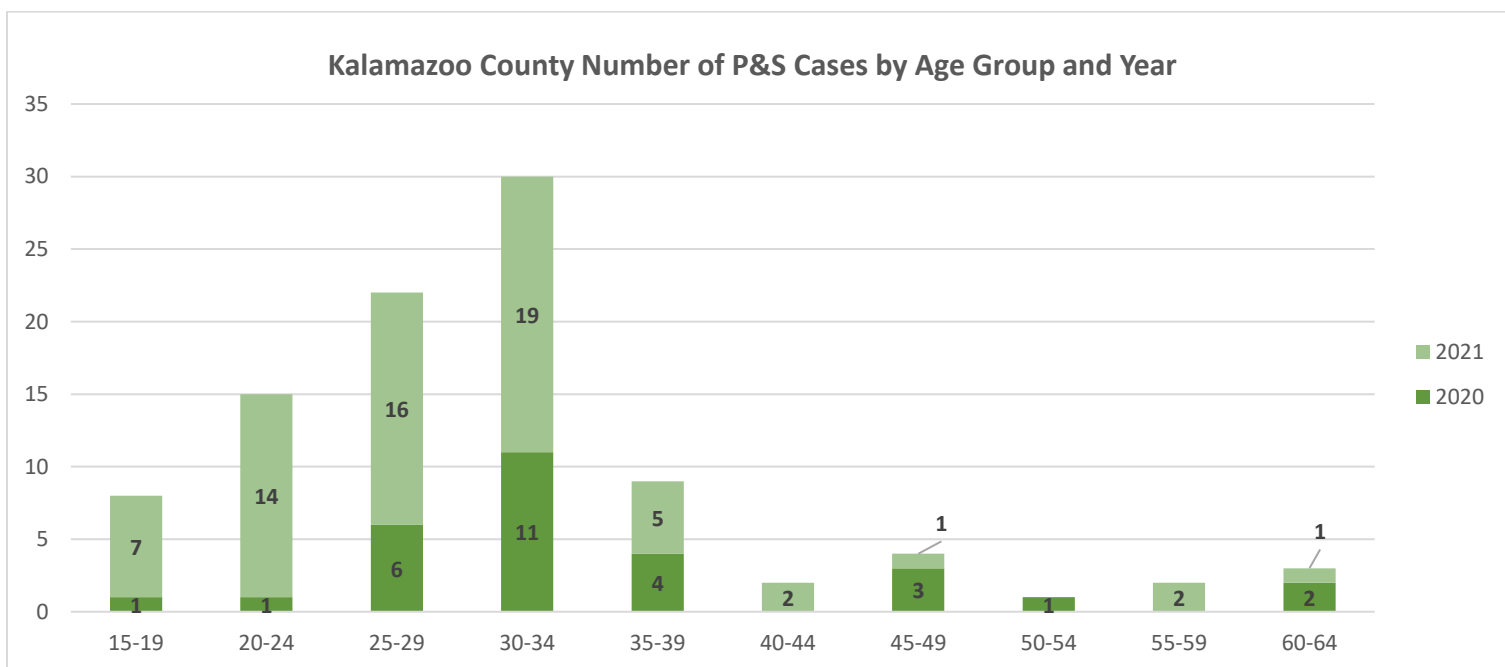
In 2021, similar to the state of Michigan, there was an increase in the proportion of cases in men who report having sex with women (MSW) compared to the previous year. In 2021, 55% of the cases in men were in those who report having sex with women (MSW); 43% were in men who report having sex with men (MSM).



*data collected using a binary category, Data Source: MDSS accessed April 20, 2022; 2021 data is provisional and subject to change.

Number of Cases by Age and Year

In 2021, the number of cases reported increased across most age groups; 31% of P&S cases were in those 24 and younger and 52% were in those age 25-34 years.



Data Source: MDSS accessed April 20, 2022; 2021 data is provisional and subject to change.