Clinical Laboratory Update

CITY OF MILWAUKEE HEALTH DEPARTMENT

April 2026
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Sexually Transmitted Infections

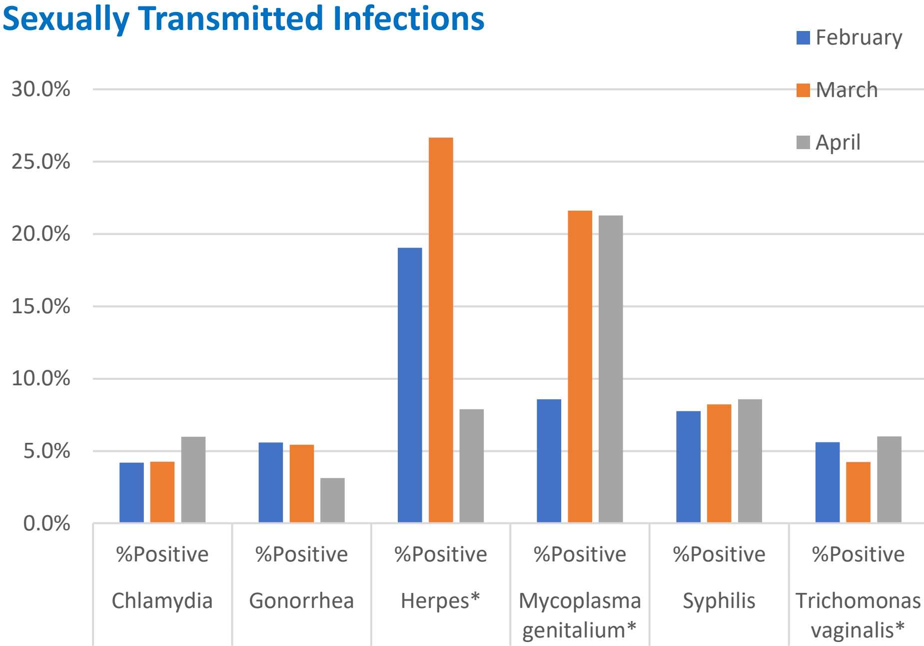

Figure 1: Percent positivity for specimens screened using molecular or serological assays for the given organism.

*Not reportable as per WI DHS 145.04 (3) (a)

Syphilis Surveillance

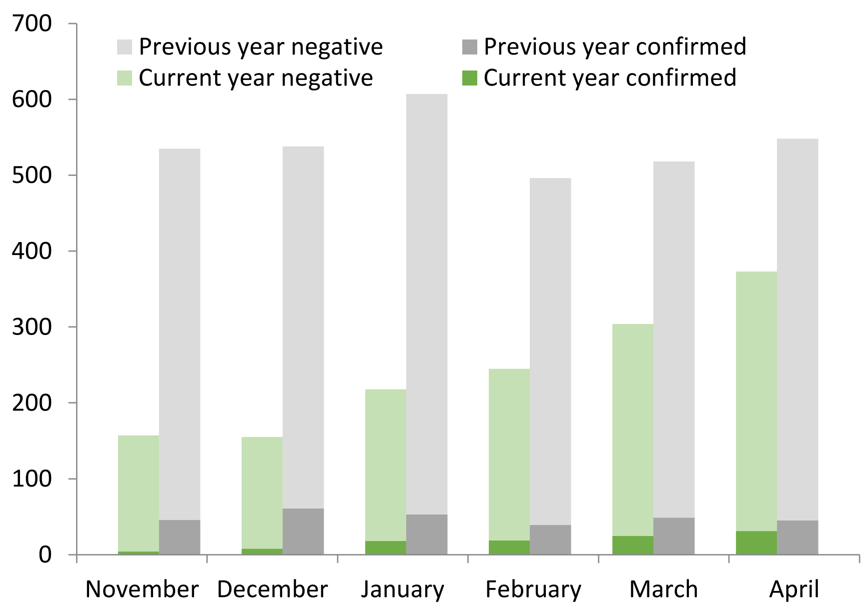

Figure 2: Monthly comparison of syphilis data with year over year comparisons.

Number of specimens screened at MHDL, darker bars represent confirmed tests.

Connect Milwaukee Health Department:

Introducing Lab Online!

The Milwaukee Health Department Laboratory is excited to announce that **Lab Online will go live on June 8, 2026**. This new online system for ordering laboratory tests and accessing results will provide faster and more accurate order entry, improve specimen tracking, and offer real-time access to laboratory reports.

To support a smooth transition, we are offering training resources for our partners. Environmental partners can view a recording of the training session **here**. Clinical partner training will be offered soon, with the training date to be announced in the coming weeks.

Training sessions will cover account creation and setup, system login, electronic test ordering, and viewing and retrieving laboratory results.

As we prepare for the transition, we encourage all partners to verify and update their contact information to ensure they receive important communications and account setup details. If you have questions or need to update your information, please contact our team.

We appreciate your partnership and look forward to making this transition as seamless and user-friendly as possible.

Links to related information & data:
MHD COVID-19 Situation
WSLH Laboratory Surveillance Report
WI SARS-CoV-2 Genomic Dashboard:
https://dataportal.slh.wisc.edu/
https://city.milwaukee.gov/CovidVax
CDC COVID-19 Data Tracker:
https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covidview/index.html

New HIV Infections

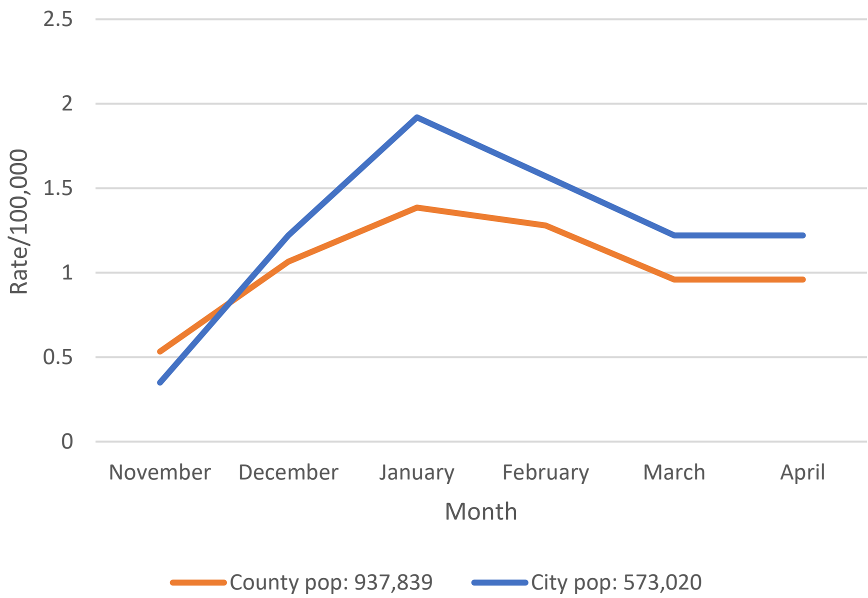

Figure 3: Monthly comparison of rate of new HIV infections in Milwaukee County and the City of Milwaukee, using data obtained from the Wisconsin Department of Health Services. Numbers are provisional and subject to change. Population figures taken from 2020 census results.

For statewide HIV data, visit: https://www.dhs.wisconsin.gov/hiv/data.htm

Sexually Transmitted Infections by Source

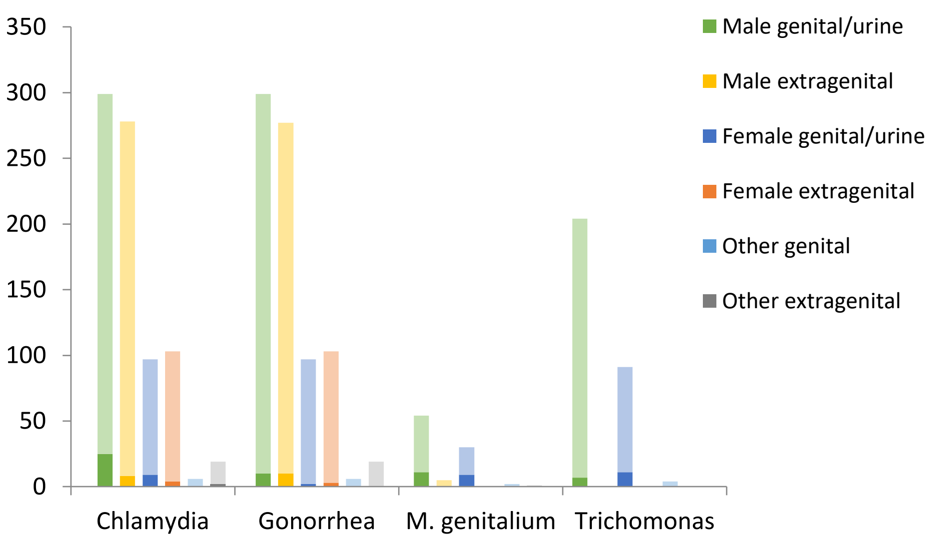

Figure 4: Distribution of STIs detected using NAAT. In April 2026, 5.7**% of male, 6.5**% of female and 8% of other gender specimens screened were positive for Chlamydia. 3.5% of male, 2.5% of female and 3.0% of other gender specimens were positive for Gonorrhea. 18.3% of male, 29.0% female and 0% of other gender specimens were positive for *M. genitalium*. 3.4% of male specimens , 12.1% of female and 0% of the other gender specimens were positive for *Trichomonas*.

Note: Darker bars indicate positive specimens.

Gonorrhea Antimicrobial Susceptibility Testing

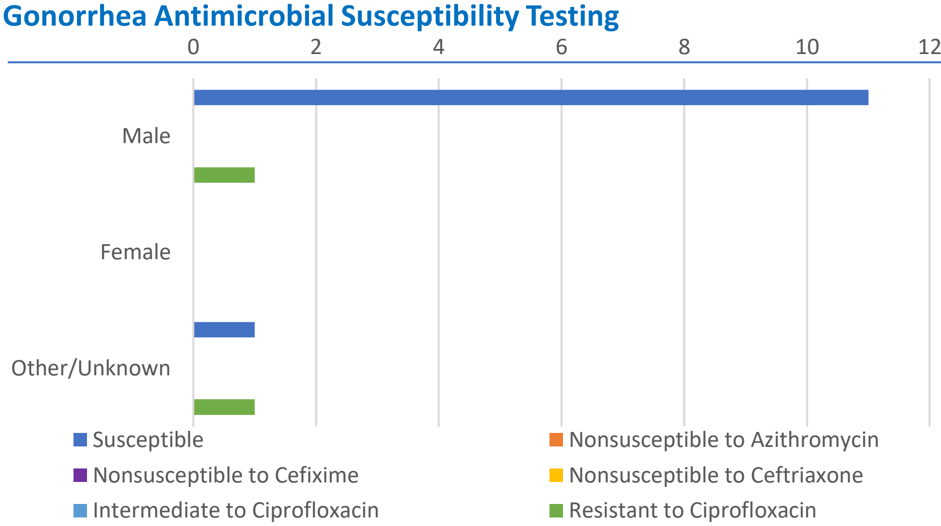

Figure 5: Antibiotic susceptibility profile of Gonorrhea isolates identified in males and females. In **April 2026**, 2 of the 14 cultures tested were found to be resistant to Ciprofloxacin according to CLSI guidelines. MHDL tests for antibiotic resistance to Ceftriaxone, Cefixime and Ciprofloxacin, and Azithromycin on request.

Viral Surveillance

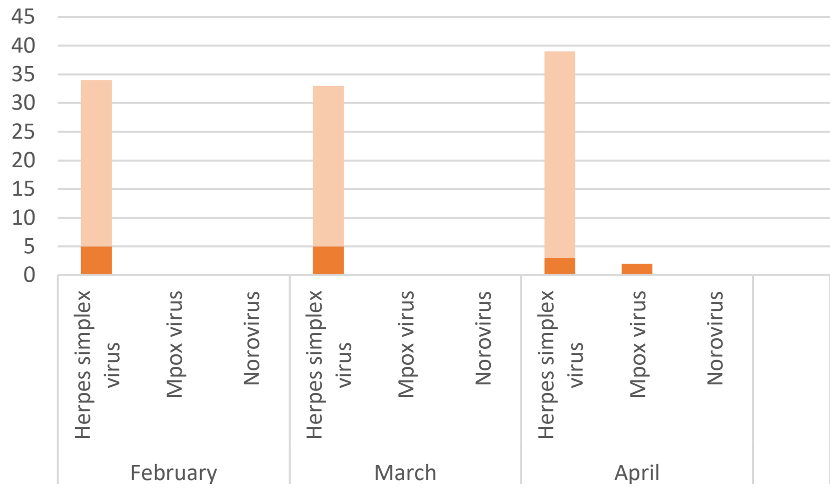

Figure 6: Specimens tested using molecular methods.

Note: Height of bar indicates number of specimens tested.

Dark orange bars indicate DNA/RNA detected by real-time PCR and/or nucleotide sequencing analysis, blue indicates inconclusive results.

Respiratory Infections

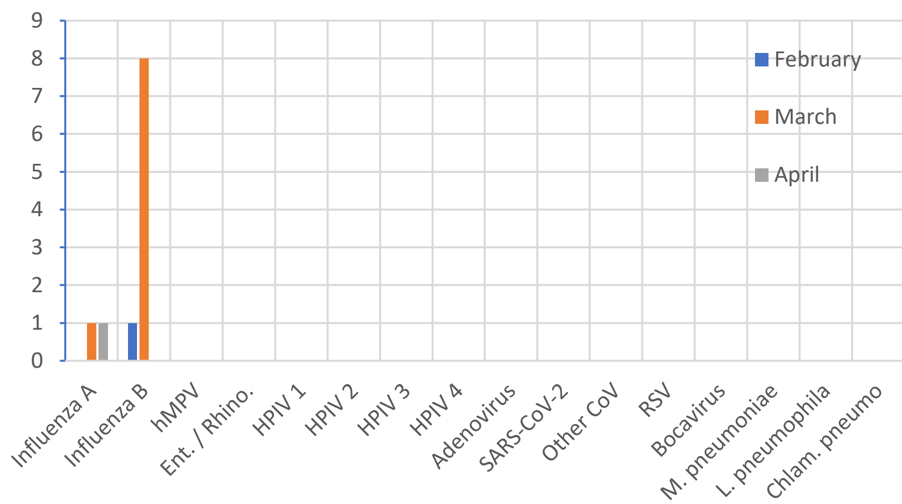

Figure 7: Respiratory pathogens detected using a Respiratory Pathogen Panel (RPP) and/or RT-PCR Influenza and Covid-19 assays.