CITY OF MILWAUKEE
HEALTH DEPARTMENT

Clinical Laboratory Update

September 2026
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Sexually Transmitted Infections

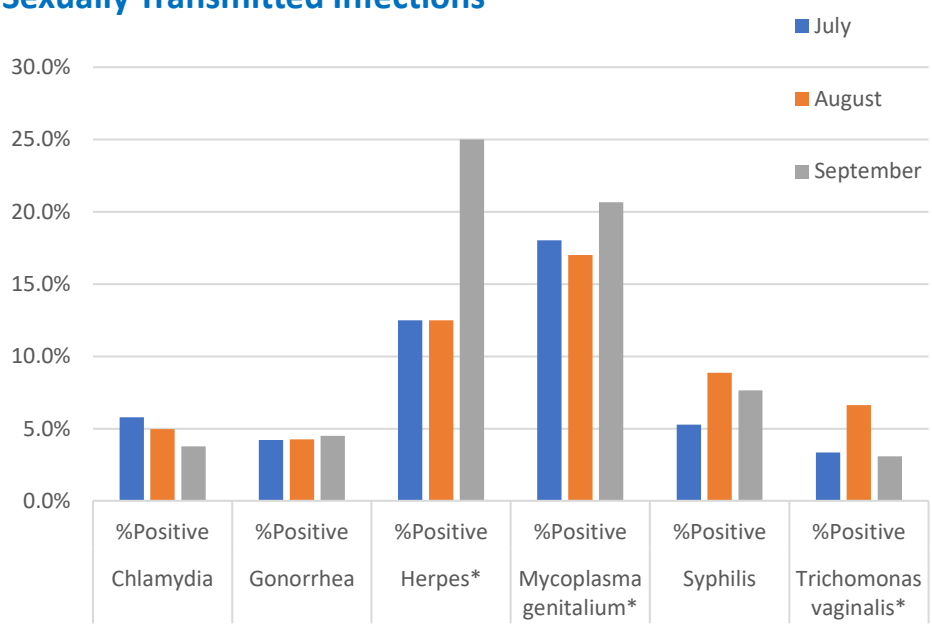


Figure 1: Percent positivity for specimens screened using molecular or serological assays for the given organism.

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

Syphilis Surveillance

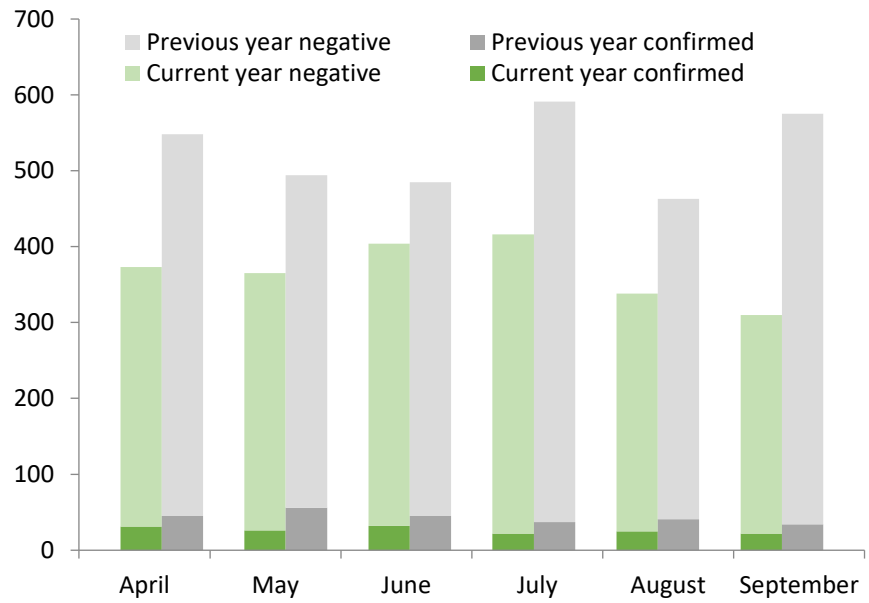


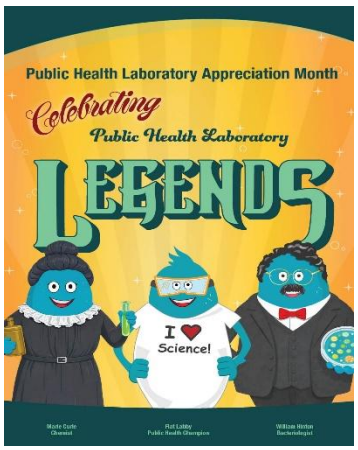
Figure 2: Monthly comparison of syphilis data with year over year comparisons.

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

MHDL Celebrating Public Health Laboratory Appreciation Month

The MHD Laboratory, along with fellow public health laboratory professionals nationwide, is taking time out during the month of September to celebrate its staff in honor of the Association of Public Health Laboratories (APHL)'s Public Health Laboratory Appreciation Month. At this time, MHDL would like to recognize our employees for the important work they do behind the scenes to keep the local community safe from public health threats. MHDL works diligently to support local public health systems in collaboration with other MHD divisions by providing a variety of clinical and environmental testing, along with reference lab testing services, real-time disease surveillance and other public health and emergency response. We would also like to invite our fellow partners to join us in celebrating the important role you all play in protecting and ensuring the health of our community, locally and beyond!

For more information on PHL Appreciation Month and ideas to celebrate, visit APHL's website.



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

Connect Milwaukee Health Department:

New HIV Infections

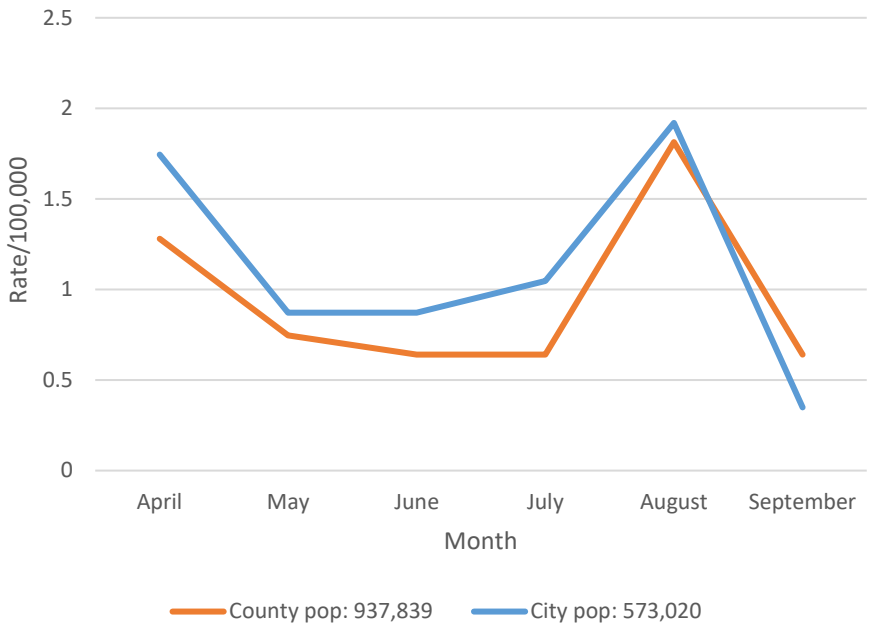


Figure 3: Monthly comparison of rate of new HIV infections in Milwaukee County and the City of Milwaukee, using data obtained from the Wisconsin Department of Health Services. Numbers are provisional and subject to change. Population figures taken from 2020 census results.

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

Sexually Transmitted Infections by Source

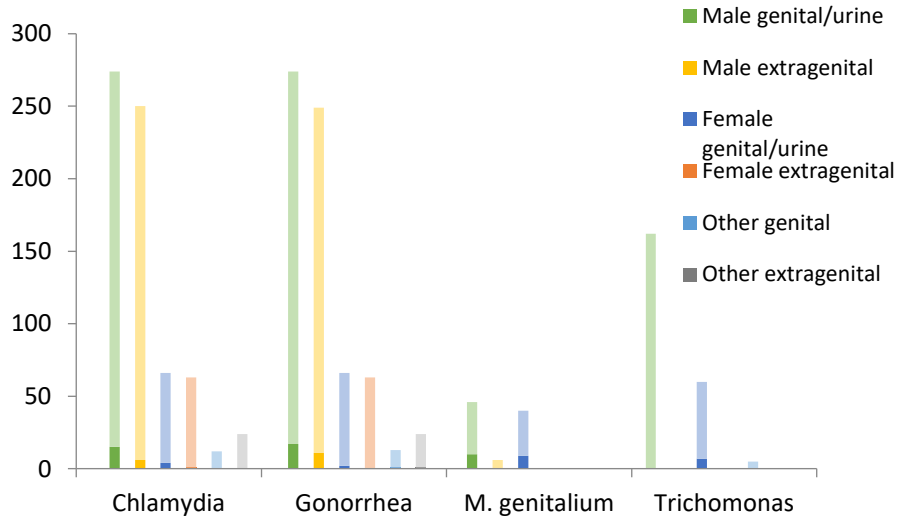


Figure 4: Distribution of STIs detected using NAAT. In September 2026, 4.0% of male, 3.9% of female and 0% of other gender specimens screened were positive for Chlamydia. 5.3% of male, 1.6% of female and 2.8% of other gender specimens were positive for Gonorrhea. 17.0% of male, 17.5% female and 0% of other gender specimens were positive for *M. genitalium*. 19.2% of male specimens , 22.5% of female and 0% of the other gender specimens were positive for *Trichomonas*.

Note: Darker bars indicate positive specimens.

Gonorrhea Antimicrobial Susceptibility Testing

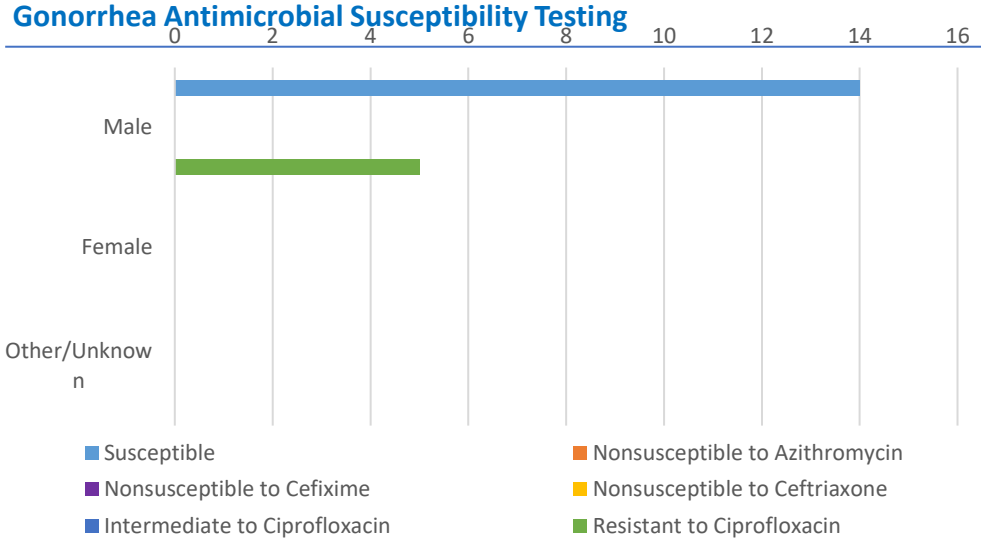


Figure 5: Antibiotic susceptibility profile of Gonorrhea isolates identified in males and females. In **September 2026**, 5 of the 14 cultures tested were found to be resistant to Ciprofloxacin according to CLSI guidelines. MHDL tests for antibiotic resistance to Ceftriaxone, Cefixime and Ciprofloxacin,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

Viral Surveillance

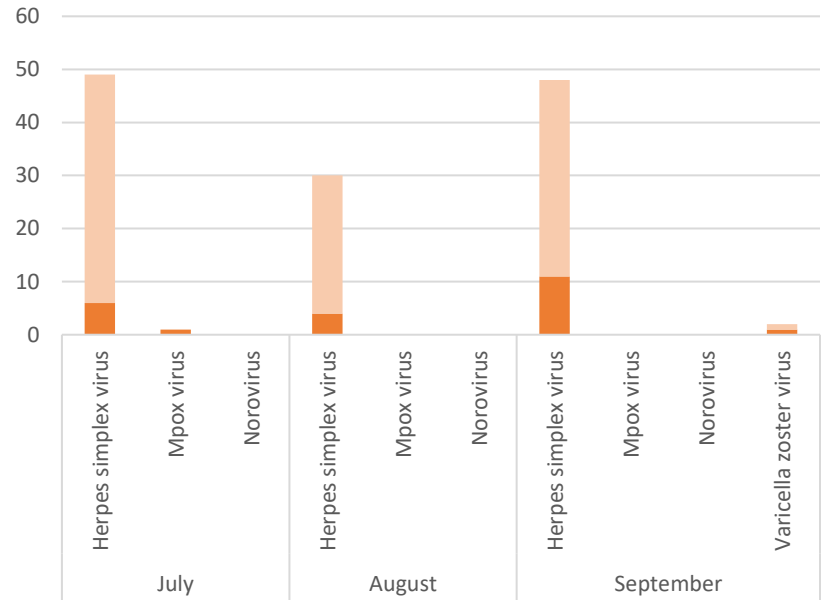


Figure 6: Specimens tested using molecular methods.

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

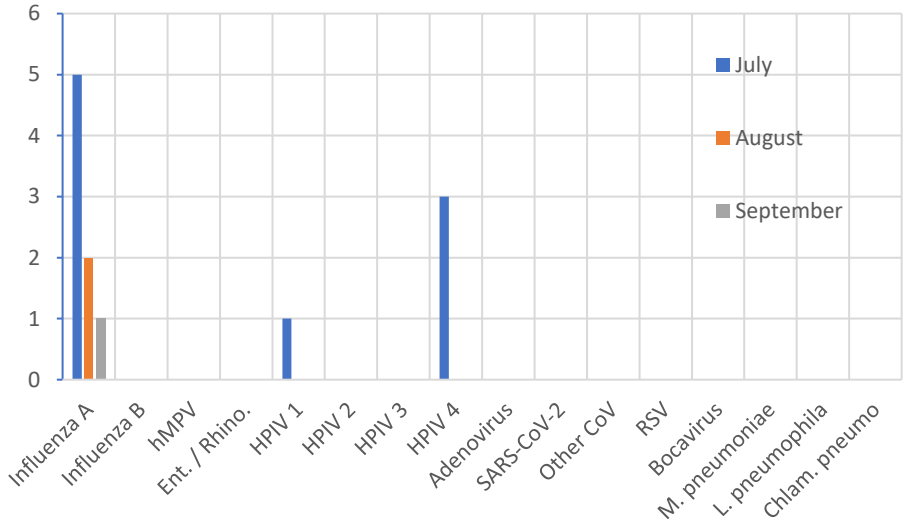


Figure 7: Respiratory pathogens detected using a Respiratory Pathogen Panel (RPP) and/or RT-PCR Influenza and Covid-19 assays.