

City of Milwaukee Health Department Laboratory

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SUMMARY OF CONFIRMED INFECTIONS

June 2019

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Syphilis

Test	Total
EIA Reactive	44
VDRL/RPR Reactive	24
TP-PA Reactive	11

New Cases of Syphilis

Stage	Number of Cases	
	June 2019	June 2018
Primary syphilis	1	0
Secondary syphilis	1	1
Early latent	0	0
Late latent	1	0
Total	3	1

Source: Wisconsin Division of Health

HIV

Test	Total	Reactive	Percent (%)
EIA-HIV Ag/Ab combo	304	6	2.0

Chlamydia trachomatis (CT), *Neisseria gonorrhoeae* (GC), *Trichomonas vaginalis* (Trich), and *Mycoplasma genitalium* (Mgen) Nucleic Acid Amplification

Source	CT			GC			Trich			Mgen		
	Tested	Positive	Percent (%)	Tested	Positive	Percent (%)	Tested	Pos	Percent (%)	Tested	Pos	% Pos
Urine	549	44	8.0	549	34	6.2	393	5	1.3	221	28	12.7
Throat	390	8	2.1	436	29	6.7						
Rectal	162	16	9.9	163	12	7.4						
Vaginal	64	7	10.9	64	7	10.9	64	1	1.6			
Urethral	1	0	0	1	0	0	1	0	0	79	19	24.1

Gonorrhea Antimicrobial Susceptibility Testing

Number Tested	Non-Susceptible (NS) / Decreased-Susceptible (DS) Antibiotics			
	Cefixime	Ceftriaxone	Azithromycin	Gentamicin*
62	0	0	10	0

*No CLSI interpretation available

Clinical cultures of interest

Source	Identification	Number
Rectum	<i>Neisseria meningitidis</i>	1
Throat	<i>Moraxella catarrhalis</i>	1
Urethra	<i>Neisseria meningitidis</i>	2

Reference cultures

Source	Identification	Number
BAL	<i>Blastomyces dermatitidis</i> *	1
Sputum	<i>Legionella pneumophila</i> *	1

*The MHD laboratory targets the 16S rRNA (bacterial) and the D2 region of the 28S rRNA (fungal) genes for sequence-based microbial identification of selective reference isolates.

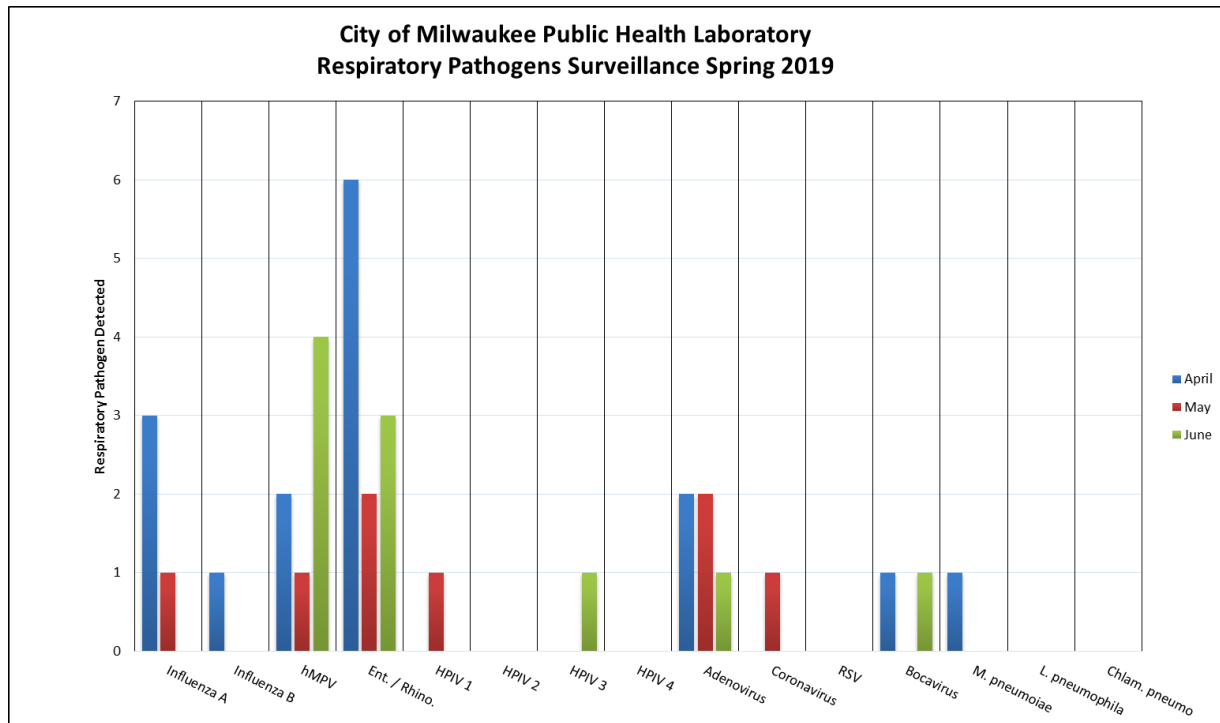
Molecular Amplification

Agent	Method	Tested	Positives	Percent (%)
Herpes simplex virus	Real time PCR	16	1	6
Measles virus	Real time RT-PCR	1	0	0
Mumps virus	Real time RT-PCR	2	0	0

Respiratory Pathogens Surveillance:

Respiratory Pathogen Panel Test Results		
Virus	Positives	Percent (%)
Human metapneumovirus	4	50
Entero/Rhinovirus	3	38
Adenovirus	1	13
Parainfluenza virus type 3	1	13
Bocavirus	1	13

Specimens tested: n = 8 (June 2019)



Note: The MHDL provides comprehensive detection of multiple respiratory viruses and their subtypes: Influenza A, Influenza B, Respiratory Syncytial Virus (RSV), Human Metapneumovirus (hMPV), Enterovirus/ Rhinovirus (ENT/HRV), Adenovirus, Parainfluenza (HPIV 1-4), Coronavirus and Boca viruses. The bacterial targets include *Chlamydia pneumoniae*, *Mycoplasma pneumoniae*, and *Legionella pneumophila*.

