

SUMMARY OF CONFIRMED INFECTIONS

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Syphilis

Test	Total	Test	Total
EIA Reactive	49	Darkfield Reactive	0
VDRL Reactive	27	TP-PA Reactive	10

New Cases of Syphilis

Stage	Number of Cases	
	October 2018	October 2017
Primary syphilis	1	0
Secondary syphilis	0	0
Early latent	0	1
Late latent	0	1
Total	1	2

Source: Wisconsin Division of Health

HIV

Test	Total	Reactive	Percent (%)
EIA-HIV Ag/Ab combo	271	4	1.5

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

Source	CT			GC			Trich		
	Tested	Positives	Percent (%)	Tested	Positives	Percent (%)	Tested	Positives	Percent (%)
Urine	546	54	9.9	546	53	9.7	316	26	8.2
Throat	347	5	1.4	347	20	5.8			
Rectal	75	11	14.7	75	6	8.0			
Vaginal	0	0	N/A	0	0	N/A	77	18	23.4

Gonorrhea Antimicrobial Susceptibility Testing

Number Tested	Non-Susceptible (NS) / Decreased-Susceptible (DS) Antibiotics			
	Cefixime	Ceftriaxone	Azithromycin	Gentamicin*
59	0	0	3	0

*No CLSI interpretation available

Clinical cultures

Source	Identification	Number
Vagina	<i>Neisseria gonorrhoeae</i>	1
Cervix	<i>Neisseria gonorrhoeae</i>	1
Urine	<i>Neisseria gonorrhoeae</i>	1
Penis	<i>Neisseria gonorrhoeae</i>	1

Reference cultures

Source	Identification	Number
Stool	<i>Campylobacter jejuni</i> *	2
Lesion	<i>Corynebacterium striatum</i> *	1
Sputum	<i>Legionella pneumophila</i>	1
Lung	<i>Legionella pneumophila</i>	2
Blood	<i>Moraxella osloensis</i>	1
Blood	<i>Salmonella (Group D) enteritidis</i>	1
Stool	<i>Shigella (Group D) sonnei</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.

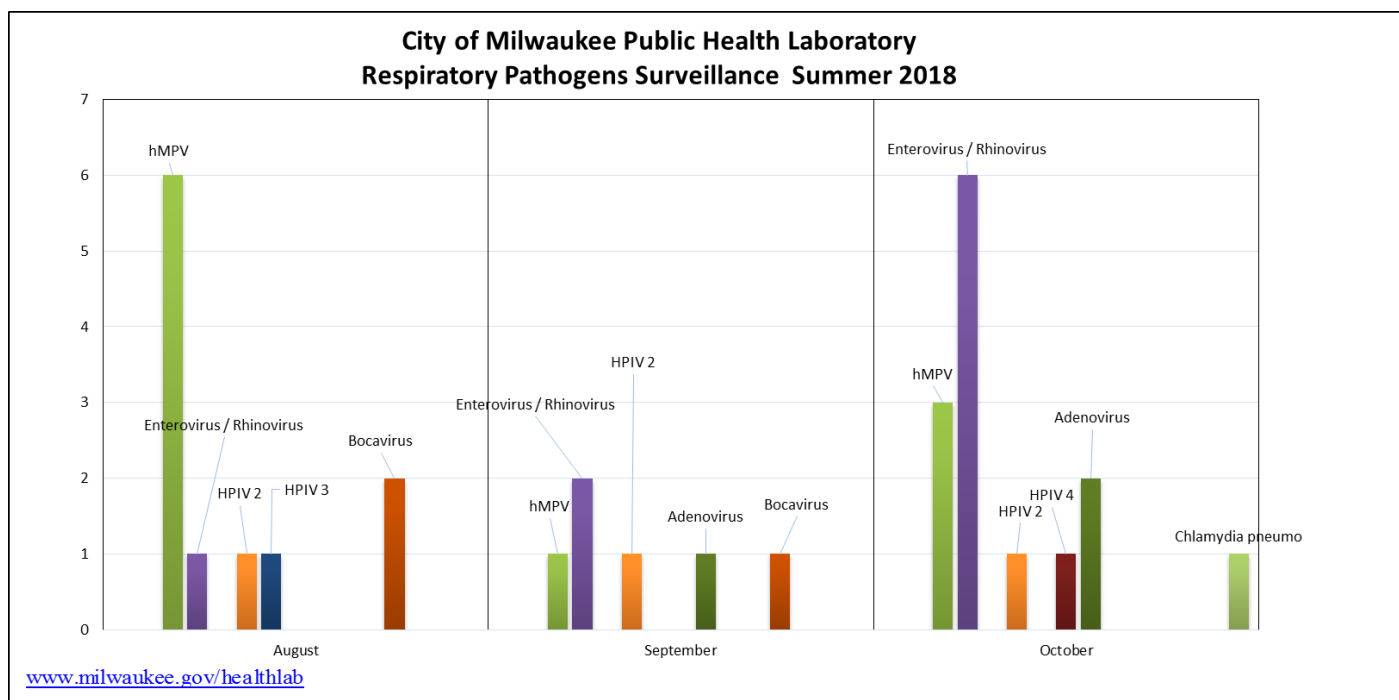
Molecular Amplification

Agent	Method	Tested	Positives	Percent (%)
<i>Bordetella pertussis</i>	Real time PCR	8	0	0
Herpes simplex virus	Real time PCR	42	8	19
Mumps virus	Real time RT-PCR	5	0	0
Influenza	Real time RT-PCR	2	0	0

Respiratory Pathogens Surveillance:

Respiratory Pathogen Panel Test Results		
Virus	Positives	Percent (%)
Human metapneumovirus	3	30
Entero/Rhinovirus	6	60
Parainfluenza virus type 2	1	10
Parainfluenza virus type 3	0	0
Bocavirus	0	0

Specimens tested: n = 10 (September 2018 – Not including Influenza PCR data)



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*, *Mycoplamsa pneumoniae*, and *Legionella pneumophila*