

SUMMARY OF CONFIRMED INFECTIONS

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November 2018

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Syphilis

Test	Total	Test	Total
EIA Reactive	36	Darkfield Reactive	0
VDRL Reactive	10	TP-PA Reactive	8

New Cases of Syphilis

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

Source: Wisconsin Division of Health

HIV

Test	Total	Reactive	Percent (%)
EIA-HIV Ag/Ab combo	280	3	1.1

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	480	48	10.0	481	39	8.1	320	32	10.0
Throat	389	10	2.6	466	18	3.9			
Rectal	151	13	8.6	154	39	25.3			
Vaginal	1	1	100	1	0	0.0	71	12	16.9

Gonorrhea Antimicrobial Susceptibility Testing

Number Tested	Non-Susceptible (NS) / Decreased-Susceptible (DS) Antibiotics			
	Cefixime	Ceftriaxone	Azithromycin	Gentamicin*
60	0	0	3	0

*No CLSI interpretation available

Clinical cultures

Source	Identification	Number
Throat	<i>Moraxella catarrhalis</i> (<i>Branhamella catarrhalis</i>)	1
Throat	<i>Neisseria lactamica</i>	1
Cervix	<i>Neisseria gonorrhoeae</i>	19
Rectum	<i>Neisseria gonorrhoeae</i>	2
Throat	<i>Neisseria gonorrhoeae</i>	7
Urethra	<i>Neisseria gonorrhoeae</i>	34
Urethra	<i>Neisseria meningitidis</i>	7
Throat	<i>Neisseria meningitidis</i>	11

Reference cultures

Source	Identification	Number
Stool	<i>Bacillus subtilis</i>	2
Wound	<i>Corynebacterium pseudodiphtheriticum</i>	1
BAL	<i>Legionella pneumophila</i>	1
Vagina	<i>Neisseria gonorrhoeae</i>	2
Urine	<i>Neisseria gonorrhoeae</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.

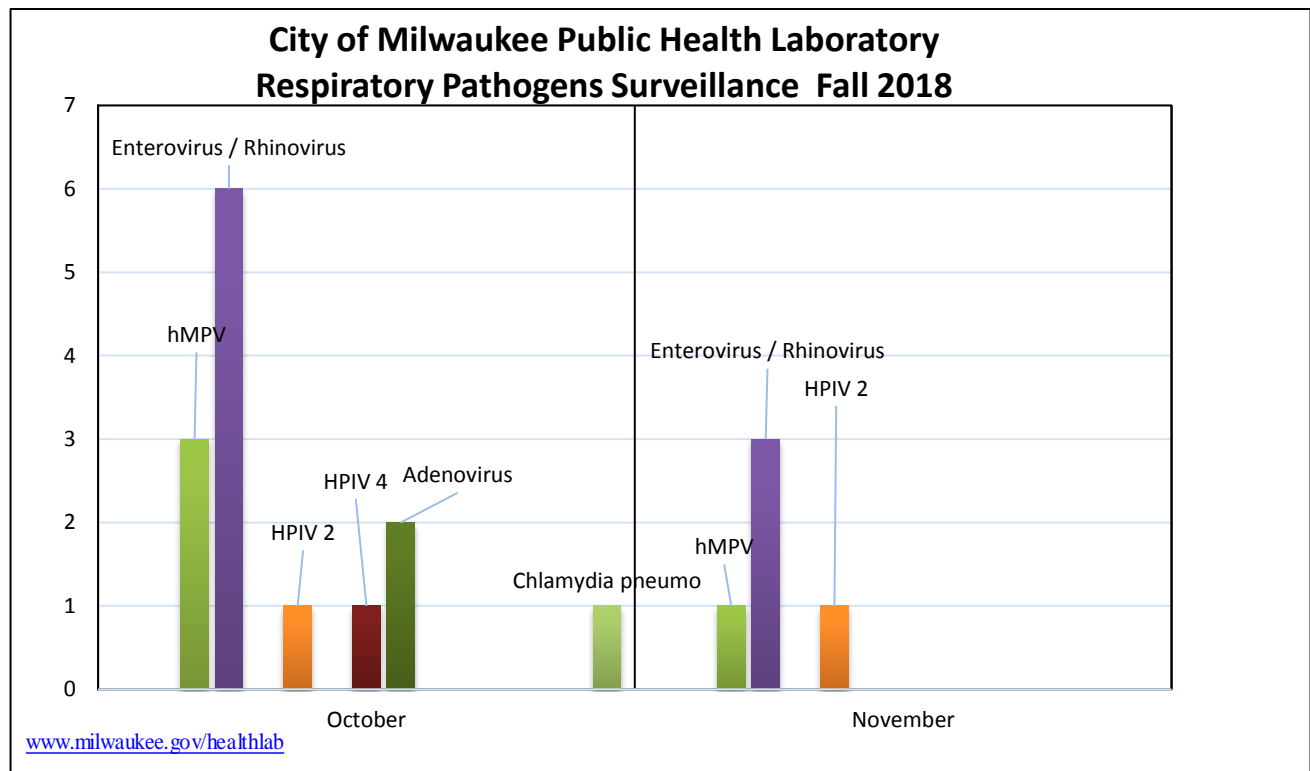
Molecular Amplification

Agent	Method	Tested	Positives	Percent (%)
<i>Bordetella pertussis</i>	Real time PCR	4	0	0
Herpes simplex virus	Real time PCR	45	7	15
Mumps virus	Real time RT-PCR	2	0	0
Influenza	Real time RT-PCR	5	0	0
Varicella zoster	Real time PCR	1	0	0

Respiratory Pathogens Surveillance:

Respiratory Pathogen Panel Test Results		
Virus	Positives	Percent (%)
Human metapneumovirus	1	9
Entero/Rhinovirus	3	27.3
Parainfluenza virus type 2	1	9
Parainfluenza virus type 3	0	0
Bocavirus	0	0

Specimens tested: n = 11 (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*, *Mycoplasma pneumoniae*, and *Legionella pneumophila*