



Bevan K. Baker,
Commissioner of Health
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SUMMARY OF CONFIRMED INFECTIONS

February 2017

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Syphilis

Test	Total	Test	Total
RPR Reactive	6	Darkfield Reactive	0
VDRL Reactive	25	TP-PA Reactive	10

New Cases of Syphilis

Stage	Number of Cases	
	Feb 2017	Feb 2016
Primary syphilis	0	0
Secondary syphilis	0	1
Early latent	1	1
Late latent	1	0
Total	2	2

Source: Wisconsin Division of Health

Gonorrhea Antimicrobial Susceptibility Testing

Number Tested	Non-Susceptible (NS) / Decreased Susceptible (DS) / Resistant (R) Antibiotics			
	Ciprofloxacin	Cefixime	Ceftriaxone	Azithromycin
38	8 (R)	0	0	0

Reference Cultures

Age	Sex	Source	Identification
25	F	Genital	<i>Neisseria gonorrhoeae</i>
77	F	Urine	<i>Salmonella enterica</i> subspecies I (enterica)
60	F	Blood	<i>Sphingobacterium</i> species

Molecular Amplification

Agent	Method	Tested	Positives	Percent (%)
Norovirus	Real time RT-PCR	19	6	32
Mumps virus	Real time RT-PCR	20	8	40
<i>Bordetella pertussis</i>	Real time PCR	6	0	0
Influenza virus	Real time RT-PCR	68	54	79
Herpes simplex virus	Real time PCR	42	11	26

Chlamydia trachomatis (CT) and *Neisseria gonorrhoea* (GC) Nucleic Acid Amplification

Source	Tested	CT		GC	
		Positives	Percent (%)	Positives	Percent (%)
Urine	473	53	11	41	9
Throat or NP	391	6	2	26	7
Rectal	127	14	11	11	9

Virus/*Chlamydia trachomatis* Isolation from Clinical Specimens

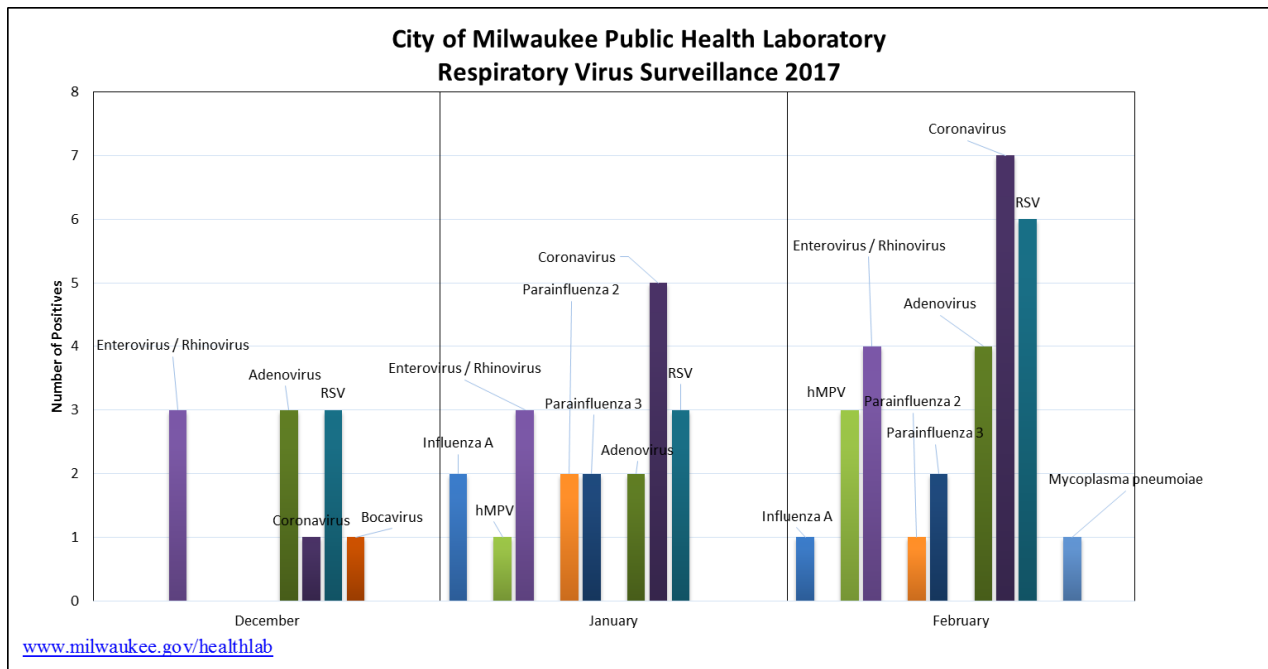
Agent	Virus Isolated in Culture		
	Throat	Virus swab – Other*	Isolates (Total %)
Adenovirus	2		5
Respiratory Syncytial Virus	1	2	8
Influenza A		1	3
Coronavirus	4		11
Human Metapneumovirus	1		3

* Includes lung, NP/Throat combined, Cytomegalovirus(CMV) shell vials, and unspecified sources
 Specimens tested for virus: n = 37 (February 2017); Specimen tested for *Chlamydia* detection in culture: n = 1 (February 2017); Specimen tested for CMV n = 9 (February 2017)

Respiratory Virus Surveillance:

Respiratory Virus Panel Test Results		
Virus	Positives	Percent (%)
Human Adenovirus	4	8
Enterovirus/Rhinovirus	4	8
Respiratory Syncytial Virus	6	11
Human metapneumovirus	3	6
Human Coronavirus	7	13
Human parainfluenza 2	1	2
<i>Mycoplasma pneumoniae</i>	1	2
Human parainfluenza 3	2	4

Specimens tested: n = 53 (February 2017 – 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 RPP assay also detects three bacterial targets of respiratory interest: *Chlamydia pneumoniae*, *Mycoplasma pneumoniae*, and *Legionella pneumophila*