

Laboratory Surveillance Report

Surveillance Data Positivity of Bacterial Enteric Pathogens by PCR at Wisconsin Laboratories Wisconsin Surveillance **Synopsis** 10.0% Norovirus and the other viral 8.0% Rhinovirus/ gastropathogen activity is declining 6.0% enterovirus are from the winter seasonal peaks. Percent Positi the predominant 4.0% respiratory patho-2.0% gens detected. 0.0% 4123/16 412116 419176 5/14/16 A116116 4130176 517176 5121118 614176 Norovirus activity Campylobacter % Pos E. coli O157 % Pos ■ Shigella % Pos Salmonella % Pos is decreasing from Positivity of Viral Enteric Pathogens by PCR at Wisconsin Laboratories the seasonal win-Other bacterial and parasitic gas-40.0% • ter peak. tropathogens are being reported spo-32.0% radically from WI clinical laboratories 24.0% Influenza activity Positiv performing culture independent de-16.0% is sporadic. tection tests (CIDT's). ercent 8.0% 0.0% 419176 123/16 614176 A12116 4130176 5/14/16 5121116 Astro % Pos Noro % Pos Rota % Pos Sapo % Pos

To enhance surveillance activities for novel influenza viruses, the WSLH asks labs to please send:

- ALL influenza positive specimens throughout the summer months.
 - **Other Surveillance Data-Wisconsin**

Week Ending June 4, 2016

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/ enterovirus	235	13.6
Adenovirus	93	5.4
Parainfluenzavirus	229	3.5
Human metapneu- movirus	241	3.3
Coronavirus	93	2.2
RSV	243	2.1
Influenza	331	2.1
B. pertussis	108	4.6

Respiratory

- Rhinovirus/enterovirus were the predominant respiratory pathogens detected.
- Influenza activity is at baseline levels and detections are sporadic which is typical for the summer months.

Surveillance Graphs

Surveillance graphs are available on our website.

Week Ending June 4, 2016			
GI Pathogen PCR	# Tested	% Positive	
Giardia	28	3.6	
Sapovirus	28	3.6	
Norovirus	93	2.2	
Shigella	95	2.1	
Salmonella	121	1.7	
Rotavirus	79	1.3	
Campylobacter	121	0	
Cryptosporidium	28	0	
STEC	79	0	
E. coli 0157	28	0	

Others reported include Y. enterocolitica (1%) & EAEC (4%)

Gastropathogen (Week ending June 4, 2016)