

Laboratory Surveillance Report

Influenza (Week ending August 26, 2017)

Surveillance Data Synopsis

- **Rhinovirus/enterovirus was the predominant respiratory virus reported.**
- **EPEC and Cryptosporidium were the most frequently reported gastro pathogens.**
- **Influenza activity is sporadic.**

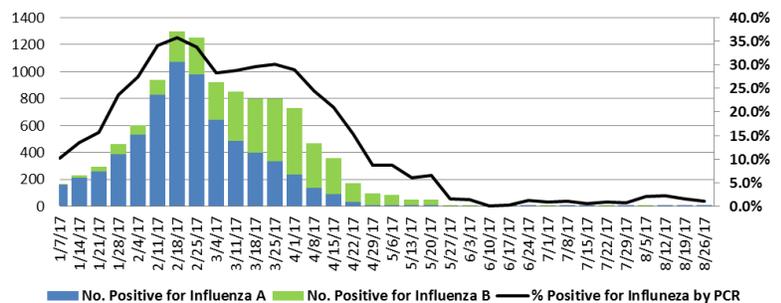
National Influenza Update (CDC)

- Nationally, the CDC reported that 1.6% of the 5,284 surveillance specimens tested positive for influenza virus. (A and B). Overall, activity is sporadic across the US.
- One human infection with a novel influenza A virus was reported by Ohio. The person was infected with an influenza A (H1N2) variant (H1N2v) virus and reported exposure to swine in a fair setting during the week preceding illness onset.

Wisconsin Influenza Update

- A total of 3 positive specimens of the 288 tested by PCR (1.0%) were positive for influenza virus (A/H3).
- Influenza activity in Wisconsin is sporadic.

% Positive for Influenza by PCR (Wisconsin), Week Ending August 26, 2017



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

- **ALL INFLUENZA (A) POSITIVE SPECIMENS to WSLH for further characterization.**

Other Surveillance Data-Wisconsin

Week Ending August 26, 2017

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/enterovirus	229	14.4
Human metapneumovirus	272	3.3
Adenovirus	35	2.9
Parainfluenza	258	1.9
Influenza	288	1.0
Coronavirus	119	<1
RSV	273	0
<i>B. pertussis</i>	86	3.5

Respiratory

- Rhinovirus/enterovirus was the predominant respiratory virus reported.

Gastro pathogens

- Enteropathogenic *E. coli* (EPEC) and Cryptosporidium were the predominant gastro pathogens reported by Wisconsin labs performing culture independent diagnostic tests (CIDT).

Week Ending August 26, 2017

GI Pathogen PCR	# Tested	% Positive
EPEC	96	11.5
Cryptosporidium	96	6.3
Sapovirus	51	3.9
Campylobacter	359	3.3
Giardia	96	2.1
Salmonella	359	1.9
Rotavirus	184	1.1
STEC	278	1.1
Norovirus	167	<1.0
Shigella	208	0
<i>E. coli</i> 0157	84	0