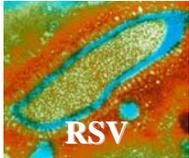


# 10X Essentials (formerly Bugs-R-Us)

Infectious Disease Diagnostics in the Geisinger Health System

A Publication of Geisinger Medical Laboratories  
Vol. (3):1-2, November 26, 2012



## Influenza/Respiratory syncytial virus (RSV) Report

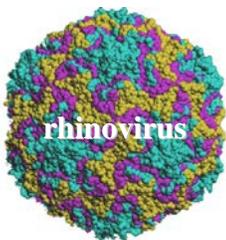
- GML reports a rise in RSV cases for the week beginning 11/16/2012.
- The Centers for Disease Control and Prevention continues to report only **sporadic influenza activity in PA**, with regional activity reported in neighboring New York and Ohio.

## 10X Essentials

The upcoming season's flu vaccine will protect against the three influenza viruses predicted to be most common. The vaccine includes an influenza A (H1N1) virus, an influenza A (H3N2) virus, and an influenza B virus.

### In the news: Influenza A (H3N2) Variant Virus Outbreaks

- Influenza viruses that normally circulate in pigs are called "variant" viruses when they are found in people. Influenza A H3N2 variant viruses (also known as "H3N2v" viruses) were first detected in people in July 2011.
- Most cases of H3N2v infection were identified after exposure to pigs, but rare, human-to-human spread was also detected ([Iowa](#), [West Virginia](#)). Most cases of H3N2v infection occurred in unvaccinated children, mostly mild with symptoms similar to those of seasonal flu.
- People at high risk of serious complications from H3N2v include children younger than 5, people with certain chronic conditions like asthma, diabetes, heart disease, weakened immune systems, pregnant women and people 65 years and older.



## Weekly Summary of Communicable Disease Activity: 2012-2013 Respiratory Season Pathogen Surveillance (RESPView)

Currently, in CDC weeks 56, rhinoviruses still predominate, followed by RSV and parainfluenza viruses. Approximately **40% of samples submitted were positive** for at least one virus.

**Questions:** If you have any questions regarding the newsletter, please contact Interim Microbiology Laboratory Director, Dr. Harold Harrison at 570-271-7443 or me via Christy Attinger at (570) 271-6338.

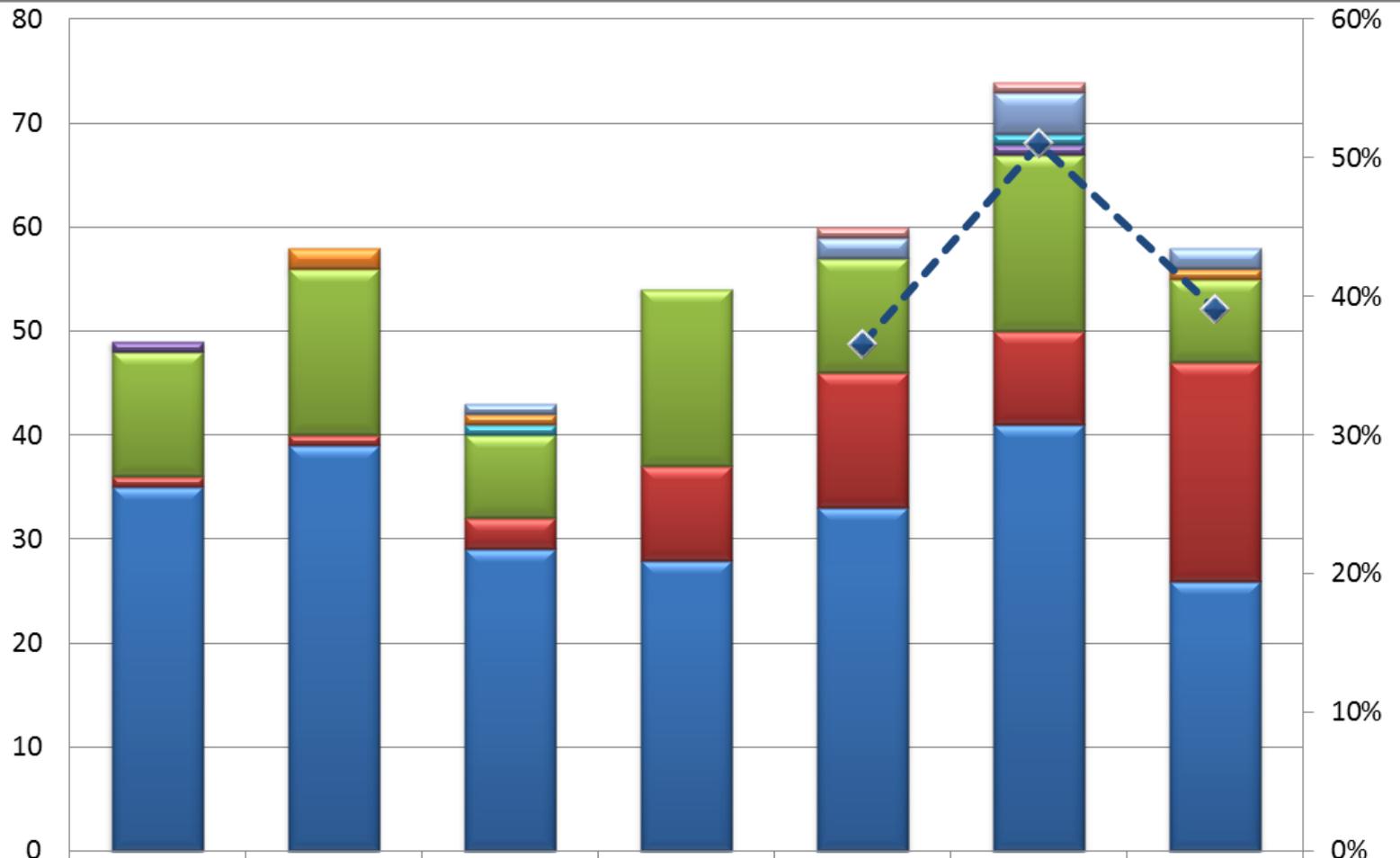
Best regards,

Donna M. Wolk, MHA, Ph.D., D(ABMM)

GML Director of Microbiology, as of January 7, 2013

**GML RespVIEW  
2012-2013**

# Respiratory Viruses



CDC Week 40      41      42      43      44      45      46  
(11/16/2012)

adenovirus	0	0	0	0	1	1	0
coronavirus	0	0	1	0	2	4	2
human metapneumovirus	0	2	1	0	0	0	1
influenza A	0	0	1	0	0	1	0
influenza B	1	0	0	0	0	1	0
parainfluenza	12	16	8	17	11	17	8
respiratory syncytial virus	1	1	3	9	13	9	21
rhinovirus	35	39	29	28	33	41	26
% Positive Rollup					37%	51%	39%

% Positive, All Viruses