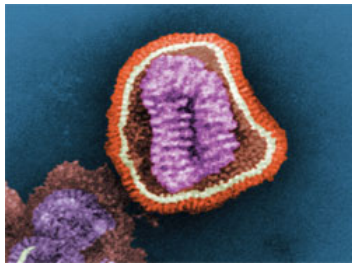


10X Essentials (formerly Bugs-R-Us)

Infectious Disease Diagnostics in the Geisinger Health System

A Publication of Geisinger Medical Laboratories
Vol. (2):1-2, November 19, 2012



Both Types of Influenza Reported

GML reports BOTH types of Influenza (A and B) this week.

- Influenza A was detected during the weeks of October 21 and November 9 and was types as type H3
- Influenza B was detected during week of October 7 and November 9

The Centers for Disease Control and Prevention reports **sporadic influenza activity in PA**, with some local outbreaks reported in our neighbor New York state.

New for 10X Essentials

We are adding a new piece of data to the GML RespVIEW graph. The **newly displayed % Positive Rollup**, [i.e., (positive viruses/total samples submitted)] is depicted by the dotted line graph and is described on the rightmost y axis. The % Positive Rollup serves as a marker for: 1) a near real-time view of the impact of respiratory viruses throughout the system by week, and 2) a surrogate measure of how well we are doing as a system at sampling the correct patients at the correct time without over-sampling our non-infected population. It also provides a quality assurance marker for laboratories.



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

Currently, in CDC weeks 55, rhinoviruses still predominate, followed by parainfluenza viruses and RSV. **Over 50% 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

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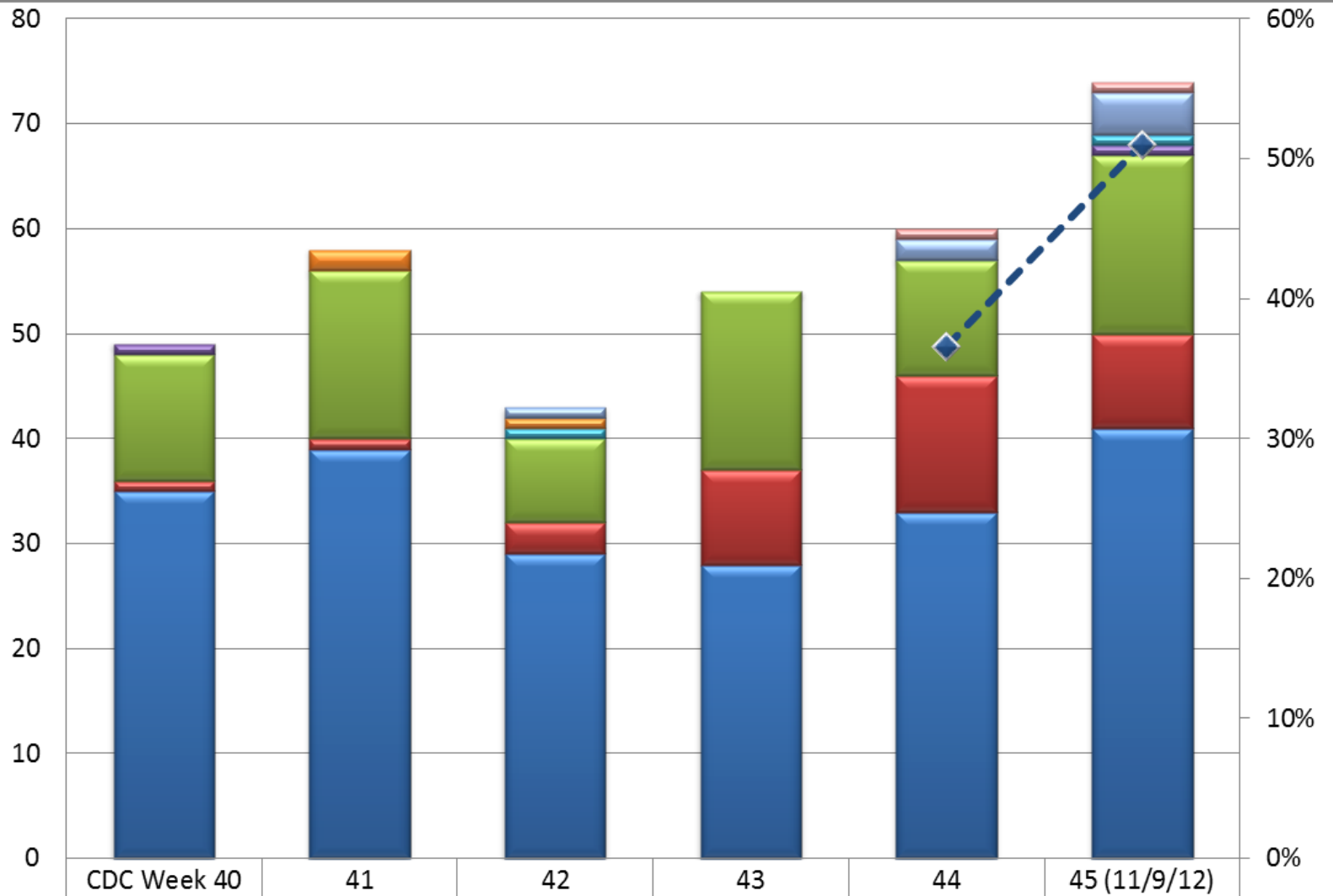
MEDICAL LABORATORIES

"Make it the best." - A. Geisinger

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**GML RespVIEW
2012-2013**

Respiratory Viruses



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

CDC Week 40

41

42

43

44

45 (11/9/12)

0%

10%

20%

30%

40%

50%

60%

% Positive, All Viruses