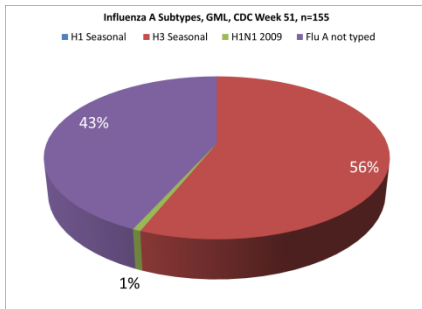


# 10X Essentials

## Infectious Disease Diagnostics in the Geisinger Health System

A Publication of Geisinger Medical Laboratories  
Vol. (7):1-3, December 22, 2012



### Influenza/Respiratory syncytial virus (RSV) Report

- GML reports continued increases in influenza virus activity this week, mostly influenza A, Seasonal H3 (56%), with rare Influenza A, H1N1 reported (1%). Some influenza A viruses (43%) were not typed.
- Influenza B virus and RSV continues to circulate and increase in numbers (refer to bar graph)

**ALERT: The Centers for Disease Control and Prevention reports widespread influenza activity for most of the East Coast.**

### 10X Essentials: Holidays and RSV/Flu season are in Full Swing!

**Remember: Flu A/B/ RSV Direct Assay is a testing option.** Now that influenza and RSV are widespread in our area, we remind all providers of the option to use the **PCRABR test (Flu A/B and RSV Direct Assay)** for outpatient testing when influenza or RSV are most likely. Outpatient sites have two test options, full panel RVPCR or PCRABR, and we've noted a significant number of outpatient sites ordering the full RVPCR panel when **the Flu A/B/ RSV Direct Assay might provide cost-benefit during peak RSV/Flu season.** Feel free to email me your thoughts about your testing options.



**Happy Holidays: The GML Microbiology Laboratory Staff wish you all the best for the winter holiday season and the coming year.**

**We are thankful to join with you in service to our patients.**

"I don't know what your destiny will be, but one thing I know: the only ones among you who will be really happy are those who have sought and found a way to serve." — Albert Schweitzer



### Weekly Summary, RESPView Pathogen Surveillance 2012-2013

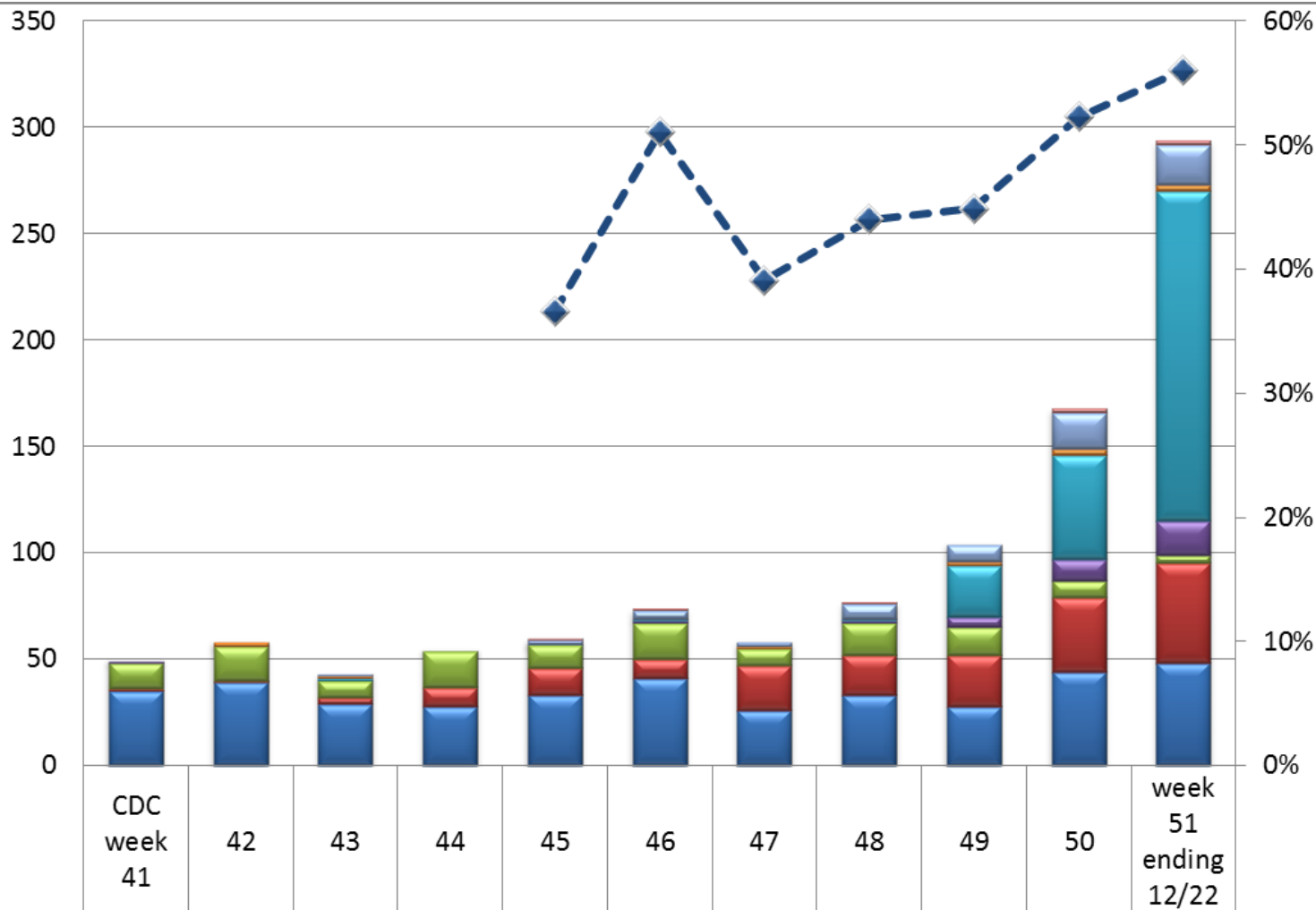
**In CDC weeks 51, ending December 22, 2012, influenza A predominates, followed by RSV and rhinoviruses.** The diversity of viruses is high with representative viruses from all viral groups. A season high of **56% of samples submitted were positive** for at least one virus. ***Mycoplasma pneumonia* continues to circulate at low levels.**

**Questions:** For newsletter questions, 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



% Positive, All Viruses

adenovirus	0	0	0	0	1	1	0	1	0	2	2
coronavirus	0	0	1	0	2	4	2	7	8	17	19
human metapneumovirus	0	2	1	0	0	0	1	0	2	3	3
influenza A	0	0	1	0	0	1	0	1	24	49	155
influenza B	1	0	0	0	0	1	0	1	5	10	16
parainfluenza	12	16	8	17	11	17	8	15	13	8	4
respiratory syncytial virus	1	1	3	9	13	9	21	19	24	35	47
rhinovirus	35	39	29	28	33	41	26	33	28	44	48
% Positive Rollup					37%	51%	39%	44%	45%	52%	56%