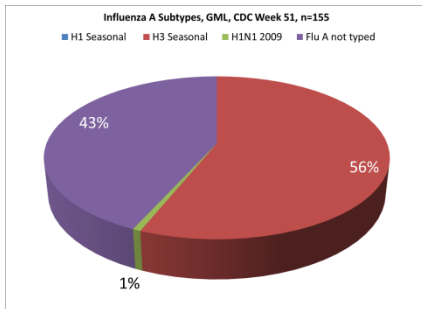


10X Essentials

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

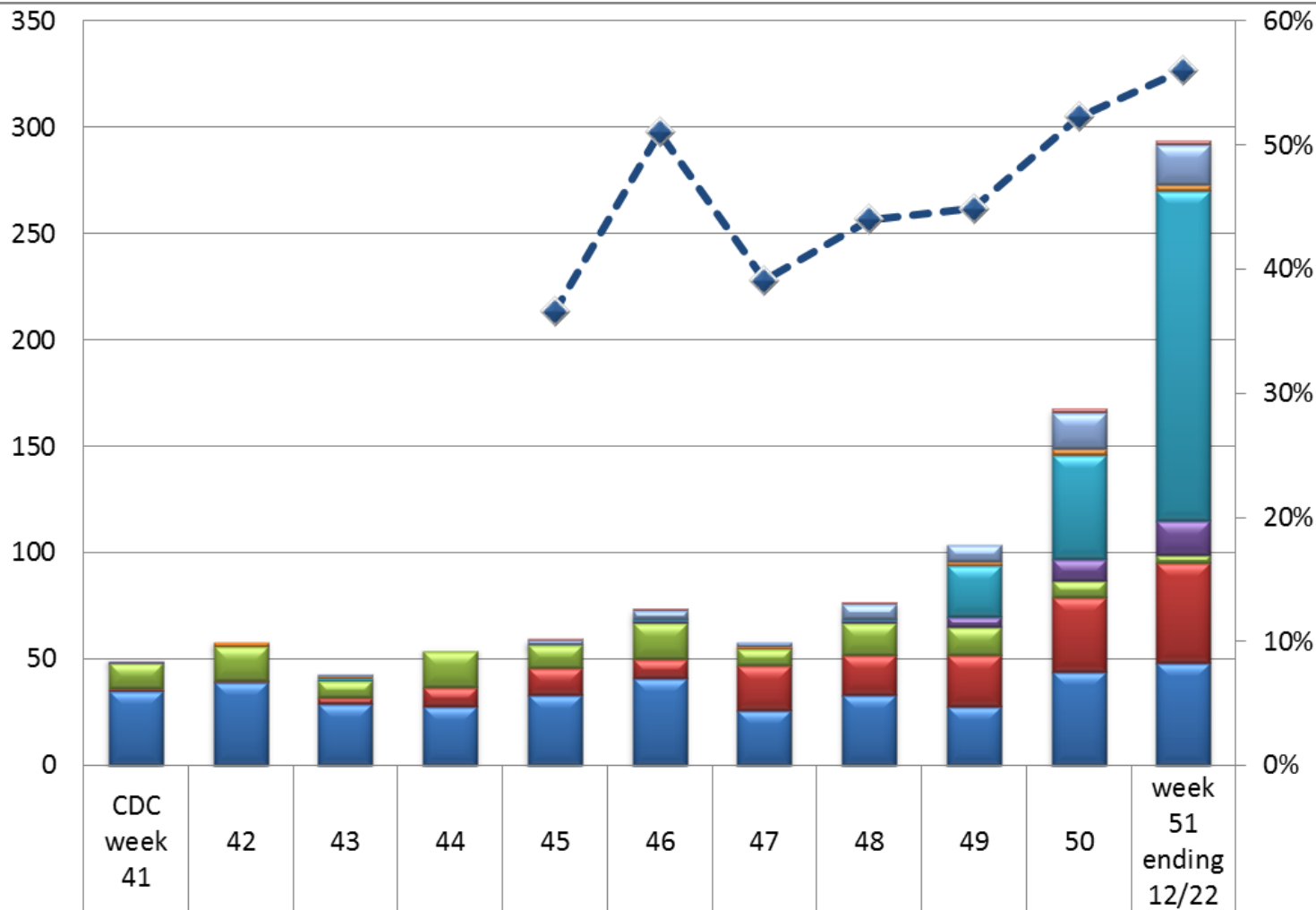
In CDC weeks 51, ending December 22, 2012, **influenza A predominates, followed by RSV and rhinoviruses.** The diversity of viruses is high with representative viruses from all viral groups. A season high of **56% of samples submitted were positive** for at least one virus. ***Mycoplasma pneumonia* continues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