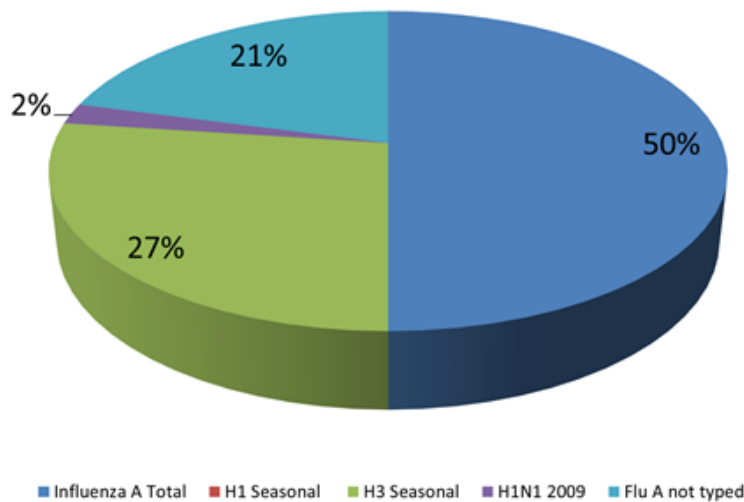


10X Essentials

Infectious Disease Diagnostics in the Geisinger Health System

A Publication of Geisinger Medical Laboratories
Vol. (5):1-3, December 11, 2012

Influenza Subtypes, Geisinger Medical Laboratories, CDC Week 49, n=29



Influenza/Respiratory syncytial virus (RSV) Report

- It's here! GML reports a strong uptick in influenza virus activity this week.
- Influenza isolates are predominantly Influenza A, Seasonal, with a small number of Influenza A, H1N1 reported.
- Influenza B virus is also circulating to a lesser extent than A
- There is still a stable proportion of RSV in our sample set.

ALERT: The Centers for Disease Control and Prevention reports regional influenza activity in PA, with widespread activity in New York and Ohio.

10X Essentials: NEW contact and email as of Jan 7, 2013:

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Geisinger Health System | Department of Laboratory Medicine
100 N Academy Ave MC 01-31 | Danville PA 17822
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Weekly Summary, RESPView 2012-2013, Respiratory Season Pathogen Surveillance

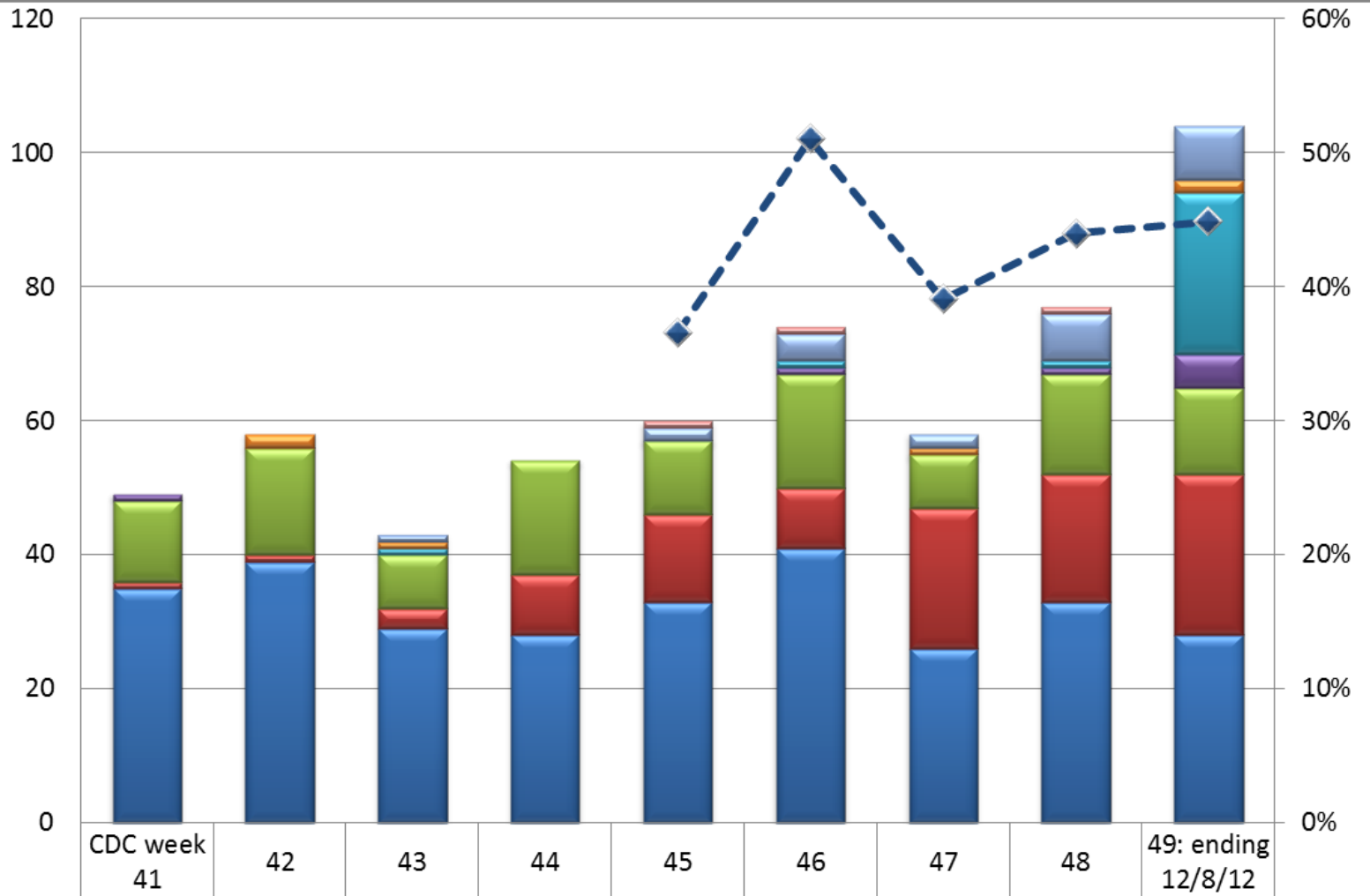
In CDC weeks 49, ending December 8, 2012, influenza now predominates, followed by rhinoviruses and RSV. The diversity of viruses is high with parainfluenza, coronaviruses, and influenza B virus adding to the mix. **45% of samples submitted were positive for at least one virus. The first *Mycoplasma pneumoniae* was detected this week via our new combined viral and testing bacterial panel.**

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



	CDC week 41	42	43	44	45	46	47	48	49: ending 12/8/12
adenovirus	0	0	0	0	1	1	0	1	0
coronavirus	0	0	1	0	2	4	2	7	8
human metapneumovirus	0	2	1	0	0	0	1	0	2
influenza A	0	0	1	0	0	1	0	1	24
influenza B	1	0	0	0	0	1	0	1	5
parainfluenza	12	16	8	17	11	17	8	15	13
respiratory syncytial virus	1	1	3	9	13	9	21	19	24
rhinovirus	35	39	29	28	33	41	26	33	28
% Positive Rollup					37%	51%	39%	44%	45%