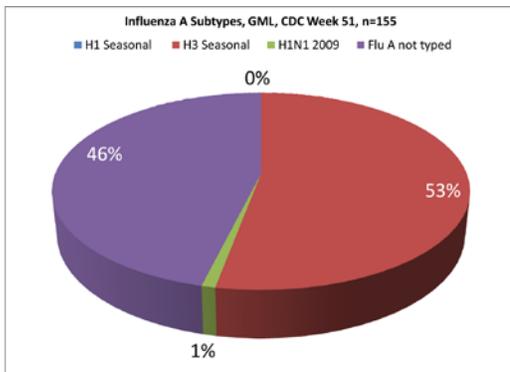


10X Essentials

Infectious Disease Diagnostics in the Geisinger Health System

A Publication of Geisinger Medical Laboratories
Vol. (8):1-3, December 29, 2012



Influenza/Respiratory syncytial virus (RSV) Report

- GML reports continued increases in influenza virus activity this week, keeping with the trend for **influenza A, Seasonal H3 (98% of all those typed)** with rare Influenza A, H1N1 reported. Some influenza A viruses (46%) were not typed.
- Influenza B virus and RSV continues to circulate and RSV is increasing (refer to bar graph)

ALERT: The Centers for Disease Control and Prevention reports widespread influenza activity in 30 of 50 states.

10X Essentials: CDC Influenza Application for Health Care

- View updated information on national flu activity
- Find influenza vaccination recommendations endorsed by CDC and the Advisory Committee on Immunization Practices (ACIP)
- Obtain information on diagnosis and treatment of influenza, including antiviral treatment recommendations by CDC and the ACIP
- Obtain information on laboratory testing for influenza
- Find CDC recommendations on influenza infection control
- View videos of CDC subject matter experts discussing influenza topics

<http://www.cdc.gov/flu/apps/cdc-influenza-hcp.html>



Happy New Year: The GML Microbiology Laboratory Staff wish you the best in 2013.



Weekly Summary, RESPView Pathogen Surveillance 2012-2013

In CDC weeks 52, ending December 29, 2012, **influenza A predominates, followed by RSV and rhinoviruses. Coronaviruses are also on the rise.** The diversity of viruses is high with representative viruses from all viral groups. Another season high of **63% 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.

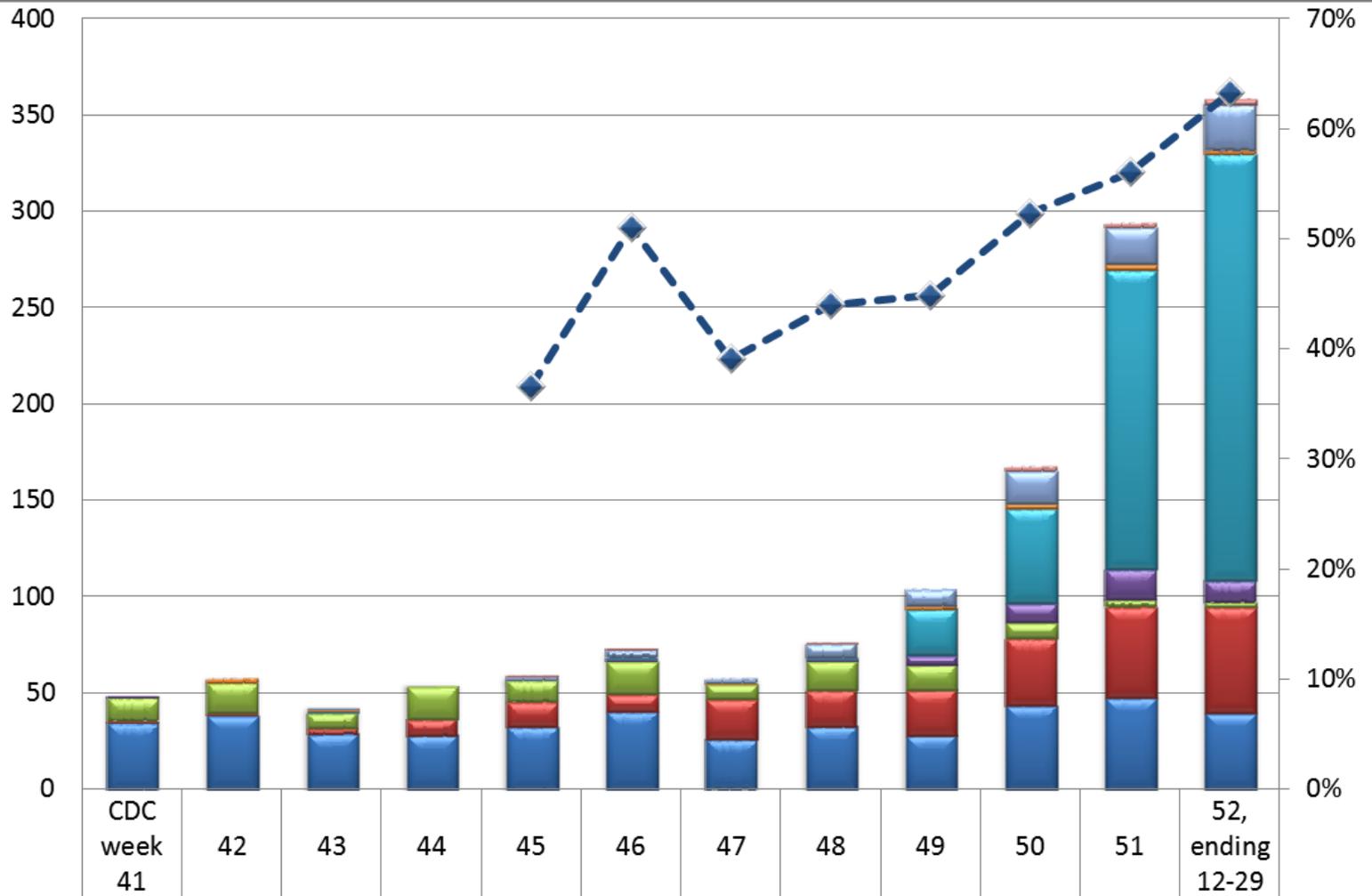
Best regards, Donna M. Wolk, MHA, Ph.D., D(ABMM), GML Director of Microbiology, as of January 7, 2013

GEISINGER
MEDICAL LABORATORIES

"Make it the best." - A. Geisinger

GML RespVIEW 2012-2013

Respiratory Viruses



% Positive, All Viruses

adenovirus	0	0	0	0	1	1	0	1	0	2	2	3
coronavirus	0	0	1	0	2	4	2	7	8	17	19	24
human metapneumovirus	0	2	1	0	0	0	1	0	2	3	3	2
influenza A	0	0	1	0	0	1	0	1	24	49	155	221
influenza B	1	0	0	0	0	1	0	1	5	10	16	11
parainfluenza	12	16	8	17	11	17	8	15	13	8	4	3
respiratory syncytial virus	1	1	3	9	13	9	21	19	24	35	47	55
rhinovirus	35	39	29	28	33	41	26	33	28	44	48	40
- % Positive Rollup					37%	51%	39%	44%	45%	52%	56%	63%