

WISCONSIN DEPARTMENT OF HEALTH SERVICES





Respiratory virus surveillance report for the week ending October 15, 2011, week 11-41

AT-A-GLANCE

- Respiratory viruses identified this week:
 Parainfluenza 1 and rhinovirus/enterovirus are predominant
- Influenza-like illness (ILI) activity for this week

Wisconsin Low
Wisconsin (CDC level) Minimal
Western Region Low
Northern Region Low
Northeastern Region Low
Southeastern Region Low
Southern Region Low

- ILI activity in Region V of the U.S. (WI, MN, IL, MI, OH, IN) is below baseline levels
- ILI activity in the U.S. is below baseline levels
- The Predictive Value Positive (PVP) for rapid influenza tests is: low (PVP is the probability of disease in a patient with a positive test result)
- The Predictive Value Negative (PVN) for rapid influenza tests is: high (PVN is the probability of not having disease when the test result is negative)
- Influenza-associated pediatric deaths (October 8, 2011-present)

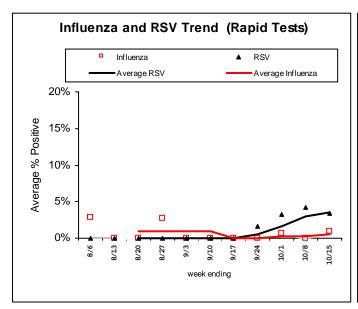
	Week 11-41	Total to Date
Wisconsin	0	0
United States	0	0

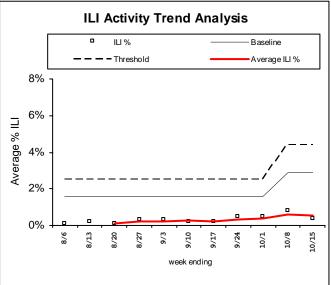
WISCONSIN and REGIONAL SUMMARIES

(Trend analysis based on 3-week moving averages)

Wisconsin (ILI activity is Low)

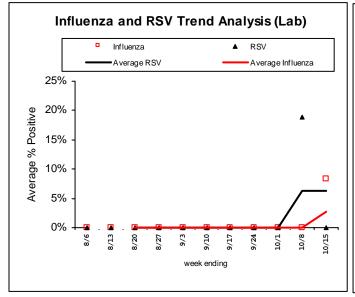
INFLUENZA RAPID ANTIGEN TESTS					RSV RAPID ANTIGEN TESTS			INFLUENZA-LIKE ILLNESS		
Tested	Positive			% Positive	Tested	Positive	% Positive	ILI %	Baseline	Threshold
100100	Flu A	Flu A Flu B Total		70 1 0011110	100100	1 0011110	70 1 0011110	121 70	Daooiiiio	THIODHOIG
208	2 0 2			1.0%	87	3	3.4%	0.4%	2.9%	4.4%

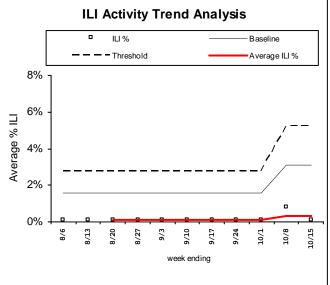




Northern Region (ILI activity is Low)

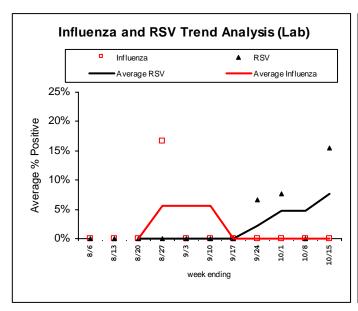
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Tested	Positive		% Positive	Tested	Positive	% Positive	ILI %	Baseline	Threshold		
	Flu A	Flu A Flu B Total		70 . 000	. 00100		70 1 0011110	,	20000		
12	1	0	1	8.3%	13	0	0	0.1%	3.1%	5.2%	

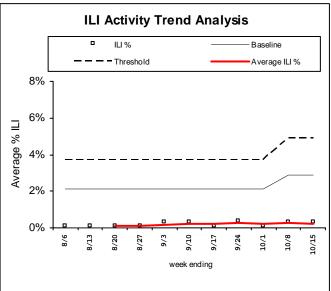




Western Region (ILI activity is Low)

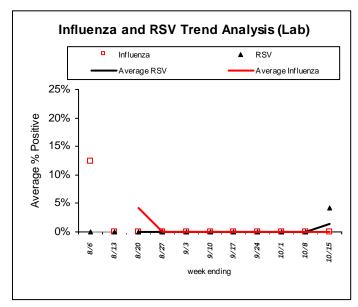
INFLUENZA RAPID ANTIGEN TESTS					RSV RAPID ANTIGEN TESTS			INFLUENZA-LIKE ILLNESS		
Tested	Positive			% Positive	Tested	Positive	% Positive	ILI %	Baseline	Threshold
100100	Flu A	Flu A Flu B Total		70 1 0011110	100100	1 0011110	70 1 0011110	121 70	Daooiiiio	Thiodhold
31	0 0 0		0%	13	2	15.4%	0.3%	2.9%	4.9%	

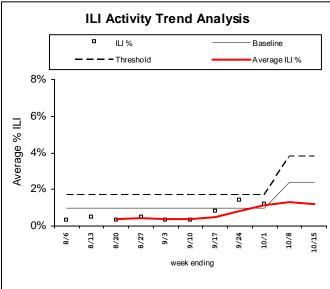




Northeastern Region (ILI activity is Low)

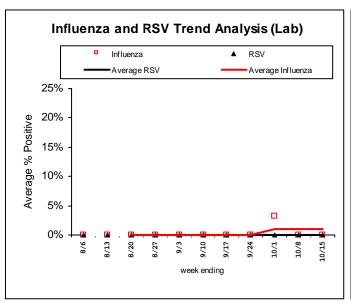
INFLUENZA RAPID ANTIGEN TESTS					RSV RAPID ANTIGEN TESTS			INFLUENZA-LIKE ILLNESS		
Tested	Positive %			% Positive	Tested	sted Positive	% Positive	ILI %	Baseline	Threshold
100.00	Flu A	Flu B	Total	701 0011110	. 00100	1 0011110	70 1 0011110	12.70	Bassinis	5511010
77	0 0 0			0%	24	1	4.2%	1.0%	2.4%	3.8%

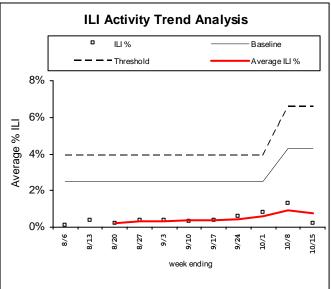




Southern Region (ILI activity is Low)

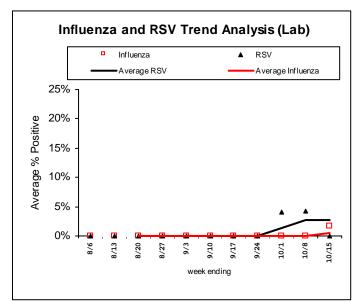
INFLUENZA RAPID ANTIGEN TESTS					RSV RAPID ANTIGEN TESTS			INFLUENZA-LIKE ILLNESS			
Tested	Positive % Positive			Tested	Positive	% Positive	ILI %	Baseline	Threshold		
100100	Flu A	lu A Flu B Total		70 1 0011110	100100	1 0011110	70 1 0011110	121 70	Daooiiiio	Triiodridia	
29	0	0 0		0%	18	0	0%	0.2%	4.3%	6.6%	

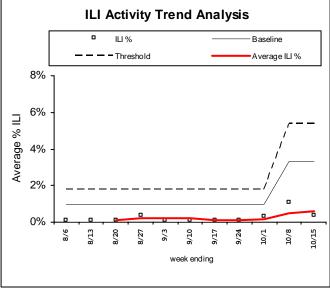




Southeastern Region (ILI activity is Low)

INFLUENZA RAPID ANTIGEN TESTS					RSV RAPID ANTIGEN TESTS			INFLUENZA-LIKE ILLNESS			
Tested	Positive %		% Positive	Tested	Positive	% Positive	ILI %	Baseline	Threshold		
100100	Flu A	Flu A Flu B Total		70 1 0011110	100100	1 0011110	70 1 0011170	121 70	Bacomic	rinconord	
59	1 0 1			1.7%	19	0	0%	0.4%	3.4%	5.5%	

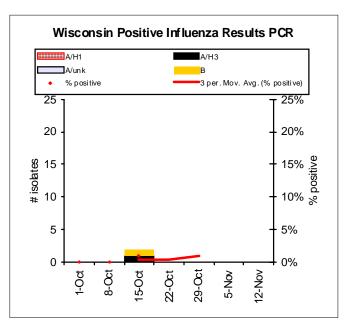


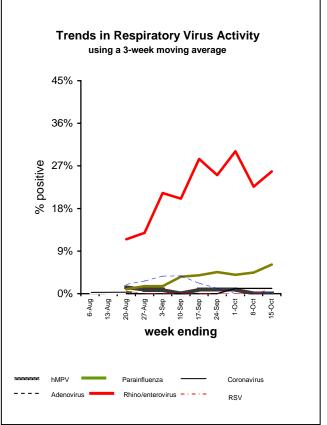


LABORATORY SURVEILLANCE FOR RESPIRATORY VIRUSES (PCR)

Respiratory Agent	Tested	Positive	% Positive	Flu A (H1)	Flu A (H3)	Flu A (Unk)	Flu B
Influenza	220	2	0.9%	0	1	0	1
Respiratory Agent	Tested	Positive	% Positive	P1	P2	Р3	P4
Parainfluenza	98	7	7.1%	5	1	0	1
Respiratory Agent	Tested	Positive	% Positive	CoV-229E	CoV-OC43	CoV-NL63	CoV-HKU1
Coronavirus	26	0	0%	0	0	0	0

Respiratory Agent	Tested	Positive	% Positive
RSV	103	3	2.9%
Human Metapneumovirus	47	0	0%
Rhino-entero	38	12	31.6%
Adenovirus	38	0	0%





Cumulative number of positive influenza tests By subtype, October 1, 2011 to present

	2009 A/H1	A/H3	A/Unknown	В	Total
Total Number positive	0	1	0	1	2
% of Total number positive	0	50	0	50	100

Influenza-associated Hospitalizations, October 1, 2011 to present

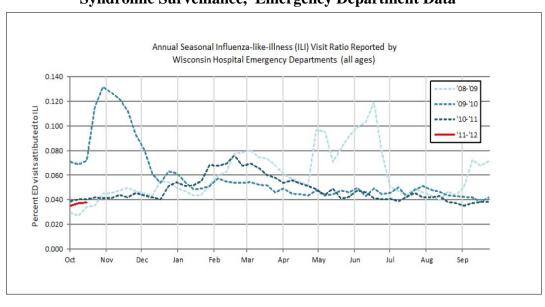
New hospitalizations this week 1

	Total Number		Influenza	Subtypes		Admitted	Required Mechanical
Age Group	Reported (year)	A/H1	A/H3	A/Unknown	В	to ICU	Ventilation
< 1 year	0	0	0	0	0	0	0
0 to 4*	0	0	0	0	0	0	0
5 to 17	0	0	0	0	0	0	0
18 to 49	0	0	0	0	0	0	0
50 to 64	0	0	0	0	0	0	0
65 and over	1	0	0	1	0	0	0
Total	1	0	0	1	0	0	0

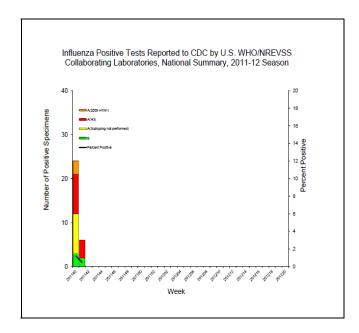
Influenza Hospitalizations, by week and age group Cumulative rate /100,000

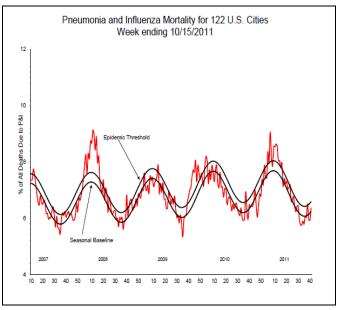
This graph will be updated as the season progresses

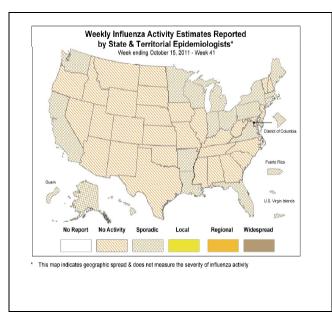
Syndromic Surveillance, Emergency Department Data

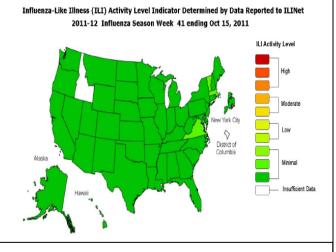


NATIONAL INFLUENZA SURVEILLANCE









*This map uses the proportion of outpatient visits to health care providers for influenza-like illness to measure the ILI activity level within a state. It does not, however, measure the extent of geographic spread of flu within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.