



2011-12 North Dakota Weekly Influenza Update

Editor: Lindsey VanderBusch

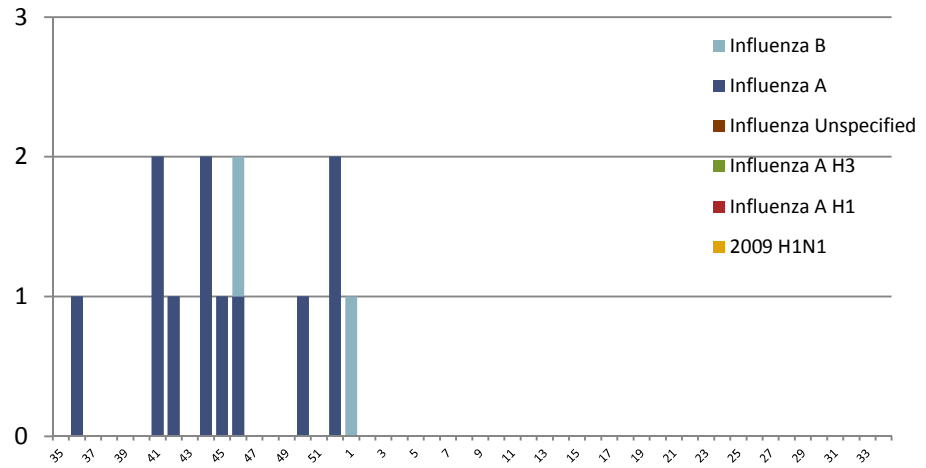
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Week: 2

Friday, January 20, 2012

13 Total Influenza Cases
0 Hospitalizations
0 Deaths

Cases of Influenza by Subtype by Week



Current Summary:

Influenza activity in North Dakota is **SPORATIC**.

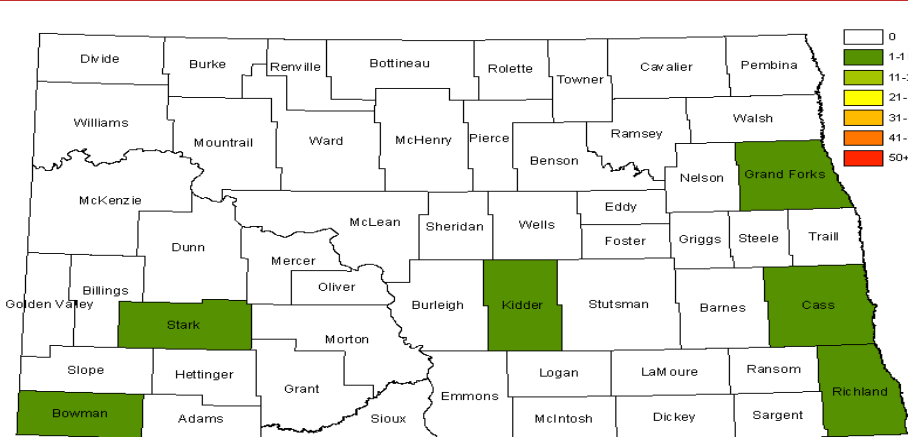
Outpatient ILI Surveillance is below baseline at 0.65% of visits.

There currently have been no deaths related directly to influenza this year (September 1, 2011 to present).

Respiratory Viruses

	Current Week	Total
RSV A	0	0
RSV B	0	1
Rhinovirus	0	8
Adenovirus	0	2
Parainfluenza Virus 1	0	2
Parainfluenza Virus 2	0	0
Parainfluenza Virus 3	0	1

Influenza Cases by County



Cases by Gender

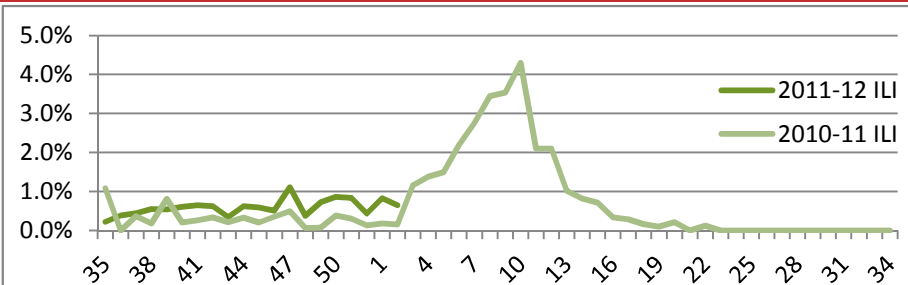
Female	6
Male	7

Outpatient Illness Surveillance--Influenza-like Illness

Week	% ILI	0-4	5-24	25-49	50-64	65+
52	0.44%	7	4	2	1	2
1	0.83%	16	6	7	1	2
2	0.65%	14	3	4	0	3

Cases by Age Group

<10	4
10-19	2
20-29	0
30-39	0
40-49	3
50-59	3
60+	1
TOTAL	13



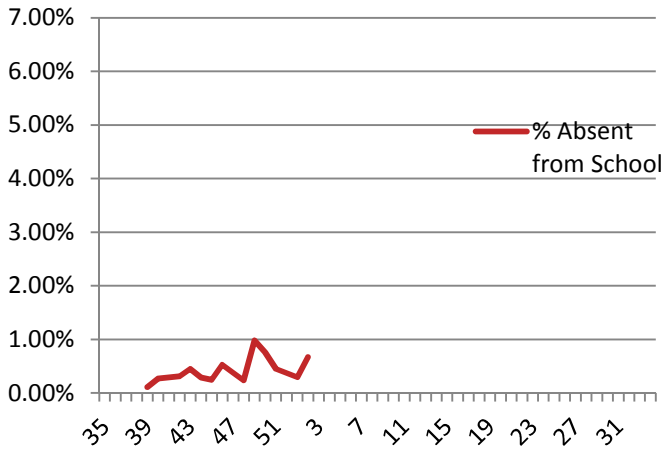
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North Dakota School Surveillance



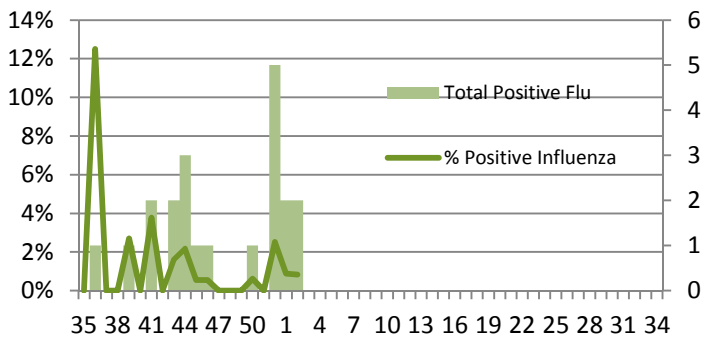
North Dakota School Surveillance:

-- 4 Schools Reporting

-- Percent Absent due to illness for this week is well below what would be considered significant absenteeism.

-- If your school would be willing to participate in our surveillance, please contact Lindsey VanderBusch, lvanderbusch@nd.gov.

Sentinel Laboratories--Influenza



Sentinel Laboratory Surveillance

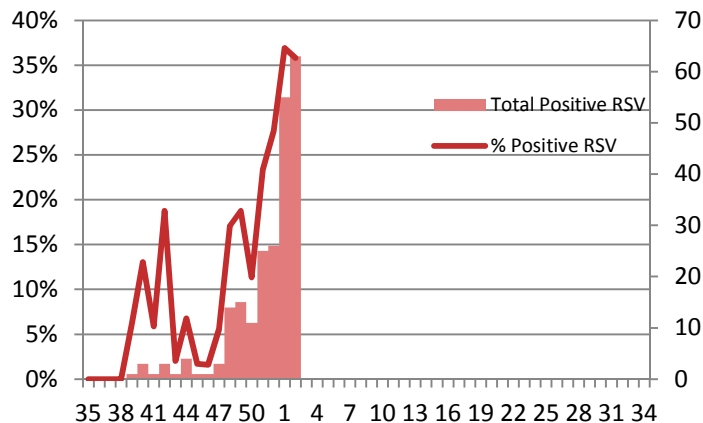
-- 14 North Dakota Laboratories Reporting

-- The number of percent positive on influenza tests remains low.

-- Reminder, when influenza activity is low, the positive predictive value of the tests are low. This means that the possibility of false positives are high.

*These data do not represent all laboratory results for influenza.

Sentinel Laboratories--RSV



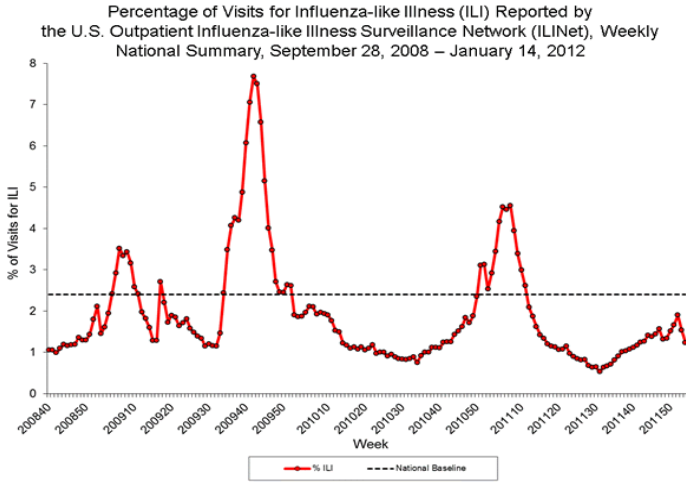
National Update



Week: 2

Friday, January 20, 2012

Influenza-like Illness--National Graph



National Updates

During week 2 (January 8-14, 2012), influenza activity in the United States remained relatively low.

U.S. Virologic Surveillance: Of the 3,771 specimens tested by U.S. World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories and reported to CDC/Influenza Division, 138 (3.7%) were positive for influenza.

Pneumonia and Influenza (P&I) Mortality Surveillance: The proportion of deaths attributed to P&I was below the epidemic threshold.

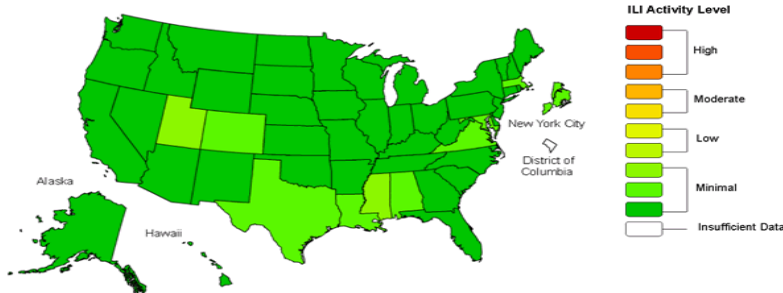
Influenza-associated Pediatric Mortality: No influenza-associated pediatric deaths were reported.

Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 1.2%, which is below the national baseline of 2.4%. All 10 regions reported ILI below region-specific baseline levels. New York City and all 50 states experienced minimal ILI activity and the District of Columbia had insufficient data.

Geographic Spread of Influenza: The geographic spread of influenza in one state was reported as regional; eight states reported local activity; Puerto Rico and 38 states reported sporadic activity, and the District of Columbia, Guam, the U.S. Virgin Islands, and three states reported no influenza activity.

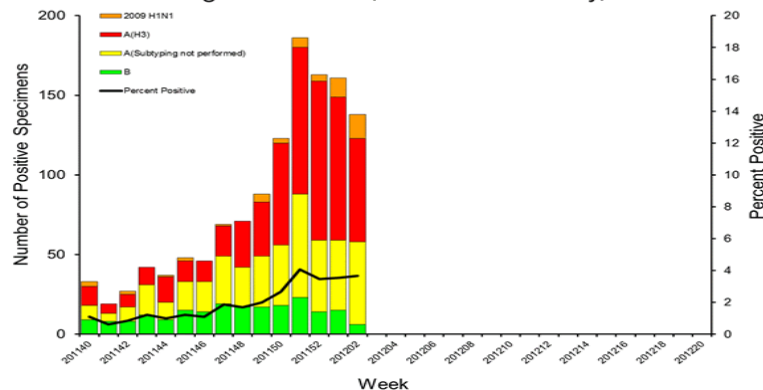
Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 2 ending Jan 14, 2012



Influenza Positive Lab Tests--National

Influenza Positive Tests Reported to CDC by U.S. WHO/NREVSS Collaborating Laboratories, National Summary, 2011-12



Influenza Positive Lab Tests--National

	Week 2
Number of Specimens Tested	3,771
Number of Positive Specimens	138 (3.7%)
Positive by Subtype	
Influenza A	132 (95.7%)
A (2009 H1N1)	15
A (H1)	0
A (H3)	65
A (Untyped)	52
Influenza B	6 (4.3%)