



2011-12 North Dakota Weekly Influenza Update

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Week: 3

Tuesday, January 31, 2012

23 Total Influenza Cases

0 Hospitalizations

0 Deaths

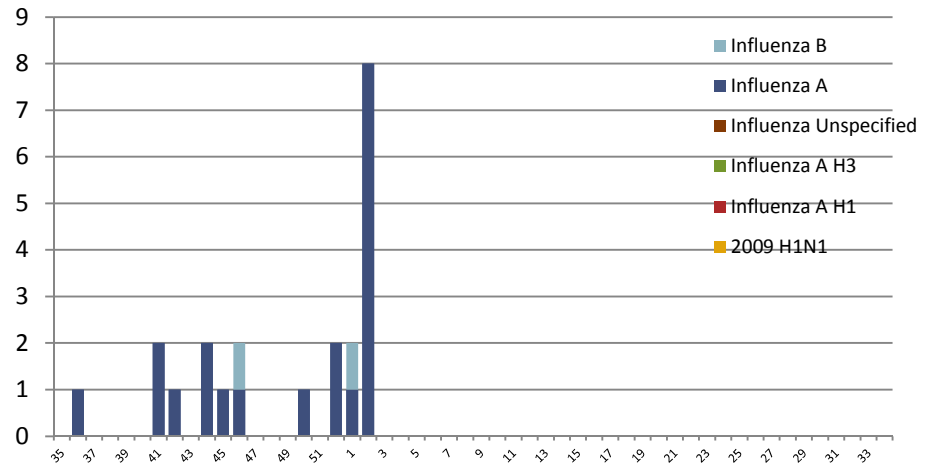
Current Summary:

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

Outpatient ILI Surveillance is below baseline at 0.82% of visits.

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

Cases of Influenza by Subtype by Week

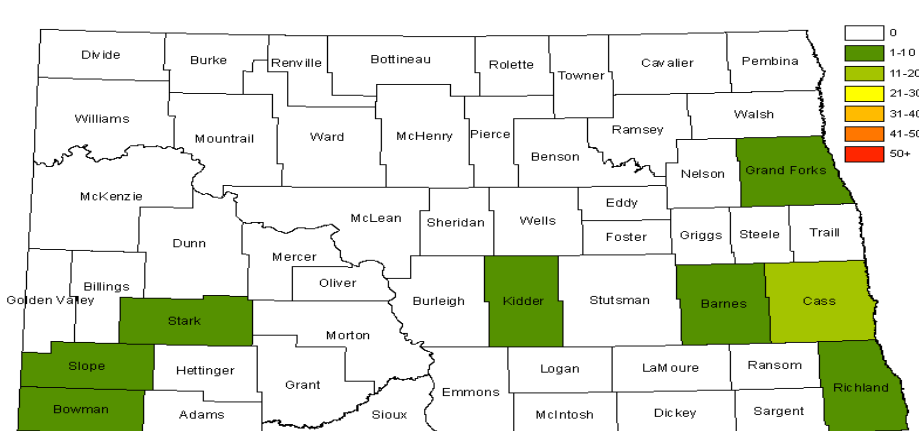


Respiratory Viruses

	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

*Only providers participating in IISP have specimens tested for these viruses.

Influenza Cases by County



Cases by Gender

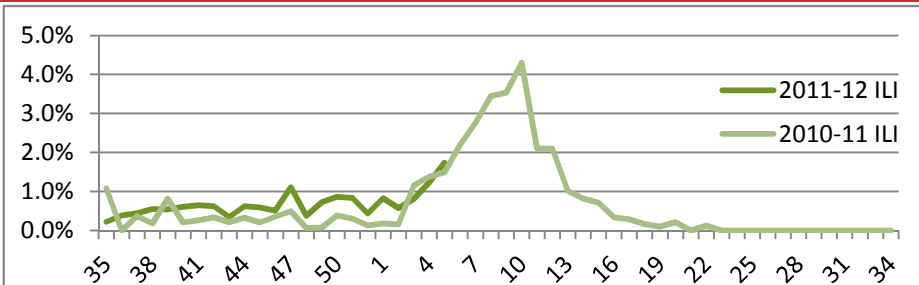
Female	9
Male	14

Outpatient Illness Surveillance--Influenza-like Illness

Week	% ILI	0-4	5-24	25-49	50-64	65+
1	0.83%	16	6	7	1	2
2	0.58%	14	3	4	0	3
3	0.82%	13	8	9	0	2

Cases by Age Group

<10	7
10-19	5
20-29	2
30-39	1
40-49	3
50-59	3
60+	2
TOTAL	23



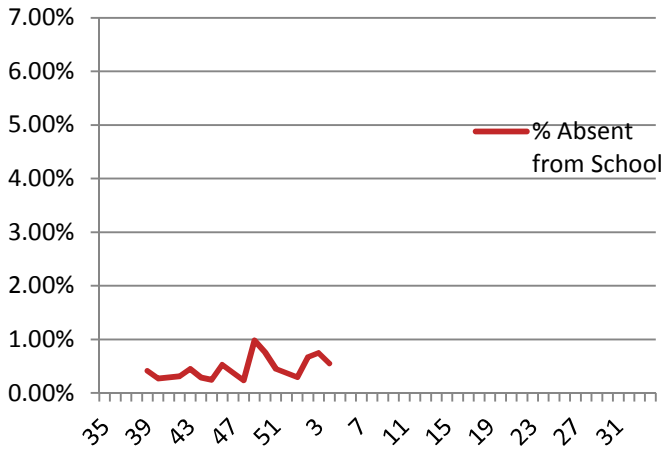
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North Dakota School Surveillance



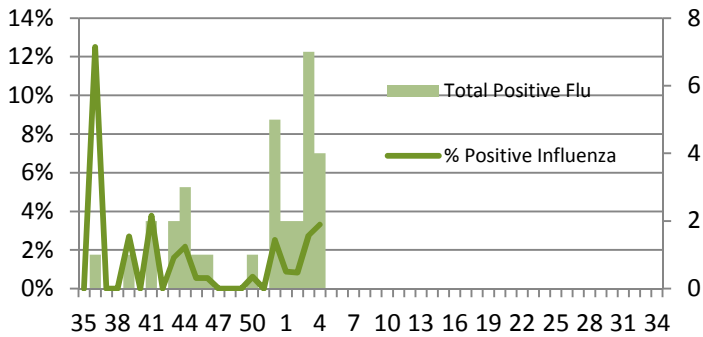
North Dakota School Surveillance:

-- 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

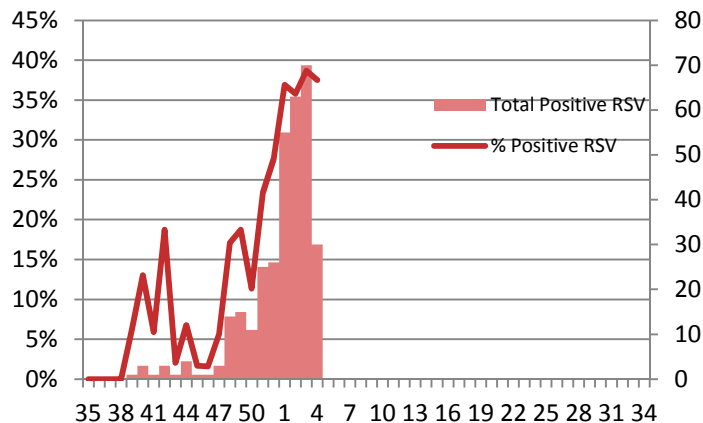
-- 15 North Dakota Laboratories Reporting

-- 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



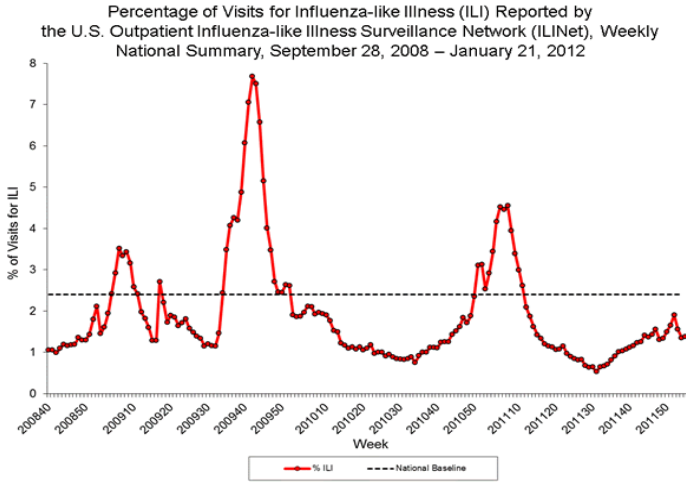
National Update



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Influenza-like Illness--National Graph



National Updates

During week 3 (January 15-21, 2012), influenza activity in the United States remained relatively low.

U.S. Virologic Surveillance: Of the 3,572 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, 175 (4.9%) were positive for influenza.

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

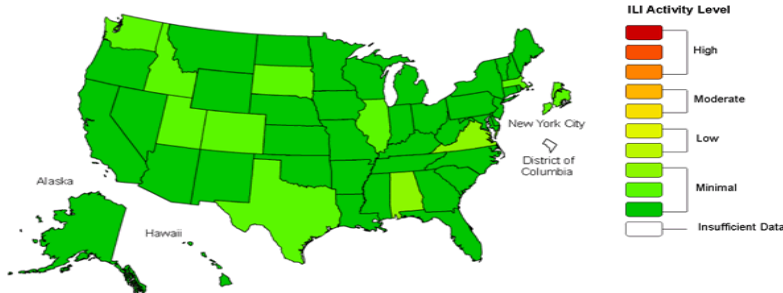
Influenza-associated Pediatric Mortality: One influenza-associated pediatric death was reported and was associated with an influenza B virus infection.

Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 1.4%, 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 four states was reported as regional; eight states reported local activity; Guam and 35 states reported sporadic activity; the U.S. Virgin Islands and three states reported no influenza activity, and the District of Columbia and Puerto Rico did not report.

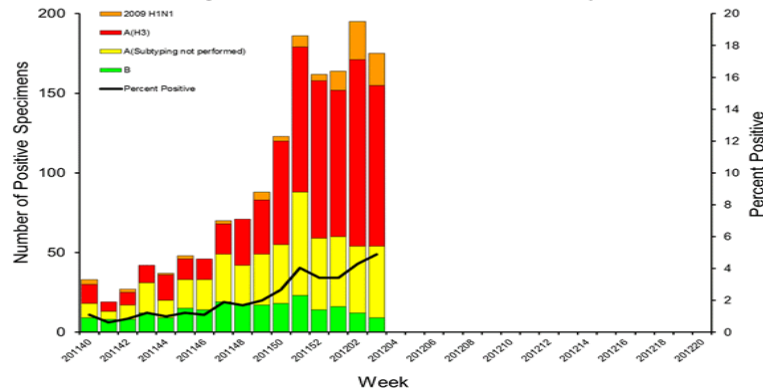
Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 3 ending Jan 21, 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 3
Number of Specimens Tested	3,572
Number of Positive Specimens	175 (4.9%)
Positive by Subtype	
Influenza A	166 (94.9%)
A (2009 H1N1)	20
A (H1)	0
A (H3)	101
A (Untyped)	45
Influenza B	9 (5.1%)