

2011-12 North Dakota Weekly Influenza Update



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Week: 10

Tuesday, March 20, 2012

232 Total Influenza Cases

4 Hospitalizations

0 Deaths

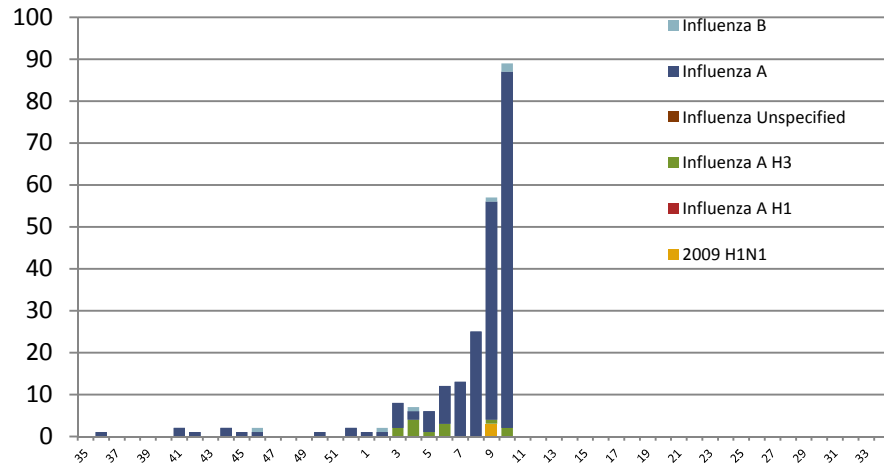
Current Summary:

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

Outpatient ILI Surveillance is increasing and above baseline at 2.35%

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

Cases of Influenza by Subtype by Week

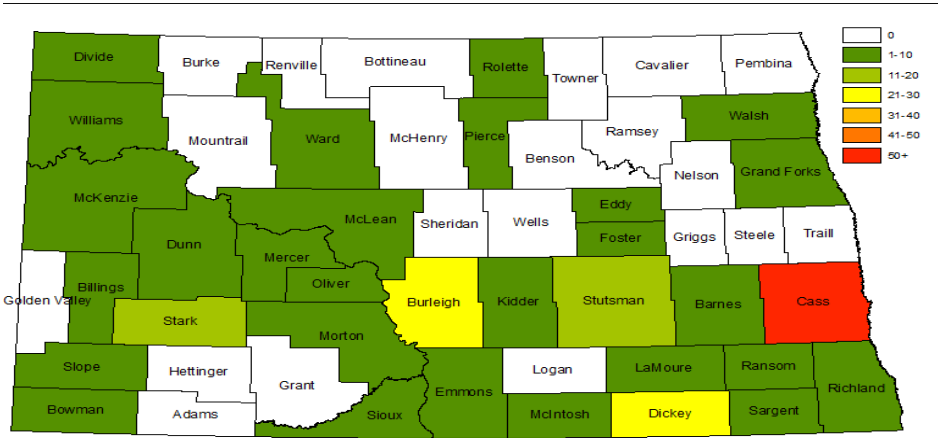


Respiratory Viruses

	Total
RSV A	3
RSV B	1
Rhinovirus	9
Adenovirus	2
Parainfluenza Virus	3
Human Metapneumovirus	4

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

Influenza Cases by County



Cases by Gender

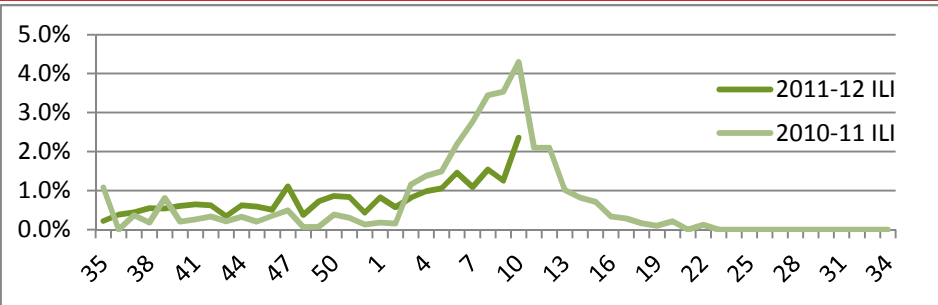
Female	118
Male	114

Outpatient Illness Surveillance--Influenza-like Illness

Week	% ILI	0-4	5-24	25-49	50-64	65+
8	1.55%	37	13	9	3	3
9	1.26%	20	6	12	5	3
10	2.35%	17	17	17	4	1

Cases by Age Group

<10	62
10-19	34
20-29	31
30-39	28
40-49	17
50-59	31
60+	28
TOTAL	231



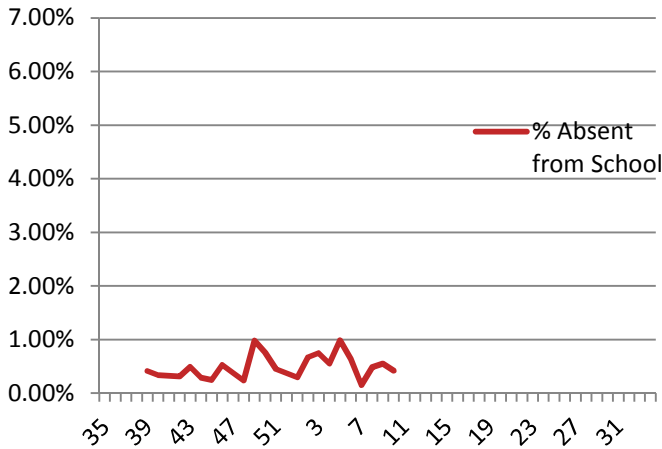
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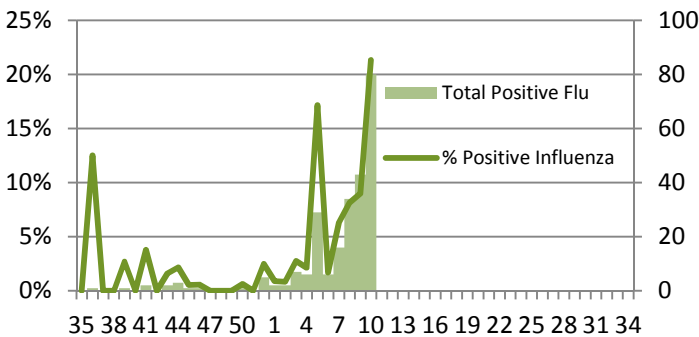
North Dakota School Surveillance



North Dakota School Surveillance:

- 5 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

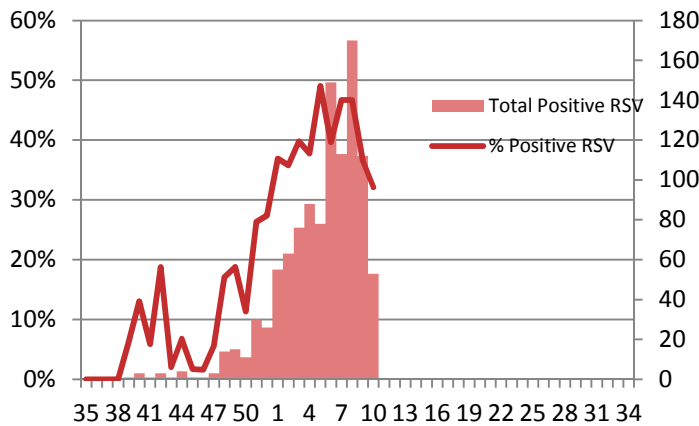


Sentinel Laboratory Surveillance

- 15 North Dakota Laboratories Reporting
- The number of percent positive on influenza tests is on the increase.
- RSV continues to rise and should remain a possibility for ILI diagnosis.

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

Sentinel Laboratories--RSV



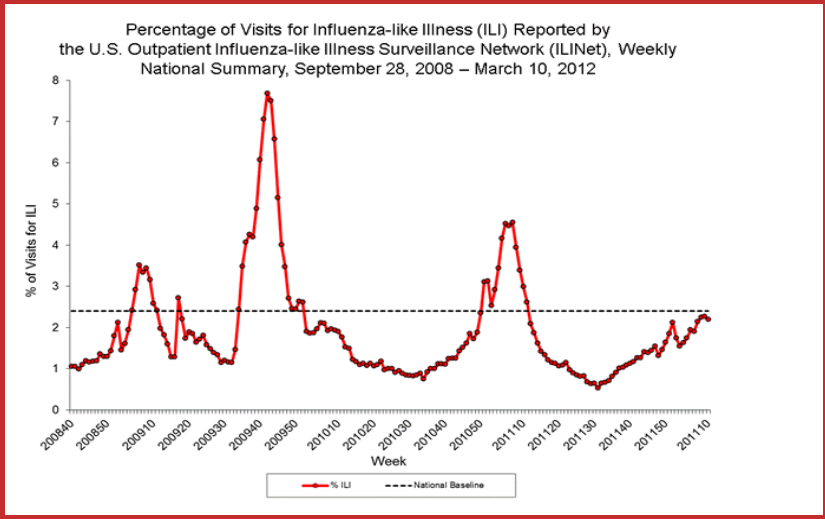
National Update



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Influenza-like Illness--National Graph



National Updates

During week 10 (March 4-10, 2012), influenza activity remained elevated in some areas of the United States, but influenza-like-illness continued to be relatively low nationally.

U.S. Virologic Surveillance: Of the 4,742 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, 1,099 (23.2%) were positive for influenza.

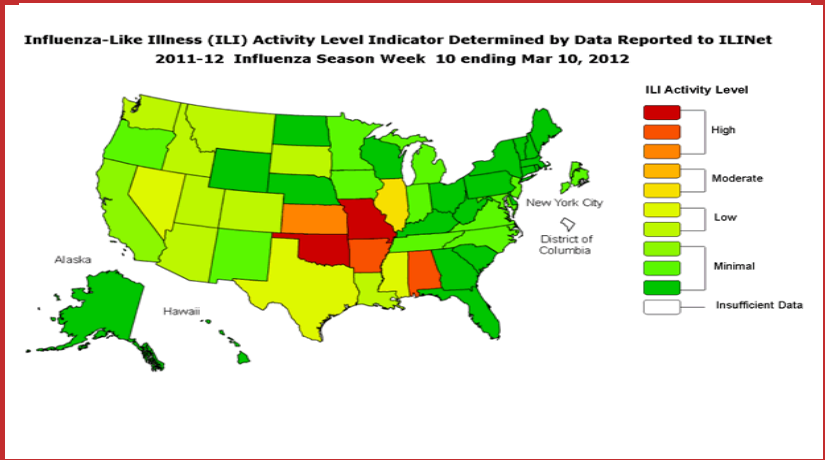
Pneumonia and Influenza (P&I) Mortality Surveillance: The proportion of deaths attributed to P&I was below the epidemic threshold.

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

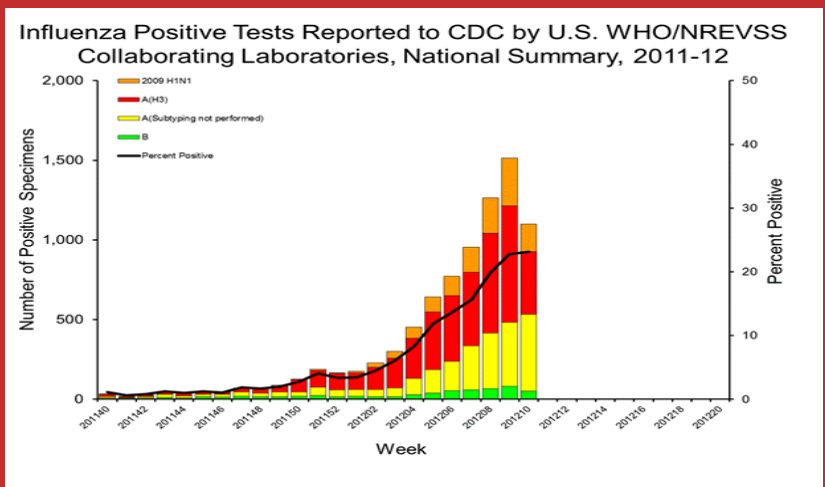
Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 2.2%, which is below the national baseline of 2.4%. Regions 5, 7, and 10 reported ILI above region-specific baseline levels. Five states experienced high ILI activity; 1 state experienced moderate ILI activity; 11 states experienced low ILI activity; New York City and 33 states experienced minimal ILI activity, and the District of Columbia had insufficient data to calculate ILI activity.

Geographic Spread of Influenza: Fifteen states reported widespread geographic activity; 22 states reported regional influenza activity; 3 states reported local activity; the District of Columbia, Puerto Rico, and 10 states reported sporadic activity, and Guam and the U.S. Virgin Islands reported no influenza activity.

Influenza-like Illness--National Map



Influenza Positive Lab Tests---National



Influenza Positive Lab Tests--National

Number of Specimens Tested	Week 9 4,776
Number of Positive Specimens	1019 (21.3%)
Positive by Subtype	
Influenza A	965
A (2009 H1N1)	221
A (H1)	0
A (H3)	388
A (Untyped)	366
Influenza B	54