

2011-12 North Dakota Weekly Influenza Update



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Week: 11

Tuesday, March 27, 2012

365 Total Influenza Cases

17 Hospitalizations

0 Deaths

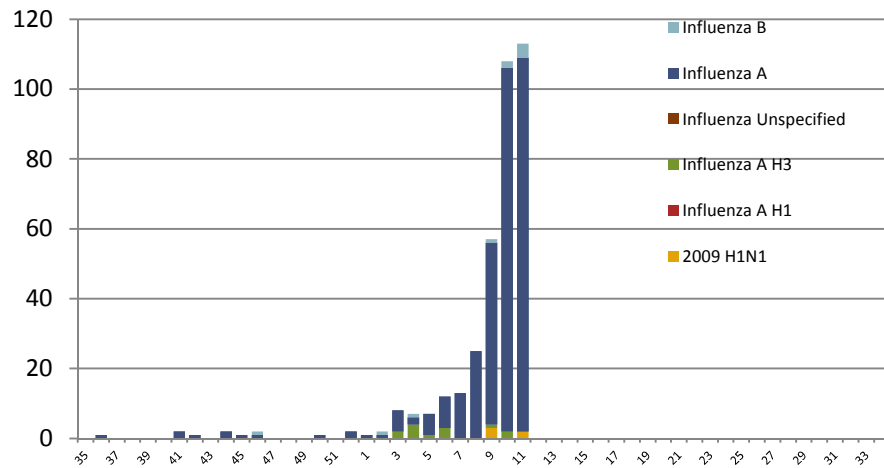
Current Summary:

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

Outpatient ILI Surveillance is increasing and above baseline at 2.75%

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

Cases of Influenza by Subtype by Week

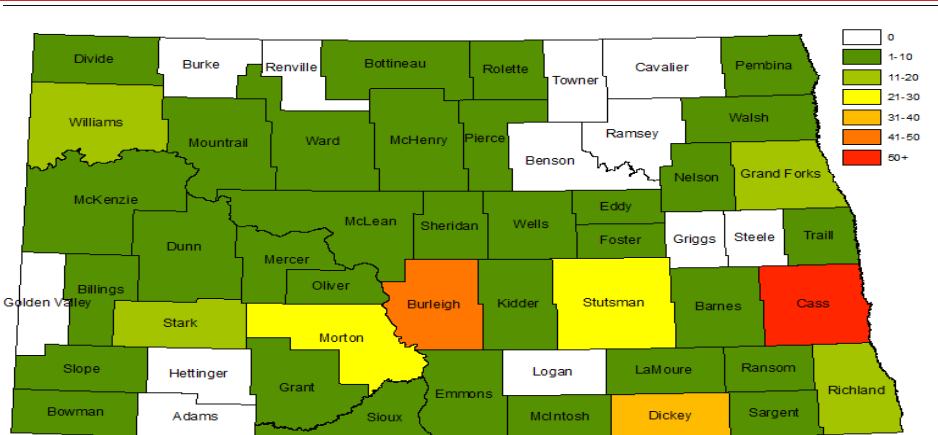


Respiratory Viruses

	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

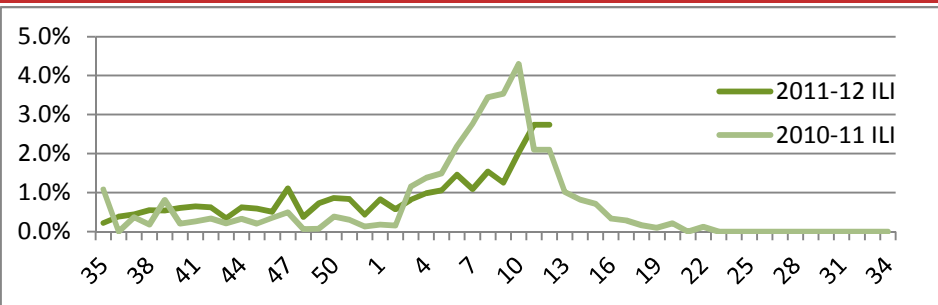
Female	182
Male	183

Outpatient Illness Surveillance--Influenza-like Illness

Week	% ILI	0-4	5-24	25-49	50-64	65+
9	1.26%	20	6	12	5	3
10	2.03%	17	17	17	4	1
11	2.75%	19	16	7	4	6

Cases by Age Group

<10	106
10-19	51
20-29	50
30-39	44
40-49	30
50-59	41
60+	43
TOTAL	365



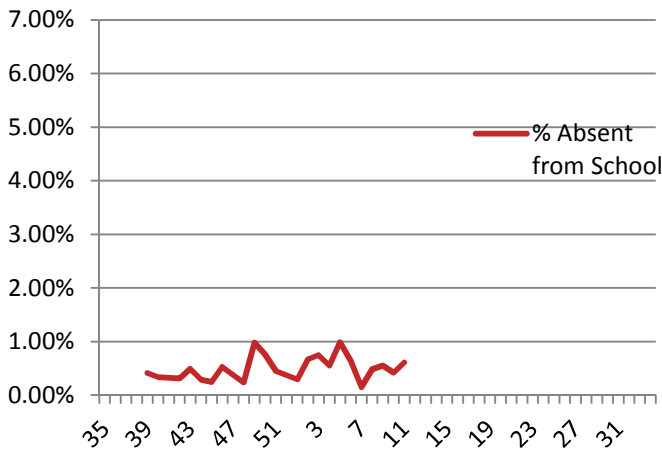
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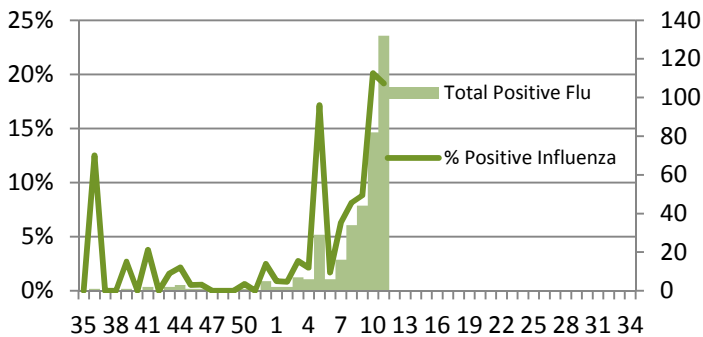
North Dakota School Surveillance



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

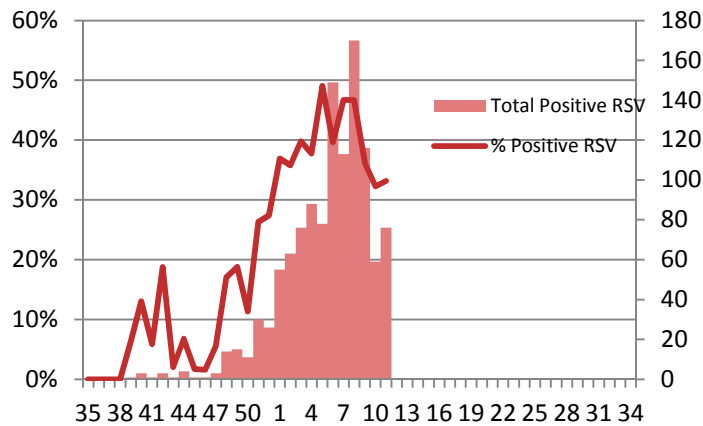


Sentinel Laboratory Surveillance

- 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



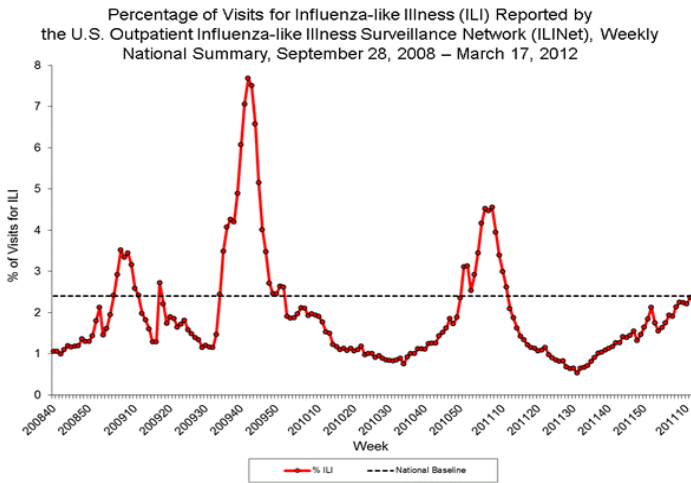
National Update



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Influenza-like Illness--National Graph



National Updates

During week 11 (March 11-17, 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 5,088 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, 1,353 (26.6%) were positive for influenza.

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

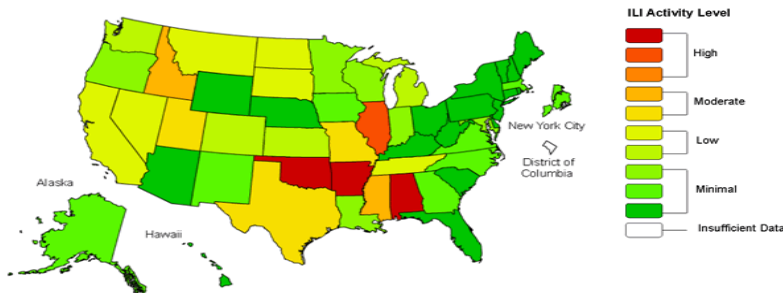
Influenza-associated Pediatric Mortality: Three influenza-associated pediatric deaths were reported and were associated with 2009 H1N1 (2) and influenza B (1) viruses.

Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 2.4%, which is at the national baseline of 2.4%. Regions 5, 6, 7, 8, and 10 reported ILI at or above region-specific baseline levels. Four states experienced high ILI activity; 5 state experienced moderate ILI activity; 10 states experienced low ILI activity; New York City and 31 states experienced minimal ILI activity, and the District of Columbia had insufficient data to calculate ILI activity.

Geographic Spread of Influenza: Twenty states reported widespread geographic activity; 20 states reported regional influenza activity; 2 states reported local activity; the District of Columbia, Guam, and 8 states reported sporadic activity, and Puerto Rico and the U.S. Virgin Islands did not report.

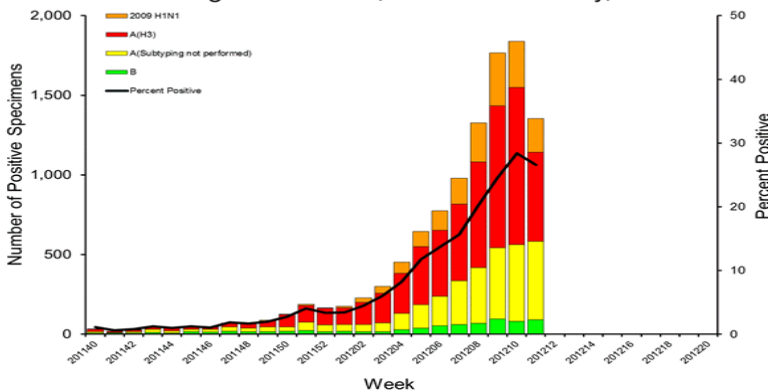
Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 11 ending Mar 17, 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 11
Number of Specimens Tested	5,088
Number of Positive Specimens	1353 (26.6%)
Positive by Subtype	
Influenza A	1262
A (2009 H1N1)	211
A (H1)	0
A (H3)	559
A (Untyped)	492
Influenza B	91