



2011-12 North Dakota Weekly Influenza Update

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Week: 18

Friday, May 11, 2012

1395 Total Influenza Cases

67 Hospitalizations

0 Deaths

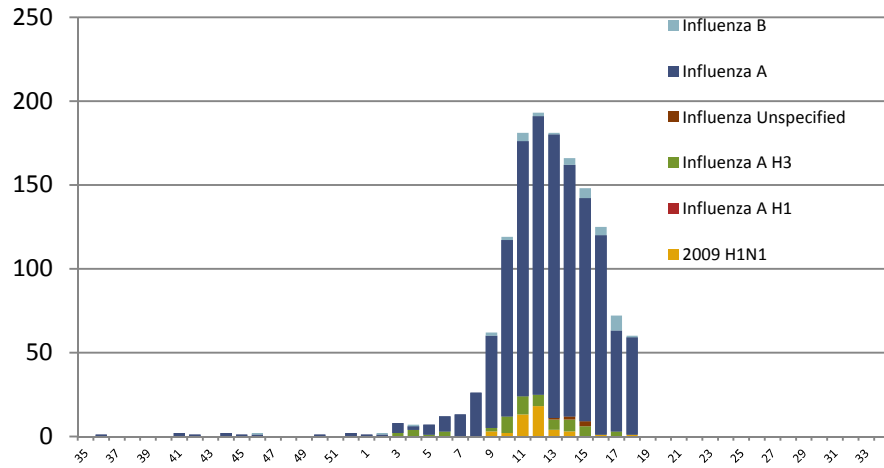
Current Summary:

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

Outpatient ILI Surveillance is well below baseline at 0.89%

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

Cases of Influenza by Subtype by Week

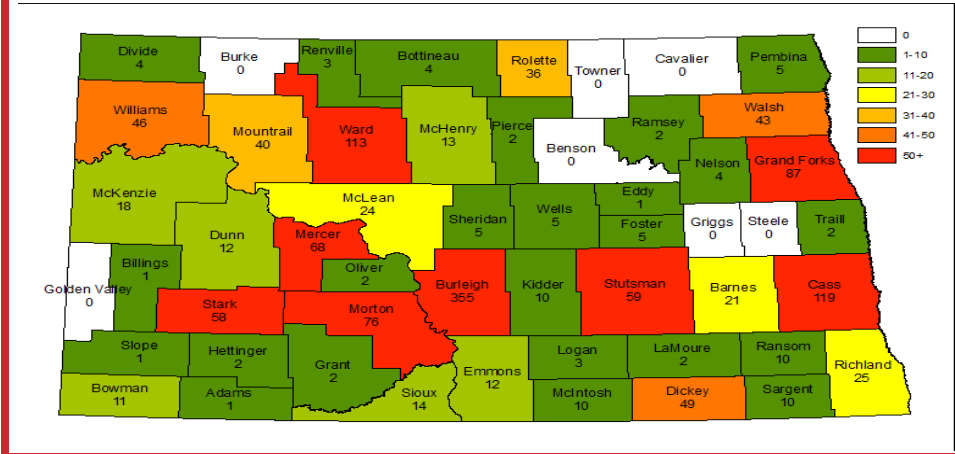


Respiratory Viruses

	Total
RSV A	5
RSV B	3
Rhinovirus	11
Adenovirus	4
Parainfluenza Virus	4
Human Metapneumovirus	5

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

Influenza Cases by County



Cases by Gender

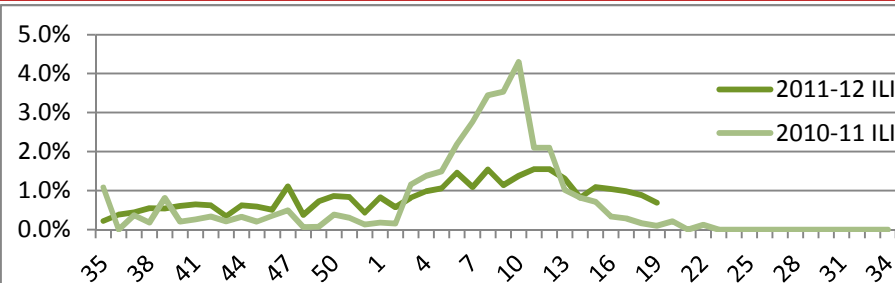
Female	697
Male	698

Outpatient Illness Surveillance--Influenza-like Illness

Week	% ILI	0-4	5-24	25-49	50-64	65+
16	1.04%	13	13	11	3	2
17	0.99%	8	16	9	4	8
18	0.89%	7	10	11	3	5

Cases by Age Group

<10	444
10-19	197
20-29	160
30-39	161
40-49	100
50-59	113
60+	220
TOTAL	1395



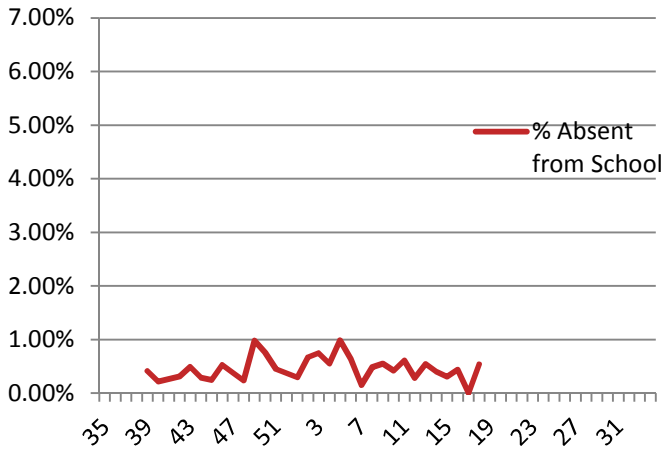
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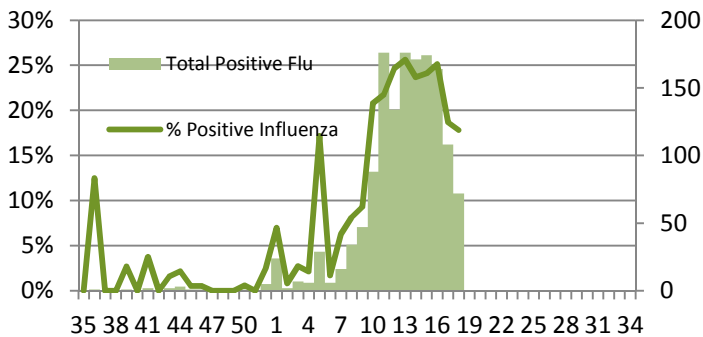
North Dakota School Surveillance



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

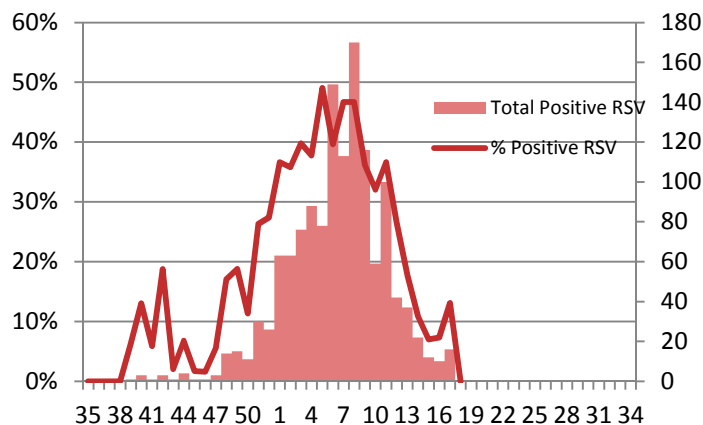


*These data do not represent all laboratory results for influenza.

Sentinel Laboratory Surveillance

- 15 North Dakota Laboratories Reporting
- The Percent Positivity for Influenza is Decreasing.
- RSV activity peaked in Week 8. Seasonably late.

Sentinel Laboratories--RSV



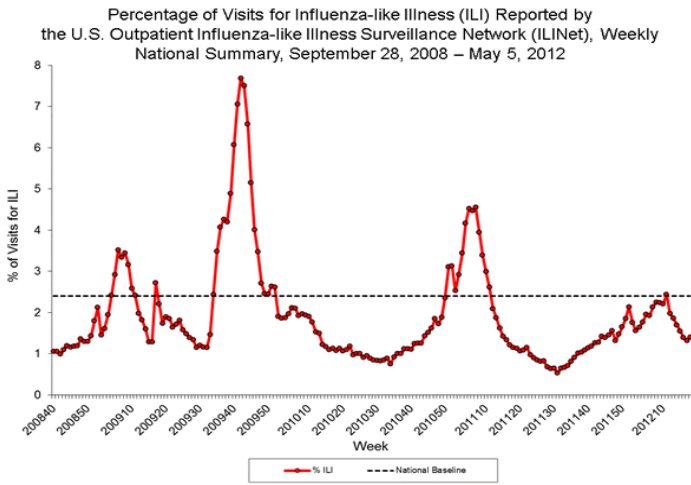
National Update



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Influenza-like Illness--National Graph



National Updates

During week 18 (April 29-May 5, 2012), influenza activity declined nationally and in most regions, but remained elevated in some areas of the United States.

U.S. Virologic Surveillance: Of the 2,118 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, 291 (13.7%) were positive for influenza.

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

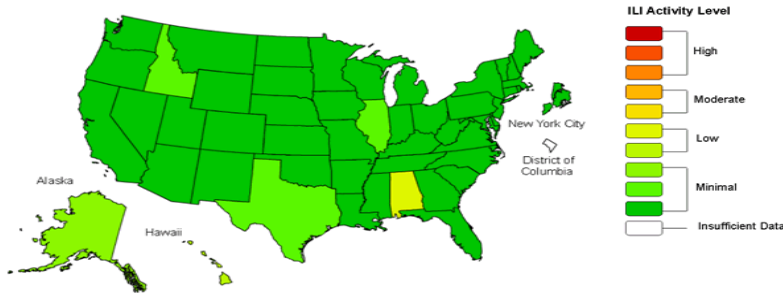
Influenza-associated Pediatric Mortality: Two influenza-associated pediatric deaths were reported. One was associated with an influenza B virus and 1 was associated with an influenza A virus for which the subtype was not determined.

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 regions reported ILI below region-specific baseline levels. Two states experienced low ILI activity; New York City and 48 states experienced minimal ILI activity, and the District of Columbia had insufficient data to calculate ILI activity.

Geographic Spread of Influenza: Two states reported widespread geographic activity; 8 states reported regional influenza activity; 12 states reported local activity; the District of Columbia, Puerto Rico, and 28 states reported sporadic activity, and Guam and the U.S. Virgin Islands reported no influenza activity.

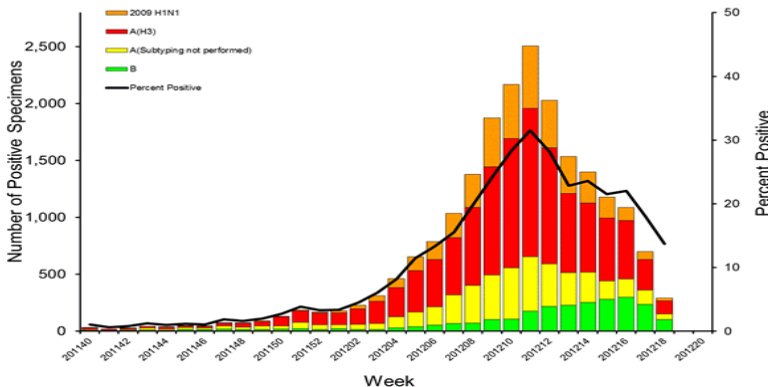
Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 18 ending May 05, 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

Number of Specimens Tested	Week 18
	2,118
Number of Positive Specimens	291 (13.7%)
Positive by Subtype	
Influenza A	188
A (2009 H1N1)	25
A (H1)	0
A (H3)	113
A (Untyped)	50
Influenza B	171