



# 2011-12 North Dakota Weekly Influenza Update

Editor: Lindsey VanderBusch

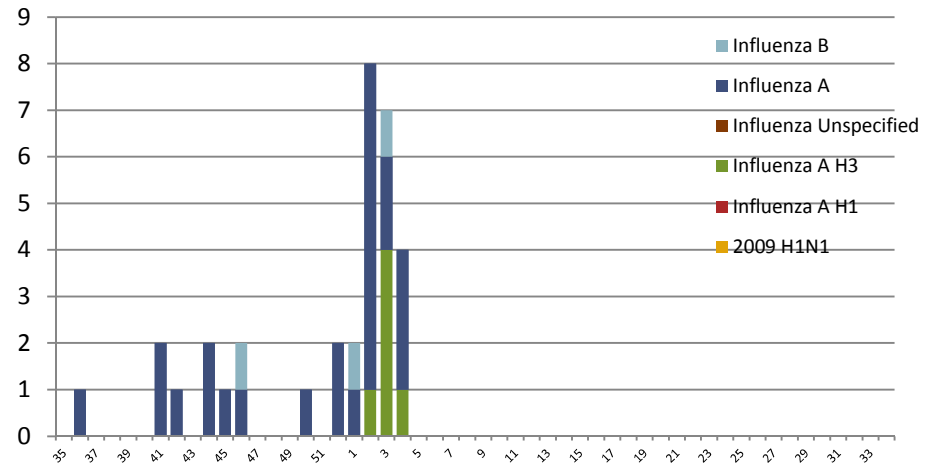
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Week: 5

Friday, February 10, 2012

**34** 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 increasing but still below baseline at 1.65%

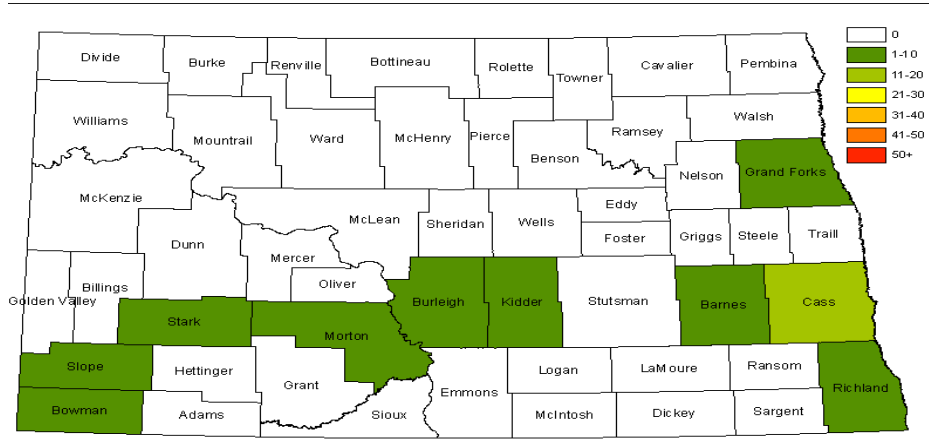
There currently have been no deaths related directly to influenza this year (September 1, 2011 to present).

### Respiratory Viruses

	Total
RSV A	0
RSV B	1
Rhinovirus	8
Adenovirus	2
Parainfluenza Virus	3
Human Metapneumovirus	1

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

### Influenza Cases by County



### Cases by Gender

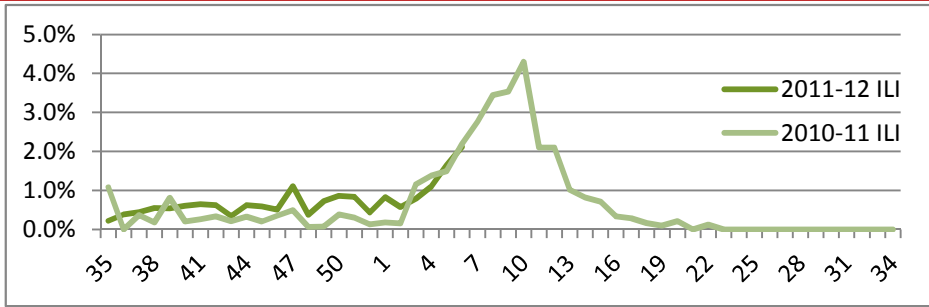
Female	15
Male	19

### Outpatient Illness Surveillance--Influenza-like Illness

Week	% ILI	0-4	5-24	25-49	50-64	65+
3	0.79%	13	8	9	0	2
4	1.10%	16	11	5	2	0
5	1.65%	20	11	4	6	2

### Cases by Age Group

<10	10
10-19	8
20-29	3
30-39	3
40-49	3
50-59	3
60+	4
<b>TOTAL</b>	<b>34</b>



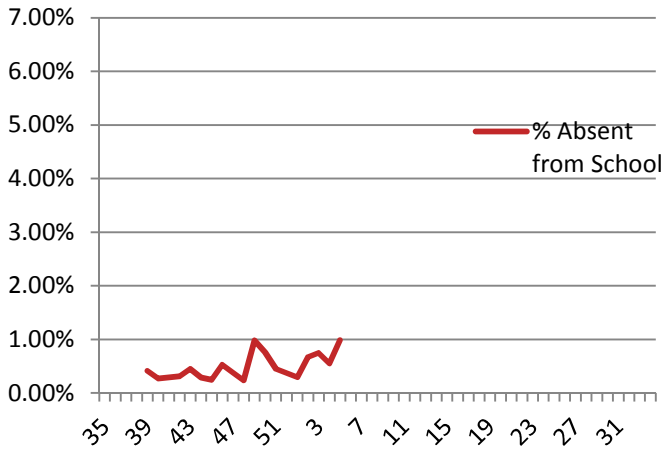
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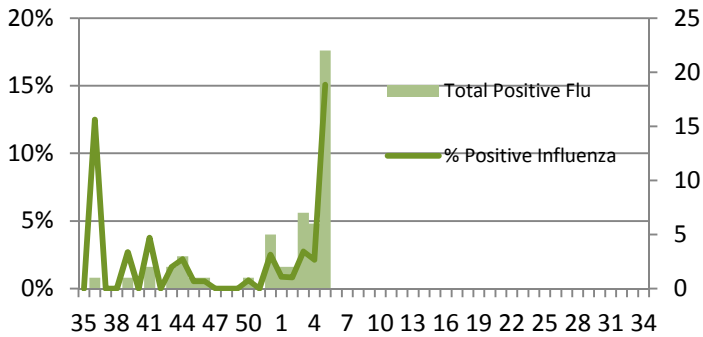
## North Dakota School Surveillance



## 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

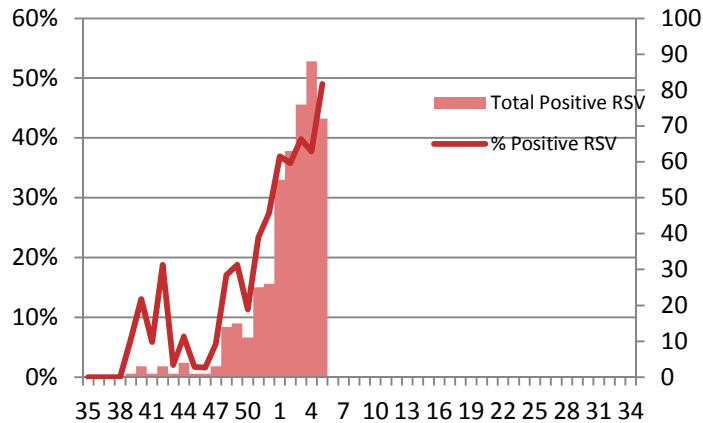


## Sentinel Laboratory Surveillance

- 15 North Dakota Laboratories Reporting
- The number of percent positive on influenza tests is rapidly increasing.
- 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

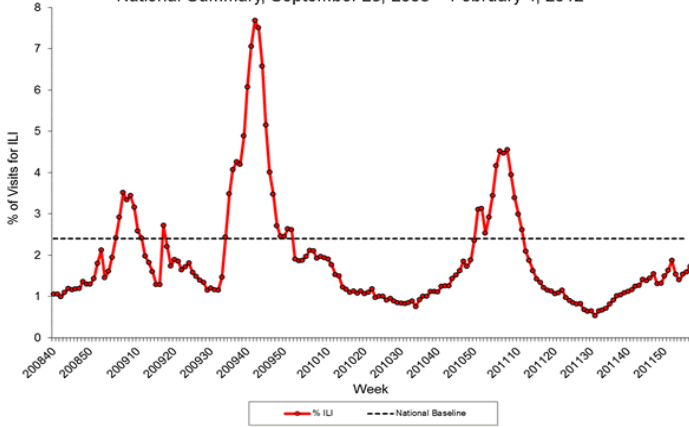


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## Influenza-like Illness--National Graph

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, September 28, 2008 – February 4, 2012



## National Updates

During week 5 (January 29-February 4, 2012), influenza activity in the United States increased.

**U.S. Virologic Surveillance:** Of the 3,586 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, 378 (10.5%) were positive for influenza.

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

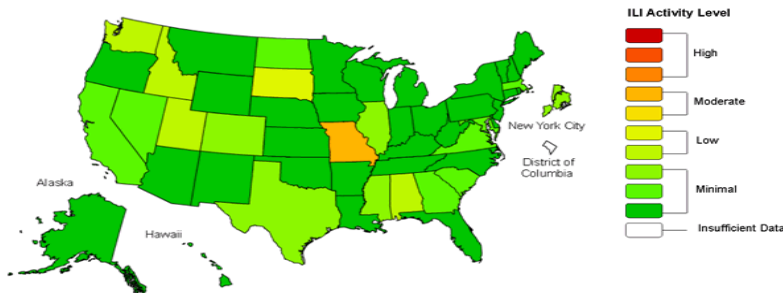
**Influenza-associated Pediatric Mortality:** One influenza-associated pediatric death was reported and was associated with influenza A virus for which the subtype was not determined.

**Outpatient Illness Surveillance:** The proportion of outpatient visits for influenza-like illness (ILI) was 1.7%, which is below the national baseline of 2.4%. Regions 7 and 10 reported ILI above region-specific baseline levels. One state experienced moderate ILI activity, 5 states experienced low ILI activity, New York City and 44 states experienced minimal ILI activity, and the District of Columbia had insufficient data.

**Geographic Spread of Influenza:** One state reported widespread geographic activity; 9 states reported regional activity; 12 states reported local activity; the District of Columbia, Puerto Rico, and 27 states reported sporadic activity; Guam, the U.S. Virgin Islands and 1 state reported no influenza activity.

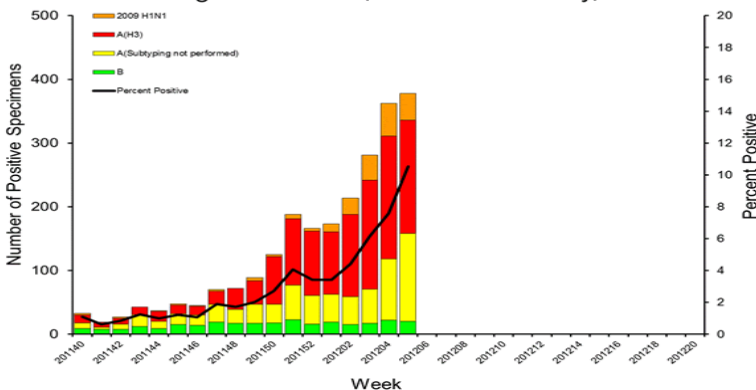
## Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 5 ending Feb 04, 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 5
	<b>3,586</b>
<b>Number of Positive Specimens</b>	<b>378</b>
<b>Positive by Subtype</b>	
<b>Influenza A</b>	<b>358</b>
A (2009 H1N1)	42
A (H1)	0
A (H3)	138
A (Untyped)	178
<b>Influenza B</b>	20