



# 2011-12 North Dakota Weekly Influenza Update

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Week: 8

Friday, March 02, 2012

**86 Total Influenza Cases**

**0 Hospitalizations**

**0 Deaths**

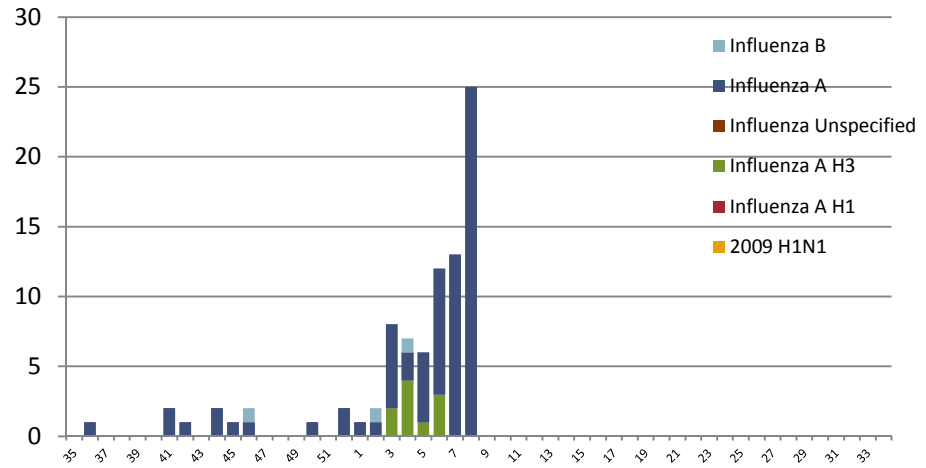
### Current Summary:

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

Outpatient ILI Surveillance is increasing but still below baseline at 1.68%

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

### Cases of Influenza by Subtype by Week

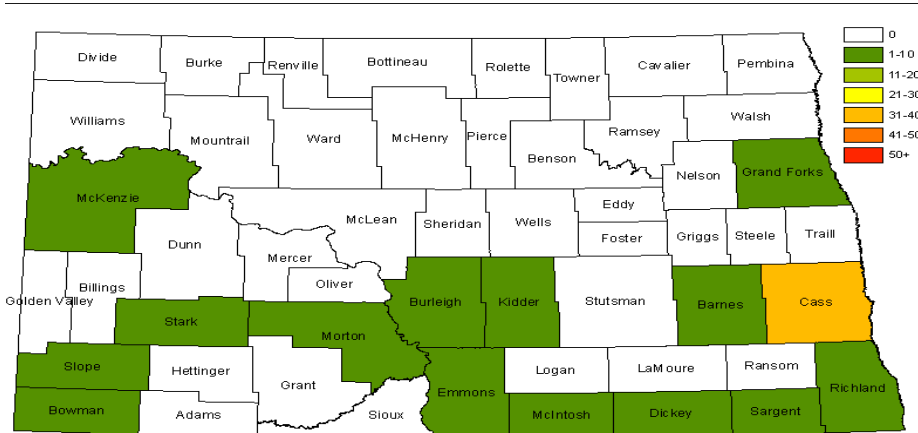


### Respiratory Viruses

	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

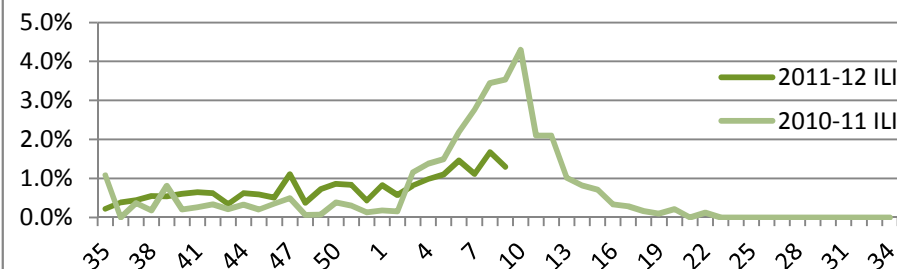
Female	44
Male	42

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

Week	% ILI	0-4	5-24	25-49	50-64	65+
6	1.46%	36	15	6	2	2
7	1.12%	22	8	12	4	4
8	1.68%	37	13	9	3	3

### Cases by Age Group

<10	25
10-19	15
20-29	9
30-39	10
40-49	5
50-59	12
60+	10
<b>TOTAL</b>	<b>86</b>



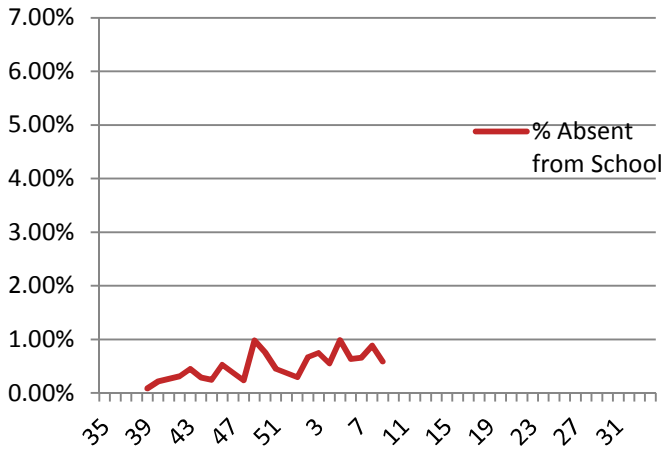
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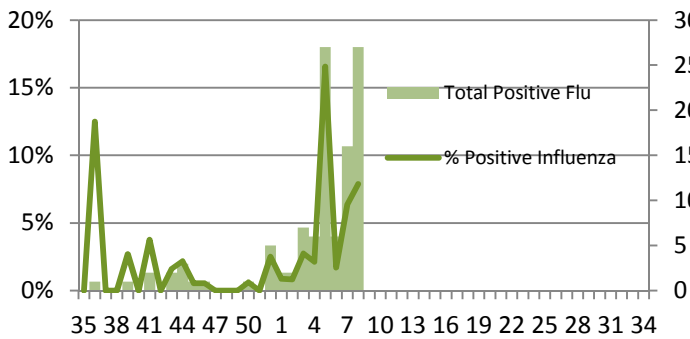
## North Dakota School Surveillance



## 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

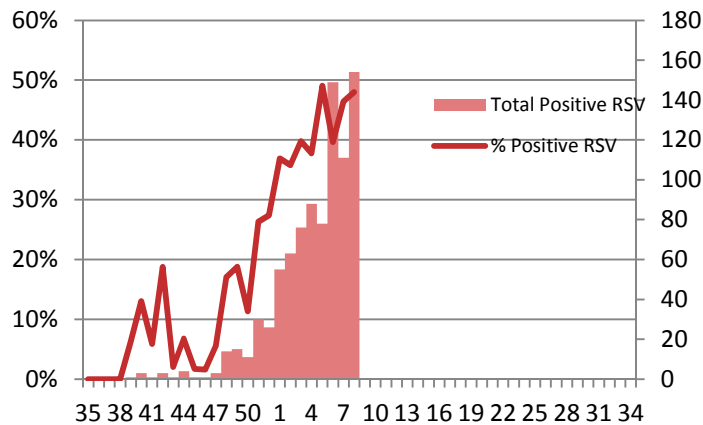


## Sentinel Laboratory Surveillance

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



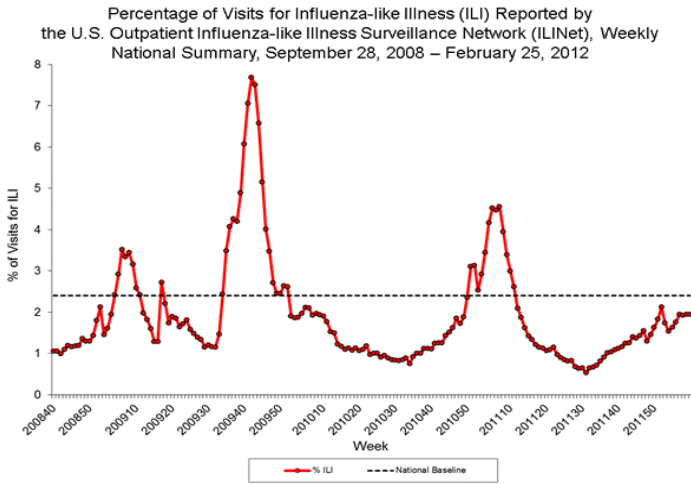
# National Update



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## Influenza-like Illness--National Graph



## National Updates

During week 8 (February 19-25, 2012), influenza activity in the United States increased slightly, but remained relatively low.

**U.S. Virologic Surveillance:** Of the 3,947 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, 726 (18.4%) were positive for influenza.

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

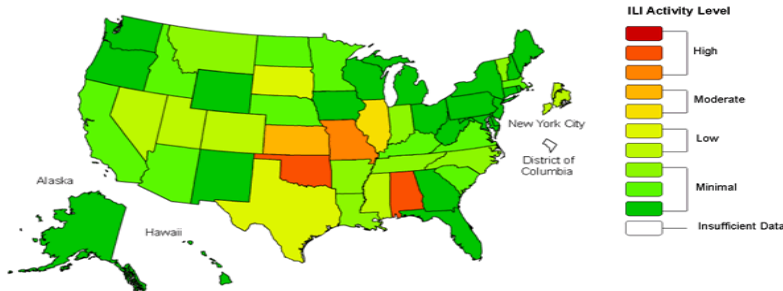
**Influenza-associated Pediatric Mortality:** One influenza-associated pediatric death was reported and was associated with an influenza virus for which the type was not determined.

**Outpatient Illness Surveillance:** The proportion of outpatient visits for influenza-like illness (ILI) was 1.9%, which is below the national baseline of 2.4%. Regions 1, 5, and 7 reported ILI at or above region-specific baseline levels. Three states experienced high ILI activity; 2 states experienced moderate ILI activity; 6 states experienced low ILI activity; New York City and 39 states experienced minimal ILI activity, and the District of Columbia had insufficient data.

**Geographic Spread of Influenza:** Six states reported widespread geographic activity; 18 states reported regional influenza activity; 13 states reported local activity; the District of Columbia, Guam, Puerto Rico, and 12 states reported sporadic activity; the U.S. Virgin Islands reported no influenza activity, and one state did not report.

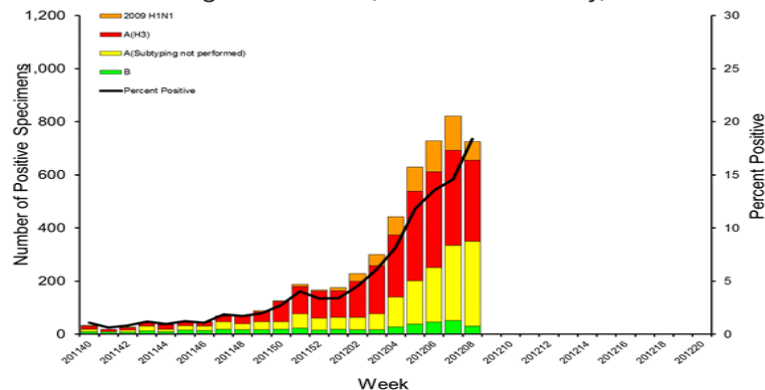
## Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 8 ending Feb 25, 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

<b>Number of Specimens Tested</b>	<b>Week 8</b>
	<b>3,947</b>
<b>Number of Positive Specimens</b>	<b>726 (18.4%)</b>
<b>Positive by Subtype</b>	
<b>Influenza A</b>	<b>696</b>
A (2009 H1N1)	71
A (H1)	0
A (H3)	306
A (Untyped)	319
<b>Influenza B</b>	<b>30</b>