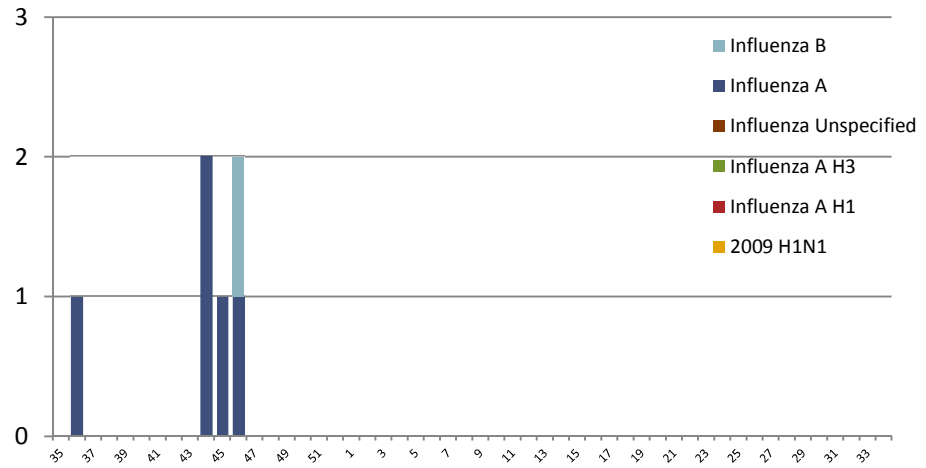


Week: 50

Friday, December 23, 2011

6 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 below baseline at 1.2 % of visits.

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

### Respiratory Viruses

	Current Week	Total
RSV A	0	0
RSV B	0	1
Rhinovirus	0	7
Adenovirus	0	1
Parainfluenza Virus 1	0	2
Parainfluenza Virus 2	0	0
Parainfluenza Virus 3	0	1

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

### Influenza Cases by County



### Cases by Gender

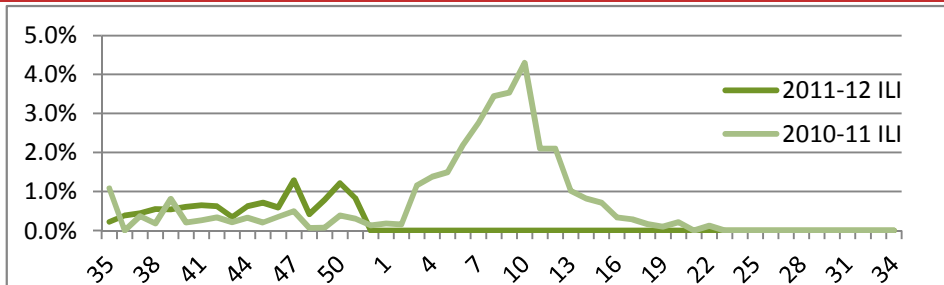
Female	3
Male	3

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

Week	% ILI	0-4	5-24	25-49	50-64	65+
48	0.43%	3	3	3	1	4
49	0.79%	12	7	2	2	2
50	1.21%	16	9	8	1	0

### Cases by Age Group

<10	3
10-19	0
20-29	0
30-39	0
40-49	1
50-59	2
60+	0
<b>TOTAL</b>	<b>6</b>



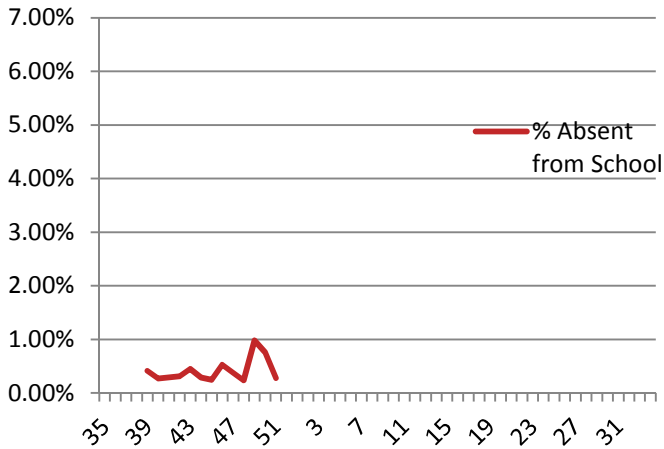
# 2011-12 North Dakota Weekly Influenza Update



Week: 50

Friday, December 23, 2011

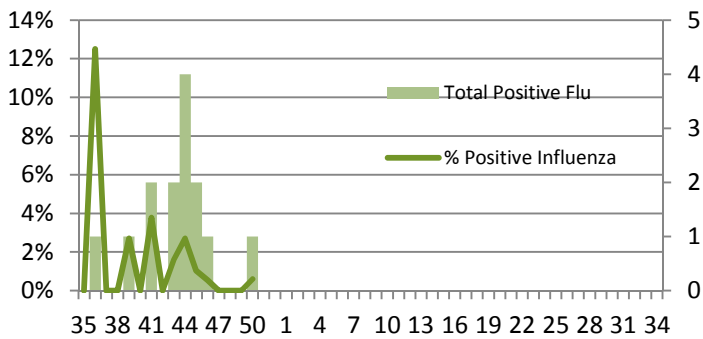
## North Dakota School Surveillance



## North Dakota School Surveillance:

- 5 North Dakota Schools Reporting
- Percent Absent due to illness for Week 49 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

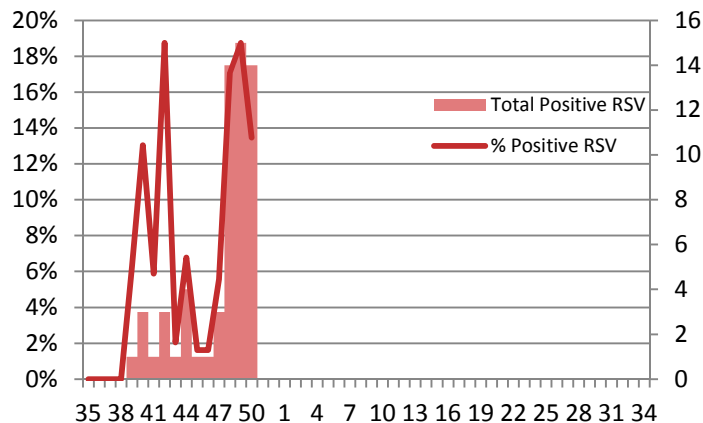


## Sentinel Laboratory Surveillance

- 14 North Dakota Laboratories Reporting
- The number of percent positive on influenza tests remains low.
- Reminder, when influenza activity is low, the positive predictive value of the tests are low. This means that the possibility of false positives are high.

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

## Sentinel Laboratories--RSV



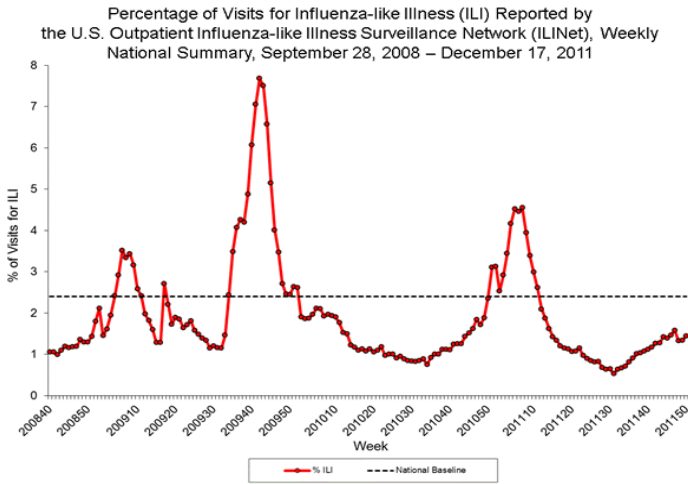
# National Update



Week: 50

Friday, December 23, 2011

## Influenza-like Illness--National Graph



## National Updates

During week 50 (December 11-17, 2011), influenza activity remained low in the United States.

**U.S. Virologic Surveillance:** Of the 2,993 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, 64 (2.1%) were positive for influenza.

**Novel influenza A Virus:** Two human infections with novel influenza A virus were reported.

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

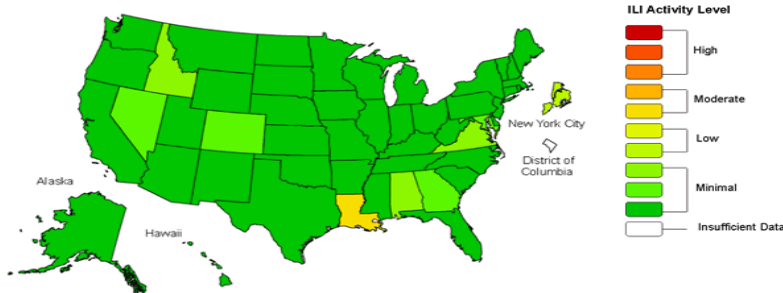
**Influenza-associated Pediatric Mortality:** No influenza-associated pediatric deaths were reported.

**Outpatient Illness Surveillance:** The proportion of outpatient visits for influenza-like illness (ILI) was 1.4%, which is below the national baseline of 2.4%. All 10 regions reported ILI below region-specific baseline levels. One state experienced moderate ILI activity, New York City experienced low ILI activity, 49 states experienced minimal ILI activity, and the District of Columbia had insufficient data.

**Geographic Spread of Influenza:** The proportion of outpatient visits for influenza-like illness (ILI) was 1.4%, which is below the national baseline of 2.4%. All 10 regions reported ILI below region-specific baseline levels. One state experienced moderate ILI activity, New York City experienced low ILI activity, 49 states experienced minimal ILI activity, and the District of Columbia had insufficient data.

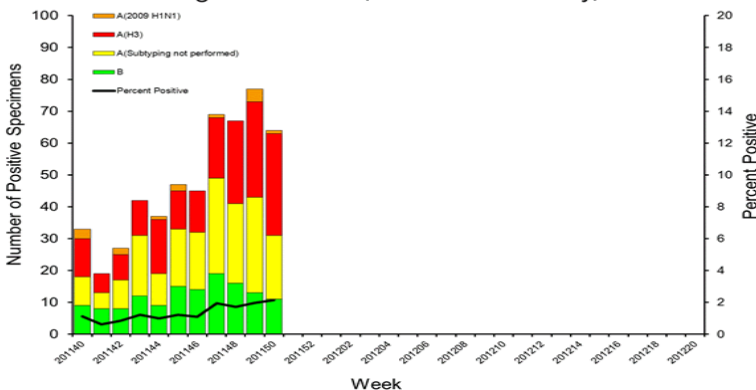
## Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 50 ending Dec 17, 2011



## 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 50
<b>Number of Specimens Tested</b>	<b>2,993</b>
<b>Number of Positive Specimens</b>	<b>64 (2.1%)</b>
<b>Positive by Subtype</b>	
<b>Influenza A</b>	<b>53 (82.8%)</b>
A (2009 H1N1)	1
A (H1)	0
A (H3)	32
A (Untyped)	20
<b>Influenza B</b>	<b>11 (17.2%)</b>