



# 2011-12 North Dakota Weekly Influenza Update

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Week: 7

Tuesday, February 28, 2012

55 Total Influenza Cases

0 Hospitalizations

0 Deaths

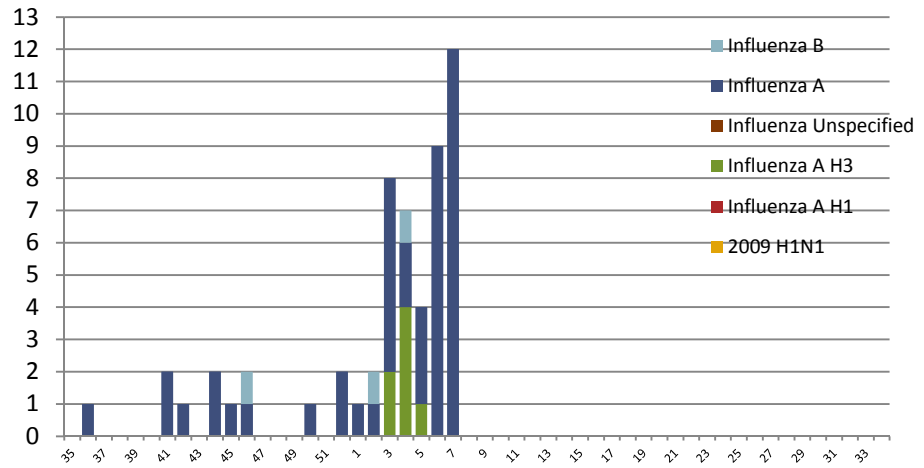
### Current Summary:

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

Outpatient ILI Surveillance is increasing but still below baseline at 1.17%

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

### Cases of Influenza by Subtype by Week

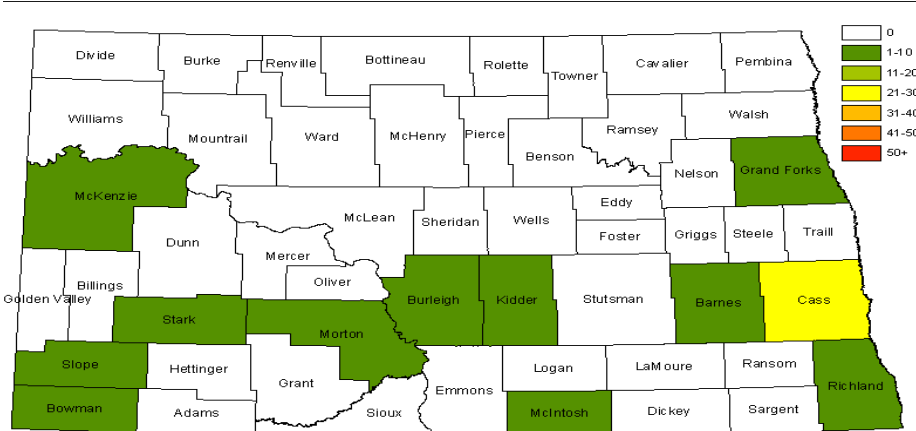


### Respiratory Viruses

	Total
RSV A	1
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

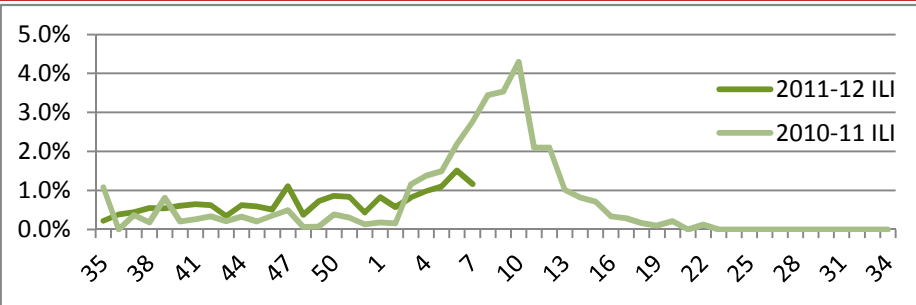
Female	26
Male	29

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

Week	% ILI	0-4	5-24	25-49	50-64	65+
5	1.10%	21	11	4	6	2
6	1.51%	36	15	6	2	2
7	1.17%	22	8	12	4	4

### Cases by Age Group

<10	14
10-19	11
20-29	8
30-39	6
40-49	3
50-59	8
60+	5
<b>TOTAL</b>	<b>55</b>



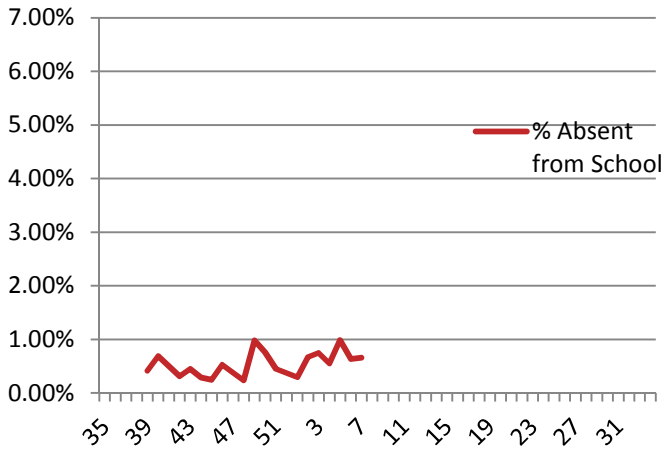
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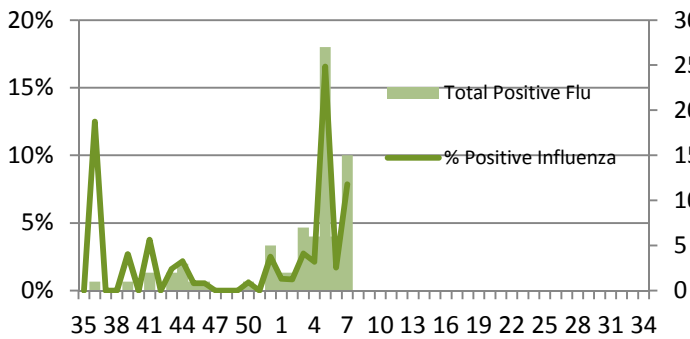
## North Dakota School Surveillance



## 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

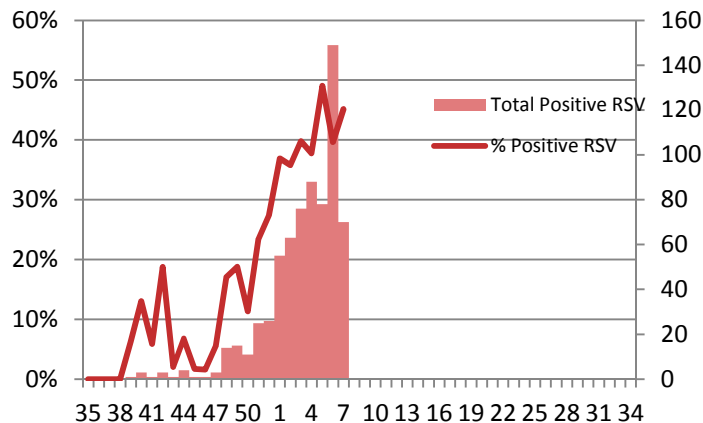


## Sentinel Laboratory Surveillance

- 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



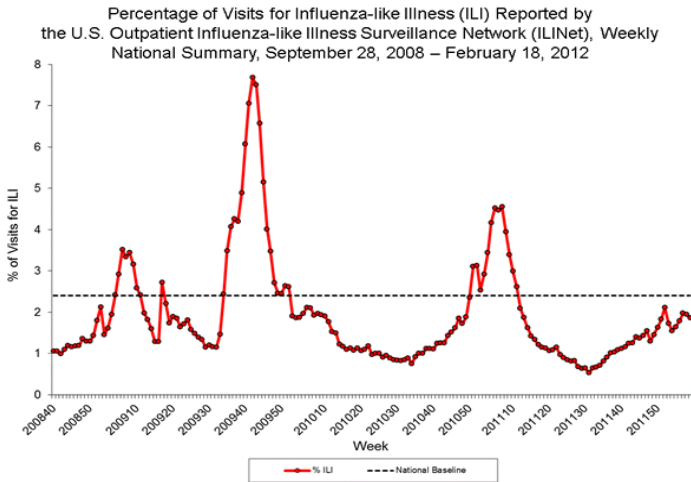
# National Update



Week: 7

Tuesday, February 28, 2012

## Influenza-like Illness--National Graph



## National Updates

During week 7 (February 12-18, 2012), influenza activity in the United States increased slightly, but remained relatively low.

**U.S. Virologic Surveillance:** Of the 4,269 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, 614 (14.4%) were positive for influenza.

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

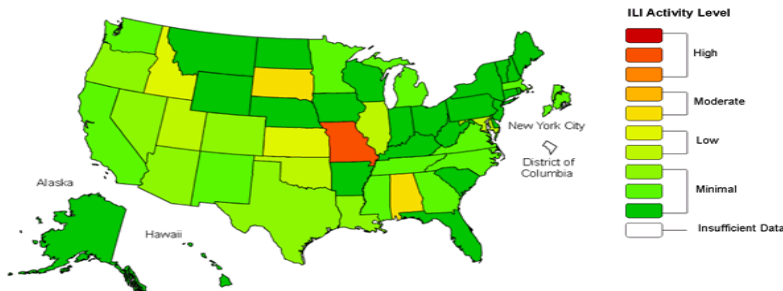
**Influenza-associated Pediatric Mortality:** No influenza-associated pediatric deaths were reported.

**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 5 and 7 reported ILI at or above region-specific baseline levels. One state experienced high ILI activity; 2 states experienced moderate ILI activity; 6 states experienced low ILI activity; New York City and 41 states experienced minimal ILI activity, and the District of Columbia had insufficient data.

**Geographic Spread of Influenza:** Two states reported widespread geographic activity; 13 states reported regional influenza activity; 20 states reported local activity; the District of Columbia, Puerto Rico, and 15 states reported sporadic activity, and Guam and the U.S. Virgin Islands reported no influenza activity.

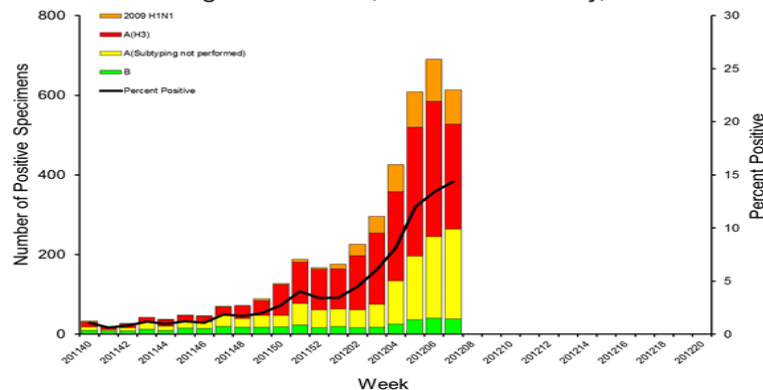
## Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 7 ending Feb 18, 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 7
	4,269
<b>Number of Positive Specimens</b>	<b>614</b>
<b>Positive by Subtype</b>	
Influenza A	576
A (2009 H1N1)	86
A (H1)	0
A (H3)	264
A (Untyped)	226
Influenza B	38