

Week: 14

Friday, April 13, 2012

**966 Total Influenza Cases**

**38 Hospitalizations**

**0 Deaths**

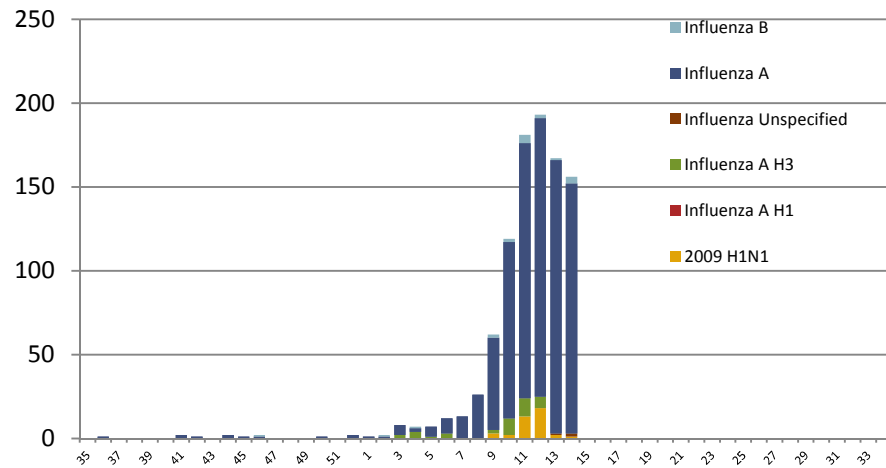
**Current Summary:**

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

Outpatient ILI Surveillance is decreasing and well below baseline at 0.83%

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

**Cases of Influenza by Subtype by Week**

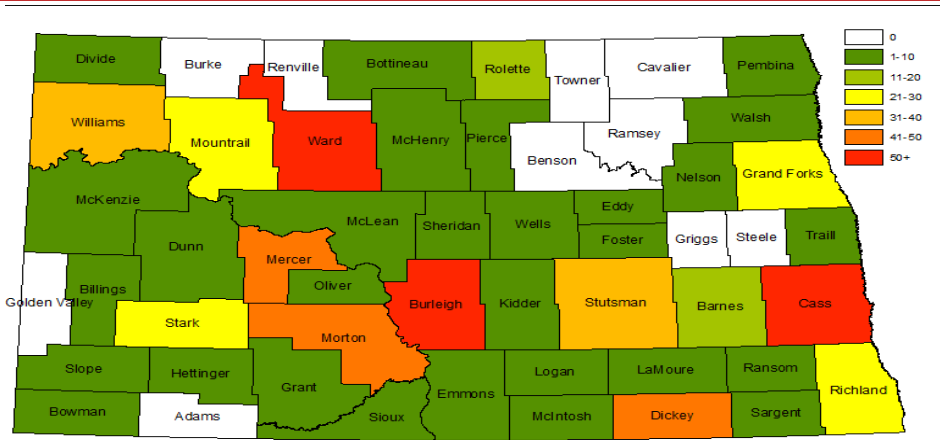


**Respiratory Viruses**

	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**

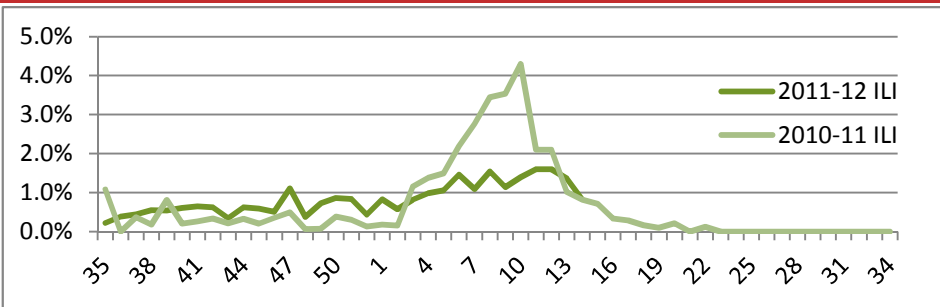
Female	467
Male	499

**Outpatient Illness Surveillance--Influenza-like Illness**

Week	% ILI	0-4	5-24	25-49	50-64	65+
12	1.60%	22	18	8	4	9
13	1.37%	13	28	8	5	3
14	0.83%	10	8	14	2	1

**Cases by Age Group**

<10	313
10-19	151
20-29	123
30-39	113
40-49	65
50-59	78
60+	123
<b>TOTAL</b>	<b>966</b>



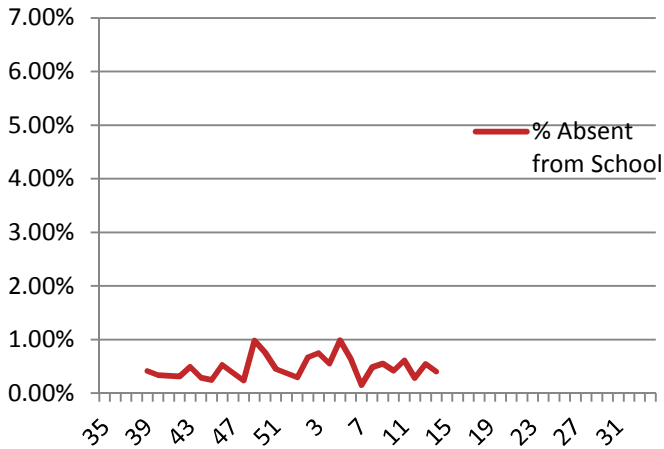
# 2011-12 North Dakota Weekly Influenza Update



Week: 14

Friday, April 13, 2012

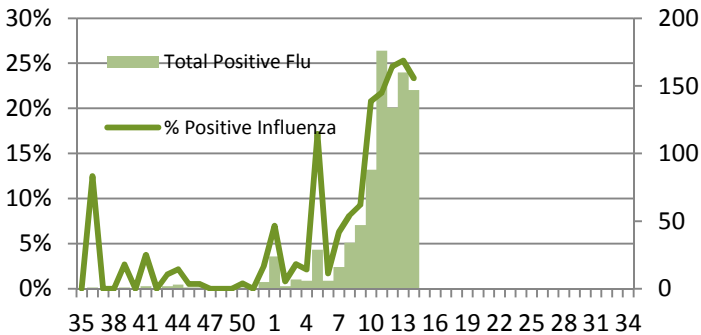
## North Dakota School Surveillance



## 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

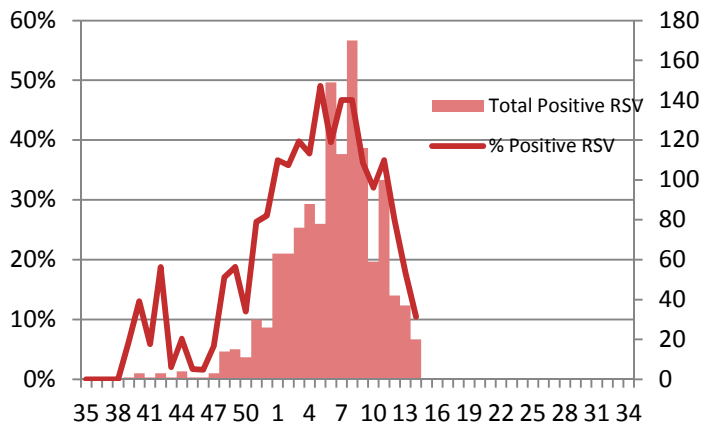


\*These data do not represent all laboratory results for influenza.

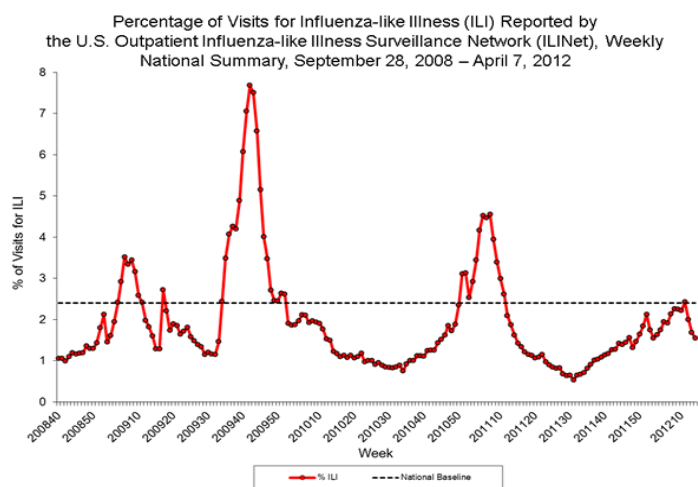
## Sentinel Laboratory Surveillance

- 15 North Dakota Laboratories Reporting
- The number of percent positive on influenza tests appears to have peaked and is on the decreasing trend.
- RSV activity has appeared to have peaked.

## Sentinel Laboratories--RSV



## Influenza-like Illness--National Graph



## National Updates

During week 14 (April 1-7, 2012), influenza activity was elevated in some areas of the United States, but declined nationally and in most regions

**U.S. Virologic Surveillance:** Of the 3,607 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, 756 (21.0%) were positive for influenza.

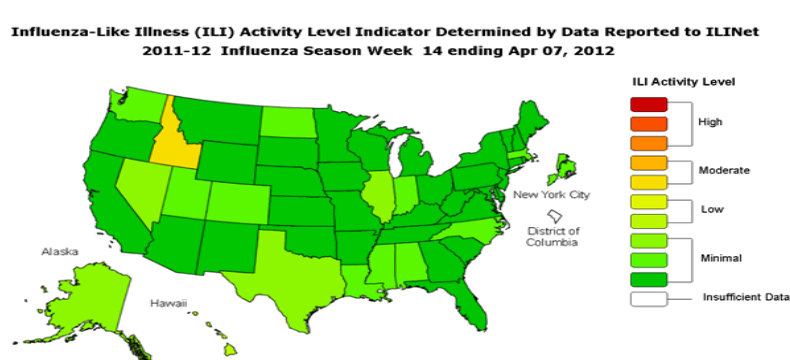
**Pneumonia and Influenza (P&I) Mortality Surveillance:** The proportion of deaths attributed to P&I was below the epidemic threshold.

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

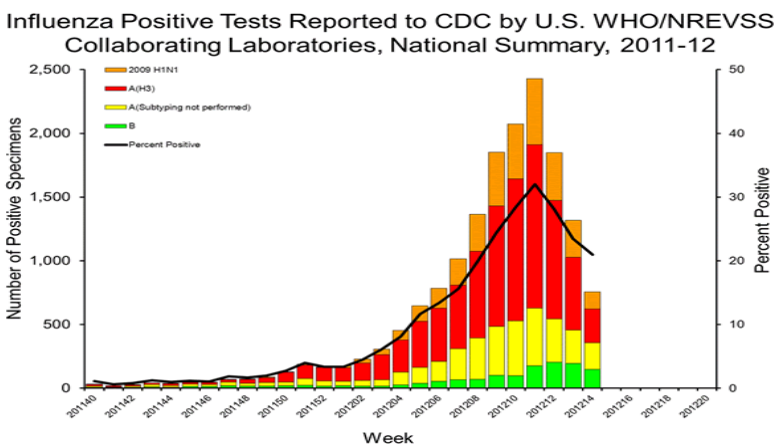
**Outpatient Illness Surveillance:** The proportion of outpatient visits for influenza-like illness (ILI) was 1.5%, which is below the national baseline of 2.4%. Region 10 reported ILI above its region-specific baseline level. One state experienced moderate ILI activity, 1 state experienced low ILI activity, 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:** Ten states reported widespread geographic activity; 9 states reported regional influenza activity; 20 states reported local activity; the District of Columbia, Puerto Rico, and 11 states reported sporadic activity, and Guam and the U.S. Virgin Islands reported no influenza activity.

## Influenza-like Illness--National Map



## Influenza Positive Lab Tests---National



## Influenza Positive Lab Tests--National

Number of Specimens Tested	Week 14
	<b>3,607</b>
<b>Number of Positive Specimens</b>	<b>756 (21%)</b>
<b>Positive by Subtype</b>	
<b>Influenza A</b>	<b>607</b>
<b>A (2009 H1N1)</b>	<b>133</b>
<b>A (H1)</b>	<b>0</b>
<b>A (H3)</b>	<b>267</b>
<b>A (Untyped)</b>	<b>207</b>
<b>Influenza B</b>	<b>149</b>