



2011-12 North Dakota Weekly Influenza Update

Week: 15

Monday, April 23, 2012

1120 Total Influenza Cases

50 Hospitalizations

0 Deaths

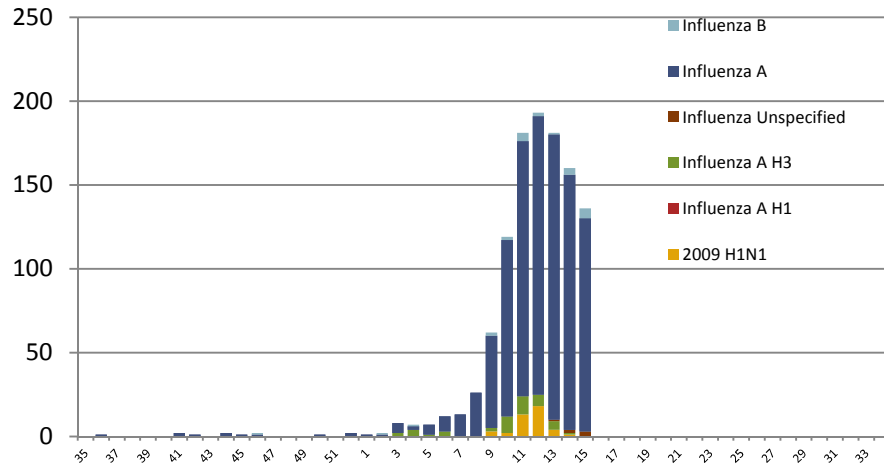
Current Summary:

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

Outpatient ILI Surveillance is decreasing and well below baseline at 0.80%

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

Cases of Influenza by Subtype by Week

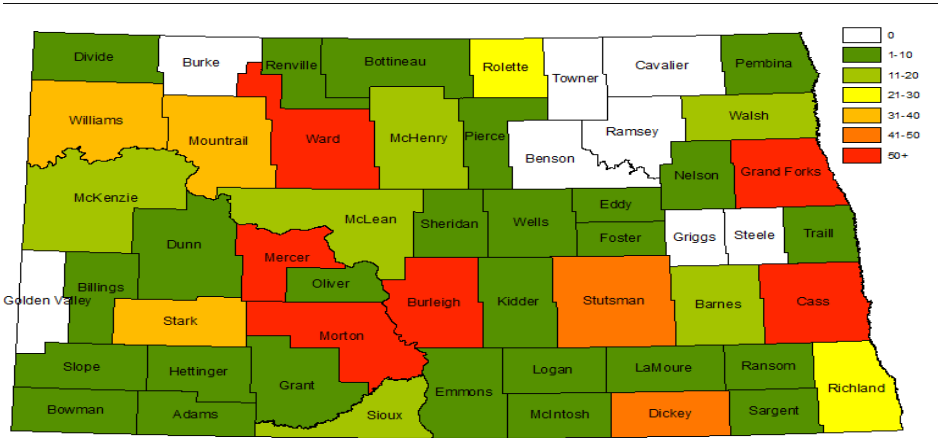


Respiratory Viruses

| | 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

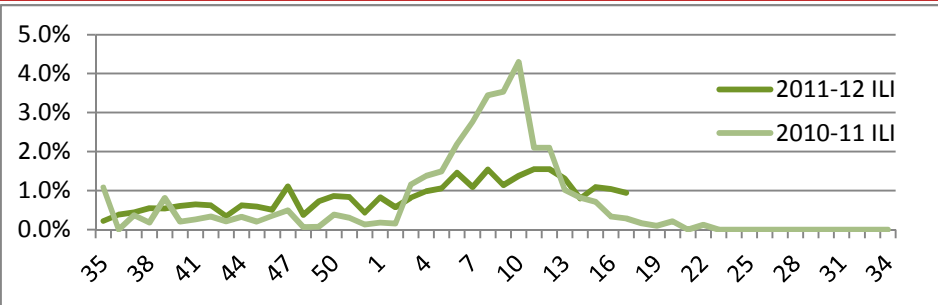
| | |
|--------|-----|
| Female | 551 |
| Male | 569 |

Outpatient Illness Surveillance--Influenza-like Illness

| Week | % ILI | 0-4 | 5-24 | 25-49 | 50-64 | 65+ |
|------|-------|-----|------|-------|-------|-----|
| 13 | 1.31% | 13 | 28 | 8 | 5 | 3 |
| 14 | 0.80% | 10 | 8 | 14 | 2 | 1 |
| 15 | 1.09% | 16 | 14 | 6 | 5 | 6 |

Cases by Age Group

| | |
|--------------|-------------|
| <10 | 362 |
| 10-19 | 164 |
| 20-29 | 137 |
| 30-39 | 135 |
| 40-49 | 80 |
| 50-59 | 87 |
| 60+ | 155 |
| TOTAL | 1120 |



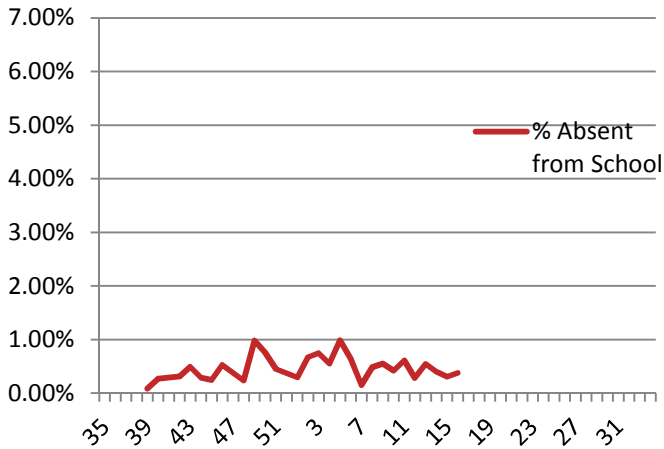
2011-12 North Dakota Weekly Influenza Update



Week: 15

Monday, April 23, 2012

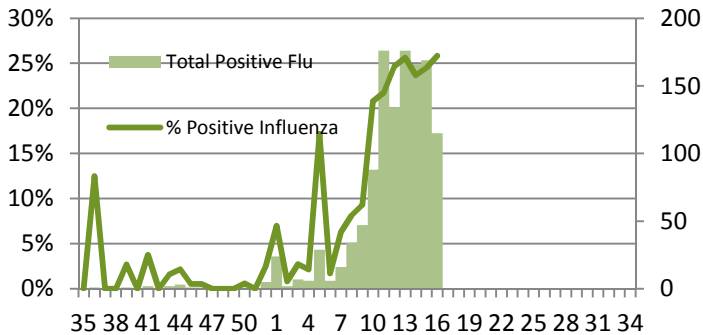
North Dakota School Surveillance



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

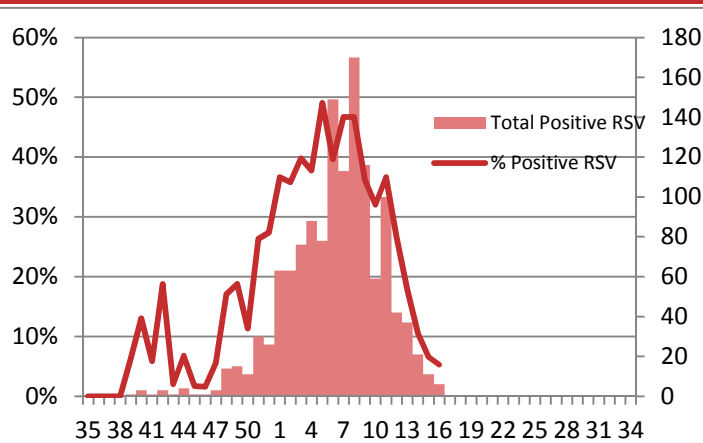


Sentinel Laboratory Surveillance

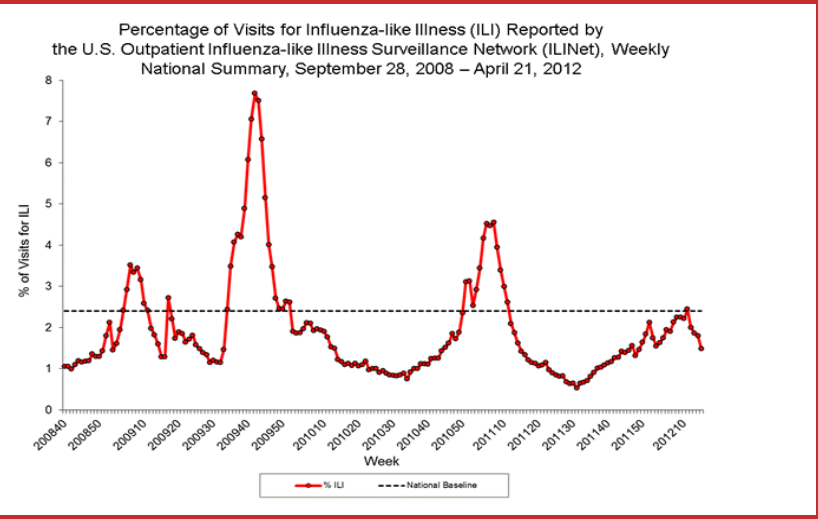
- 15 North Dakota Laboratories Reporting
- The number of percent positive on influenza tests is sustaining.
- RSV activity peaked in Week 8. Seasonably late.

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

Sentinel Laboratories--RSV



Influenza-like Illness--National Graph



National Updates

During week 15 (April 8-14, 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 3,730 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, 653 (17.5%) were positive for influenza.

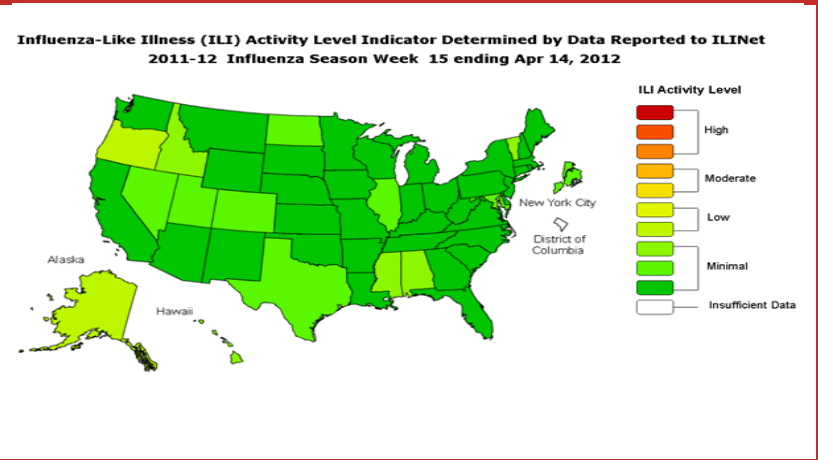
Pneumonia and Influenza (P&I) Mortality Surveillance: The proportion of deaths attributed to P&I was below the epidemic threshold.

Influenza-associated Pediatric Mortality: Two influenza-associated pediatric deaths were reported. One was associated with a 2009 H1N1 virus and one was associated with a seasonal influenza A (H3) virus.

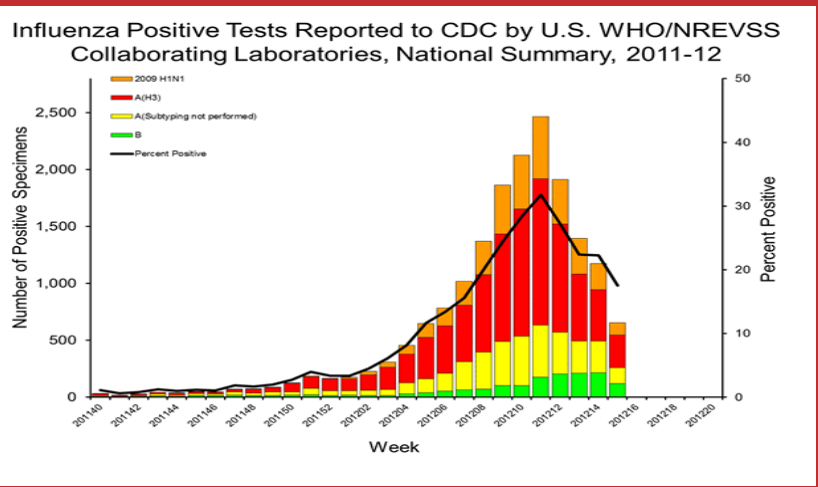
Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 1.5%, which is below the national baseline of 2.4%. Region 10 reported ILI above its region-specific baseline level. Two states experienced low ILI activity; New York City and 48 states experienced minimal ILI activity, and the District of Columbia had insufficient data to calculate ILI activity.

Geographic Spread of Influenza: Six states reported widespread geographic activity; 9 states reported regional influenza activity; 17 states reported local activity; the District of Columbia and 18 states reported sporadic activity; Guam and the U.S. Virgin Islands reported no influenza activity, and Puerto Rico did not report.

Influenza-like Illness--National Map



Influenza Positive Lab Tests---National



Influenza Positive Lab Tests--National

| | |
|-------------------------------------|--------------------|
| Number of Specimens Tested | Week 15 |
| | 3,730 |
| Number of Positive Specimens | 653 (17.5%) |
| Positive by Subtype | |
| Influenza A | 533 |
| A (2009 H1N1) | 106 |
| A (H1) | 0 |
| A (H3) | 289 |
| A (Untyped) | 138 |
| Influenza B | 120 |