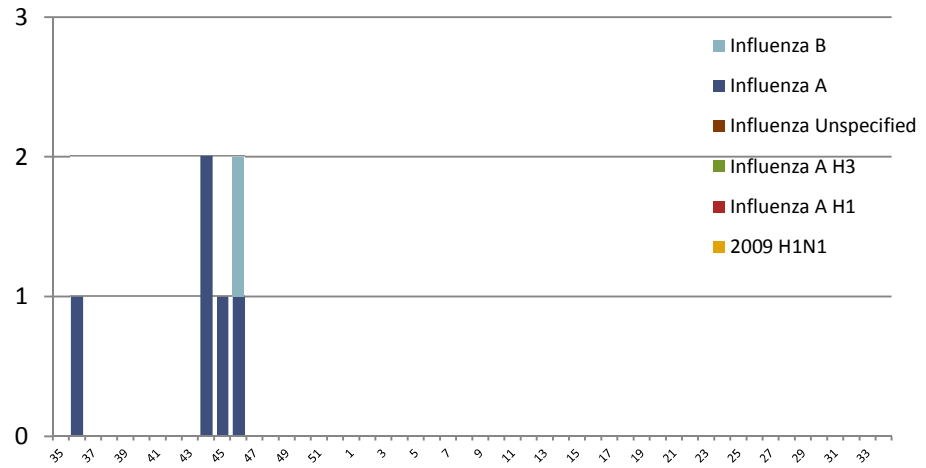


Week: 49

Friday, December 16, 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 0.80% 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

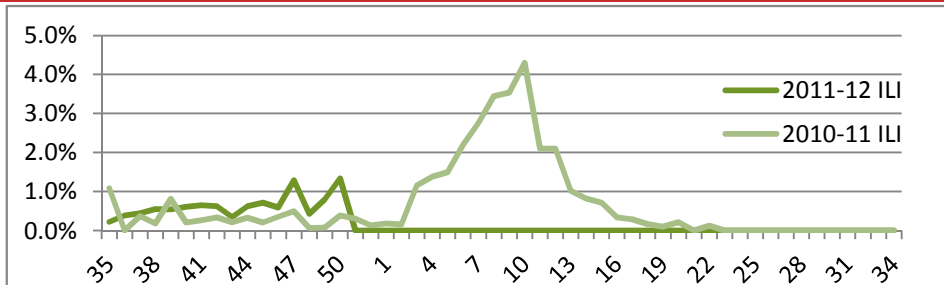
Female	3
Male	3

Outpatient Illness Surveillance--Influenza-like Illness

Week	% ILI	0-4	5-24	25-49	50-64	65+
47	1.29%	16	4	7	8	2
48	0.43%	3	3	3	1	4
49	0.80%	12	7	2	2	2

Cases by Age Group

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



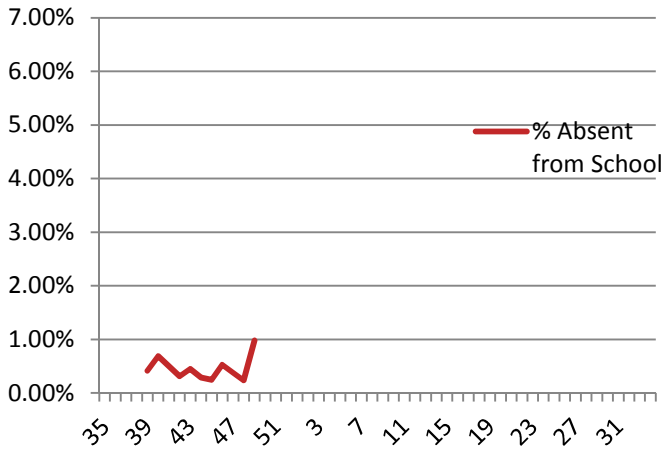
2011-12 North Dakota Weekly Influenza Update



Week: 49

Friday, December 16, 2011

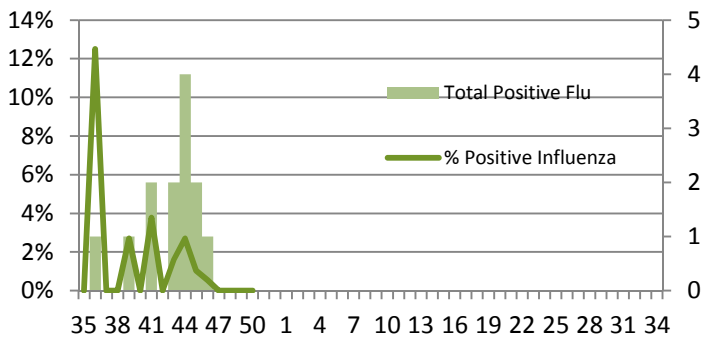
North Dakota School Surveillance



North Dakota School Surveillance:

- 4 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

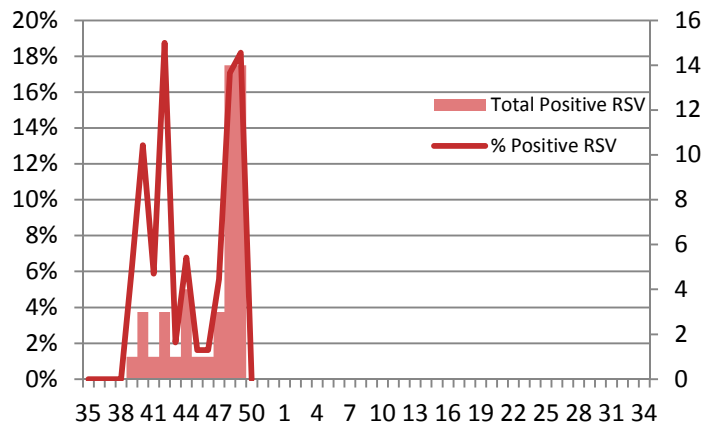


Sentinel Laboratory Surveillance

- 18 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



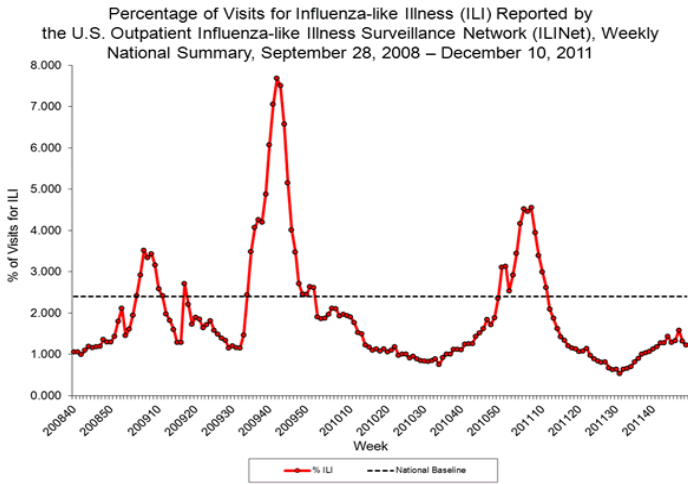
National Update



Week: 49

Friday, December 16, 2011

Influenza-like Illness--National Graph



National Updates

During week 49 (December 4-10, 2011), influenza activity remained low in the United States.

U.S. Virologic Surveillance: Of the 2,480 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, 48 (1.9%) were positive for influenza.

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

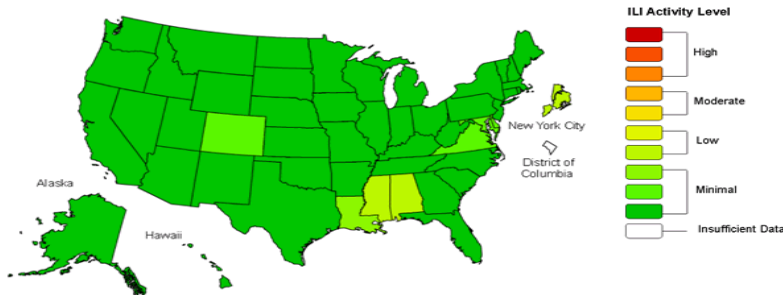
Influenza-associated Pediatric Mortality: No influenza-associated pediatric deaths were reported.

Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 1.2%, which is below the national baseline of 2.4%. All 10 regions reported ILI below region-specific baseline levels. Two states and New York City experienced low ILI activity, forty-eight states experienced minimal ILI activity, and the District of Columbia had insufficient data.

Geographic Spread of Influenza: The geographic spread of influenza in three states was reported as local; Guam, Puerto Rico, and 32 states reported sporadic activity, and the District of Columbia, the U.S. Virgin Islands, and 15 states reported no influenza activity.

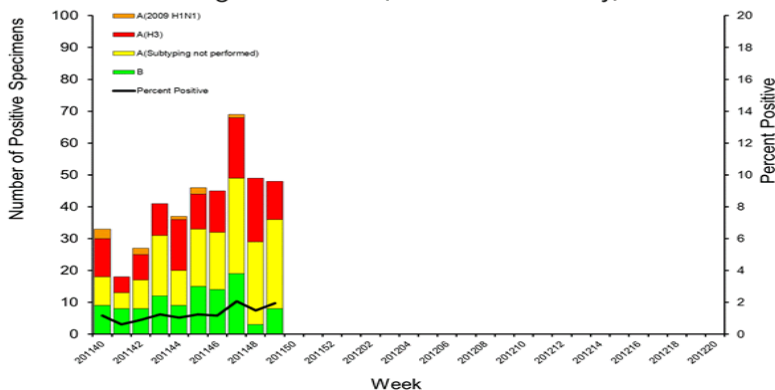
Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 49 ending Dec 10, 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 49
Number of Specimens Tested	2,480
Number of Positive Specimens	40 (1.9%)
Positive by Subtype	
Influenza A	40 (83.3%)
A (2009 H1N1)	0
A (H1)	0
A (H3)	12 (30.0%)
A (Untyped)	28 (70%)
Influenza B	8 (16.7%)