

2011-12 North Dakota Weekly Influenza Update



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Week: 16

Friday, April 27, 2012

1235 Total Influenza Cases

61 Hospitalizations

0 Deaths

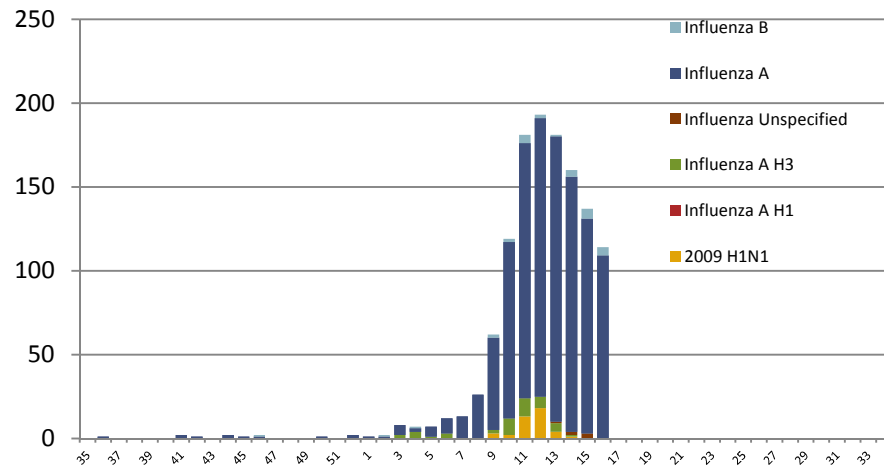
Current Summary:

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

Outpatient ILI Surveillance is well below baseline at 1.04%

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

Cases of Influenza by Subtype by Week

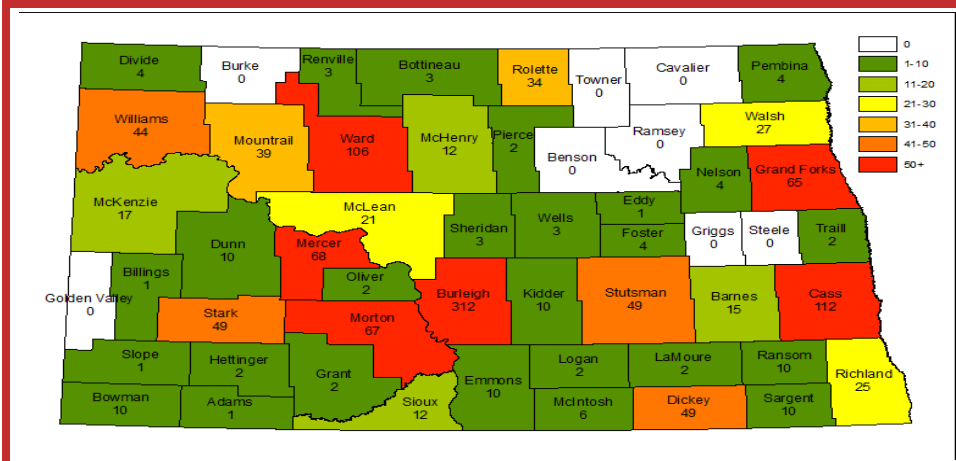


Respiratory Viruses

	Total
RSV A	5
RSV B	3
Rhinovirus	11
Adenovirus	4
Parainfluenza Virus	4
Human Metapneumovirus	5

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

Influenza Cases by County



Cases by Gender

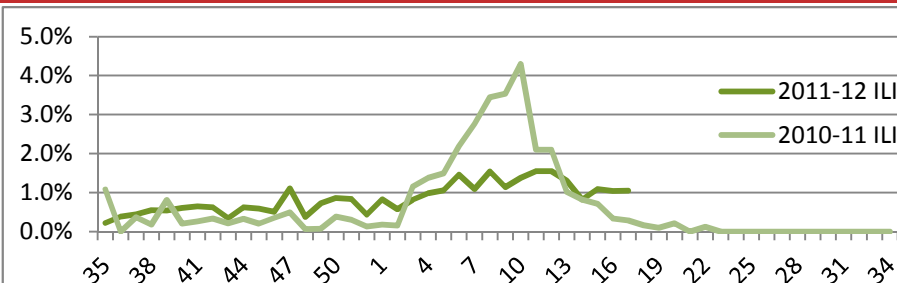
Female	610
Male	625

Outpatient Illness Surveillance--Influenza-like Illness

Week	% ILI	0-4	5-24	25-49	50-64	65+
14	0.82%	10	8	14	3	1
15	1.09%	16	14	6	5	6
16	1.04%	13	13	11	3	2

Cases by Age Group

<10	401
10-19	169
20-29	147
30-39	150
40-49	89
50-59	97
60+	182
TOTAL	1235



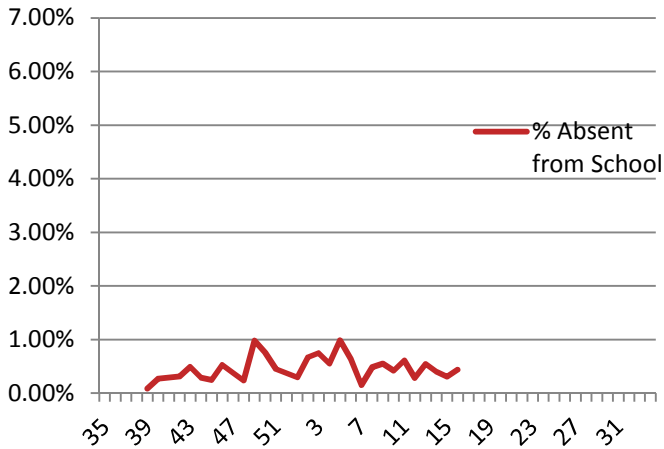
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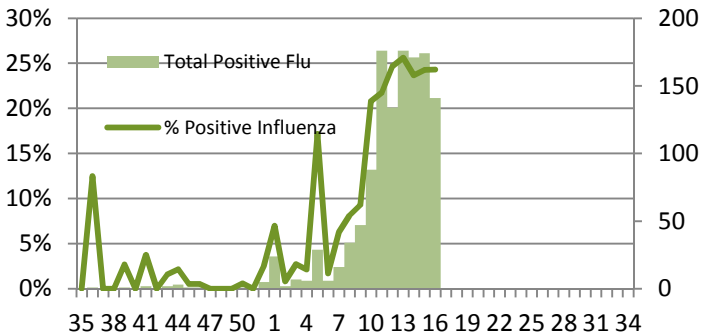
North Dakota School Surveillance



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

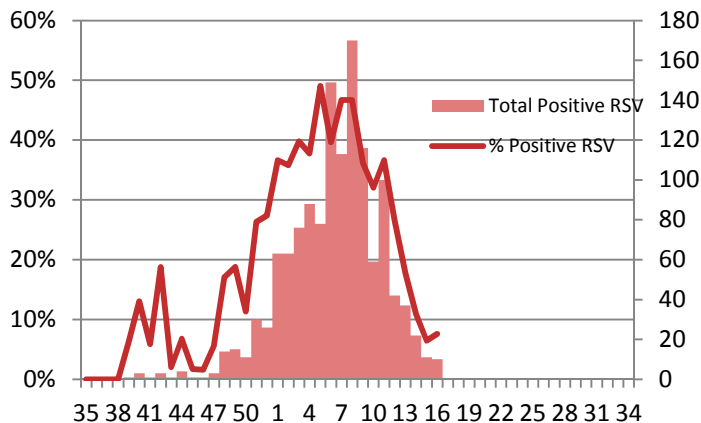


Sentinel Laboratory Surveillance

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

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

Sentinel Laboratories--RSV



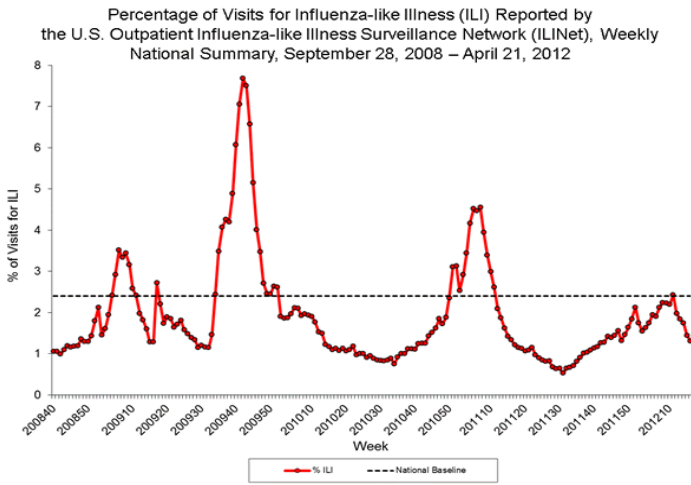
National Update



Week: 16

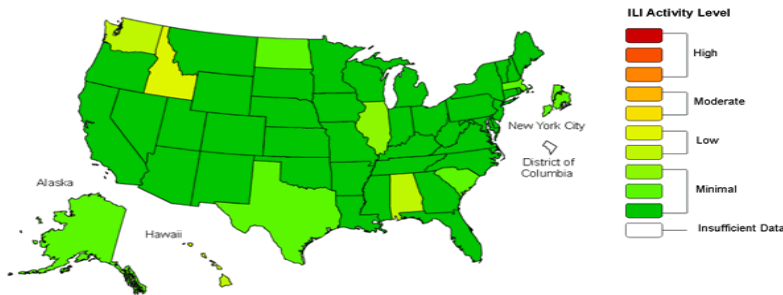
Friday, April 27, 2012

Influenza-like Illness--National Graph



Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2011-12 Influenza Season Week 16 ending Apr 21, 2012



National Updates

During week 16 (April 15-21, 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 2,987 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, 662 (22.2%) were positive for influenza.

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

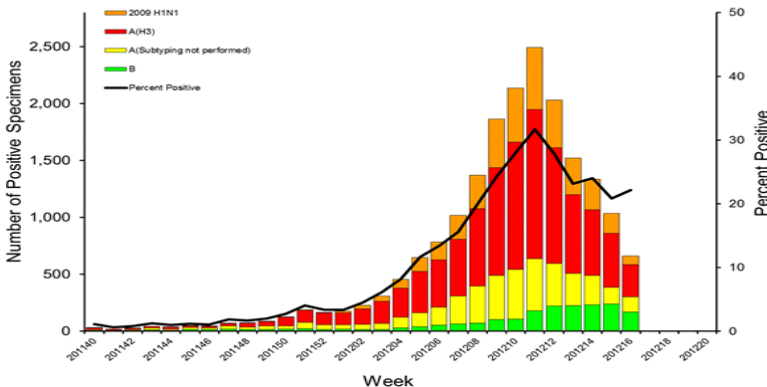
Influenza-associated Pediatric Mortality: Three influenza-associated pediatric deaths were reported. One was associated with a 2009 H1N1 virus, one was associated with a seasonal influenza A (H3) virus, and one was associated with an influenza A virus for which the subtype was not determined.

Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 1.3%, which is below the national baseline of 2.4%. Region 10 reported ILI above its region-specific baseline level. Four states experienced low ILI activity; New York City and 46 states experienced minimal ILI activity, and the District of Columbia had insufficient data to calculate ILI activity.

Geographic Spread of Influenza: Four states reported widespread geographic activity; 10 states reported regional influenza activity; 14 states reported local activity; the District of Columbia and 21 states reported sporadic activity; Guam, the U.S. Virgin Islands, and one state reported no influenza activity, and Puerto Rico did not report.

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 16
	2,987
Number of Positive Specimens	662 (22.2%)
Positive by Subtype	
Influenza A	491
A (2009 H1N1)	78
A (H1)	0
A (H3)	283
A (Untyped)	130
Influenza B	171