



2011-12 North Dakota Weekly Influenza Update

Week: 19

Friday, May 18, 2012

1433 Total Influenza Cases

69 Hospitalizations

0 Deaths

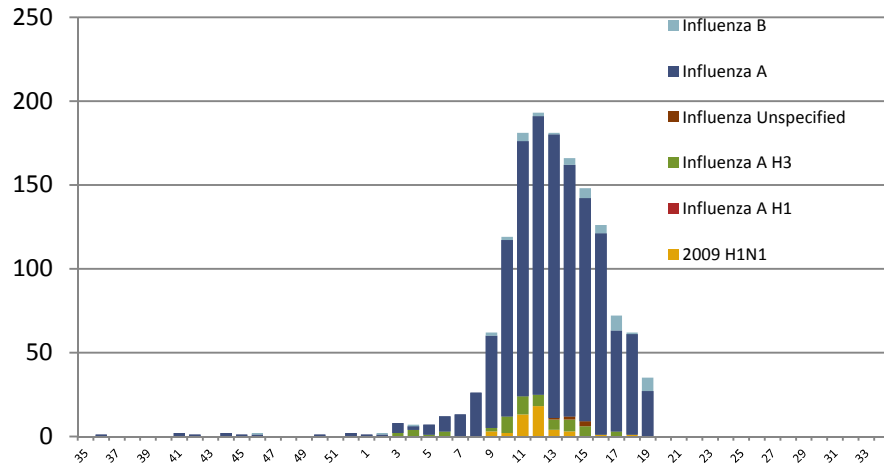
Current Summary:

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

Outpatient ILI Surveillance is well below baseline at 0.67%

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

Cases of Influenza by Subtype by Week

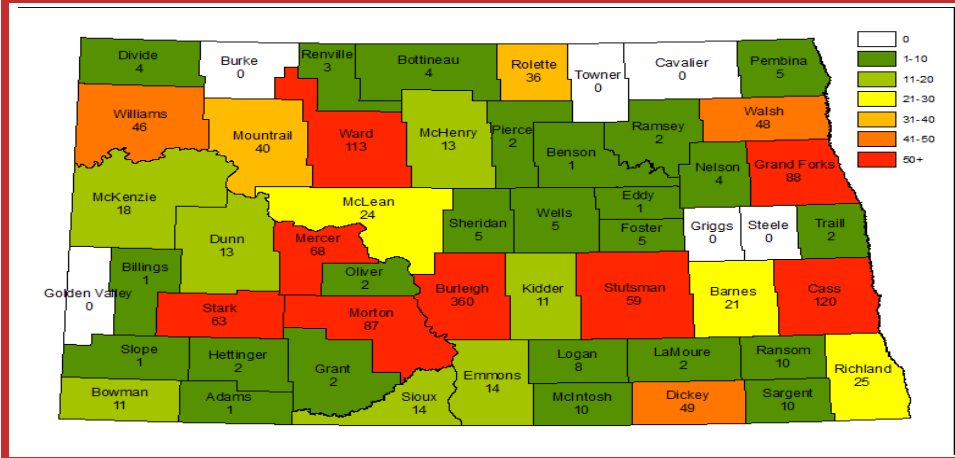


Respiratory Viruses

	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

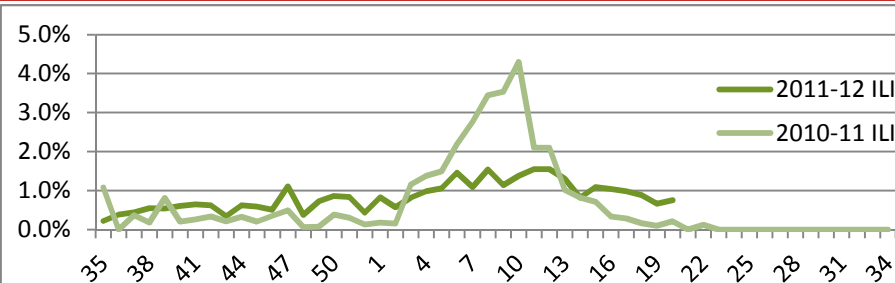
Female	722
Male	711

Outpatient Illness Surveillance--Influenza-like Illness

Week	% ILI	0-4	5-24	25-49	50-64	65+
17	0.99%	8	16	9	4	8
18	0.89%	7	10	11	3	5
19	0.67%	3	3	9	3	0

Cases by Age Group

<10	457
10-19	202
20-29	166
30-39	163
40-49	102
50-59	114
60+	229
TOTAL	1433



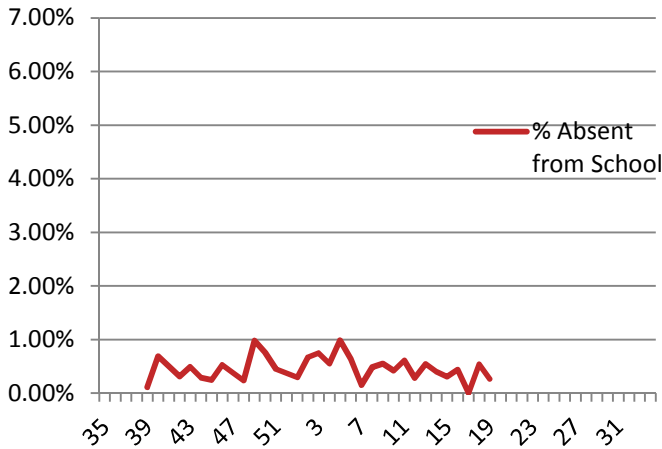
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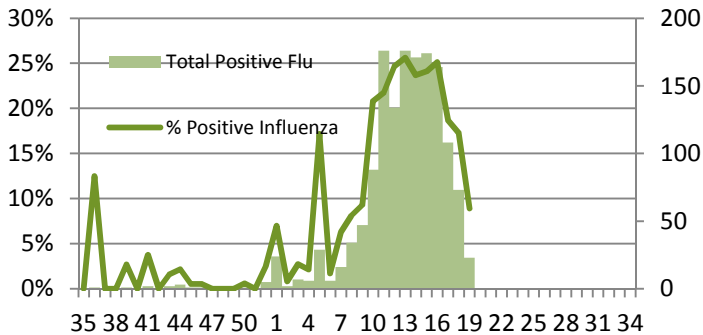
North Dakota School Surveillance



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

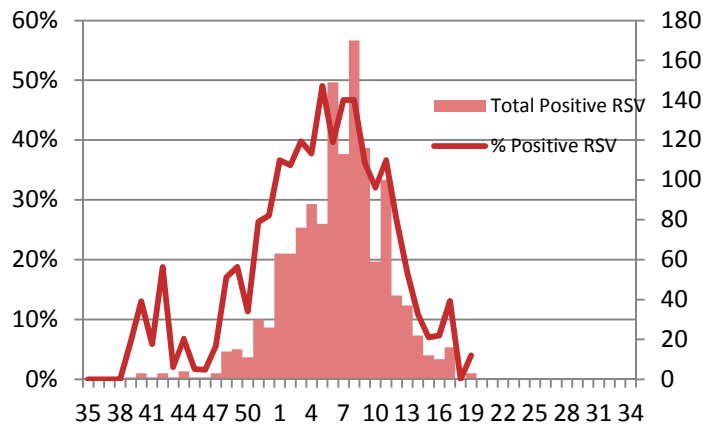


*These data do not represent all laboratory results for influenza.

Sentinel Laboratory Surveillance

- 15 North Dakota Laboratories Reporting
- The Percent Positivity for Influenza is decreasing.
- RSV activity peaked in Week 8. Seasonably late.

Sentinel Laboratories--RSV



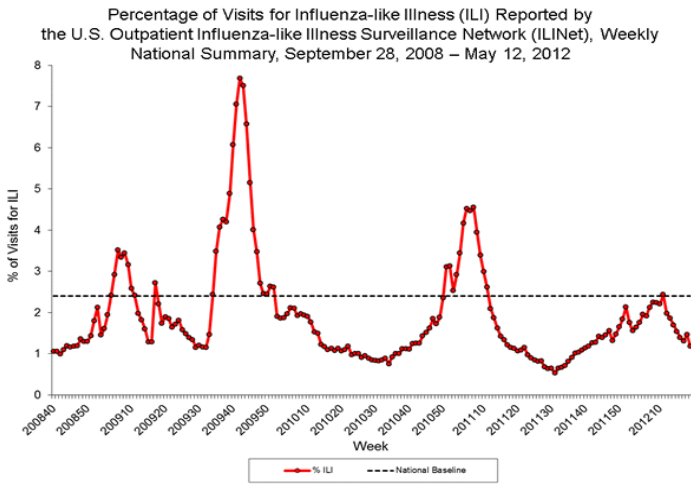
National Update



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Influenza-like Illness--National Graph



National Updates

During week 19 (May 6-12, 2012), influenza activity declined nationally and in most regions, but remained elevated in some areas of the United States.

U.S. Virologic Surveillance: Of the 2,171 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, 288 (13.3%) were positive for influenza.

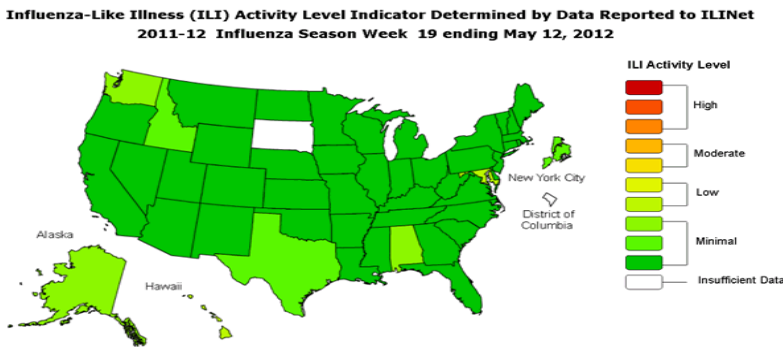
Pneumonia and Influenza (P&I) Mortality Surveillance: The proportion of deaths attributed to P&I was below the epidemic threshold.

Influenza-associated Pediatric Mortality: Two influenza-associated pediatric deaths were reported. One was associated with an influenza B virus and 1 was associated with an influenza A virus for which the subtype was not determined.

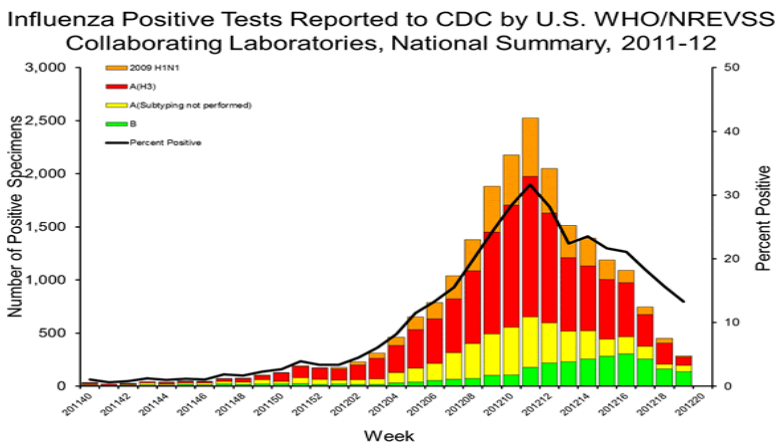
Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 1.2%, which is below the national baseline of 2.4%. All regions reported ILI below region-specific baseline levels. Two states experienced low ILI activity; New York City and 47 states experienced minimal ILI activity, and the District of Columbia and 1 state had insufficient data to calculate ILI activity.

Geographic Spread of Influenza: One state reported widespread geographic activity; 5 states reported regional influenza activity; 11 states reported local activity; the District of Columbia, Guam, Puerto Rico, and 30 states reported sporadic activity, and the U.S. Virgin Islands and 3 states reported no influenza activity.

Influenza-like Illness--National Map



Influenza Positive Lab Tests---National



Influenza Positive Lab Tests--National

Number of Specimens Tested	Week 19
	2,171
Number of Positive Specimens	288 (13.3%)
Positive by Subtype	
Influenza A	152
A (2009 H1N1)	12
A (H1)	0
A (H3)	61
A (Untyped)	79
Influenza B	136