



2011-12 North Dakota Weekly Influenza Update

Week: 20

Friday, May 25, 2012

1444 Total Influenza Cases

69 Hospitalizations

0 Deaths

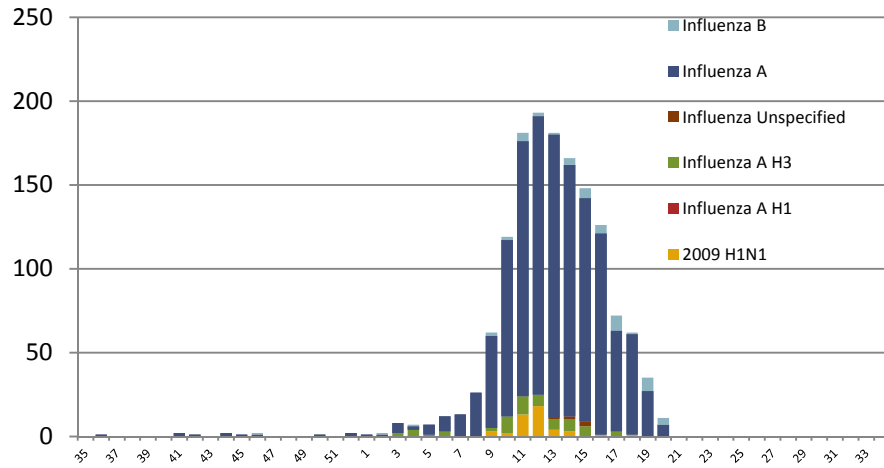
Current Summary:

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

Outpatient ILI Surveillance is well below baseline at 0.76%

There currently has been one death related directly to influenza reported this year (September 1, 2011 to present).

Cases of Influenza by Subtype by Week

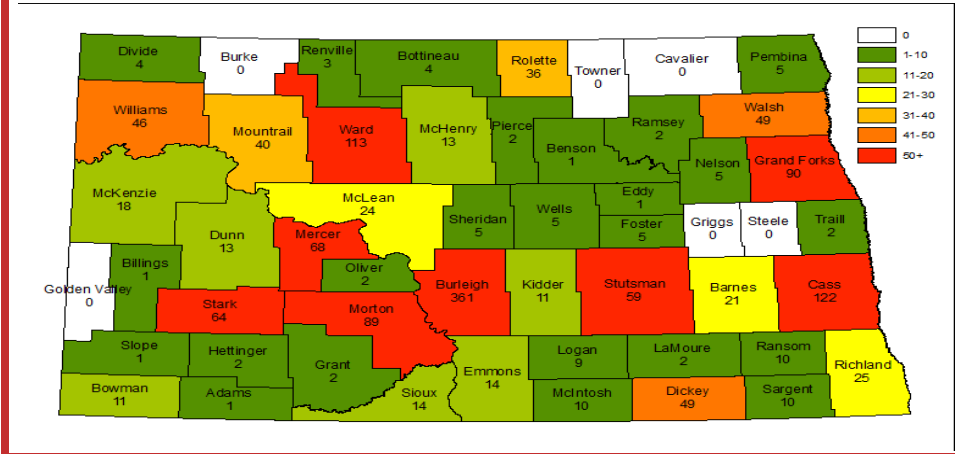


Respiratory Viruses

	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

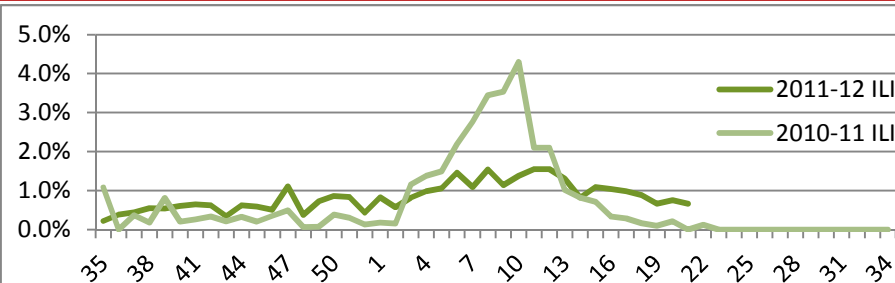
Female	728
Male	716

Outpatient Illness Surveillance--Influenza-like Illness

Week	% ILI	0-4	5-24	25-49	50-64	65+
18	0.89%	7	10	11	3	5
19	0.67%	3	3	9	3	0
20	0.76%	5	6	6	1	1

Cases by Age Group

<10	460
10-19	203
20-29	167
30-39	165
40-49	103
50-59	115
60+	231
TOTAL	1444



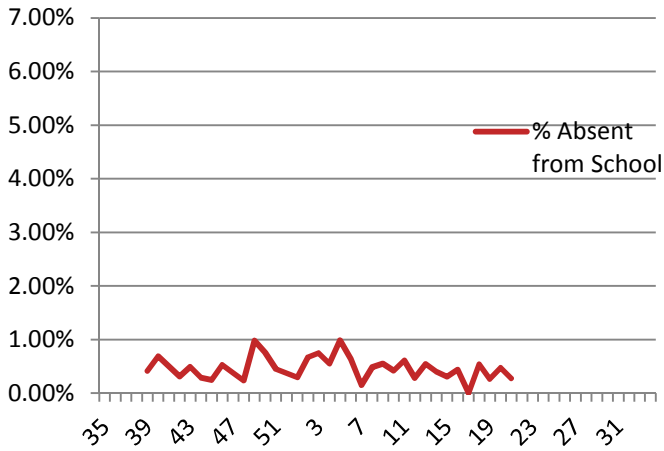
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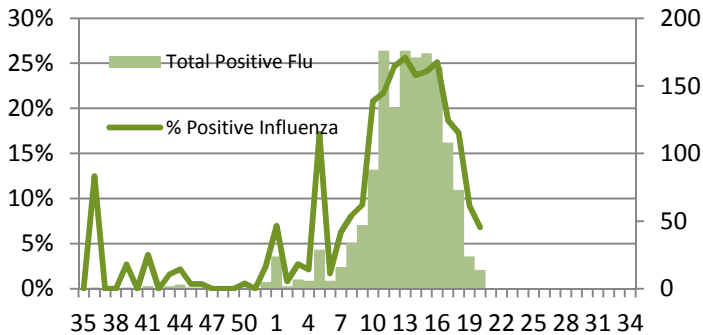
North Dakota School Surveillance



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

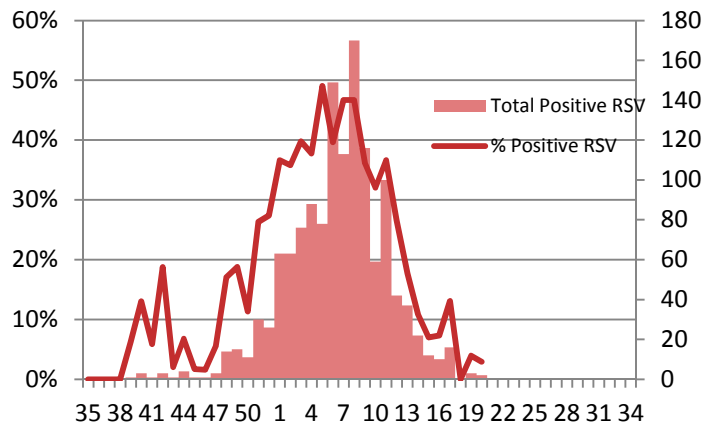


Sentinel Laboratory Surveillance

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

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

Sentinel Laboratories--RSV



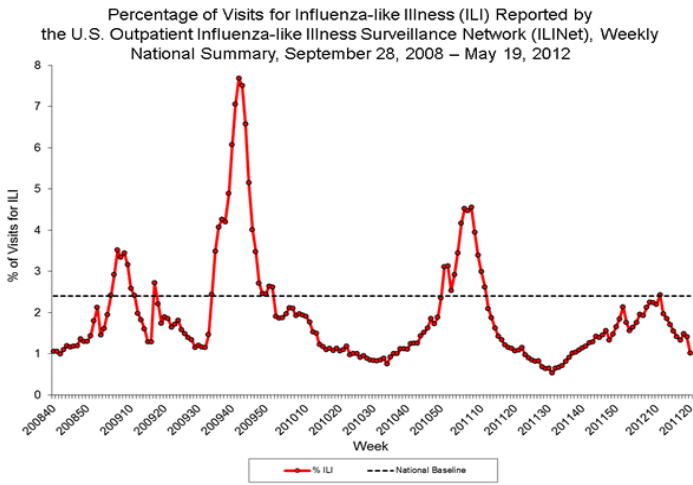
National Update



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Friday, May 25, 2012

Influenza-like Illness--National Graph



National Updates

During week 20 (May 13-19, 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 2,054 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, 286 (13.9%) were positive for influenza.

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

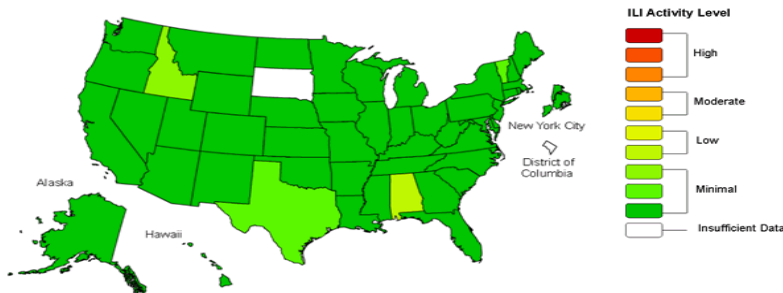
Influenza-associated Pediatric Mortality: Two influenza-associated pediatric deaths were reported. One was associated with a seasonal influenza A (H3) virus and one was associated with an influenza B virus.

Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 1.0%, which is below the national baseline of 2.4%. All regions reported ILI below region-specific baseline levels. One state experienced low ILI activity; New York City and 48 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; 2 states reported regional influenza activity; 8 states reported local activity; the District of Columbia, Guam, Puerto Rico, and 30 states reported sporadic activity; the U.S. Virgin Islands and 8 states reported no influenza activity, and one state did not report.

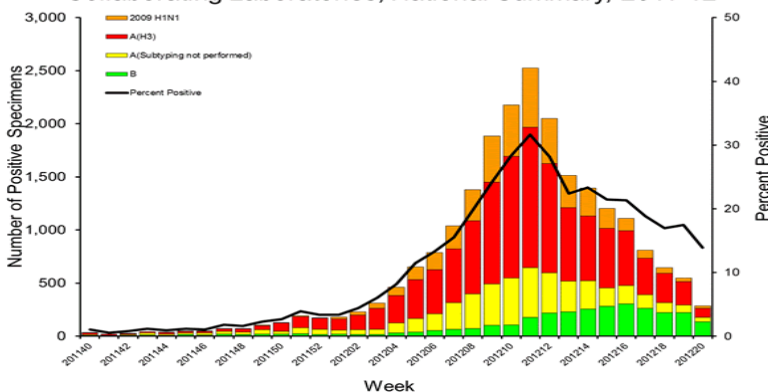
Influenza-like Illness--National Map

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 20 ending May 19, 2012



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 20
	2,054
Number of Positive Specimens	286 (13.9%)
Positive by Subtype	
Influenza A	150
A (2009 H1N1)	21
A (H1)	0
A (H3)	88
A (Untyped)	41
Influenza B	136