

WEEK 1

Ending 1/8/2010

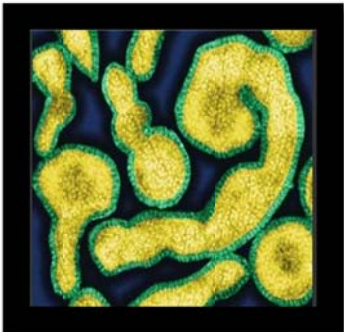
AT A GLANCE

- 1 ND has **80** reported cases of laboratory identified influenza.
- 2 There has been **6** reported influenza hospitalizations.
- 3 There have been **1** reported influenza deaths.

Influenza Surveillance Project*

Respiratory Viruses Identified		
Weeks	52-1	311
No. tested	0	11
Inf A 2009H1	0	0
Inf A H1	0	0
Inf A H3	0	0
Inf B	0	0
RSV	0	0
Parainfluenza	0	0
Rhinovirus	0	3
Adenovirus	0	1
Human Meta-pneumovirus	0	0

*Surveillance is conducted at select North Dakota facilities to monitor influenza-like illness, acute respiratory disease and evaluate other respiratory virus pathogens that contribute to influenza-like illness.



2010-11 Influenza Summary

Reported Influenza Cases*

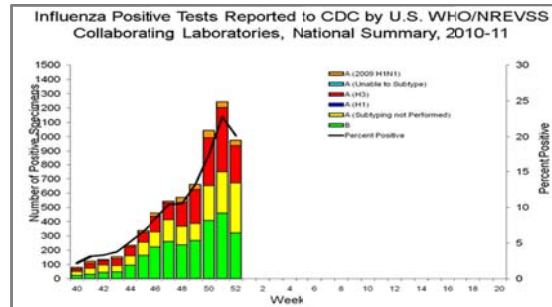


Week	Type A 2009 H1N1	Type A H1	Type A H3	Type A Unspecified	Type B	Unknown	Total
51	0	0	1	3	0	0	4
51	0	0	1	9	0	0	10
52	0	0	0	24	2	0	25
1	0	0	0	23	2	0	25
YTD	0	0	5	72	4	0	80

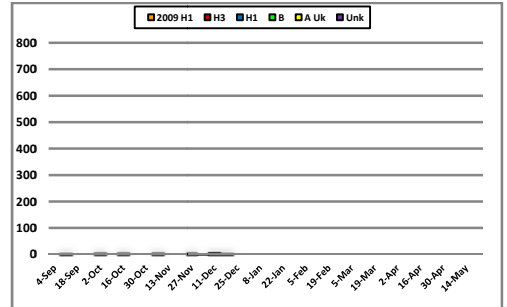
*Includes positive rapid, IFA, DFA, PCR tests and Culture

Influenza by Subtype

United States



North Dakota

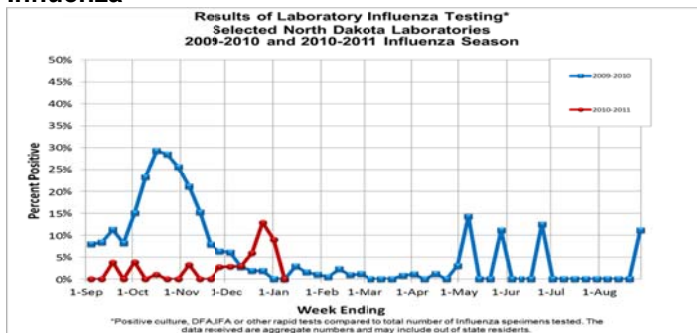


Influenza by Age Group

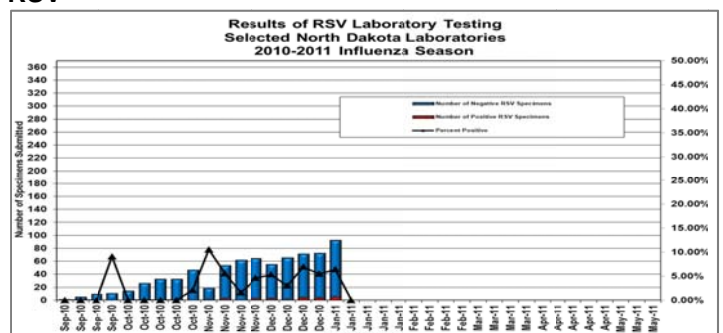
Week	<1	1-5	6-10	11-19	20-24	25-34	35-44	45-54	55-64	65+
50	0	1	1	1	0	0	0	0	0	1
51	0	1	2	0	0	2	1	2	0	2
52	0	4	2	1	4	4	2	4	2	2
1	1	6	2	4	2	6	0	2	0	2
YTD	5	14	9	9	6	13	6	8	3	7

Sentinel Laboratory Influenza & RSV Testing

Influenza



RSV



ILI Sentinel Provider Surveillance

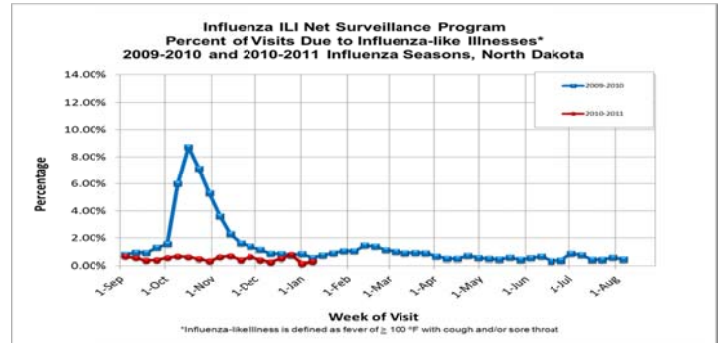
Select ND providers participate in the ILINet surveillance program.

Week	Percent Influenza-Like Illness (ILI)*	Number of Reported ILI				
		0-4	5-24	25-49	50-64	65+
50	0.40%	1	2	1	1	0
51	0.31%	0	2	1	0	0
52	0.13%	0	1	0	0	0
1	0.20%	0	1	1	0	0

*Influenza-like Illness is defined as fever $\geq 100^{\circ}\text{F}$ with cough and/or sore throat.

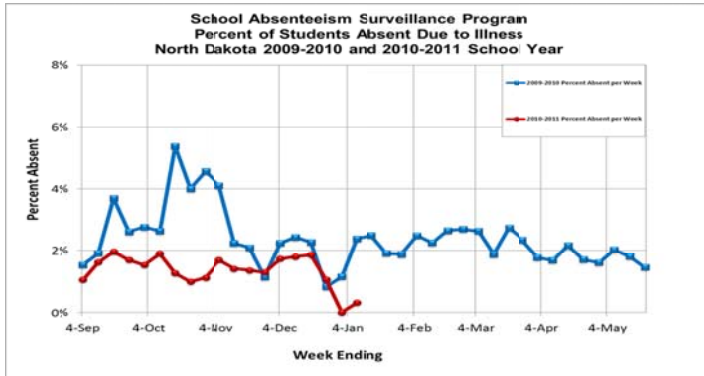
Nation-wide: 1.5% of patient visits reported via ILINet were ILI.

North Dakota

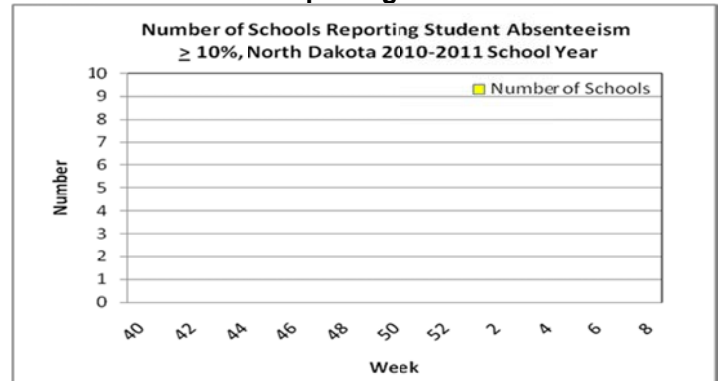


School Absenteeism Surveillance

Percent of Students Absent Due to Illness

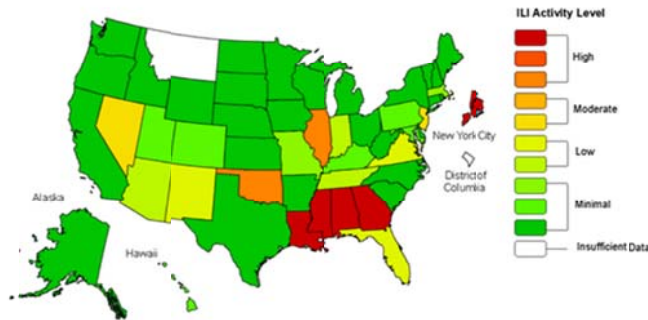


Number of Schools Reporting Absenteeism >10%



National Influenza Activity

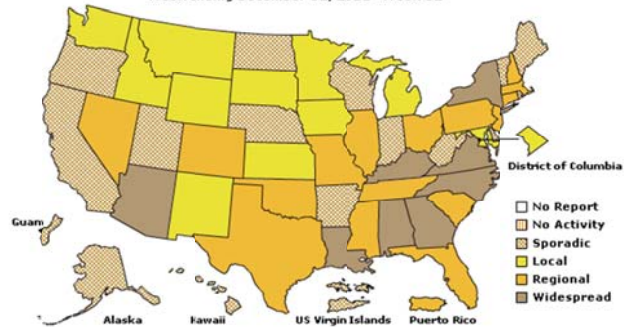
Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2010-11 Influenza Season Week 52 ending Jan 01, 2011



Please note:

This map uses the proportion of outpatient visits to health care providers for influenza-like illness to measure the ILI activity level within a state. It does not, however, measure the extent of geographic spread of flu within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels. Data collected in ILINet may disproportionately represent certain populations within a state, and therefore, may not accurately depict the full picture of influenza activity for the whole state.

A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*
Week Ending December 31, 2011- Week 52



Please note:

This map indicates geographic spread and does not measure the severity of influenza activity.