

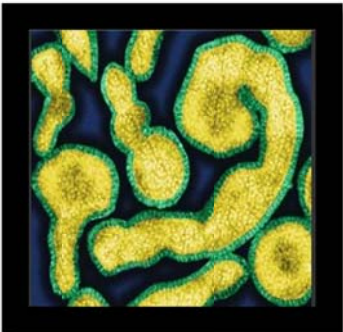
AT A GLANCE

- 1 ND has **26** reported cases of laboratory identified influenza.
- 2 There has been **2** reported influenza hospitalizations.
- 3 There have been **0** reported influenza deaths.

Influenza Surveillance Project*

Respiratory Viruses Identified		
Weeks	50-51	31-51
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*

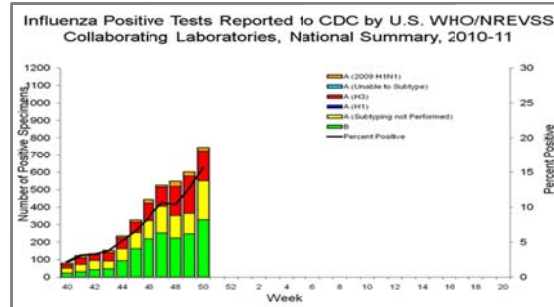


Week	Type A 2009 H1N1	Type A H1	Type A H3	Type A Unspecified	Type B	Unknown	Total
48	0	0	2	0	0	0	2
49	0	0	1	3	0	0	4
50	0	0	0	4	0	0	4
51	0	0	0	7	0	0	7
YTD	0	0	3	23	0	0	26

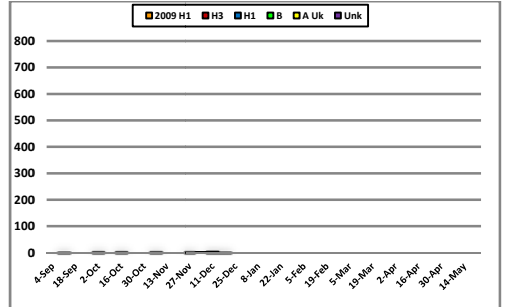
*Includes positive rapid, IFA, DFA, PCR tests and Culture

Influenza by Subtype

United States



North Dakota

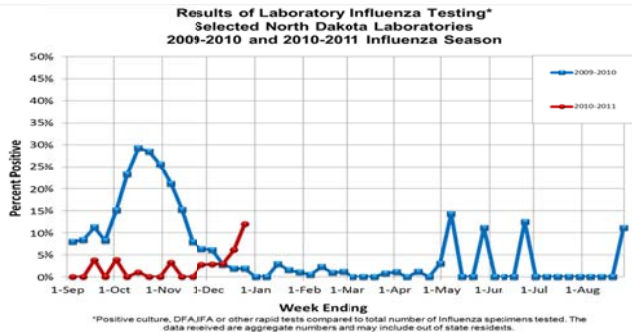


Influenza by Age Group

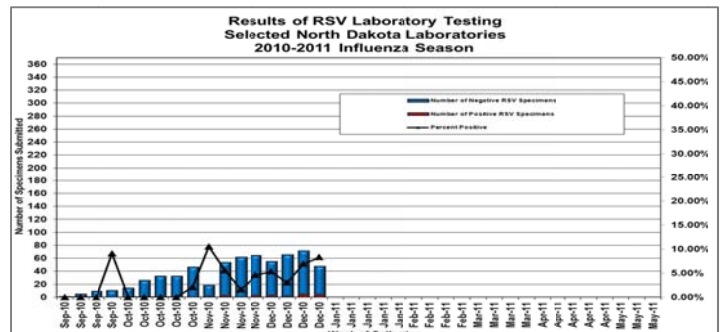
Week	<1	1-5	6-10	11-19	20-24	25-34	35-44	45-54	55-64	65+
48	0	1	0	1	0	0	0	0	0	0
49	1	0	1	1	0	0	1	0	0	0
50	0	1	1	1	0	0	0	0	0	1
51	0	1	1	0	0	2	0	2	0	1
YTD	4	4	4	3	0	3	3	2	1	2

Sentinel Laboratory Influenza & RSV Testing

Influenza



RSV



ILI Sentinel Provider Surveillance

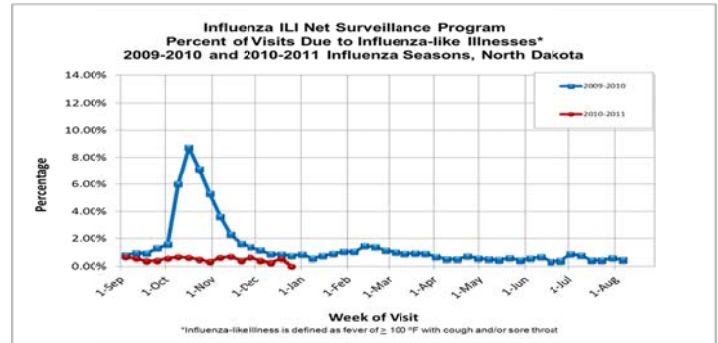
Select ND providers participate in the ILINet surveillance program.

Week	Percent Influenza-Like Illness (ILI)*	Number of Reported ILI				
		0-4	5-24	25-49	50-64	65+
46	0.43%	0	1	2	0	0
47	0.66%	4	1	1	0	0
48	0.07%	0	1	0	0	0
49	0.06%	0	1	0	0	0

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

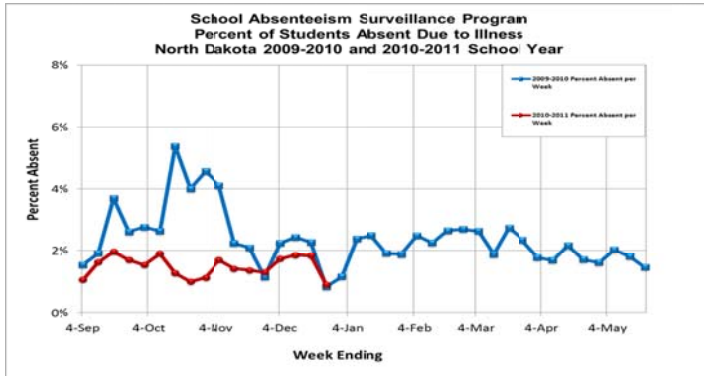
Nation-wide: 1.5% of patient visits reported via ILINet were ILI.

North Dakota

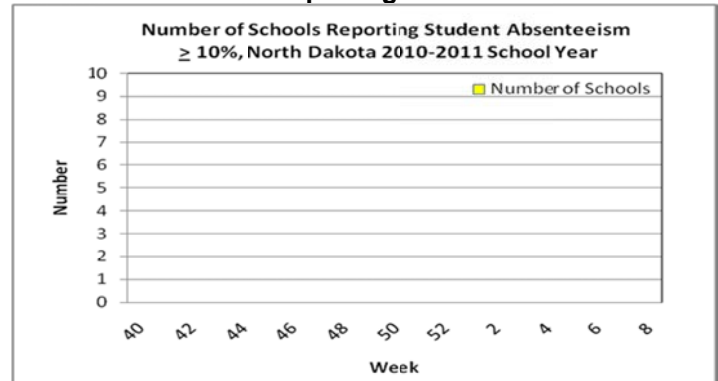


School Absenteeism Surveillance

Percent of Students Absent Due to Illness

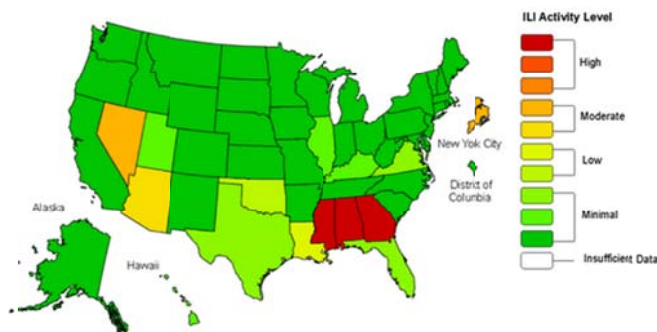


Number of Schools Reporting Absenteeism >10%



National Influenza Activity

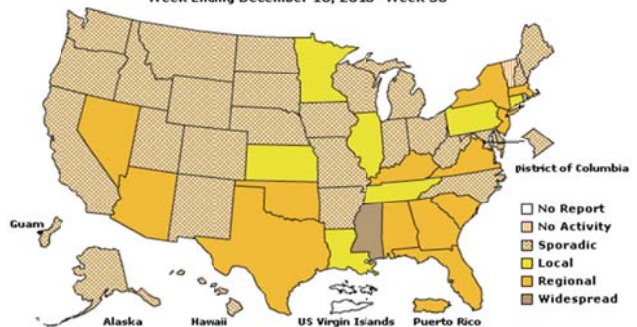
Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2010-11 Influenza Season Week 50 ending Dec 18, 2010



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 18, 2010- Week 50



Please note:

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