

North Dakota Department of Health Influenza Summary 2010-2011

Division of Disease Control
FOR THE WEEK ENDING
December 4, 2010
WEEK 48

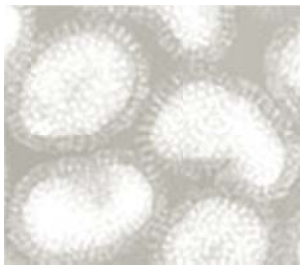
AT A GLANCE

- 1** ND has 11 reports of laboratory identified influenza.
- 2** Number of reported influenza deaths: 0
- 3** Influenza Hospitalizations: 1

Influenza Surveillance Project*

Respiratory Viruses Identified		
Weeks	47-48	31-46
No. tested	0	14
Inf A 2009H1		0
Inf A H1		0
Inf A H3		0
Inf B		0
RSV		0
Parainfluenza		0
Rhinovirus		3
Adenovirus		1
Human Meta-pneumovirus		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.



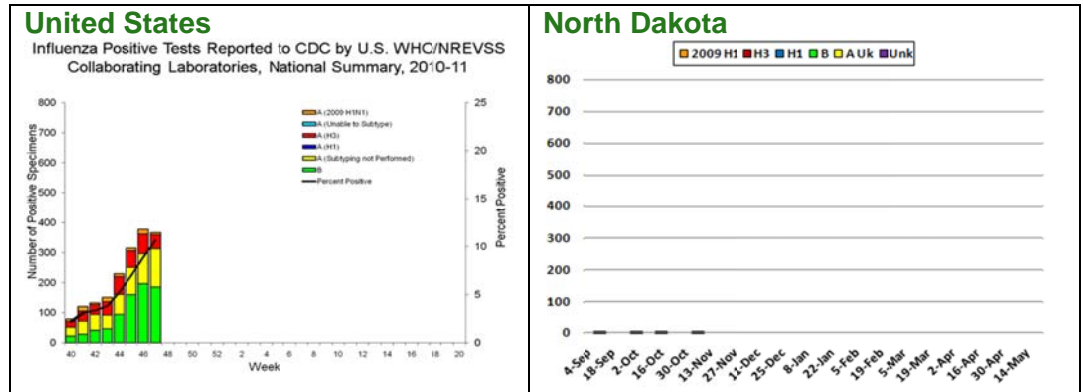
REPORTED INFLUENZA CASES*



Week	Type A 2009 H1N1	Type A H1	Type A H3	Type A Unspecified	Type B	Unknown	Total
45	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0
47	0	0	0	2	0	0	2
48	0	0	2	0	0	0	2
YTD	0	0	2	9	0	0	11

*Includes positive rapid tests, DFA, IFA, PCR and culture.

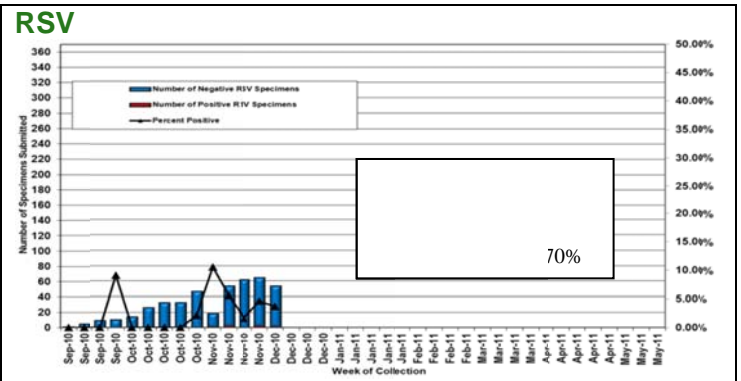
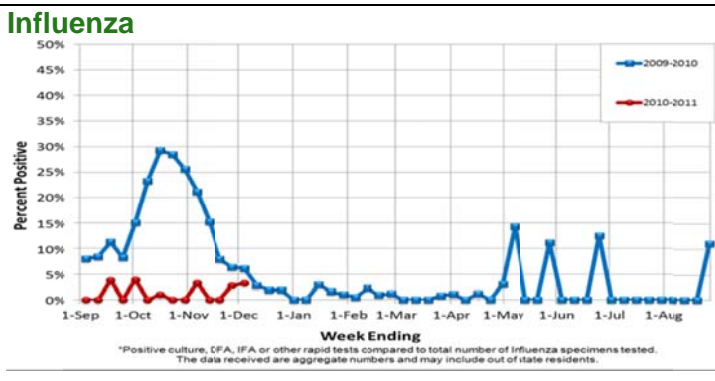
INFLUENZA BY SUBTYPE



INFLUENZA BY AGE GROUP

Week	<1	1-5	6-10	11-19	20-24	25-34	35-44	45-54	55-64	65+
45	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0
47	1	0	0	0	0	1	0	0	0	0
48	0	1	0	1	0	0	0	0	0	0
YTD	3	2	1	1	0	1	2	0	1	0

SENTINEL LAB INFLUENZA AND RSV TESTING



ILINET SENTINEL PROVIDER SURVEILLANCE

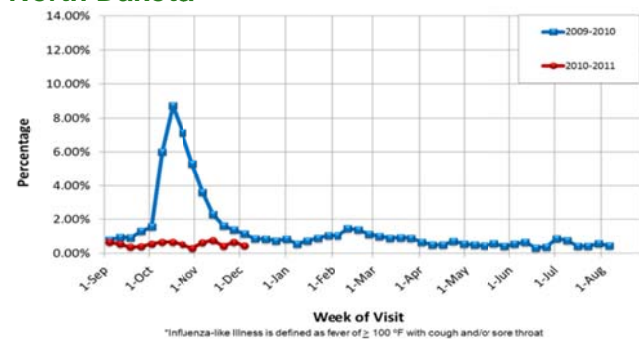
Week	Percent Influenza-Like Illness (ILI)*	Number of Reported ILI				
		0-4	5-24	25-49	50-64	65+
45	0.30%	0	2	2	0	0
46	0.41%	0	4	2	0	0
47	0.61%	4	1	1	0	0
48	0.10%	0	1	0	0	0

Select ND providers participate in the ILINet surveillance program.

*Influenza-like Illness is defined as fever \geq 100°F with cough and/or sore throat.

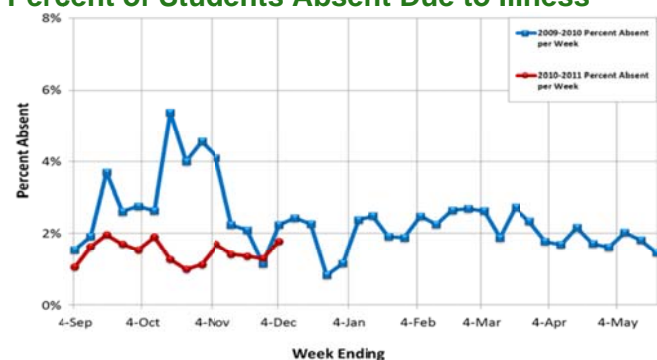
Nation-wide: 1.9% of patient visits reported via ILINet were ILI.

North Dakota

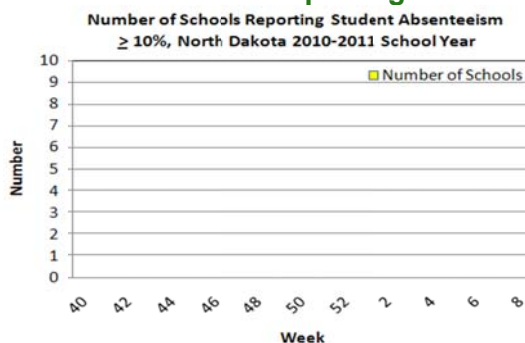


SCHOOL ABSENTEEISM SURVEILLANCE

Percent of Students Absent Due to Illness

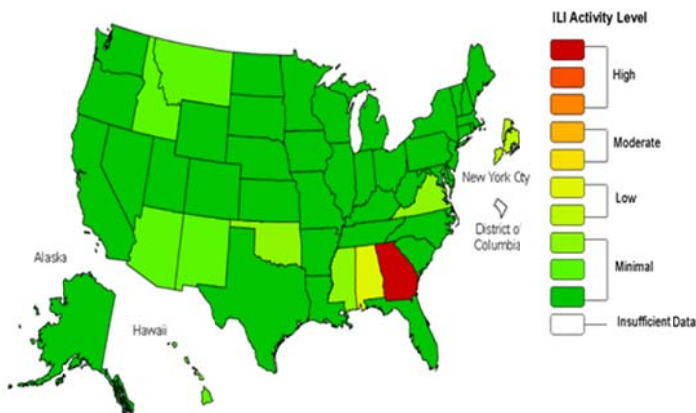


Number of Schools Reporting Absenteeism \geq 10%



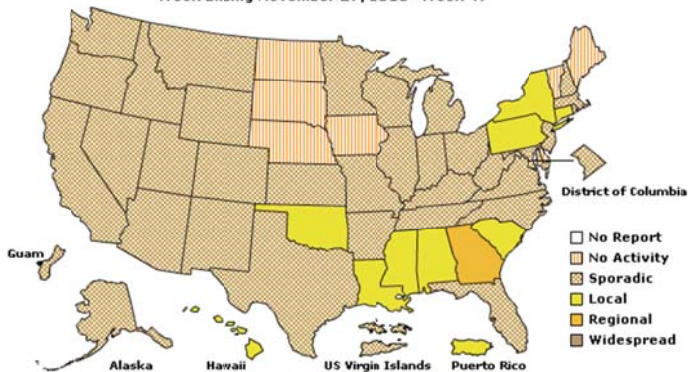
NATION-WIDE INFLUENZA ACTIVITY

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2010-11 Influenza Season Week 47 ending Nov 27, 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 November 27, 2010- Week 47



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