

North Dakota Department of Health Influenza Summary 2010-2011

Division of Disease Control
FOR THE WEEK ENDING
November 6, 2010
WEEK 44

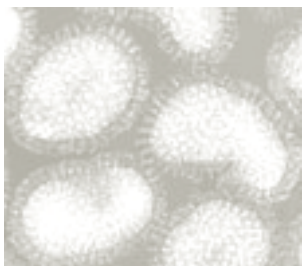
AT A GLANCE

- 1** ND has 7 reports of laboratory identified influenza.
- 2** Number of reported influenza deaths: 0
- 3** Influenza Hospitalizations: 0

Influenza Surveillance Project*

Respiratory Viruses Identified		
Weeks	41-42	31-42
No. tested	0	7
Inf A 2009H1		0
Inf A H1		0
Inf A H3		0
Inf B		0
RSV		0
Parainfluenza		0
Rhinovirus		1
Adenovirus		0
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.



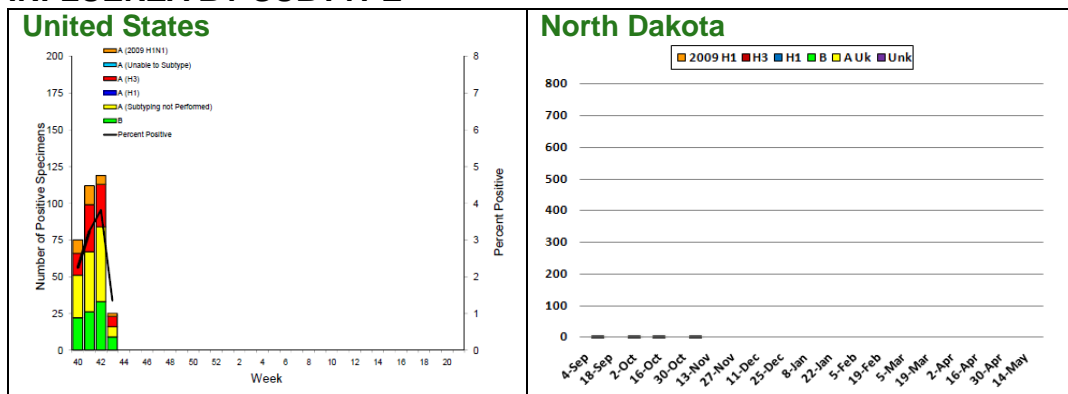
REPORTED INFLUENZA CASES*



Week	Type A 2009 H1N1	Type A H1	Type A H3	Type A Unspecified	Type B	Unknown	Total
41	0	0	0	2	0	0	2
42	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0
44	0	0	0	2	0	0	0
YTD	0	0	0	7	0	0	7

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

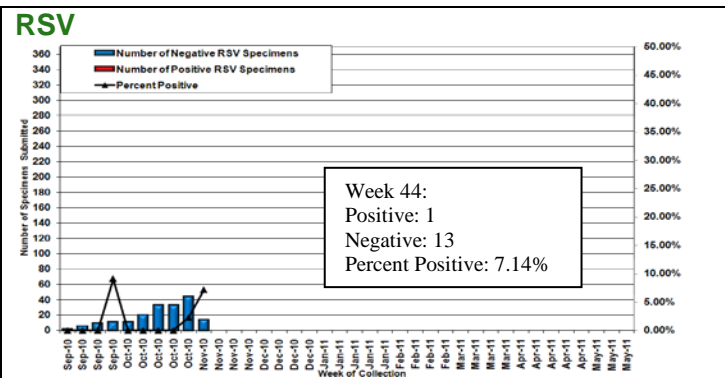
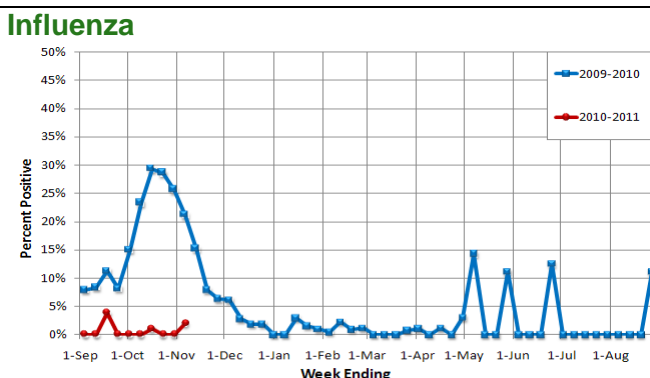
INFLUENZA BY SUBTYPE



INFLUENZA BY AGE GROUP

Week	<1	1-5	6-10	11-19	20-24	25-34	35-44	45-54	55-64	65+
41	0	0	0	0	0	0	1	0	1	0
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0
44	0	0	1	0	0	0	1	0	0	0
YTD	2	1	1	0	0	0	2	0	1	0

SENTINEL LAB INFLUENZA AND RSV TESTING



ILINET SENTINEL PROVIDER SURVEILLANCE

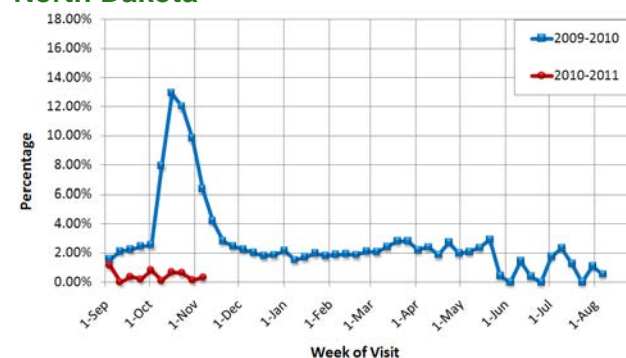
Week	Percent Influenza-Like Illness (ILI)*	Number of Reported ILI				
		0-4	5-24	25-49	50-64	65+
41	0.33%	1	3	1	0	0
42	0.48%	1	0	1	3	0
43	0.15%	0	0	1	1	0
44	0.30%	0	3	0	1	0

Select ND providers participate in the ILINet surveillance program.

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

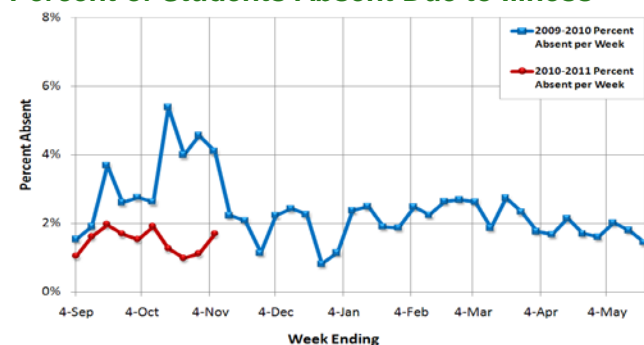
Nation-wide: 1.3% of patient visits reported via ILINet were ILI.

North Dakota

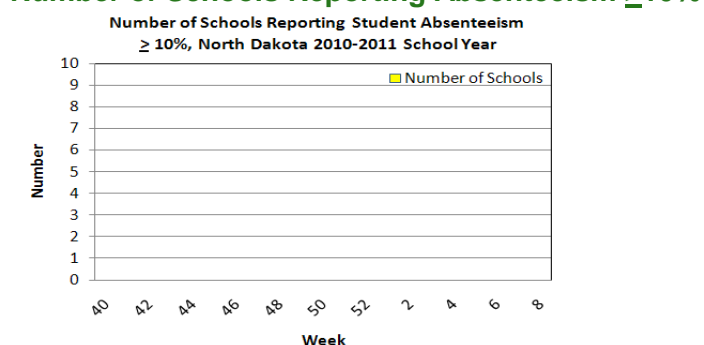


SCHOOL ABSENTEEISM SURVEILLANCE

Percent of Students Absent Due to Illness

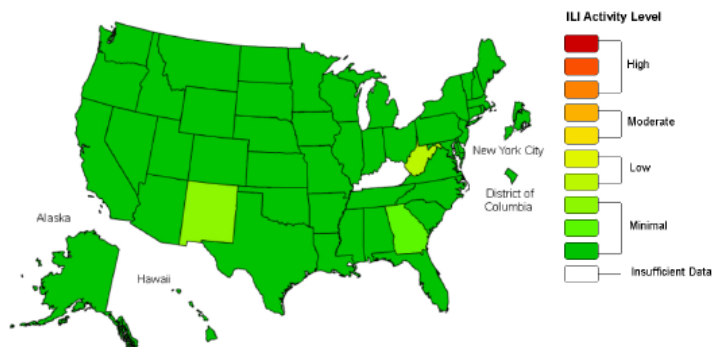


Number of Schools Reporting Absenteeism $\geq 10\%$



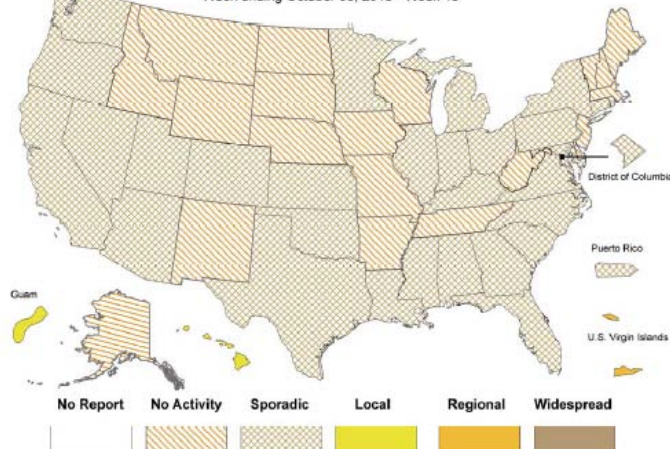
NATION-WIDE INFLUENZA ACTIVITY

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2010-11 Influenza Season Week 43 ending Oct 30, 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.

Weekly Influenza Activity Estimates Reported by State & Territorial Epidemiologists*
Week ending October 30, 2010 - Week 43



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