

# North Dakota Department of Health Influenza Summary 2010-2011

**Division of Disease Control**  
**FOR THE WEEK ENDING**  
**November 13, 2010**  
**WEEK 45**

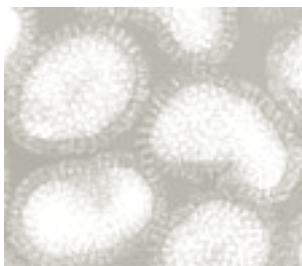
**AT A GLANCE**

- 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.



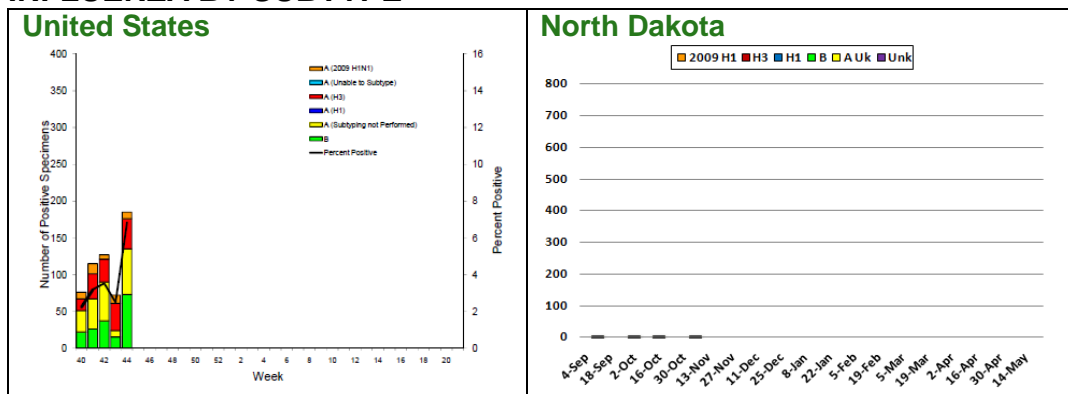
**REPORTED INFLUENZA CASES\***



Week	Type A 2009 H1N1	Type A H1	Type A H3	Type A Unspecified	Type B	Unknown	Total
42	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0
44	0	0	0	2	0	0	0
45	0	0	0	0	0	0	0
<b>YTD</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>7</b>

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

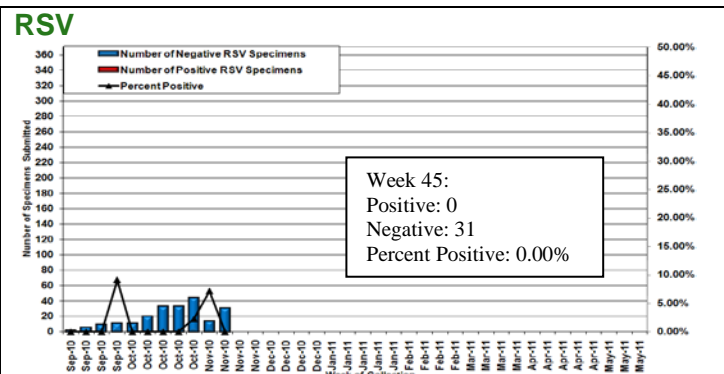
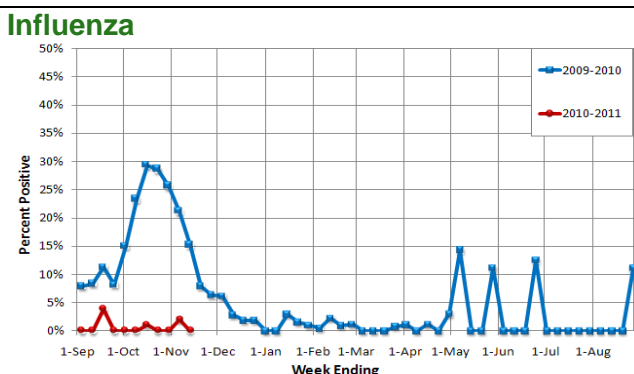
**INFLUENZA BY SUBTYPE**



**INFLUENZA BY AGE GROUP**

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

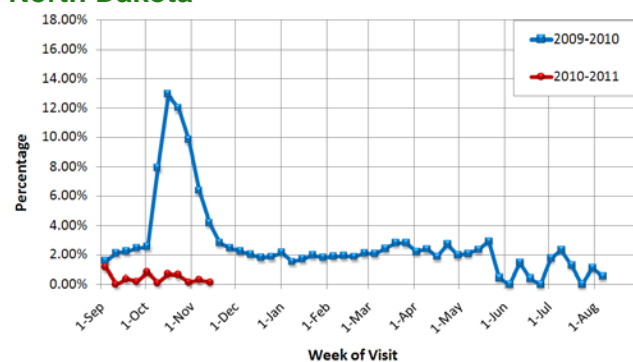
**SENTINEL LAB INFLUENZA AND RSV TESTING**



### ILINET SENTINEL PROVIDER SURVEILLANCE

Week	Percent Influenza-Like Illness (ILI)*	Number of Reported ILI				
		0-4	5-24	25-49	50-64	65+
42	0.48%	1	0	1	3	0
43	0.15%	0	0	1	1	0
44	0.30%	0	3	0	1	0
45	0.15%	0	1	0	0	0

### North Dakota



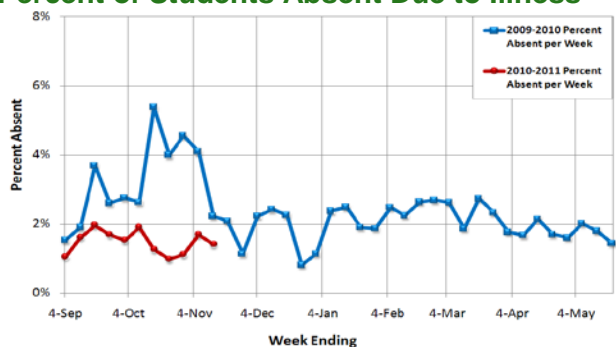
Select ND providers participate in the ILINet surveillance program.

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

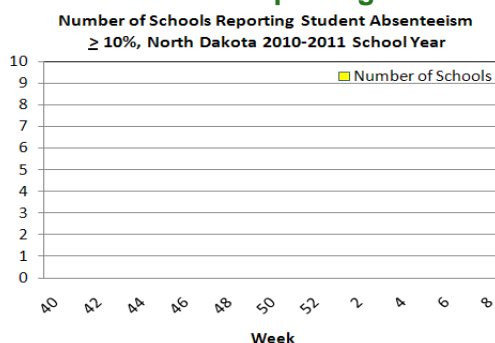
Nation-wide: 1.3% of patient visits reported via ILINet were ILI.

### SCHOOL ABSENTEEISM SURVEILLANCE

#### Percent of Students Absent Due to Illness

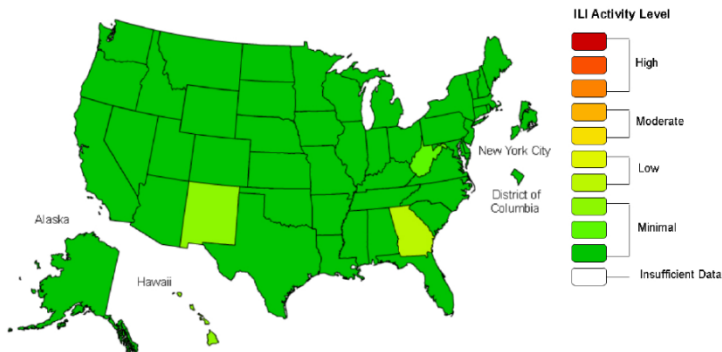


#### Number of Schools Reporting Absenteeism $\geq 10\%$



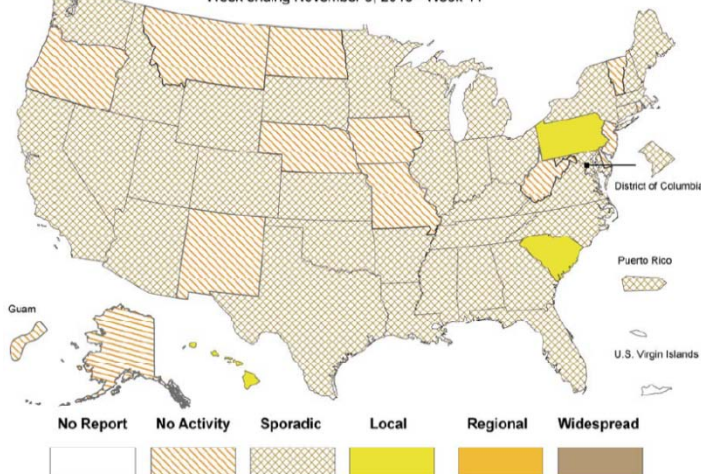
### NATION-WIDE INFLUENZA ACTIVITY

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet  
2010-11 Influenza Season Week 44 ending Nov 06, 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 November 6, 2010 - Week 44



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