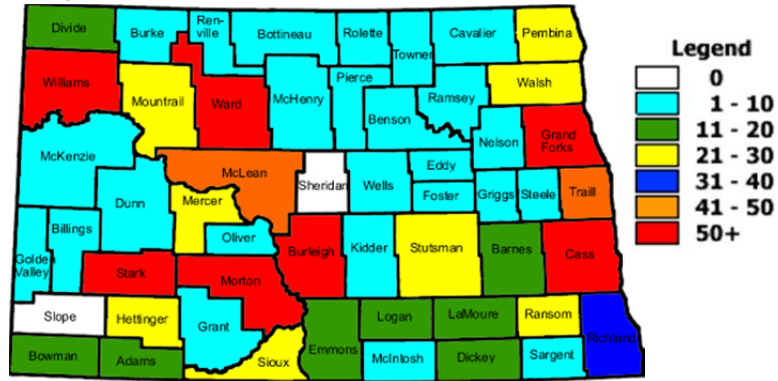


# 2010-11 Influenza Summary

## Reported Influenza Cases\*



WEEK	2009 H1N1	Inf AH1	Inf AH3	Inf A Untyped	Inf B	Inf Unk	Total
12	7	0	4	71	64	0	146
13	2	0	4	41	57	0	104
14	0	0	5	54	39	0	98
15	0	0	0	16	17	0	33
<b>YTD</b>	<b>118</b>	<b>0</b>	<b>90</b>	<b>1292</b>	<b>507</b>	<b>4</b>	<b>2011</b>

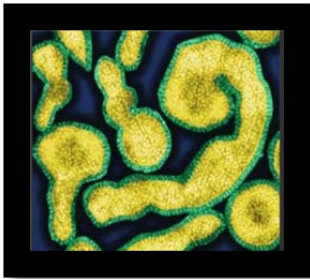
### AT A GLANCE

- 2011 Number of reported cases of laboratory identified Influenza in ND
- 78 Reported influenza hospitalizations.
- 3 Reported influenza deaths.

### Influenza Surveillance Project\*

Respiratory Viruses Identified		
Weeks	14-115	31-15
No. tested	0	46
Inf A 2009H1	0	3
Inf A H1	0	0
Inf A H3	0	5
Inf B	0	1
RSV	0	0
Parainfluenza	0	2
Rhinovirus	0	5
Adenovirus	0	3
Human Meta-pneumovirus	0	0

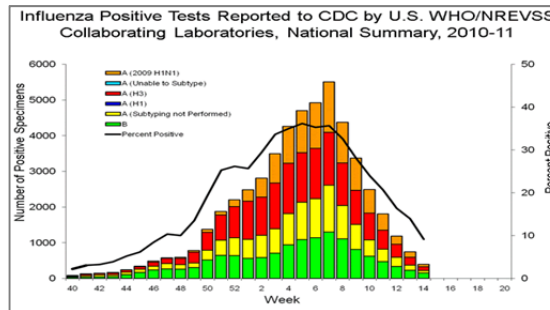
\*Surveillance is conducted at select North Dakota facilities to monitor influenza-like illness, acute respiratory disease and evaluate other respiratory virus pathogens that contribute to influenza-like illness.



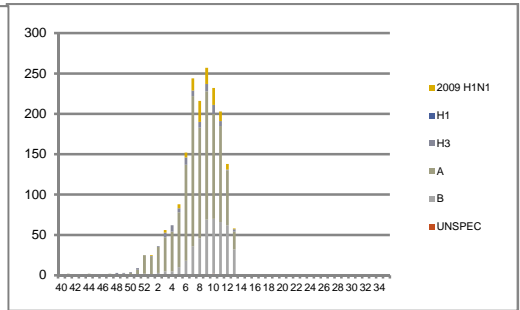
\*Includes positive rapid, IFA, DFA, PCR tests and Culture

## Influenza by Subtype

United States



North Dakota

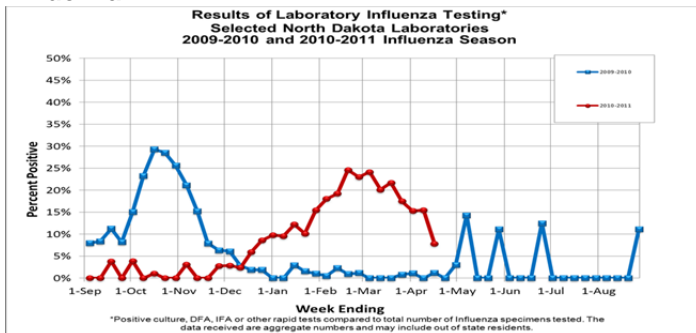


## Influenza by Age Group

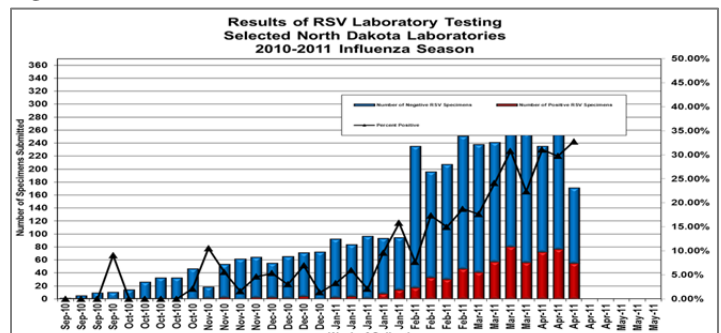
WEEK	<1	1-5	6-10	11-19	20-24	25-34	35-44	45-54	55-64	65+	TOTAL
12	4	30	26	23	6	16	8	10	8	15	146
13	7	19	26	20	6	5	5	6	3	7	104
14	3	22	25	7	5	9	8	1	2	16	98
15	1	7	4	6	0	3	2	0	0	10	33
<b>YTD</b>	<b>83</b>	<b>387</b>	<b>318</b>	<b>306</b>	<b>174</b>	<b>256</b>	<b>125</b>	<b>131</b>	<b>88</b>	<b>143</b>	<b>2011</b>

## Sentinel Laboratory Influenza & RSV Testing

### Influenza



### RSV



## ILI Sentinel Provider Surveillance

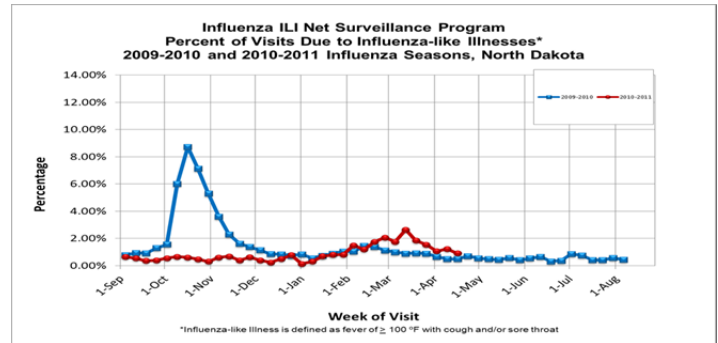
Select ND providers participate in the ILINet surveillance program.

WEEK	% ILI	0-4	5-24	25-49	50-64	65+
12	2.39%	4	20	8	2	1
13	1.15%	6	7	4	1	0
14	1.00%	2	5	6	1	0
15	0.87%	2	6	0	3	1

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

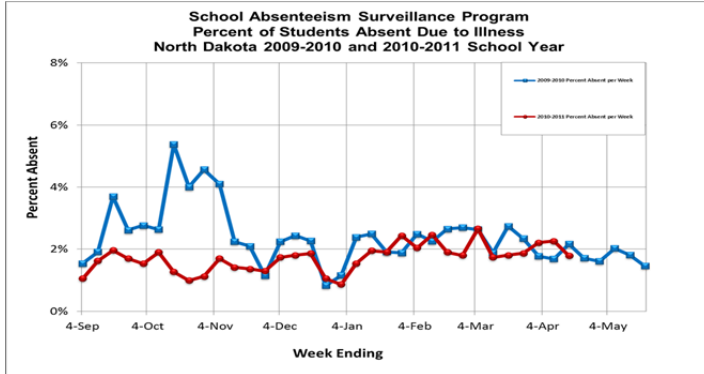
**Nation-wide: 1.4% of patient visits reported via ILINet were ILI.**

## North Dakota

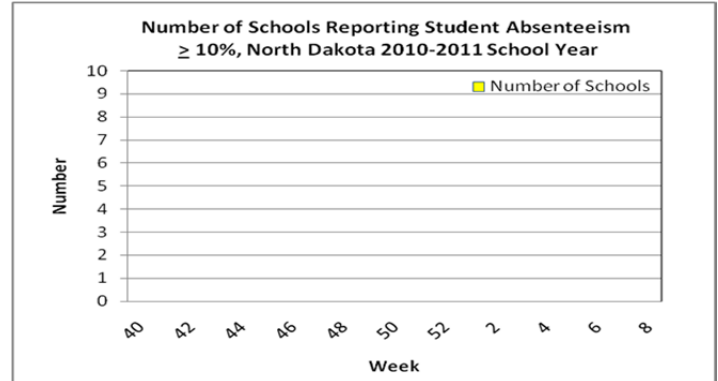


## School Absenteeism Surveillance

### Percent of Students Absent Due to Illness

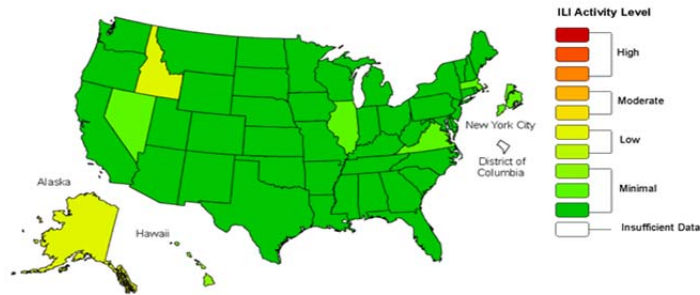


### Number of Schools Reporting Absenteeism >10%



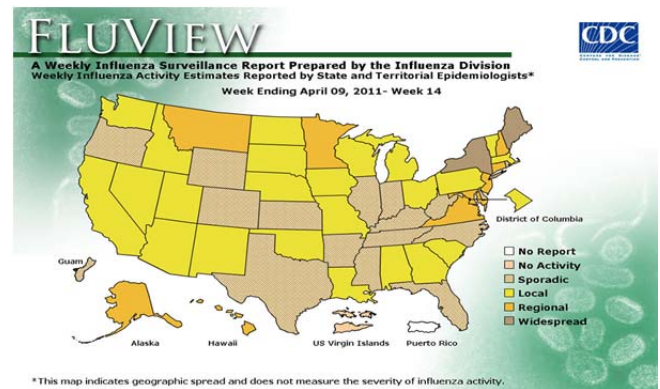
## National Influenza Activity

**Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet**  
2010-11 Influenza Season Week 14 ending Apr 09, 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.



### Please note:

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