

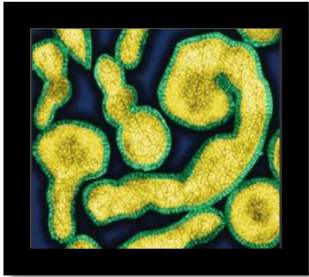
AT A GLANCE

- 864 Number of reported cases of laboratory identified Influenza in ND
- 34 Reported influenza hospitalizations.
- 2 Reported influenza deaths.

Influenza Surveillance Project*

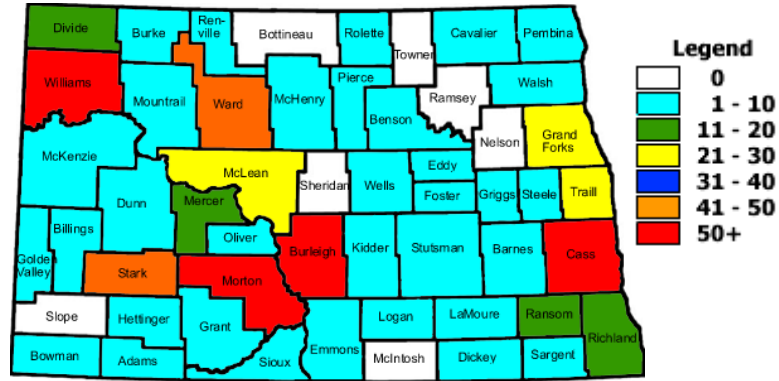
Respiratory Viruses Identified		
Weeks	5-6	31-6
No. tested	0	18
Inf A 2009H1	0	0
Inf A H1	0	0
Inf A H3	0	0
Inf B	0	0
RSV	0	0
Parainfluenza	0	0
Rhinovirus	0	2
Adenovirus	0	2
Human Meta-pneumovirus	0	0

*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*

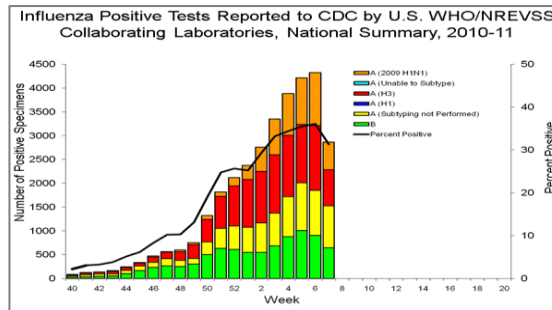


WEEK	2009 H1N1	Inf AH1	Inf AH3	Inf A Untyped	Inf B	Inf Unk	Total
5	5	0	5	68	10	0	88
6	0	0	9	119	17	1	146
7	0	0	7	179	35	1	222
8	0	0	5	105	26	0	136
YTD	49	0	48	661	104	2	864

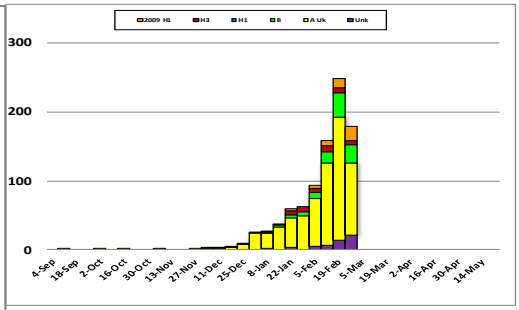
*Includes positive rapid, IFA, DFA, PCR tests and Culture

Influenza by Subtype

United States



North Dakota

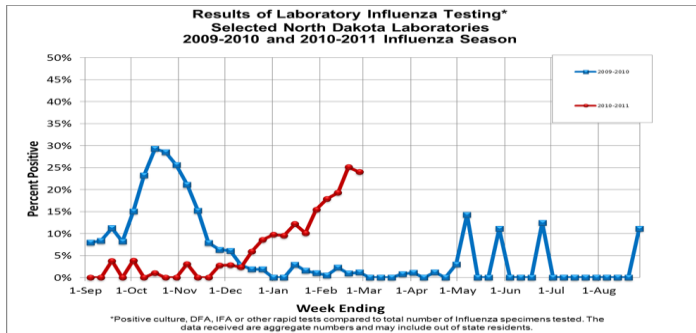


Influenza by Age Group

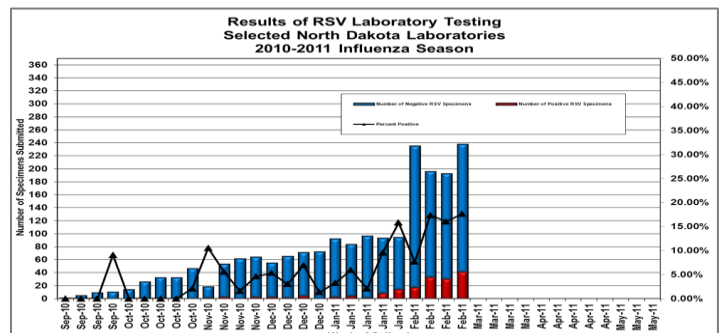
WEEK	<1	1-5	6-10	11-19	20-24	25-34	35-44	45-54	55-64	65+	TOTAL
5	6	12	10	11	18	10	4	7	5	5	88
6	6	25	30	26	16	24	8	5	7	5	152
7	5	35	37	45	29	39	11	16	12	6	235
8	13	26	20	21	16	26	10	13	5	7	157
YTD	41	148	132	125	92	132	47	63	35	49	864

Sentinel Laboratory Influenza & RSV Testing

Influenza



RSV



ILI Sentinel Provider Surveillance

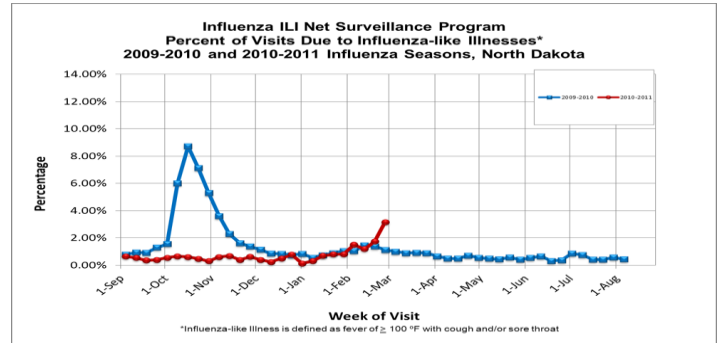
Select ND providers participate in the ILINet surveillance program.

WEEK	% ILI	0-4	5-24	25-49	50-64	65+
5	1.51%	2	11	8	0	0
6	2.22%	1	16	11	2	0
7	2.76%	0	23	18	0	1
8	3.16%	9	18	9	1	1

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

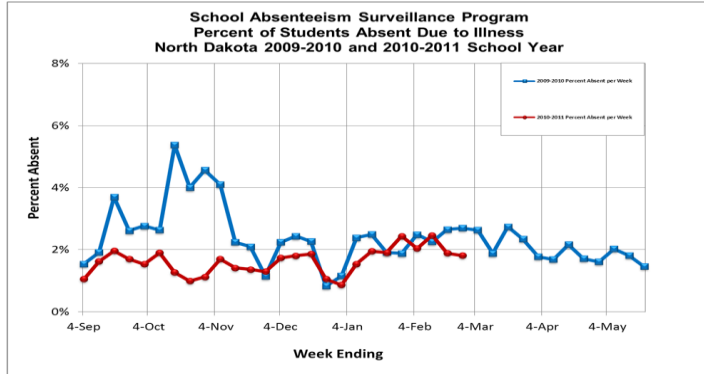
Nation-wide: 4.9% of patient visits reported via ILINet were ILI.

North Dakota

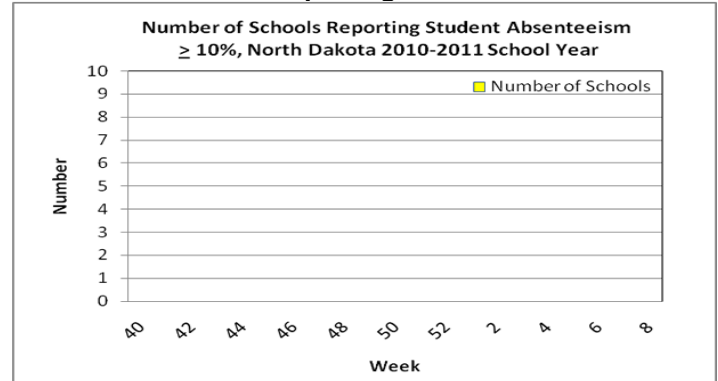


School Absenteeism Surveillance

Percent of Students Absent Due to Illness

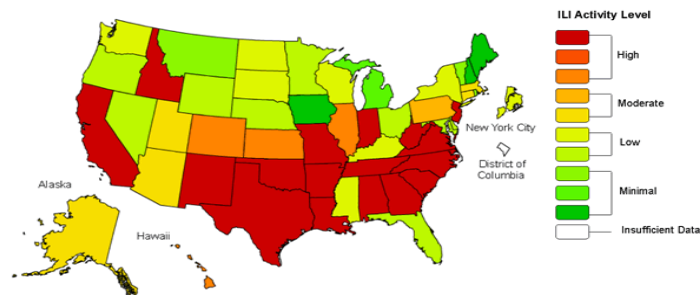


Number of Schools Reporting Absenteeism >10%



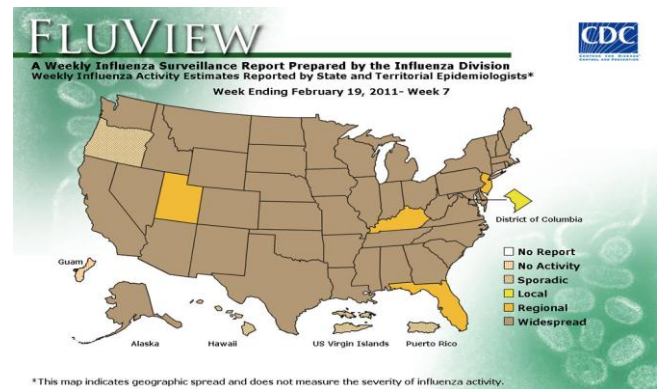
National Influenza Activity

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2010-11 Influenza Season Week 7 ending Feb 19, 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.