

2010-11 Influenza Summary

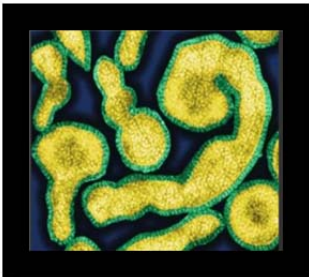
AT A GLANCE

- 2030 Number of reported cases of laboratory identified Influenza in ND
- 78 Reported influenza hospitalizations.
- 3 Reported influenza deaths.

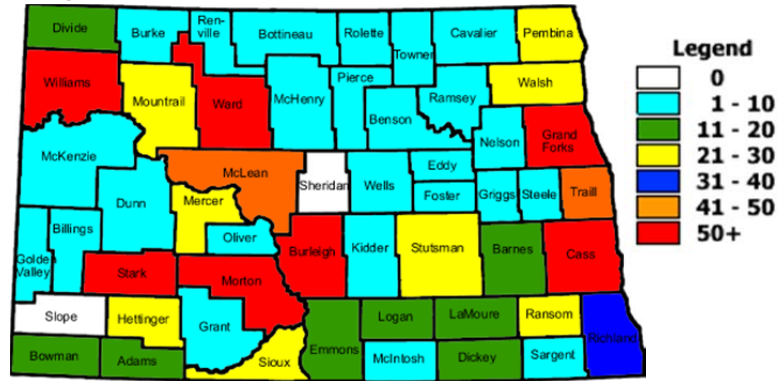
Influenza Surveillance Project*

Respiratory Viruses Identified		
Weeks	15-16	31-16
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.



Reported Influenza Cases*

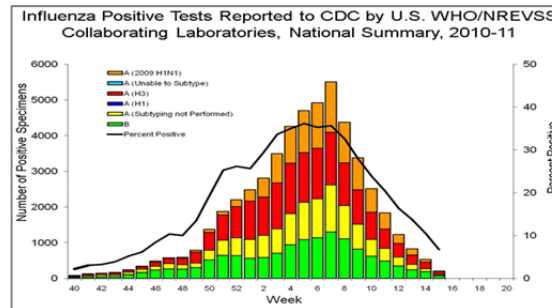


WEEK	2009 H1N1	Inf AH1	Inf AH3	Inf A Untyped	Inf B	Inf Unk	Total
13	2	0	4	40	57	0	103
14	0	0	5	54	43	0	102
15	0	0	0	17	21	0	38
16	0	0	0	3	7	0	10
YTD	118	0	90	1296	522	4	2030

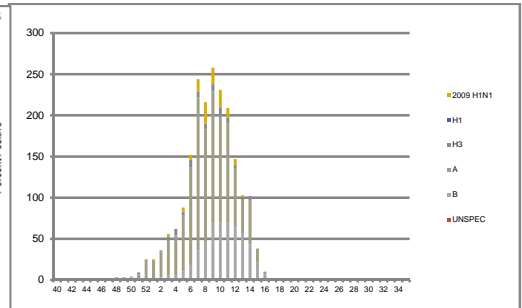
*Includes positive rapid, IFA, DFA, PCR tests and Culture

Influenza by Subtype

United States



North Dakota

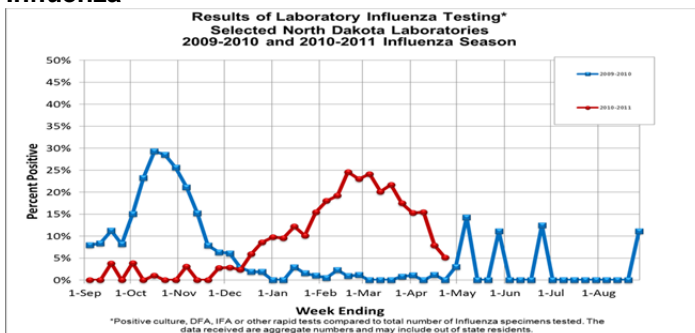


Influenza by Age Group

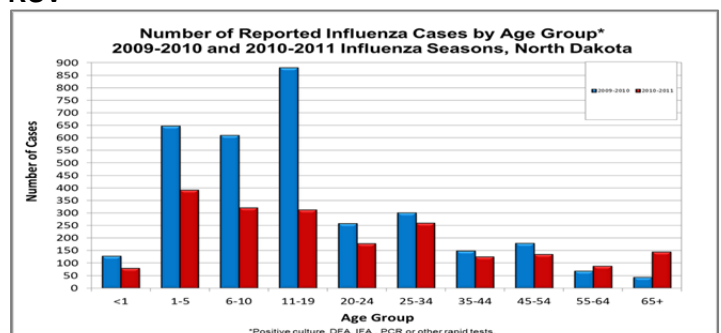
WEEK	<1	1-5	6-10	11-19	20-24	25-34	35-44	45-54	55-64	65+	TOTAL
13	7	19	25	20	6	5	5	6	3	7	103
14	3	23	25	8	7	9	8	1	2	16	102
15	1	7	5	8	1	3	2	1	0	10	38
16	0	2	1	3	1	1	0	2	0	0	10
YTD	83	390	320	312	178	257	125	134	88	143	2030

Sentinel Laboratory Influenza & RSV Testing

Influenza



RSV



ILI Sentinel Provider Surveillance

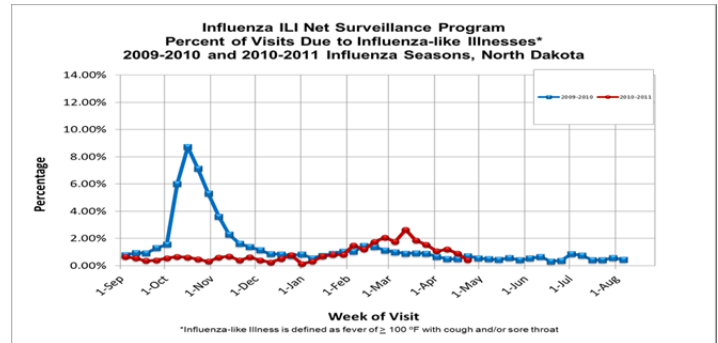
Select ND providers participate in the ILINet surveillance program.

WEEK	% ILI	0-4	5-24	25-49	50-64	65+
13	1.15%	6	7	4	1	0
14	0.94%	2	5	6	1	0
15	0.83%	2	6	0	3	1
16	0.41%	1	2	2	0	0

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

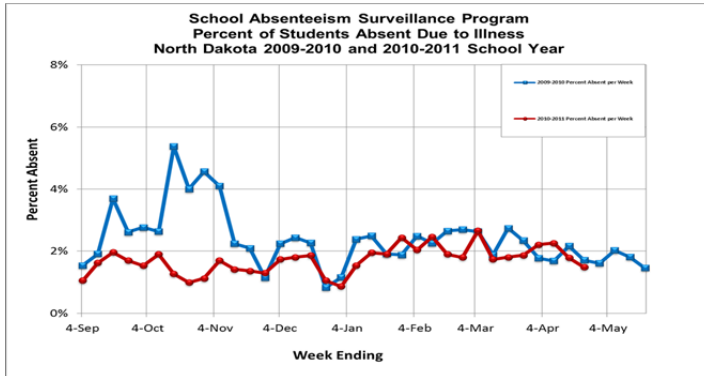
Nation-wide: 1.4% of patient visits reported via ILINet were ILI.

North Dakota

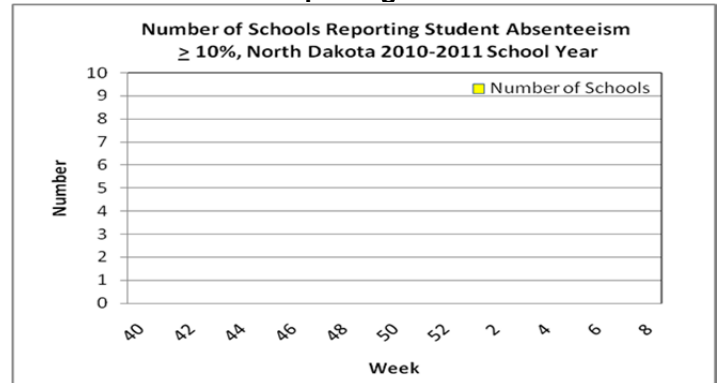


School Absenteeism Surveillance

Percent of Students Absent Due to Illness



Number of Schools Reporting Absenteeism >10%



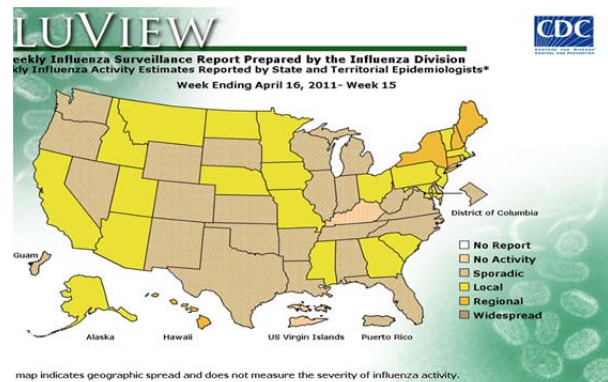
National Influenza Activity

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2010-11 Influenza Season Week 15 ending Apr 16, 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.