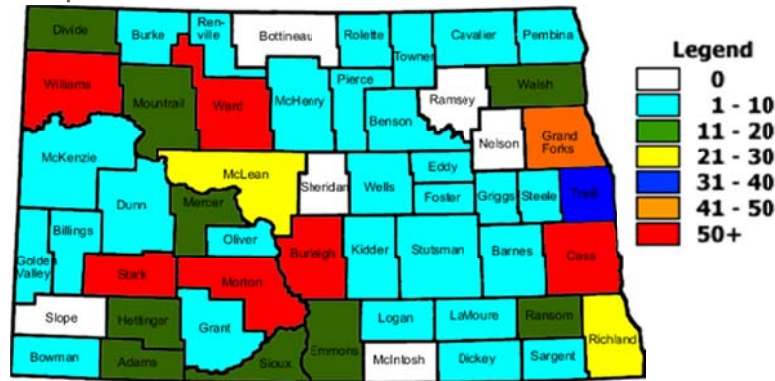


2010-11 Influenza Summary

Reported Influenza Cases*

AT A GLANCE

- 1231 Number of reported cases of laboratory identified Influenza in ND
- 38 Reported influenza hospitalizations.
- 2 Reported influenza deaths.

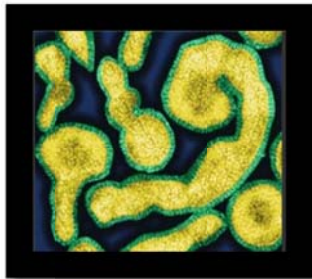


WEEK	2009 H1N1	Inf AH1	Inf AH3	Inf A Untyped	Inf B	Inf Unk	Total
7	14	0	7	185	35	1	242
8	0	0	7	138	46	0	191
9	0	0	9	92	52	0	153
10	0	0	8	73	47	1	129
YTD	73	0	67	865	223	3	1231

Influenza Surveillance Project*

Respiratory Viruses Identified		
Weeks	8-9	31-9
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

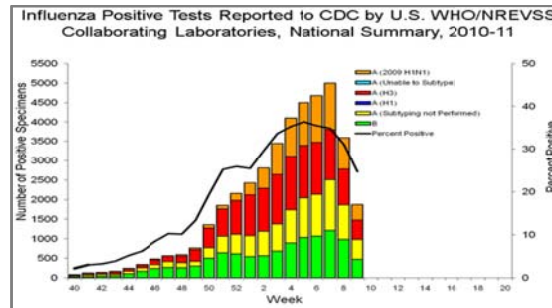
*Surveillance is conducted at select North Dakota facilities to monitor influenza-like illness, acute respiratory disease and evaluate other respiratory virus pathogens that contribute to influenza-like illness.



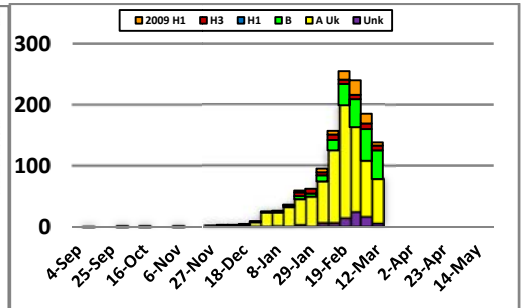
*Includes positive rapid, IFA, DFA, PCR tests and Culture

Influenza by Subtype

United States



North Dakota

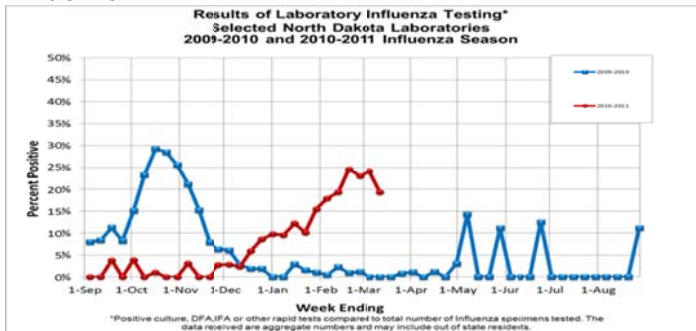


Influenza by Age Group

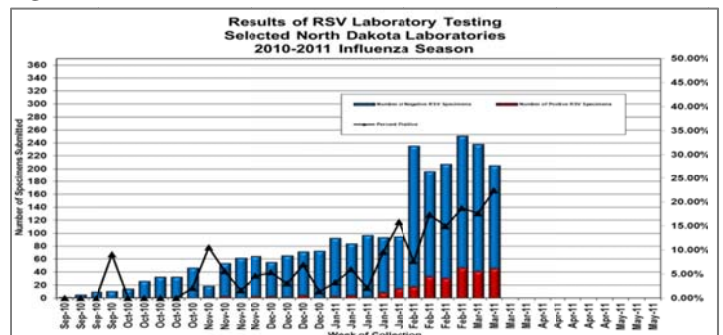
WEEK	<1	1-5	6-10	11-19	20-24	25-34	35-44	45-54	55-64	65+	TOTAL
7	6	35	38	46	31	40	12	16	12	6	242
8	14	42	32	33	20	34	12	13	7	7	214
9	11	29	15	30	25	25	10	12	4	8	169
10	5	21	18	26	9	16	7	13	7	12	134
YTD	59	214	178	194	132	182	67	88	48	69	1231

Sentinel Laboratory Influenza & RSV Testing

Influenza



RSV



ILI Sentinel Provider Surveillance

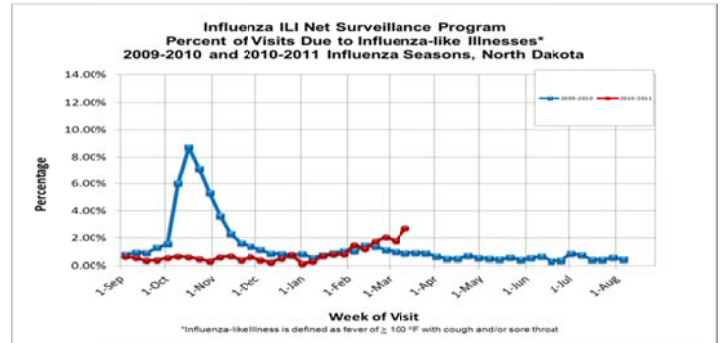
Select ND providers participate in the ILINet surveillance program.

WEEK	% ILI	0-4	5-24	25-49	50-64	65+
7	2.76%	0	23	18	0	1
8	3.44%	9	22	18	2	1
9	3.68%	6	24	22	5	1
10	5.74%	13	30	15	4	3

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

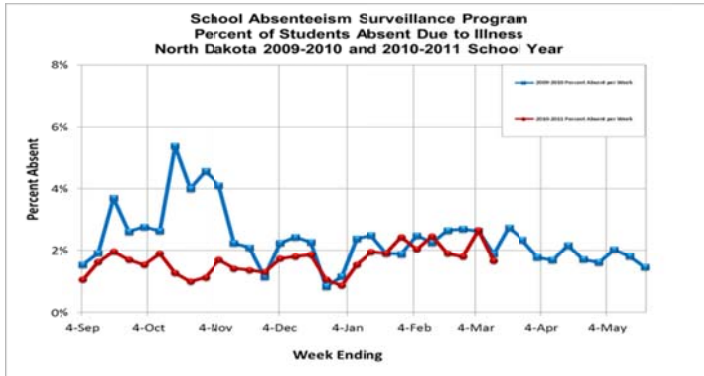
Nation-wide: 3.1% of patient visits reported via ILINet were ILI.

North Dakota

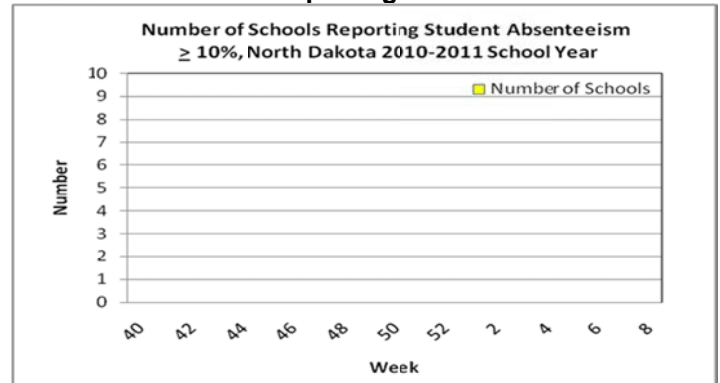


School Absenteeism Surveillance

Percent of Students Absent Due to Illness

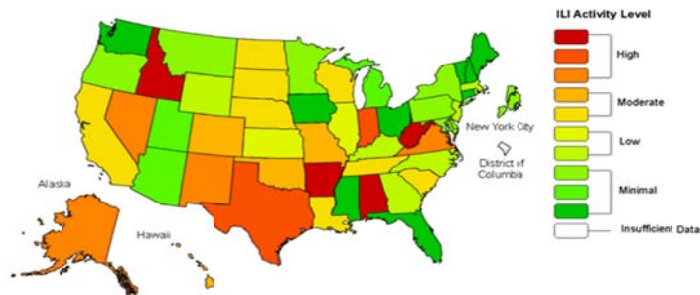


Number of Schools Reporting Absenteeism >10%



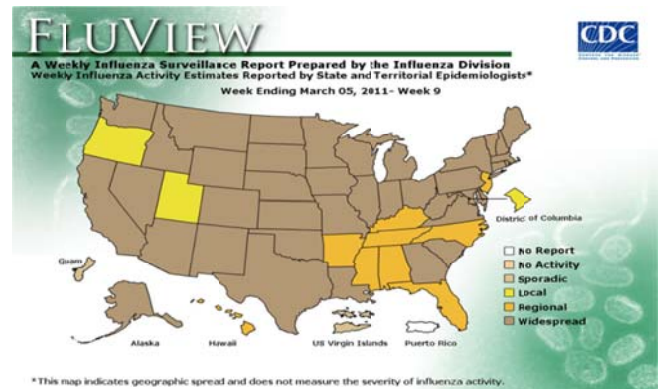
National Influenza Activity

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2010-11 Influenza Season Week 9 ending Mar 05, 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.