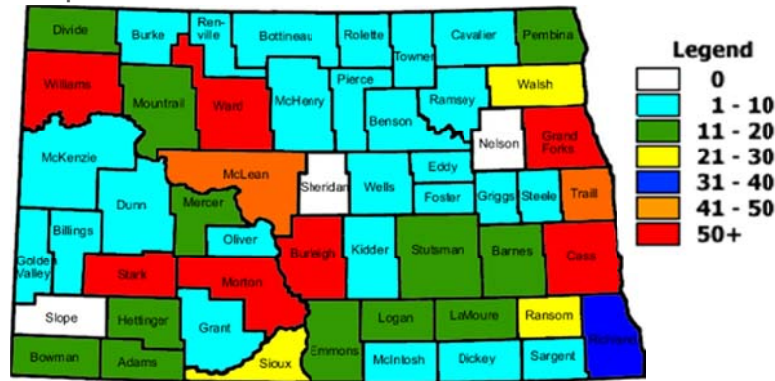


2010-11 Influenza Summary

Reported Influenza Cases*

AT A GLANCE

- 1820 Number of reported cases of laboratory identified Influenza in ND
- 63 Reported influenza hospitalizations.
- 2 Reported influenza deaths.

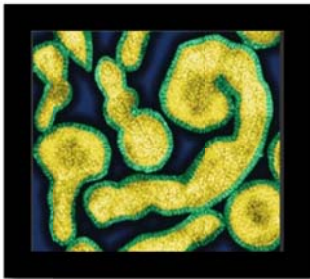


WEEK	2009 H1N1	Inf AH1	Inf AH3	Inf A Untyped	Inf B	Inf Unk	Total
10	21	0	11	130	68	2	232
11	12	0	6	119	66	0	203
12	7	0	1	68	62	0	138
13	1	0	3	22	32	0	58
YTD	117	0	80	1198	421	4	1820

Influenza Surveillance Project*

Respiratory Viruses Identified		
Weeks	12-13	31-13
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

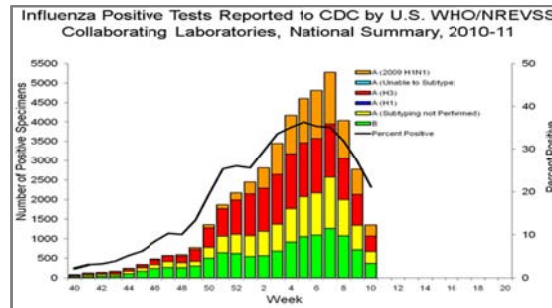
*Surveillance is conducted at select North Dakota facilities to monitor influenza-like illness, acute respiratory disease and evaluate other respiratory virus pathogens that contribute to influenza-like illness.



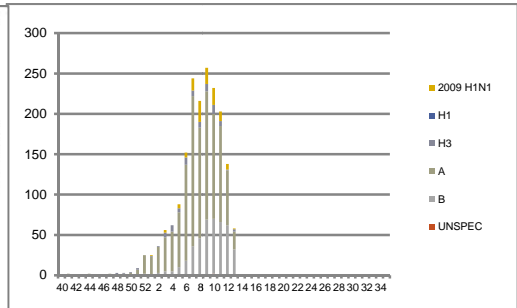
*Includes positive rapid, IFA, DFA, PCR tests and Culture

Influenza by Subtype

United States



North Dakota

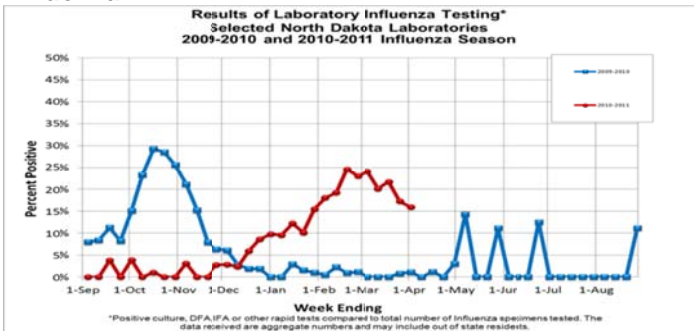


Influenza by Age Group

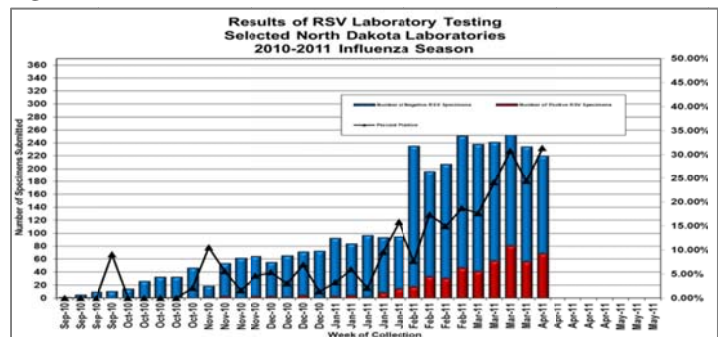
WEEK	<1	1-5	6-10	11-19	20-24	25-34	35-44	45-54	55-64	65+	TOTAL
10	10	45	37	35	12	25	19	20	14	15	232
11	3	39	28	31	16	24	14	13	14	21	203
12	3	26	25	23	5	15	8	10	8	15	138
13	4	12	15	15	3	1	4	3	0	1	58
YTD	75	346	275	288	165	239	113	127	83	109	1820

Sentinel Laboratory Influenza & RSV Testing

Influenza



RSV



ILI Sentinel Provider Surveillance

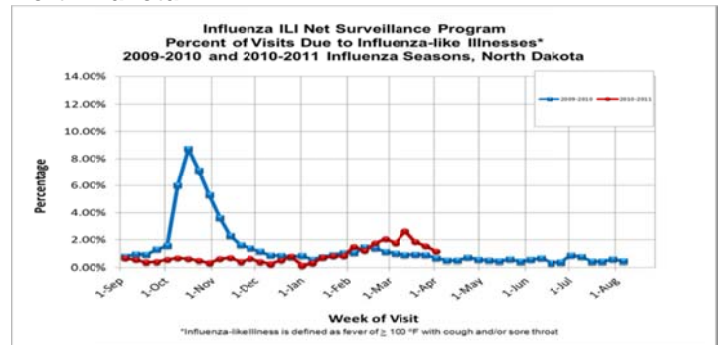
Select ND providers participate in the ILINet surveillance program.

WEEK	% ILI	0-4	5-24	25-49	50-64	65+
10	4.89%	14	33	17	4	3
11	2.42%	5	15	10	1	1
12	2.39%	4	20	8	2	1
13	1.45%	6	6	2	1	0

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

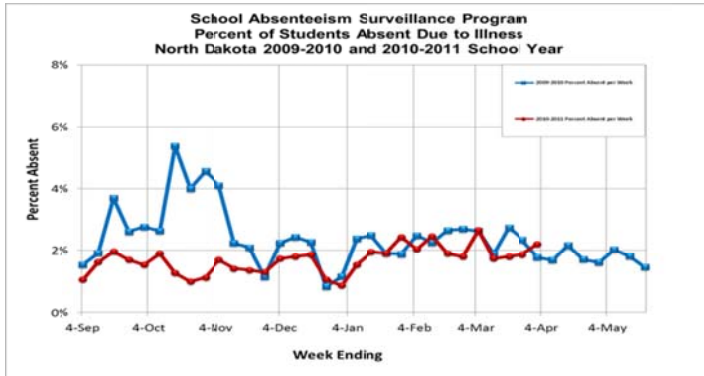
Nation-wide: 2.0% of patient visits reported via ILINet were ILI.

North Dakota

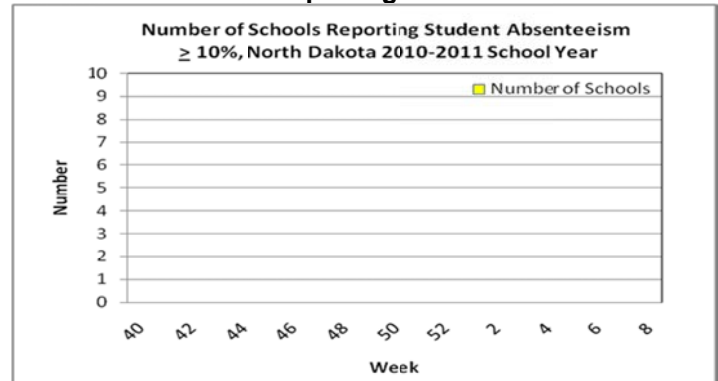


School Absenteeism Surveillance

Percent of Students Absent Due to Illness

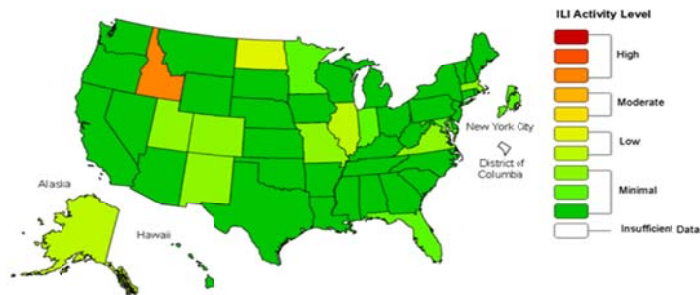


Number of Schools Reporting Absenteeism >10%



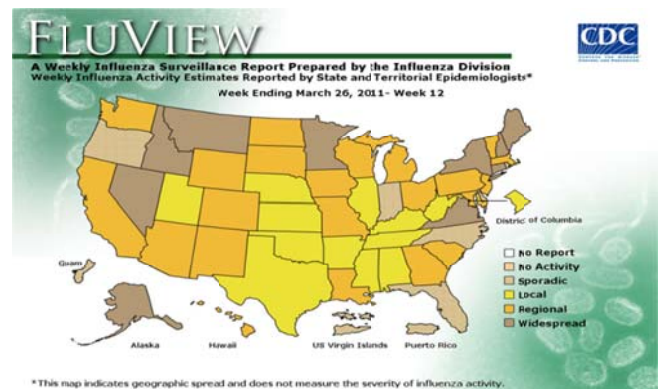
National Influenza Activity

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2010-11 Influenza Season Week 12 ending Mar 26, 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.