

2010-11 Influenza Summary

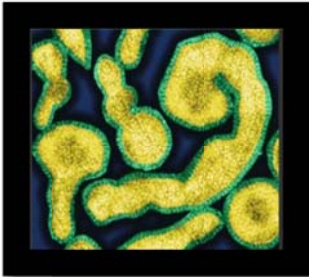
AT A GLANCE

- 1472 Number of reported cases of laboratory identified Influenza in ND
- 46 Reported influenza hospitalizations.
- 2 Reported influenza deaths.

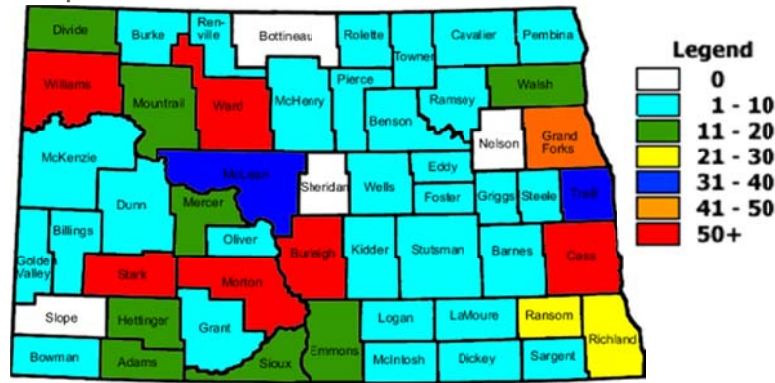
Influenza Surveillance Project*

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.



Reported Influenza Cases*

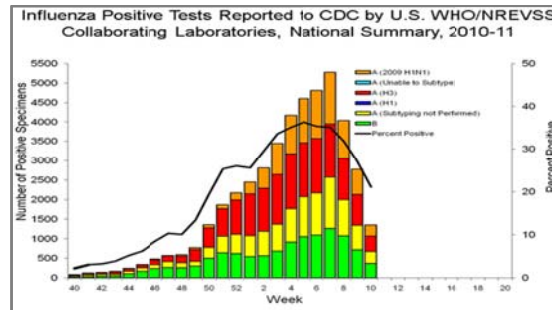


WEEK	2009 H1N1	Inf AH1	Inf AH3	Inf A Untyped	Inf B	Inf Unk	Total
8	26	0	7	138	46	0	217
9	0	0	9	155	69	0	233
10	0	0	10	118	64	1	193
11	0	0	6	34	25	0	65
YTD	105	0	75	1007	282	3	1472

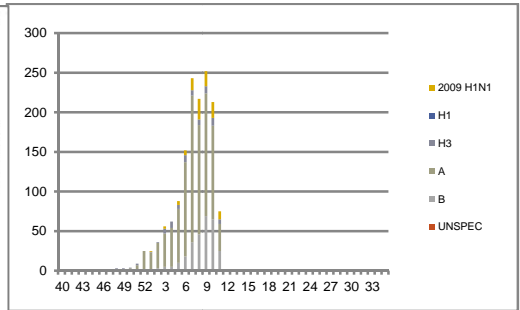
*Includes positive rapid, IFA, DFA, PCR tests and Culture

Influenza by Subtype

United States



North Dakota

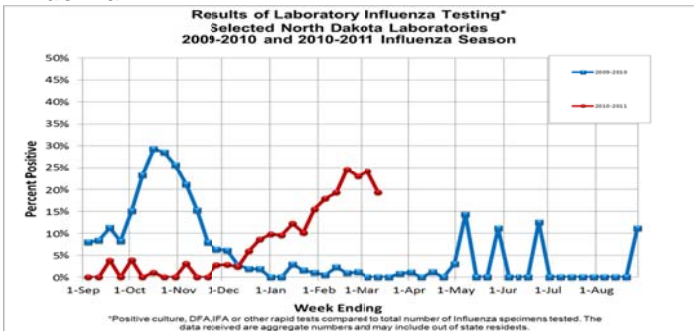


Influenza by Age Group

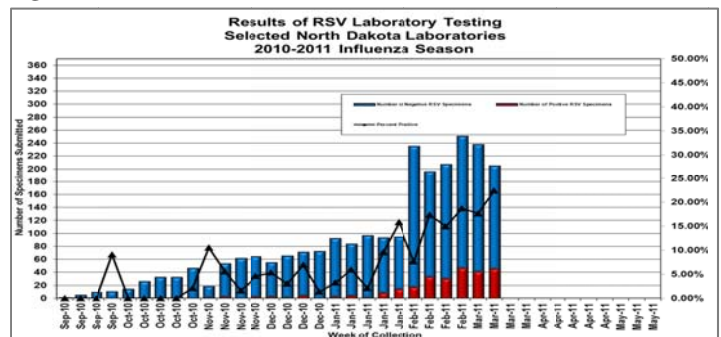
WEEK	<1	1-5	6-10	11-19	20-24	25-34	35-44	45-54	55-64	65+	TOTAL
8	14	43	32	33	21	35	12	13	7	7	217
9	12	57	25	46	29	32	17	17	9	8	252
10	9	41	33	33	12	25	17	19	10	14	213
11	2	8	11	12	4	12	5	4	7	10	75
YTD	66	271	214	229	144	211	89	104	63	81	1472

Sentinel Laboratory Influenza & RSV Testing

Influenza



RSV



ILI Sentinel Provider Surveillance

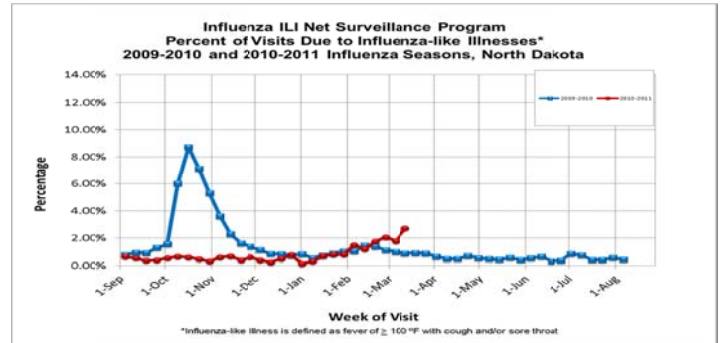
Select ND providers participate in the ILINet surveillance program.

WEEK	% ILI	0-4	5-24	25-49	50-64	65+
8	3.44%	9	22	18	2	1
9	3.68%	6	24	22	5	1
10	5.74%	13	30	15	4	3
11	#DIV/0!	0	0	0	0	0

*Influenza-like illness is defined as fever \geq 100°F with cough and/or sore throat.

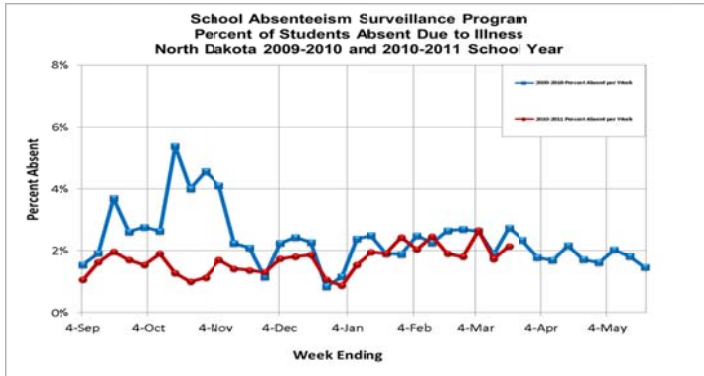
Nation-wide: 3.0% of patient visits reported via ILINet were ILI.

North Dakota

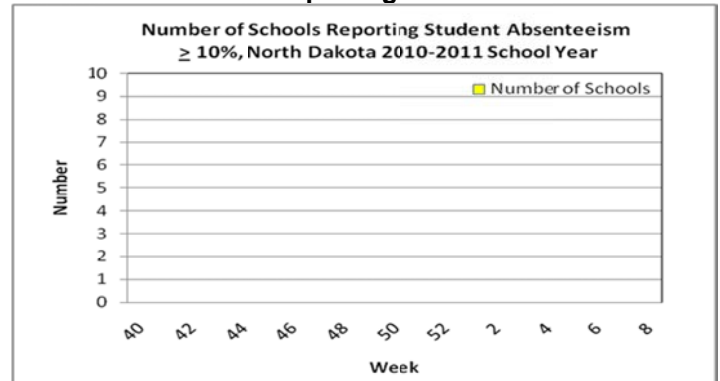


School Absenteeism Surveillance

Percent of Students Absent Due to Illness

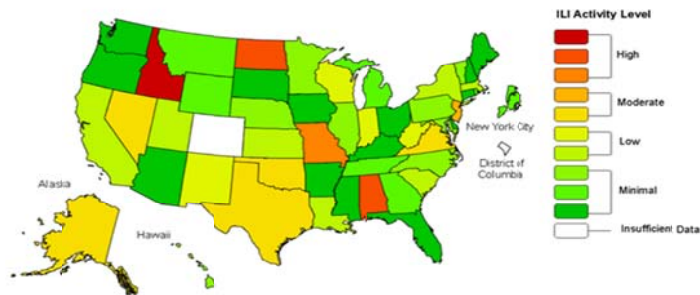


Number of Schools Reporting Absenteeism >10%



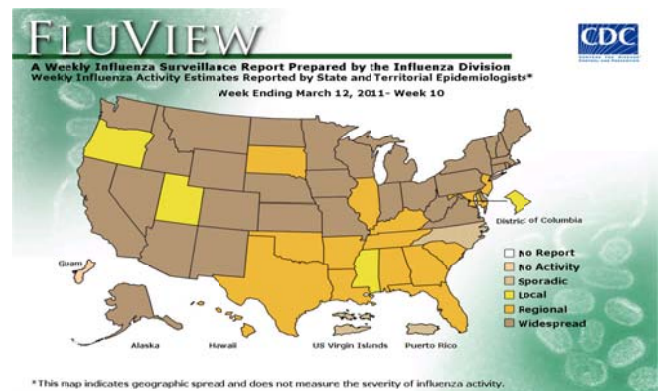
National Influenza Activity

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2010-11 Influenza Season Week 10 ending Mar 12, 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.