

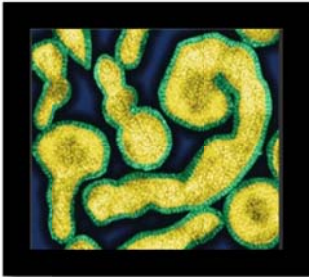
AT A GLANCE

- 1060 Number of reported cases of laboratory identified Influenza in ND
- 35 Reported influenza hospitalizations.
- 2 Reported influenza deaths.

Influenza Surveillance Project*

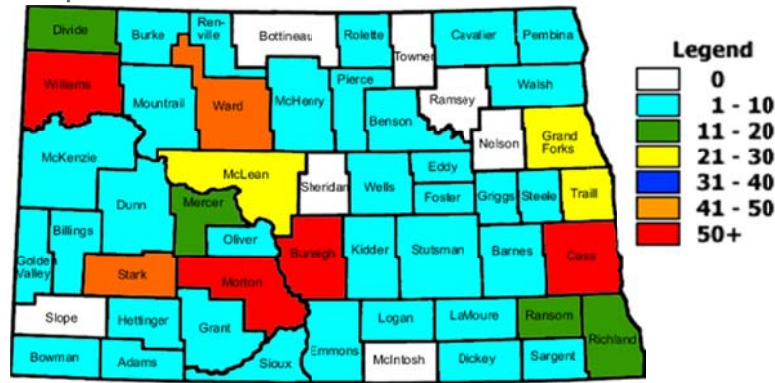
| Respiratory Viruses Identified | | |
|--------------------------------|-----|------|
| Weeks | 8-9 | 31-9 |
| No. tested | 0 | 46 |
| Inf A 2009H1 | 0 | 3 |
| Inf A H1 | 0 | 0 |
| Inf A H3 | 0 | 5 |
| Inf B | 0 | 1 |
| RSV | 0 | 0 |
| Parainfluenza | 0 | 2 |
| Rhinovirus | 0 | 5 |
| Adenovirus | 0 | 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.



2010-11 Influenza Summary

Reported Influenza Cases*

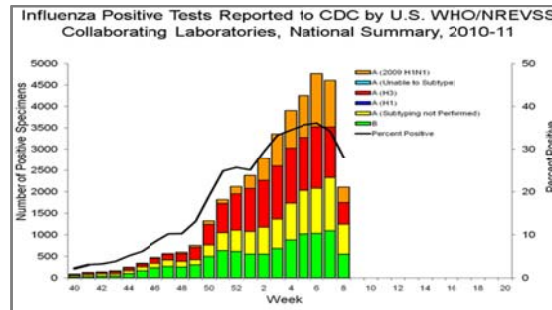


| WEEK | 2009 H1N1 | Inf AH1 | Inf AH3 | Inf A Untyped | Inf B | Inf Unk | Total |
|------------|-----------|----------|-----------|---------------|------------|----------|-------------|
| 6 | 6 | 0 | 9 | 119 | 17 | 1 | 152 |
| 7 | 0 | 0 | 7 | 184 | 35 | 1 | 227 |
| 8 | 0 | 0 | 7 | 138 | 46 | 0 | 191 |
| 9 | 0 | 0 | 7 | 79 | 36 | 0 | 122 |
| YTD | 63 | 0 | 57 | 778 | 160 | 2 | 1060 |

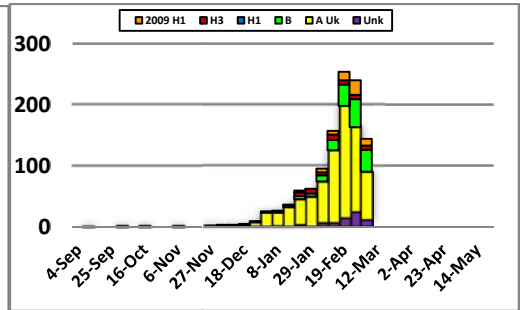
*Includes positive rapid, IFA, DFA, PCR tests and Culture

Influenza by Subtype

United States



North Dakota

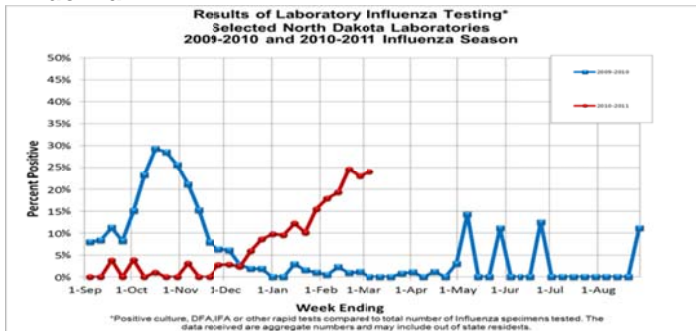


Influenza by Age Group

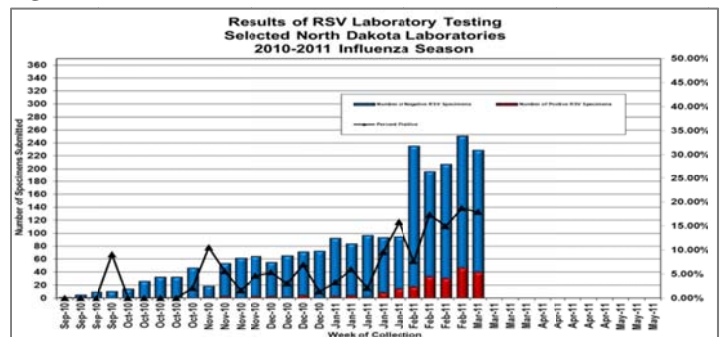
| WEEK | <1 | 1-5 | 6-10 | 11-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | TOTAL |
|------------|-----------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-------------|
| 6 | 6 | 25 | 30 | 26 | 16 | 24 | 8 | 5 | 7 | 5 | 152 |
| 7 | 6 | 35 | 38 | 46 | 30 | 40 | 12 | 16 | 12 | 6 | 241 |
| 8 | 14 | 42 | 32 | 33 | 20 | 34 | 12 | 13 | 7 | 7 | 214 |
| 9 | 9 | 22 | 13 | 23 | 17 | 19 | 8 | 12 | 3 | 7 | 133 |
| YTD | 52 | 186 | 158 | 161 | 114 | 160 | 58 | 75 | 40 | 56 | 1060 |

Sentinel Laboratory Influenza & RSV Testing

Influenza



RSV



ILI Sentinel Provider Surveillance

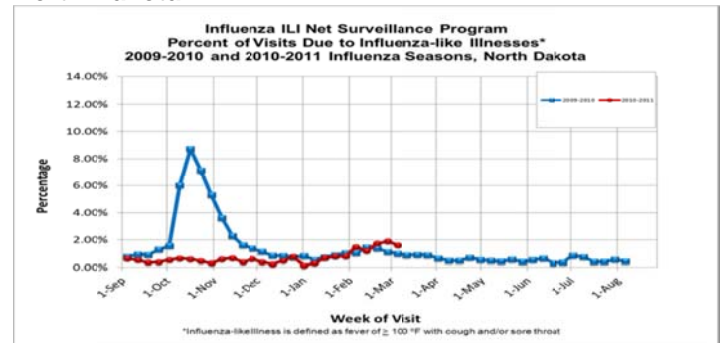
Select ND providers participate in the ILINet surveillance program.

| WEEK | % ILI | 0-4 | 5-24 | 25-49 | 50-64 | 65+ |
|------|-------|-----|------|-------|-------|-----|
| 6 | 2.20% | 1 | 16 | 11 | 2 | 0 |
| 7 | 2.76% | 0 | 23 | 18 | 0 | 1 |
| 8 | 3.13% | 9 | 18 | 9 | 1 | 1 |
| 9 | 3.84% | 6 | 20 | 12 | 5 | 1 |

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

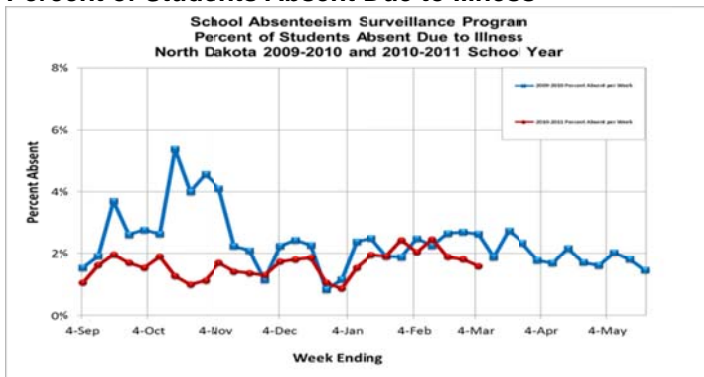
Nation-wide: 4.0% of patient visits reported via ILINet were ILI.

North Dakota

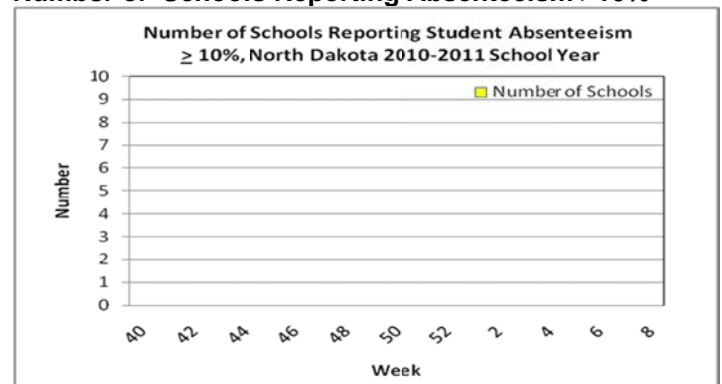


School Absenteeism Surveillance

Percent of Students Absent Due to Illness



Number of Schools Reporting Absenteeism >10%



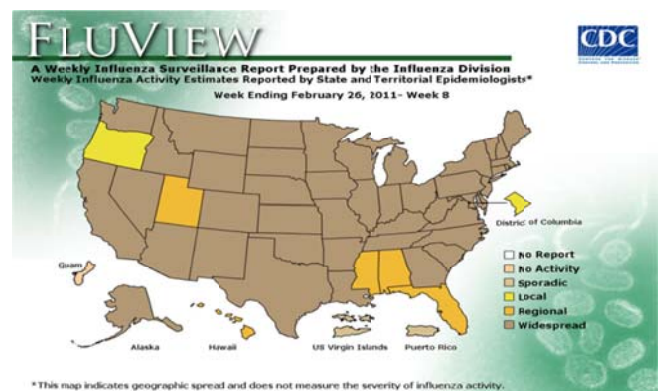
National Influenza Activity

**Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2010-11 Influenza Season Week 8 ending Feb 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.