

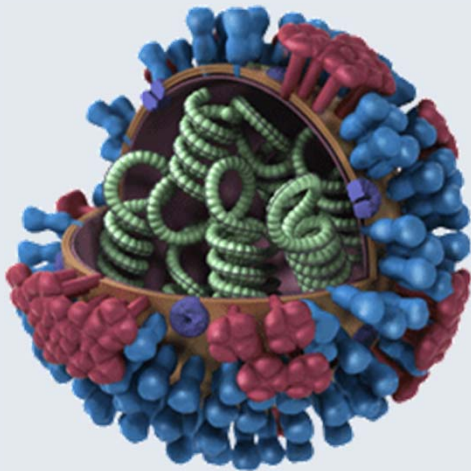
SD 2011/2012 Influenza Weekly Summary

Week Ending 4 Feb 2012 (Week 5)

Lab Confirmed Cases	29 Jan-4 Feb	Season to Date
Type A, H1	0	1
Type A, H3	12	37
Type A, Unspecified	10	18
Type B	0	0
Total	22	56

Rapid Antigen Tests (41 sites reporting)	29 Jan-4 Feb	Season to Date
Total Tested	1,761	6,436
Total Positive	166 (161A /5B)	385 (357A /28B)
% Rapid Antigen Tests Positive	9%	6%

	29 Jan-4 Feb	Season to Date
Hospitalizations	5	20
Deaths	0	0



3D Influenza Virus

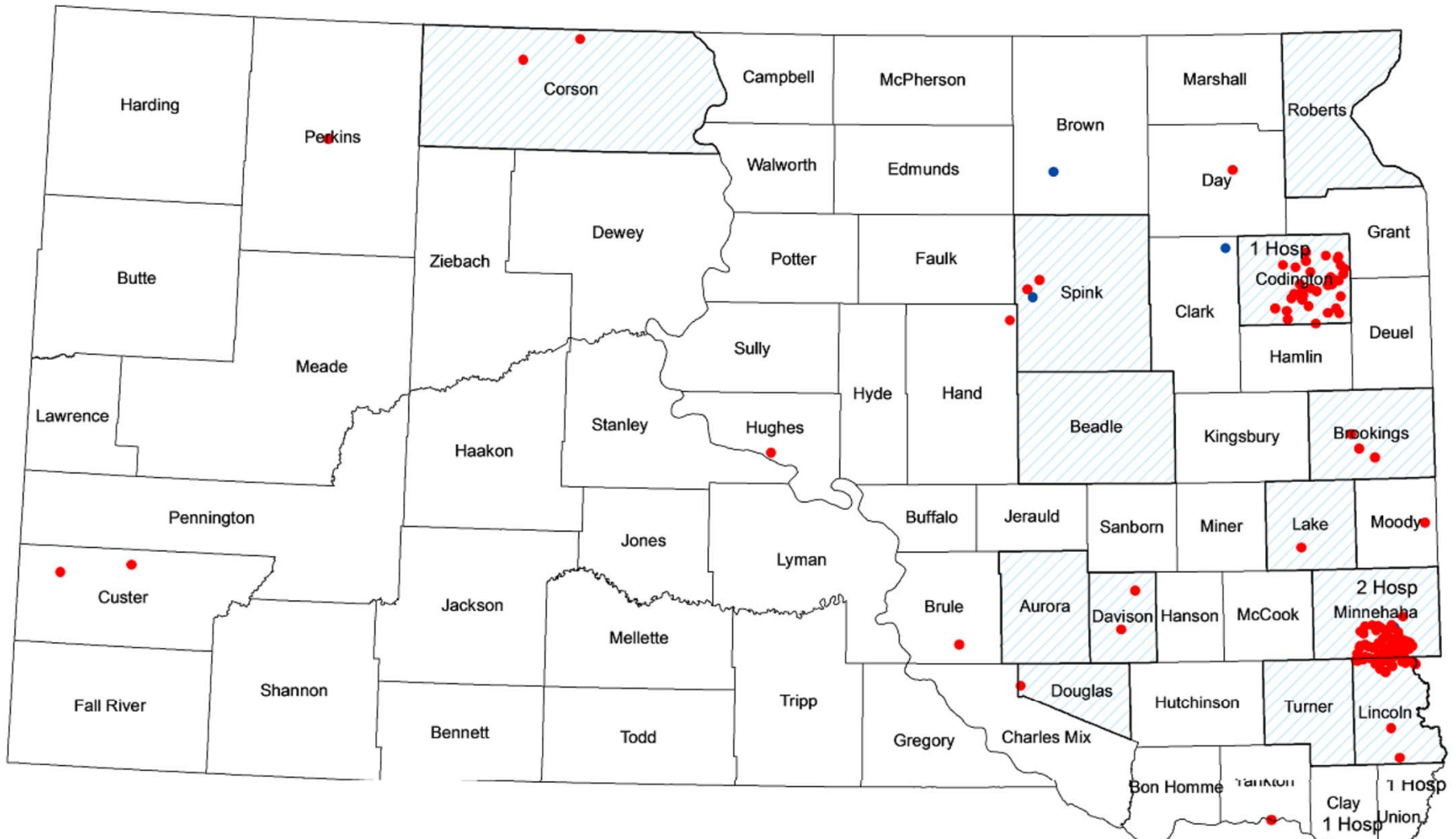
SD Influenza Geographic: Spread: LOCAL
SD Influenza Severity : Minimal

US Influenza Activity: <http://www.cdc.gov/flu/weekly/fluactivity.htm>

International Flu Activity: <http://www.cdc.gov/flu/weekly/intsurv.htm>

South Dakota Influenza information: <http://doh.sd.gov/Flu/>

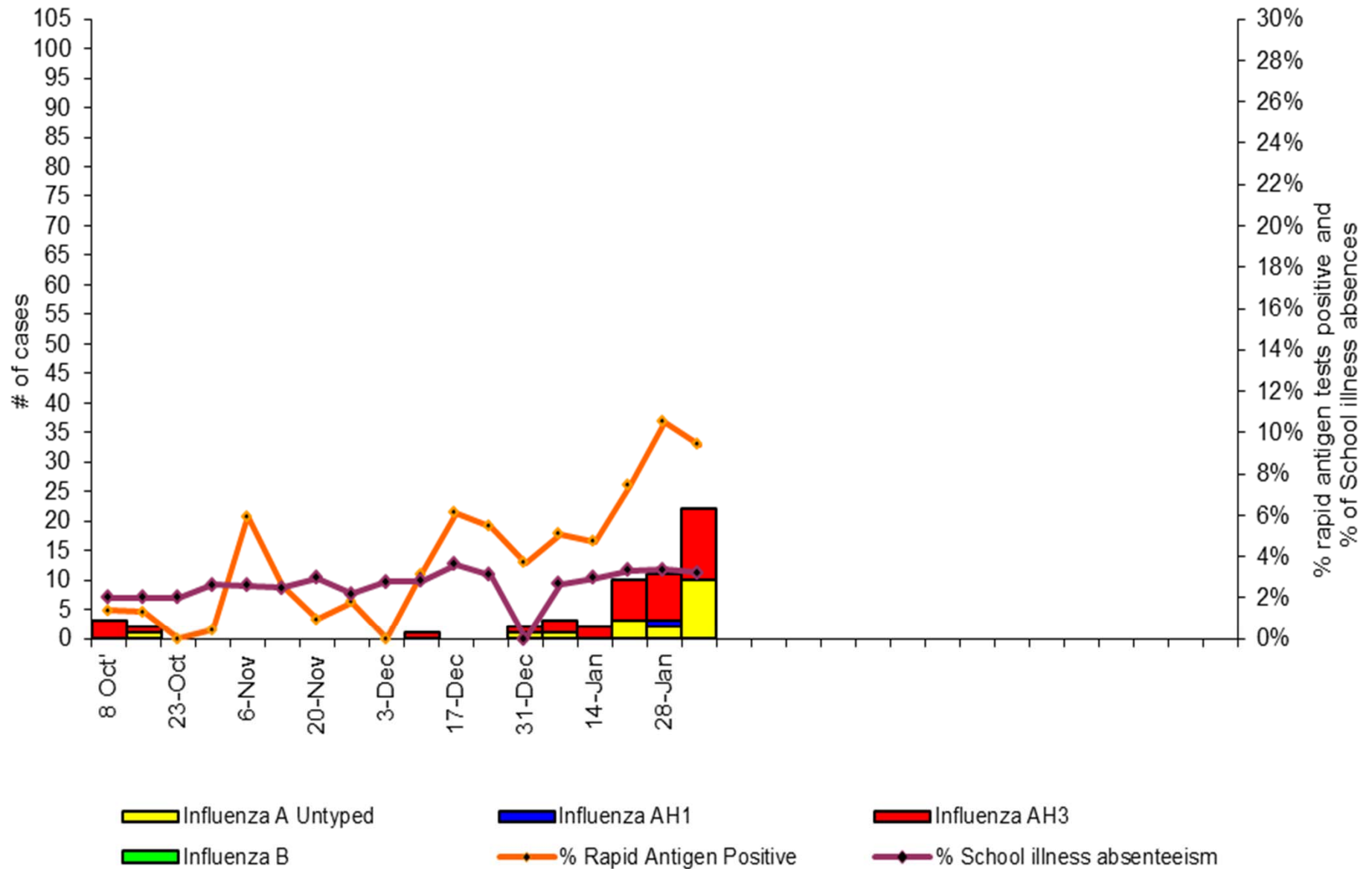
SD 2011/12 Influenza Weekly Summary Week Ending 4 Feb 2012 (Provisional Data)



Note: Rapid Antigen results represent the reporting clinic local and may not represent the patient's home address

- Lab Confirmed Influenza A
- Lab Confirmed Influenza B
- Lab Confirmed Influenza A and B
- Rapid Antigen positives (1 Det = 1 positive)
- Rapid Antigen B positive (1 Det = 1 positive)

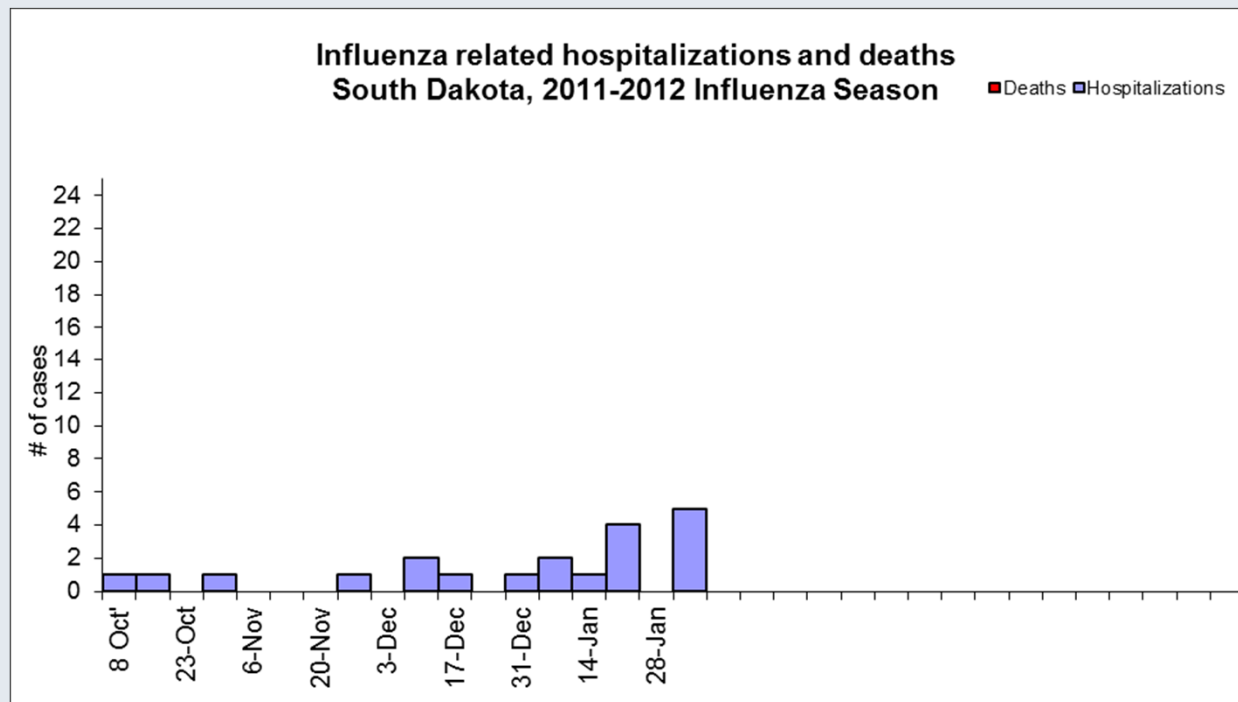
**2011-2012 Influenza Season Lab Confirmed Influenza cases*,
 % Rapid Antigen Positive, & % School Absenteeism SD**
 * Confirmed by Culture, PCR, or DFA



Age distribution of influenza-associated deaths and hospitalizations, and confirmed* cases, South Dakota (cumulative to-date for 2011-2012 season).

Age Group	Deaths (%)	Hospitalized (%)	Confirmed* cases (%)
0-4 yrs	0	5 (25%)	14 (25%)
5-24 yrs	0	1 (5%)	15 (27%)
25-49 yrs	0	1 (5%)	16 (29%)
50-64 yrs	0	3 (15%)	5 (9%)
>64 yrs	0	10 (50%)	6 (11%)
TOTAL	0	20	56

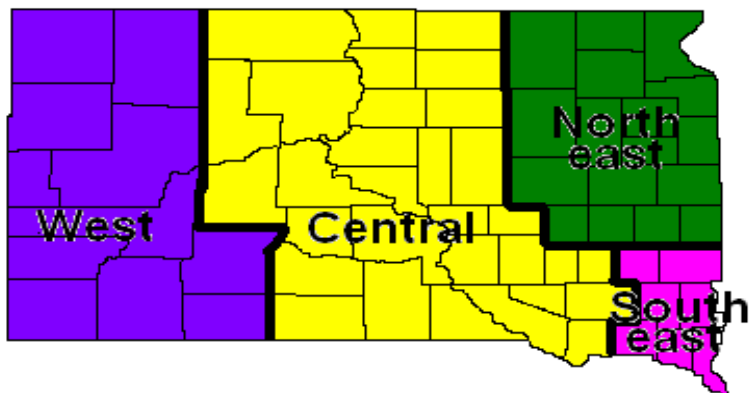
* Confirmed by PCR, culture or DFA



SD K-12 School Absenteeism due to illness

	All	W	C	NE	SE
# Schools Reporting	154	36	22	15	81
# Students Enrolled	57,817	19,657	3,249	3,929	31,982
% Absent due to illness	3%	4%	3%	2%	3%

22 schools had >5% students absent (range 0 - 11% absent).



Cover Coughs and Sneezes. Clean Hands.

Be a germ stopper at school — and home. Cover your mouth and nose when you cough or sneeze. Use a tissue and throw it away.

Clean your hands a lot

- After you sneeze or cough
- After using the bathroom
- Before you eat
- Before you touch your eyes, mouth or nose

Washing hands with soap and water is best. Wash long enough to sing the "Happy Birthday" song twice. Or, use gels or wipes with alcohol in them. This alcohol kills germs!

Stop germs. And stop colds and flu.

www.sds.gov/germstopper

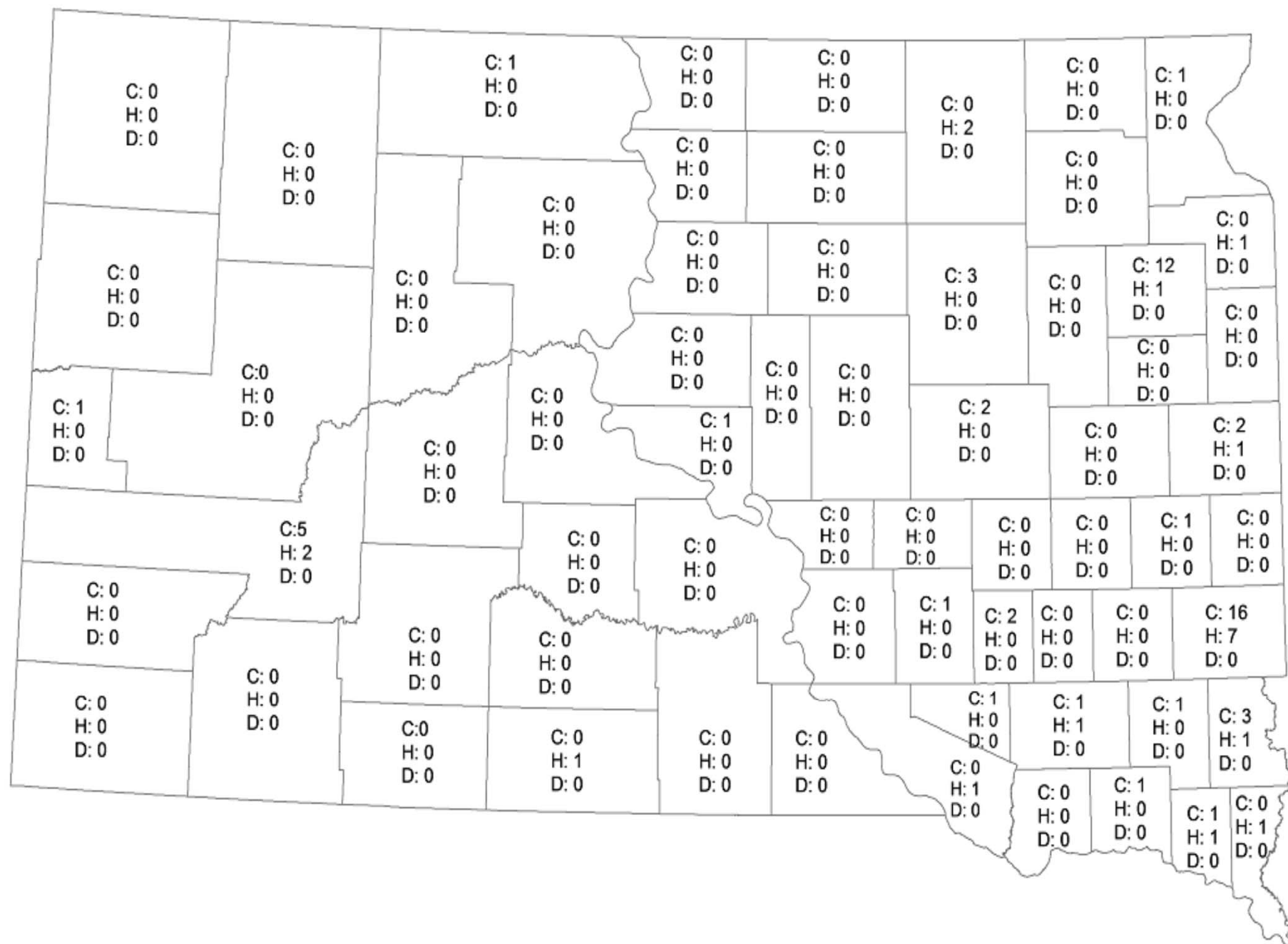


ILInet Surveillance

- ILInet is an outpatient visit surveillance system
 - Providers report total number of patient visits and the number of patients that have Influenza Like Illness (ILI). ILI, fever $\geq 100^{\circ}$ F PLUS cough and/or sore throat).
- SD ILInet providers: Aberdeen (2); Beresford (1); Brookings (1); Canton (1); Chamberlain (1); Elk Point (1); Huron (1); Ipswich (1); Isabel (1); Mitchell (1); Pierre (1); Redfield; (1); Sioux Falls (8); Watertown (1)

Percentage of Visits for Influenza-like Illness reported by the US Outpatient Influenza-like Illness									
Surveillance Network (ILINet) in South Dakota									
* Regional % ILI Baseline 2.1%									
Week Ending	# Provider Reports	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age over 64	Total ILI	Total Patients	% ILI *
4 Feb 12	19	47	31	17	4	2	101	3,921	2.57%
28 Jan 12	19	47	32	12	2	1	94	5,210	1.80%
21 Jan 12	19	36	34	3	2	1	76	5,158	1.47%
14 Jan 12	19	33	15	7	3	0	58	5,086	1.14%
7 Jan 12	19	20	13	3	1	1	38	4,875	0.77%
31 Dec 11	19	20	17	9	2	1	49	4,542	1.07%

2011-2012 Influenza Season Cumulative number of Confirmed Cases, Hospitalizations, and Deaths (Provisional)



SD Influenza Confirmed Cases, 2006-2012

Note: 2011-12 data are provisional as of 10 Feb 2012

