

SD 2018/2019 Influenza Weekly Summary

Week Ending Dec 22, 2018 (Week 51)

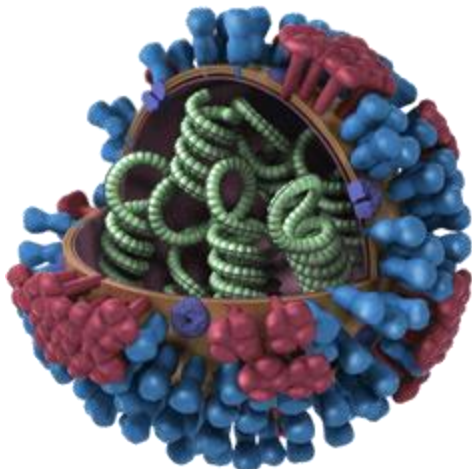


SOUTH DAKOTA
DEPARTMENT OF HEALTH

Lab Confirmed Cases	Dec 16-22	Season to Date
Type A, H1	11	20
Type A, H3	0	3
Type A, Unspecified	31	86
Type B Unspecified	0	2
B Yamagata	0	0
B Victoria	0	0
Total	42	111

Rapid Antigen Tests (30) sites reporting	Dec 16-22	Season to Date
Total Tested	292	4,249
Total Positive	35 (30A/5B)	277 (195A/82B)
% Rapid Antigen Tests Positive	11.99%	6.52%

	Dec 16-22	Season to Date
Hospitalizations	2	14
Deaths	0	1



3D Influenza Virus

SD Influenza Geographic: **LOCAL**

SD Influenza Severity : Minimal

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

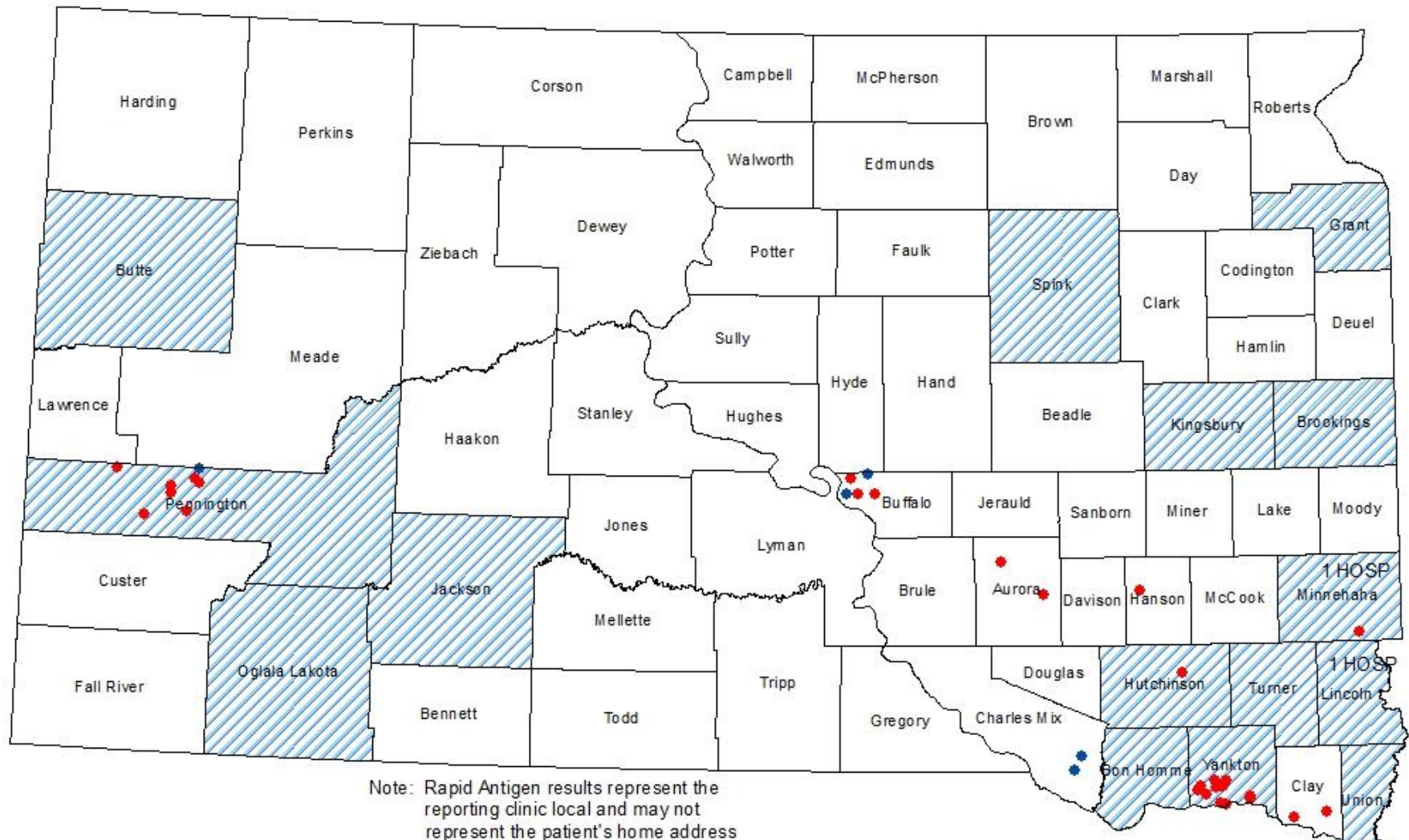
International Flu Activity: <http://www.cdc.gov/flu/weekly/intsurv.htm>

South Dakota Influenza information:

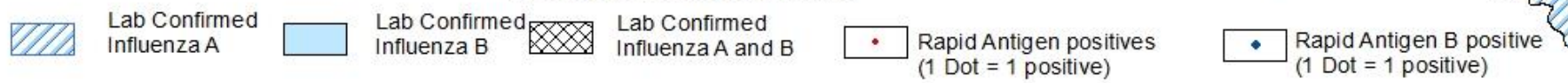
<http://doh.sd.gov/diseases/infectious/flu/>

SD 2018/19 Influenza Weekly Summary

Week Ending December 22, 2018 (Provisional Data)



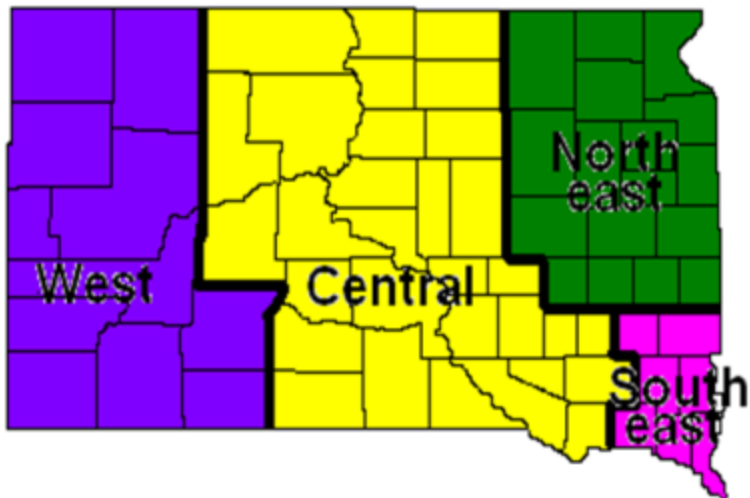
Note: Rapid Antigen results represent the reporting clinic local and may not represent the patient's home address



SD K-12 School Absenteeism due to illness

Region	All	W	C	NE	SE
# Schools Reporting	72	11	26	14	21
% Absent due to illness	2.31%	3.01%	2.36%	1.88%	1.95%

8 schools had greater than 5% of students absent. The range was 0-7%



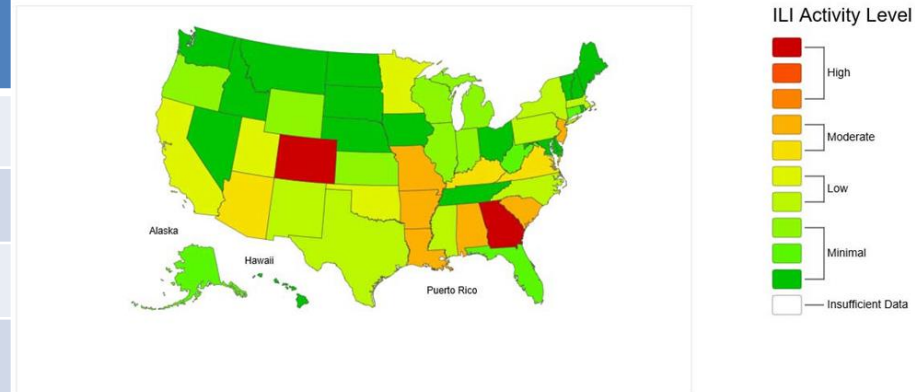
ILInet Surveillance

- ILInet: outpatient visits to providers are reported, including total number of patient visits and number of patients with Influenza Like Illness (ILI).
 - ILI defined as fever $\geq 100^{\circ}\text{F}$, PLUS cough and/or sore throat (Regional baseline 1.4%)
- SD ILInet providers: Aberdeen (2); Beresford; Brandon; Brookings (2); Canton; Chamberlain; Custer; Ipswich; Lead-Deadwood; Kennebec; Miller; Milbank; Mitchell (2); Pierre; Rapid City; Redfield; Sioux Falls (10); Spearfish; Sturgis; Vermillion; Watertown; and Winner

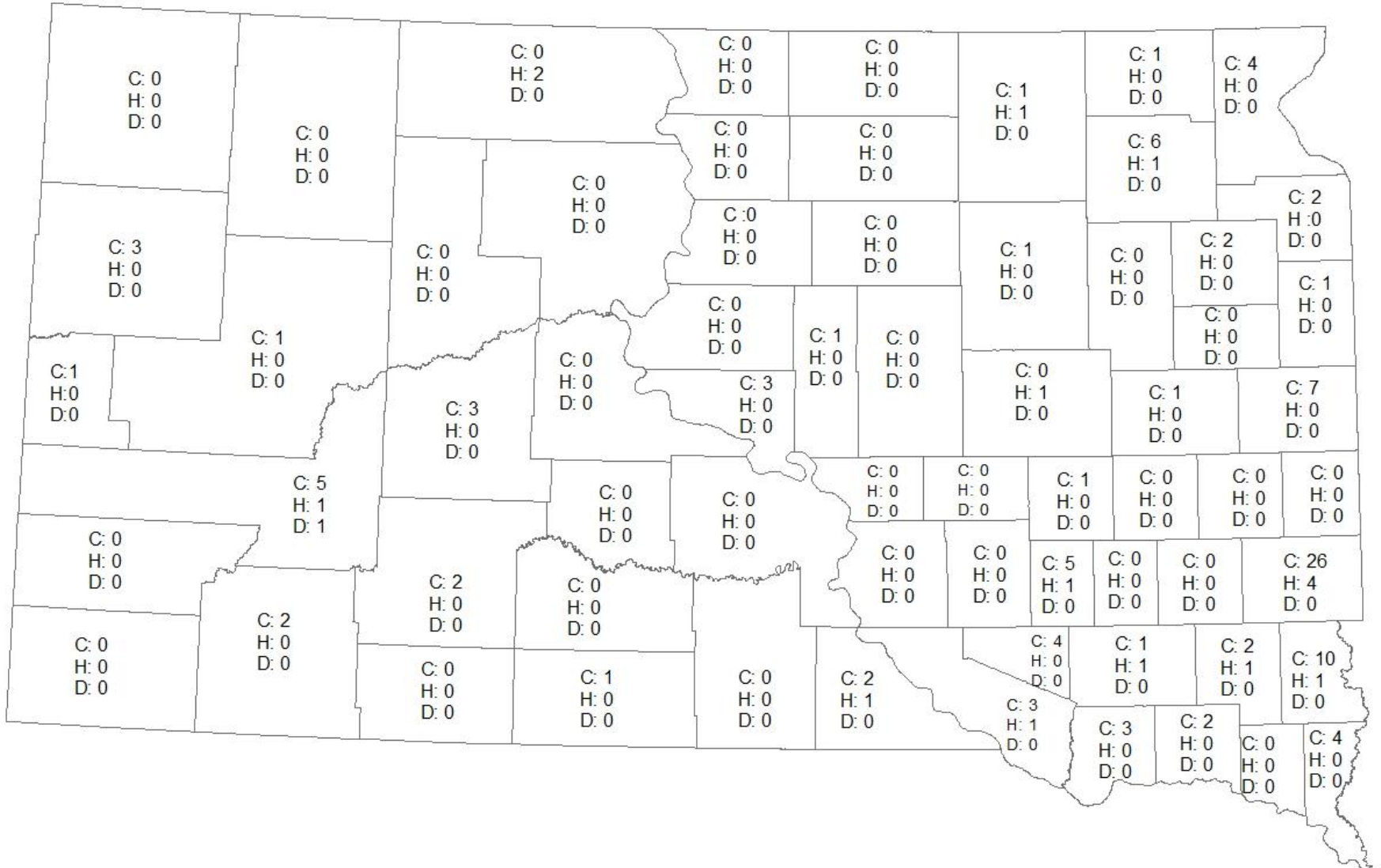
SD ILInet Data for past 5 Weeks

Week Ending	# ILI Patients by Age Group					Total ILI	Total Patient Visits	% ILI
	0-4	5-24	25-49	50-64	>64			
12/22	26	27	22	11	10	96	14,766	0.65%
12/15	22	32	13	10	8	85	14,260	0.60%
12/8	32	19	19	5	9	84	15,543	0.54%
12/1	31	33	14	18	13	109	17,479	0.62%
11/24	26	15	16	9	3	69	16,619	0.55%

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILInet
2018-19 Influenza Season Week 50 ending Dec 15, 2018



2018-2019 Influenza Season Cumulative number of
Confirmed Cases, Hospitalizations, and Deaths (Provisional)





A New Ounce of Prevention for You & Your Family

www.flunearyou.org

Flu Near You is a free, real-time disease tracking system that engages you, your family and your friends directly in flu prevention and gives you the knowledge to help everyone stay healthy. Flu Near You uses anonymous reporting to help promote flu prevention in your community and head off the spread of disease among your friends and loved ones.



How it Works

Becoming a flu fighter is simple, fast and confidential. Anyone 13 or older can go to www.flunearyou.org to sign-up.

You will get a weekly email with two questions: *Do you have any of the following 10 symptoms?* and *Have you had a flu shot?*

Flu Near You uses these reports to create a real-time map and graphs that show you the spread of flu across the country, right down to the zip code level.

The website has a lot of useful information including links to public health websites, information about the number of reports in your state, and places to get vaccinated.

This is just the first step in building a reporting system that can eventually extend beyond influenza to other communicable diseases in the U.S. and across the world.

It's an exciting prospect. But the big benefits only happen if we're all willing to join in.

Help spread the word, not the flu! www.flunearyou.org