

SD 2009/2010 Influenza Weekly Summary

Week Ending 31 Oct 2009 (Week 43)

Lab confirmed Tests	25 Oct. – 31 Oct.	Season to Date
Type A, H1	0	1
Type A, H3	0	0
09 Novel (A)H1N1	114	1,662
Type A, Unspecified	18	282
Type B	0	2
Total	132	1,947
Hospitalizations	53	*330

*8 Hospitalizations occurred after 31 Oct 09.

Rapid Antigen Tests	25 Oct. – 31 Oct.	Season to Date
Total Tested	4,275	32,215
Total Positive	1,137 (1,131 A / 6 B)	7,330 (7,258 A / 72 B)
% Rapid Antigen Tests Positive	27%	23%
# Sites Reporting	72	
Deaths	2	*13

* 2 deaths occurred after 31 Oct 09



SD Influenza Activity: WIDESPREAD

In addition to above current season influenza activity there were 121 cases of 09 Novel (A) H1N1 26 April – 30 Aug 09

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

H1N1 Flu: <http://www.cdc.gov/h1n1flu/>

South Dakota H1N1 Influenza information: <http://doh.sd.gov/H1N1>

Google Flu Trends: http://www.google.org/flutrends/intl/en_us/

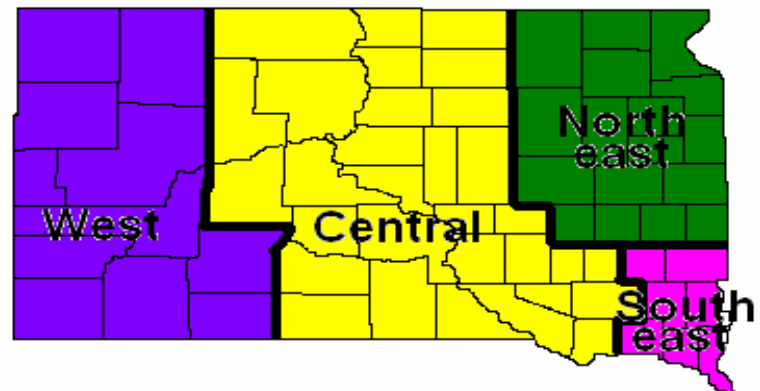
SD K-12 School Absenteeism due to illness

Age Distribution of Confirmed Influenza Cases, South Dakota 2009-2010		
Age Group	Number	Percent
0-9 yrs	877	45%
10-18 yrs	506	26%
19-29 yrs	258	13%
30-39 yrs	109	6%
40-49 yrs	84	4%
50-59 yrs	76	4%
60-69 yrs	22	1%
70+ yrs	15	1%
Total	1,947	

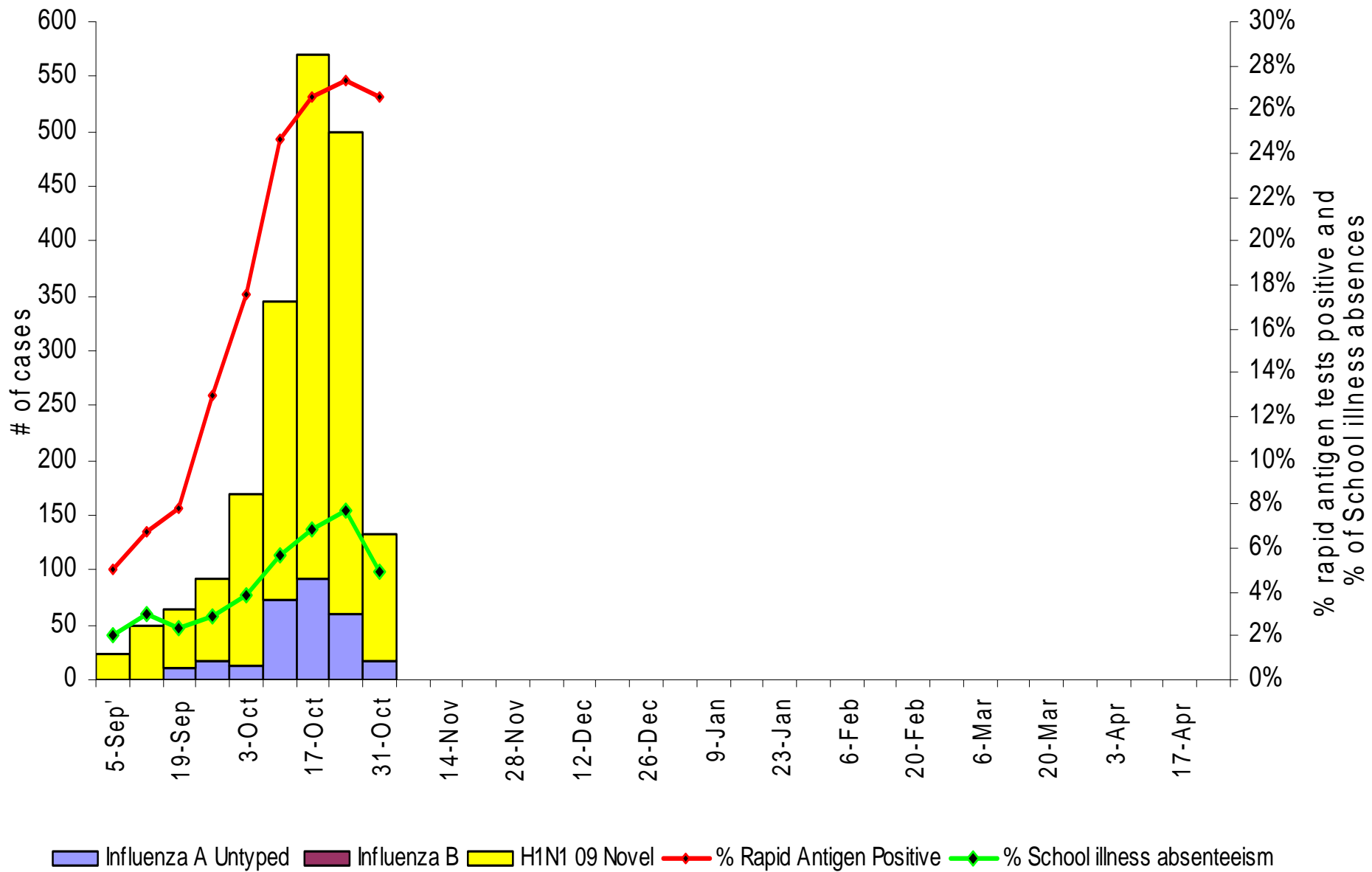
(Cumulative)

	All	W	C	NE	SE
# Schools Reporting	265	62	62	52	89
# Students Enrolled	82,499	23,930	9,262	13,040	36,267
% Absent due to illness	5%	3%	6%	6%	5%

43% of schools had >5% students absent, and 8% of schools had >10% absent due to illness (range 0 - 24% absent).



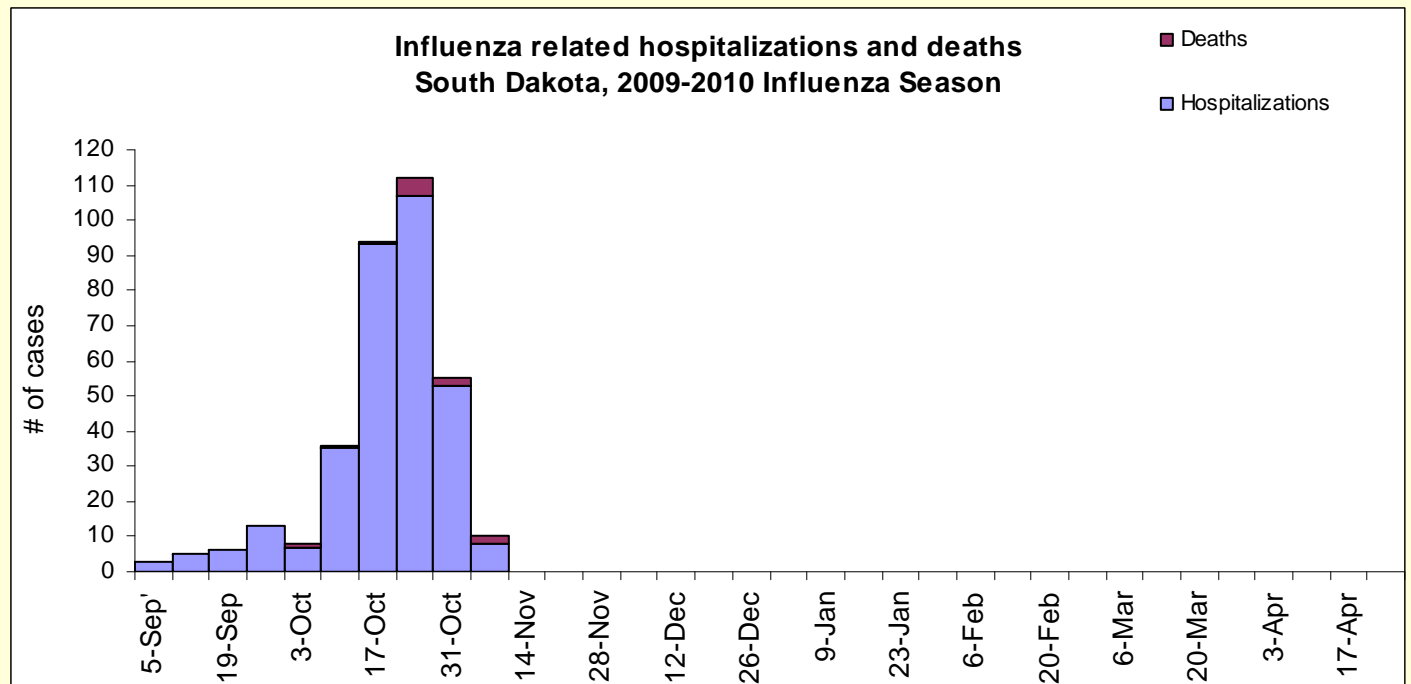
**2009-2010 Influenza Season Lab Confirmed Influenza cases*,
 % Rapid Antigen Positive, & % School Absenteeism SD
 * Confirmed by Culture, PCR, or DFA**



Age Distribution of Reported Influenza Hospitalization Cases, South Dakota 2009-2010 Season (cumulative)

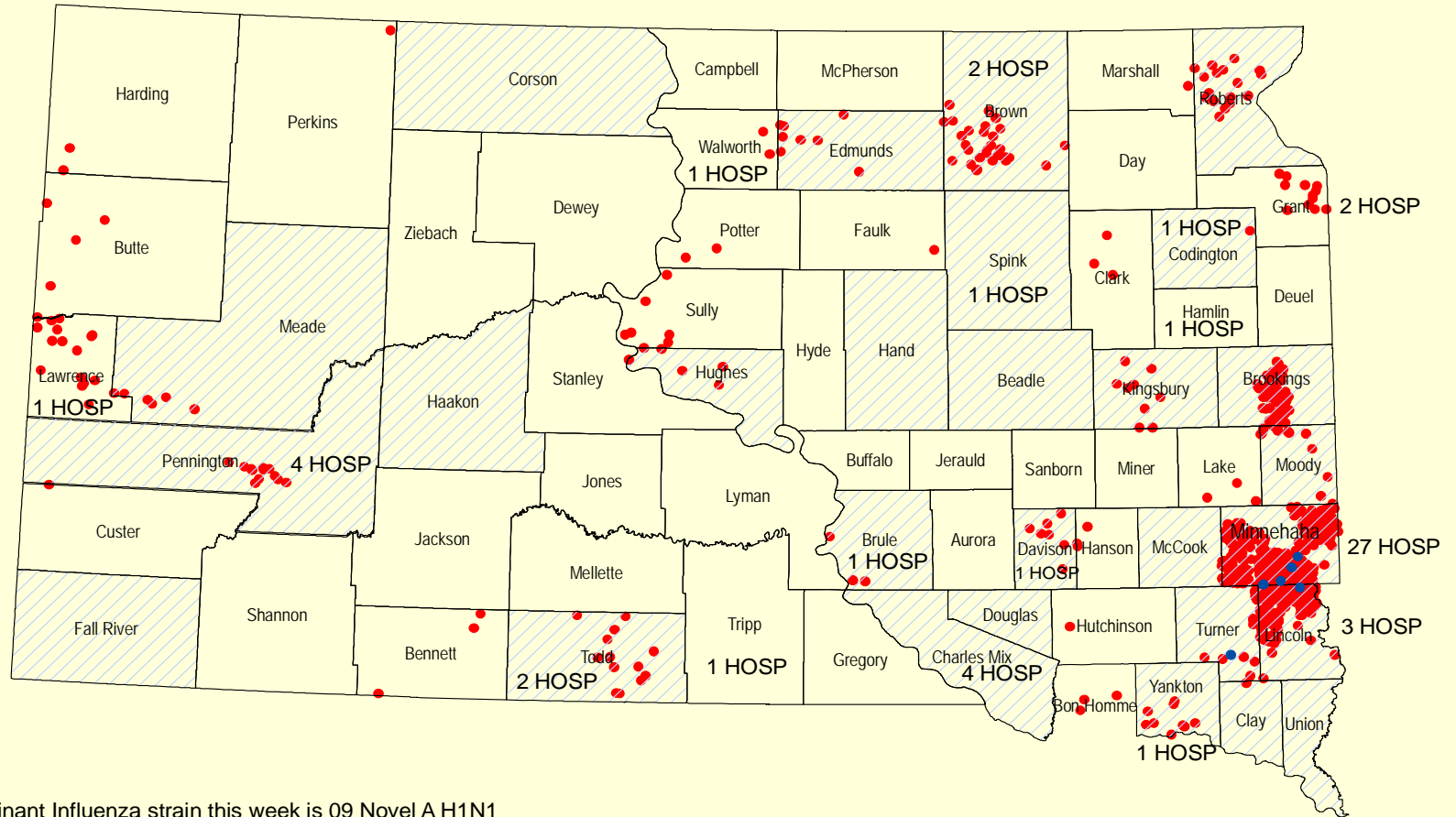
Age Group	Number	Percent
0-9 yrs	139	42%
10-18 yrs	29	9%
19-29 yrs	38	12%
30-39 yrs	21	6%
40-49 yrs	28	8%
50-59 yrs	35	11%
60-69 yrs	22	7%
70+ yrs	15	5%
Total	330	

Scientists estimate that people are not washing their hands often or well enough and may transmit up to 80% of all infections by their hands. From doorknobs, harmful germs can live on almost everything. Hand washing may be your single most important act to help stop the spread of infection and stay healthy.



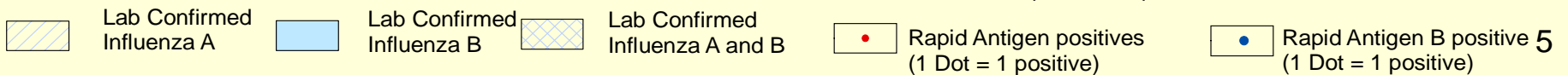
SD 2009/2010 Influenza Weekly Summary

Week Ending 31 Oct 09 (Provisional Data)

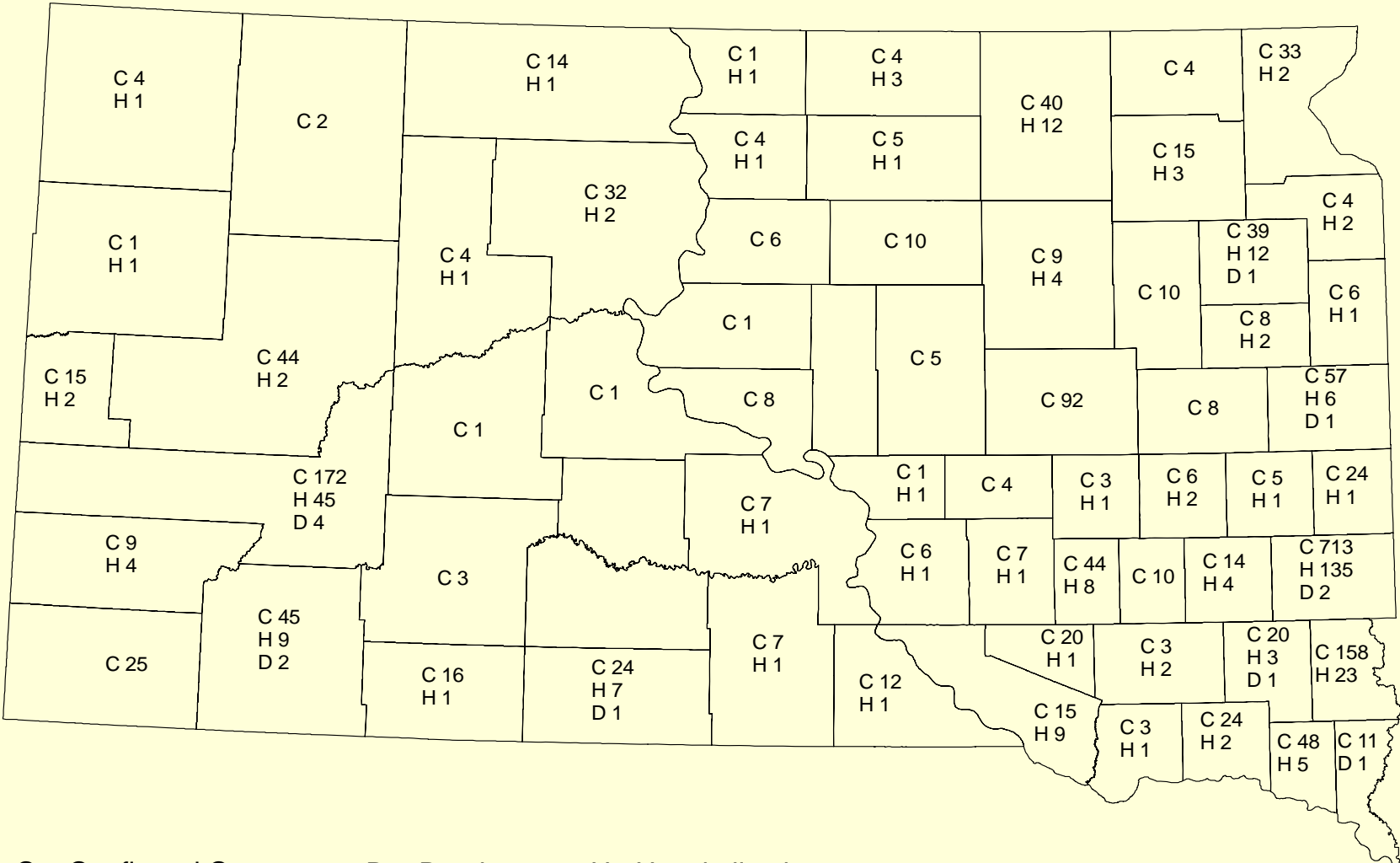


The predominant Influenza strain this week is 09 Novel A H1N1

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



2009/2010 Influenza Breakdown by County Note: Influenza numbers do not count rapid antigen tests; however, influenza related hospitalizations and deaths do count rapid antigen tests. Provisional cumulative numbers 30 Aug – current date



C = Confirmed Cases D = Deaths H= Hospitalizations

SD Influenza Confirmed Cases, 2004-2010

Note: 2009-10 data is provisional

