

Skokie Health Department
Personal Health Division

Descriptive Statistics – Novel Influenza A (H1N1) Cases
5/19/2009 (2:00PM)

As of 2:00 PM on Tuesday, May 19, there were 42 confirmed cases of novel influenza A H1N1 infection in Skokie residents. Twenty five in-depth case investigations had been completed, and initial information was obtained regarding severity of illness for the remaining cases. The results of the initial analysis of this data are summarized in the two tables and figure below.

❖ **Table 1**

Select demographic characteristics of Skokie residents confirmed to have Novel Influenza A (H1N1) (as of 5/19/2009, 2:00 PM)

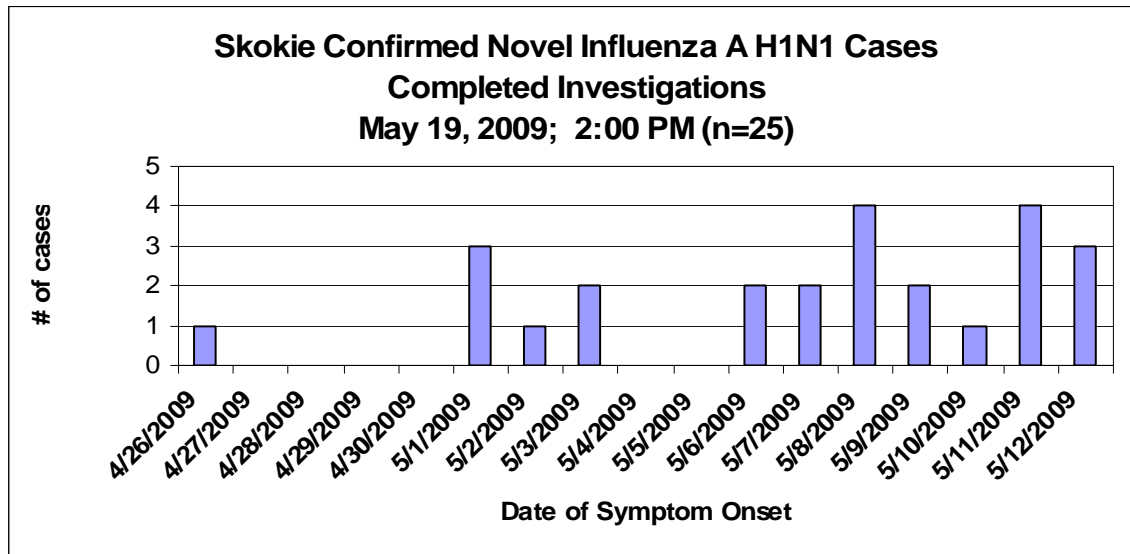
| <i>Characteristic</i> | <i>N</i> | <i>%</i> |
|--------------------------|-----------|------------|
| Sex | | |
| Male | 20 | 52 |
| Female | 22 | 48 |
| Age Group (Years) | | |
| 0-4 | 4 | 10 |
| 5-9 | 6 | 14 |
| 10-19 | 23 | 55 |
| 20-29 | 1 | 2 |
| 30-39 | 3 | 7 |
| 40-49 | 4 | 10 |
| 50-59 | 0 | 0 |
| 60-69 | 1 | 2 |
| Median Age (Years) | 12.0 | |
| Average Age (Years) | 16.7 | |
| Age Range (Years) | (3 - 60) | |
| Total | 42 | 100 |

} 79%

Key Points:

- There have been no serious illnesses or hospitalizations.
- No cases traveled outside of the U.S. or had known exposure to an ill person.
- The majority of cases are 10 – 19 years old (55%), and 79% of cases are less than 19 years old.

❖ **Figure**



Key Points:

- Pattern is consistent with ongoing person-to-person transmission in the community.
- Three of the 24 households (13%) with cases reported multiple ill household members. Two confirmed cases are from the same household; two additional cases reported ill family members who were not tested for H1N1 but were treated with Oseltamivir (Tamiflu®).
- There were multiple cases from several K-12 school outbreaks.
- Fourteen cases (56%) were treated with antiviral medications.

❖ **Table 2**

Signs and Symptoms in Skokie Residents with Confirmed Novel Influenza A (H1N1); For twenty-five cases with completed investigations as of 5/19/09, 2:00 PM.

| <i>Signs and Symptoms</i> | <i>N</i> | <i>Total</i> | <i>%</i> | <i>Median Temp*</i> |
|--------------------------------------|----------|--------------|----------|---------------------|
| Fever ($\geq 100^{\circ}\text{F}$) | 21 | 23 | 91 | 102°F |
| Cough | 24 | 25 | 96 | |
| Sore throat | 10 | 25 | 40 | |
| GI symptoms (Diarrhea) | 1 | 25 | 4 | |

* 2 of 25 (8%) persons reporting fever did not have information on highest temperature.

Key Points:

- Cases are primarily young, healthy persons reporting a few days of fever, cough and congestion with gradual resolution of symptoms.
- This picture is consistent with regional and national data.