



PHILLY FLU FINDINGS

Philadelphia Department of Public Health
Seasonal Influenza Surveillance Report

Philadelphia Influenza Activity

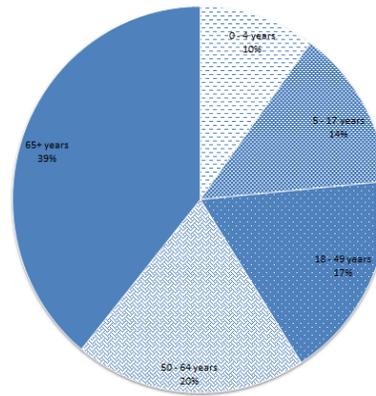
Please note these data are provisional and subject to change.

There were 44 cases of influenza (Philadelphia resident, positive by rapid test, PCR or culture, and hospitalized for ≥ 24 hrs.) in Philadelphia during week 12. Among select hospital laboratories, influenza A percent positivity declined compared to the previous week. Influenza-like illnesses (ILI) at emergency departments (ED) remained level while pediatric outpatient clinic ILI decreased for week 12. There was 1 influenza outbreak (≥ 1 case of laboratory confirmed influenza) in long-term care facility for week 12, resulting in a total of 29 for the 2016-2017 flu season. Thirteen influenza-associated deaths have been reported for the season. No pediatric influenza-associated deaths have been reported.

Surveillance type	Compared to week of 3/19-3/25	Compared to 3-yr seasonal mean
Hospital ED Fever/flu visits	—	—
Pediatric Clinics ILI	↓	—
Laboratory Influenza Surveillance	↓	—

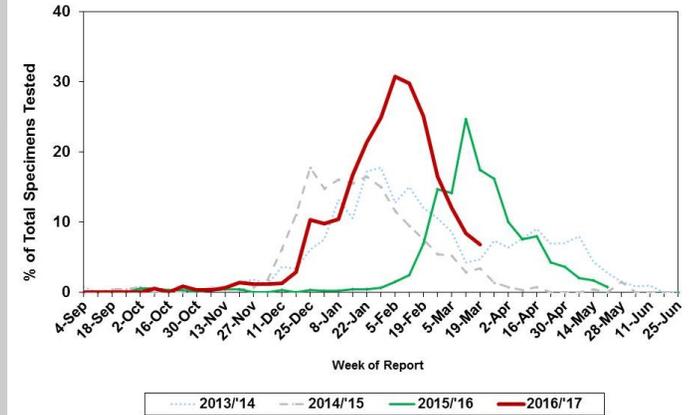
↑ = above 10 % of comparison group
 — = equivalent to comparison group (-10% to +10%)
 ↓ = below 10 % of comparison group

Philadelphia Hospitalized Influenza Cases by Age Group, N=903
October 1, 2016- March 23, 2017



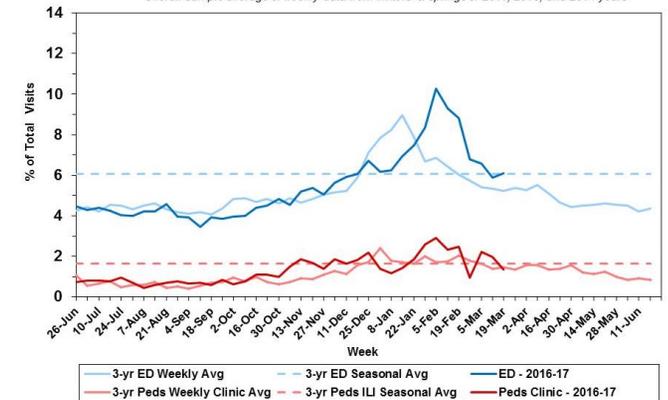
Laboratory-Based Surveillance for Influenza A (%): Philadelphia, 2013/2014 through 2016/2017 Seasons*

*Based on select hospital laboratories participating in surveillance across respiratory virus seasons



Influenza-like Illness at Philadelphia Emergency Departments and Pediatric Ambulatory Clinics, 2016-17 Data Compared to 3-Year Historical Weekly* and Seasonal** Averages

*Weekly average of values from 2011, 2013, and 2014 years
 **Overall sample average of weekly data from winters & springs of 2011, 2013, and 2014 years



Pennsylvania

Flu activity is widespread. Flu activity has peaked, but still remains high in Pennsylvania for week 12. The highest flu activity was reported in the southeast region of the state. From 10/02/16 to 3/25/17, there were 61,816 flu cases (positive by rapid test, PCR, or culture). There were 47,806 (77.3%) Influenza A cases, 13,784 (22.3%) Influenza B cases and 226 (0.4%) unknown cases. 550 cases made up the season-to-date influenza sub-typing results from state public health labs. Influenza A/H3 made up 86.55% of the positive cases followed by Influenza B/Victoria (6.18%) and other (7.27%). Five influenza-associated deaths were reported this week bringing the total count to 118 for the 2016-2017 flu season, including three

United States

Flu activity decreased, but remained elevated in the U.S. during week 12. The percentage of respiratory specimens that tested positive for influenza in clinical laboratories increased slightly. 23,666 specimens were tested at clinical laboratories and 4,768 (20.1%) specimens tested positive for influenza. 2,253 (47.3%) specimens tested positive for Influenza A and 2,515 (52.7%) specimens tested positive for Influenza B, an increase from last week. 1,253 specimens were tested at public health labs and 602 (48%) specimens tested positive. There were 320 (53.2%) positive Influenza A specimens and 282 (46.8%) positive Influenza B specimens. Influenza A/H3 was the most frequently identified influenza virus that was reported by public health labs with 291 (48%) positive tests. No viruses were resistant to oseltamivir, zanamivir and peramivir. Six influenza-associated pediatric deaths were reported to CDC during week 12, bringing the total count to 61 for the 2016-2017 flu season. Between 10/01/16 and 3/25/17, a rate cumulative rate of 54.1 laboratory-confirmed influenza-associated hospitalizations per 100,000 population was reported. The proportion of people visiting their health care provider for influenza-like illness (ILI) was 3.2%, which is above the national baseline of 2.2%. Ten states experienced high ILI activity. Eight states experienced moderate ILI activity. Eight states experienced low ILI activity. 24 states experienced minimal ILI activity. Thirty-one states, including Delaware, New Jersey and Pennsylvania reported widespread influenza activity. Twelve states reported regional influenza activity. Washington, DC and five states reported local influenza activity. Two states reported sporadic activity. New Jersey had 7 cases of Influenza A/H3N2 and 92 cases of Influenza B.

All institutional outbreaks and hospitalized and fatal cases of influenza are to be reported to PDPH.

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