



# PHILLY FLU FINDINGS

Philadelphia Department of Public Health  
 Seasonal Influenza Surveillance Report  
 Week 1: January 1-7 2017

## Philadelphia Influenza Activity

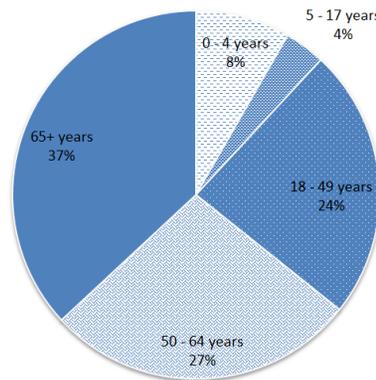
Please note these data are provisional and subject to change.

There were 24 cases of influenza (Philadelphia resident, positive by rapid test, PCR or culture, and hospitalized for ≥ 24 hrs.) in Philadelphia during week 1. 93 laboratory-confirmed influenza illnesses were reported last week among select hospital laboratories, an increase from the previous week. However, influenza-like illnesses at emergency departments and pediatric ambulatory clinics decreased for week 1. There was 1 influenza outbreak (≥ 1 case of laboratory confirmed influenza) in a long-term care facility this week bringing the total count to 6 for the 2016-2017 flu season. No influenza deaths have been reported this season.

Surveillance type	Compared to week of 12/25–12/31	Compared to 3-yr seasonal mean
Hospital ED Fever/flu visits	↓	—
Pediatric Clinics ILI	↓	—
Laboratory Influenza Surveillance	↑	—

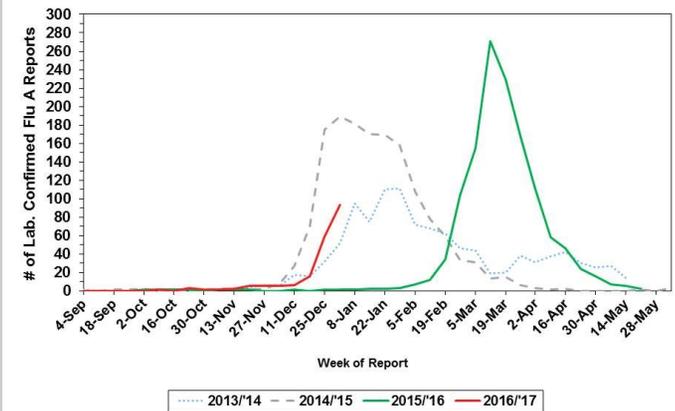
↑ = above 10 % of comparison group  
 — = equivalent to comparison group (-10% to +10%)  
 ↓ = below 10 % of comparison group

Philadelphia Hospitalized Influenza Cases by Age Group  
 September 1, 2016-January 7, 2017



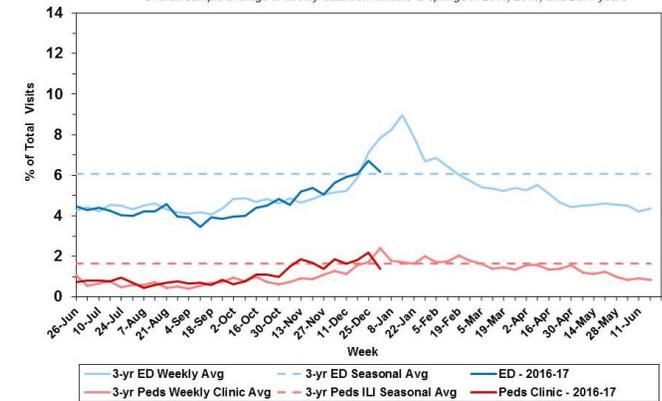
## Laboratory-Based Surveillance for Influenza A Philadelphia, 2013/2014 through 2016/2017 Seasons\*

\*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

Pennsylvania's flu activity is widespread and continues to increase during week 1. The highest flu activity was reported in the southwest region of the state. From 10/02/16 to 1/7/17, there were 7,593 flu cases (positive by rapid test, PCR, or culture). There were 6,520 (85.9%) Influenza A cases, 1,039 (13.7%) Influenza B cases and 34 (0.4%) unknown cases. 211 cases made up the season-to-date influenza sub-typing results from state public health labs. Influenza A/H3N2 made up 83.9% of the positive cases followed by Influenza B/Victoria (10.4%) and other (5.7%). Four influenza associated deaths were reported this week bringing the total count to 13 for the 2016-2017 flu season. No pediatric influenza associated deaths have been reported for the current season.

## United States

Flu activity increased in the U.S. during week 1. The percentage of respiratory specimens that tested positive for influenza increased for clinical laboratories. 25,797 specimens were tested at clinical laboratories, and 3,580 (13.9%) specimens tested positive for influenza. 3,287 (91.8%) specimens tested positive for Influenza A and 293 (8.2%) specimens tested positive for Influenza B. 1,973 specimens were tested at public health laboratories and 928 specimens tested positive. There were 885 (95.4%) positive Influenza A specimens and 43 (4.6%) positive Influenza B specimens. Influenza A/H3N2 was the most frequently identified influenza virus that was reported by public health labs with 833 (94.1%) positive tests. No viruses were resistant to oseltamivir, zanamivir and peramivir. 3 influenza-associated pediatric deaths were reported to CDC during week 1, which brings the total count to 3 for the 2016-2017 flu season. The proportion of deaths attributed to pneumonia and influenza was below the system-specific epidemic threshold in the National Center for Health Statistics Mortality Surveillance System. Between October 1, 2016 and January 7, 2017, 1,992 laboratory-confirmed influenza-associated hospitalizations were reported. A rate of 7.1 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%. New York City, New Jersey and 7 states experienced high ILI activity. 6 states, including Pennsylvania, experienced moderate ILI activity. 7 states experienced low ILI activity. Delaware and 27 states experienced minimal ILI activity. 21 states, including Delaware, New Jersey and Pennsylvania, reported widespread influenza activity. 20 states reported regional influenza activity. Washington, DC and 8 states reported local influenza activity.

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

Phone: (215) 685-6742 Fax: (215) 238-6947 Email: ACD@phila.gov Reporting requirements and forms are posted online at hip.phila.gov