



PHILLY FLU FINDINGS

Philadelphia Department of Public Health
 Seasonal Influenza Surveillance Report
 Week 8: February 19-25, 2017

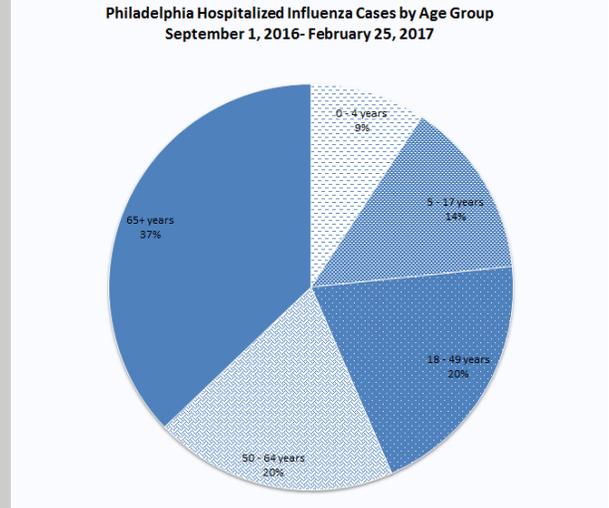
Philadelphia Influenza Activity

Please note these data are provisional and subject to change.

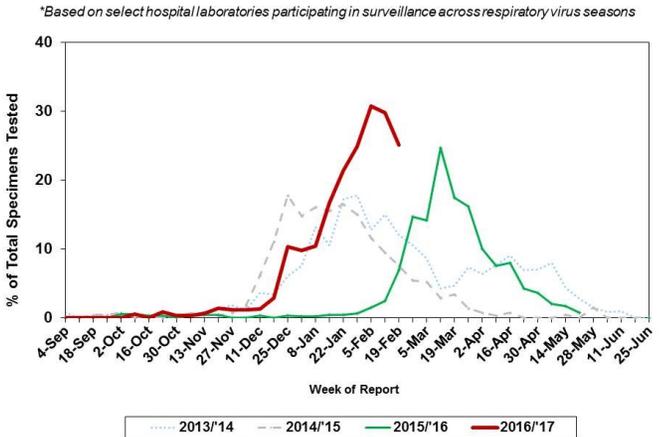
There were 61 cases of influenza (Philadelphia resident, positive by rapid test, PCR or culture, and hospitalized for ≥ 24 hrs.) in Philadelphia during week 8. Among select hospital laboratories, influenza A percent positivity declined compared to the previous week. Influenza-like illnesses (ILI) at emergency departments (ED) also decreased for week 8 while ILI slightly increased at pediatric outpatient clinics. There were 3 influenza outbreaks (≥ 1 case of laboratory confirmed influenza) in long-term care facilities for week 8, resulting in a total of 25 for the 2016-2017 flu season. Six influenza-associated deaths have been reported for the season. No pediatric influenza-associated deaths have been reported.

Surveillance type	Compared to week of 2/12-2/18	Compared to 3-yr seasonal mean
Hospital ED Fever/flu visits	—	↑
Pediatric Clinics ILI	↑	↑
Laboratory Influenza Surveillance	↓	↑

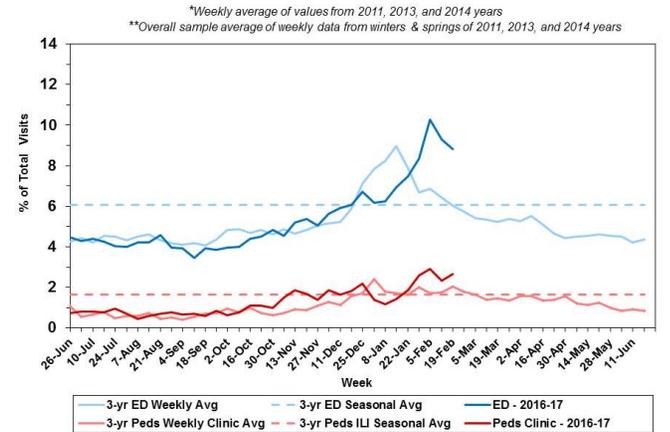
↑ = above 10 % of comparison group
 — = equivalent to comparison group (-10% to +10%)
 ↓ = below 10 % of comparison group



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



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



Pennsylvania

Flu activity is widespread and continues to be high in Pennsylvania for week 8. The highest flu activity was reported in the southeast region of the state. From 10/02/16 to 2/25/17, there were 47,851 flu cases (positive by rapid test, PCR, or culture). There were 39,780 (83.1%) Influenza A cases, 7,917 (16.5%) Influenza B cases and 154 (0.4%) unknown cases. 474 cases made up the season-to-date influenza sub-typing results from state public health labs. Influenza A/H3 made up 89.0% of the positive cases followed by Influenza B/Victoria (6.5%) and other (4.4%). Eighteen influenza-associated deaths were reported this week bringing the total count to 82 for the 2016-2017 flu season, including two pediatric influenza-associated deaths.

United States

Flu activity remained elevated in the U.S. during week 8. The percentage of respiratory specimens that tested positive for influenza in clinical laboratories remained elevated. 34,124 specimens were tested at clinical laboratories and 8,515 (24.2%) specimens tested positive for influenza. 6,300 (74.0%) specimens tested positive for Influenza A and 2,215 (26.0%) specimens tested positive for Influenza B. 1,924 specimens were tested at public health labs and 1,070 specimens tested positive. There were 884 (82.6%) positive Influenza A specimens and 186 (17.4%) positive Influenza B specimens. Influenza A/H3 was the most frequently identified influenza virus that was reported by public health labs with 884 (82.6%) positive tests. No viruses were resistant to oseltamivir, zanamivir and peramivir. Six influenza-associated pediatric deaths were reported to CDC during week 8, bringing the total count to 40 for the 2016-2017 flu season. Between 10/1/16 and 2/25/17, a rate of 39.4 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 4.8%, which is above the national baseline of 2.2. New Jersey, Pennsylvania and 25 states experienced high ILI activity. Four states experienced moderate ILI activity. New York City and six states experienced low ILI activity. Delaware and 12 states experienced minimal ILI activity. Forty-three states, including Delaware, New Jersey and Pennsylvania reported widespread influenza activity. Five states reported regional influenza activity. Washington, DC, Hawaii and Oregon reported local influenza activity. Delaware had 418 laboratory-confirmed cases of flu. New Jersey had 32 cases of Influenza A/H3N2 and 50 cases of Influenza B, which for the first time surpassed Influenza A.

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