

2017-18 Season Highlights:

- The 2017-2018 influenza activity in Orange County was higher than reported in the past five influenza seasons.
- Influenza A/H3 viruses predominated, although A/H109 and B viruses also circulated in the County.
- More influenza-related deaths were reported than any season since the 2009 pandemic. Three pediatric influenza-associated deaths were reported, none received the 2017-18 influenza vaccine.

Each influenza season, Orange County Health Care Agency partners with local hospitals, primary care providers, universities, and colleges to conduct influenza surveillance. Except for severe cases (persons under the age of 65 years admitted to the intensive care unit or who died), influenza is voluntarily reported in Orange County. While the statistics and trends presented in this summary illustrate seasonal activity, this data should not be considered population-based or representative of all influenza cases.

2017-18 Surveillance Totals

8,278	Total Reported Cases
32 children 48 adults	ICU Cases (0-64 yrs)
3 children 21 adults	Deaths (0-64 yrs)
39 LTCF 4 Schools	Respiratory Outbreaks

LTCF = Long Term Care Facility

Specimen Testing Results from Orange County Public Health Laboratory (n=1,138)

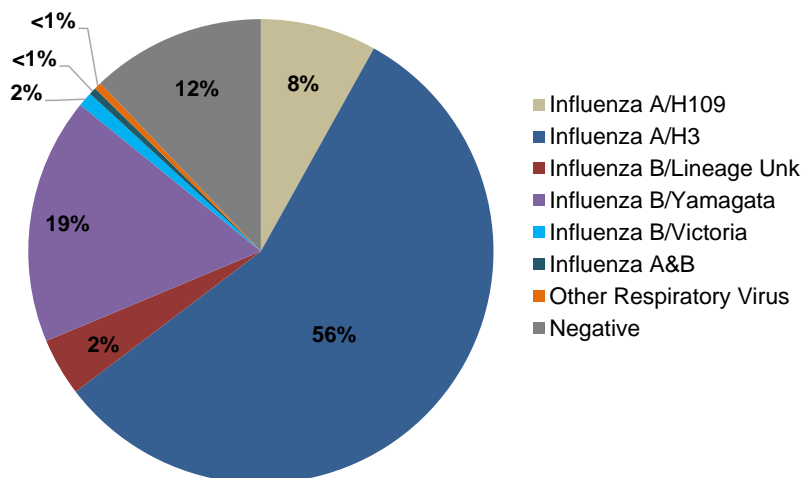


Table 1. Primary Influenza Surveillance Indicators.

Surveillance Indicator	2017-18	2016-17	5YR ² AVG
All influenza detections reported (rapid or PCR) ¹	8,278	2,718	2,103
Severe ³ influenza cases < 65 years	104	36	43
Children (0-17 years)	35	10	9
Adults (18-64 years)	69	26	34
Influenza deaths < 65 years	24	3	11
Children (0-17 years)	3	0	0
Adults (18-64 years)	21	3	11

¹ Except for severe cases, influenza is voluntarily reported in Orange County.

² Five year average includes data from 2012-13 to 2016-17 influenza seasons.

³ Severe = cases under the age of 65 years admitted to an intensive care unit or death.

Eye on Influenza

Updates on Influenza in Orange County

2017-18 Influenza Season Summary

