



# Clark County Influenza Surveillance Update

## 2014-2015 Season Summary

LAST REPORT OF 2014-2015 SEASON

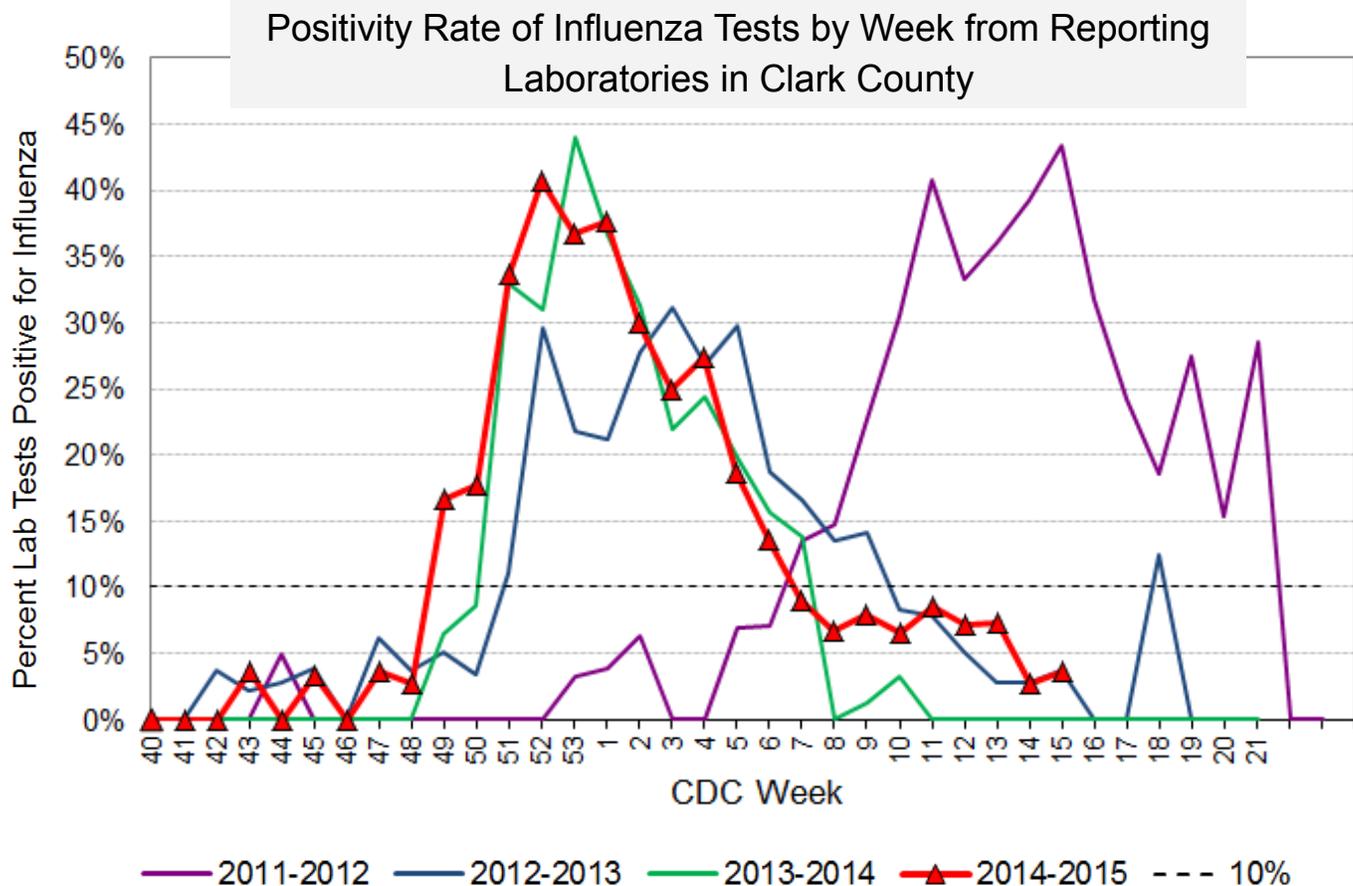
All data are preliminary and may change as more reports are received

### Season Summary

- In the Clark County, there were 550 lab-confirmed influenza cases reported, 7 influenza outbreaks in Long-Term Care Facilities, and 5 influenza-associated deaths.
- H3N2 was the dominant circulating strain of influenza, particularly the A/Switzerland/9715293/2013 strain, which was not included in the seasonal vaccine for North America.
- The vaccine was a less than ideal match to circulating viruses, with about 19% effectiveness. In practical terms, this means the flu vaccine reduced a person's risk of having to seek medical care at a doctor's office for flu illness by 19%.
- The period of high influenza activity started in late November, peaked in late December, and lasted approximately 12 weeks.
- Avian influenza was detected in wild and captive birds in Washington State, but no human cases were identified.

### Laboratory Data from Reporting Laboratories

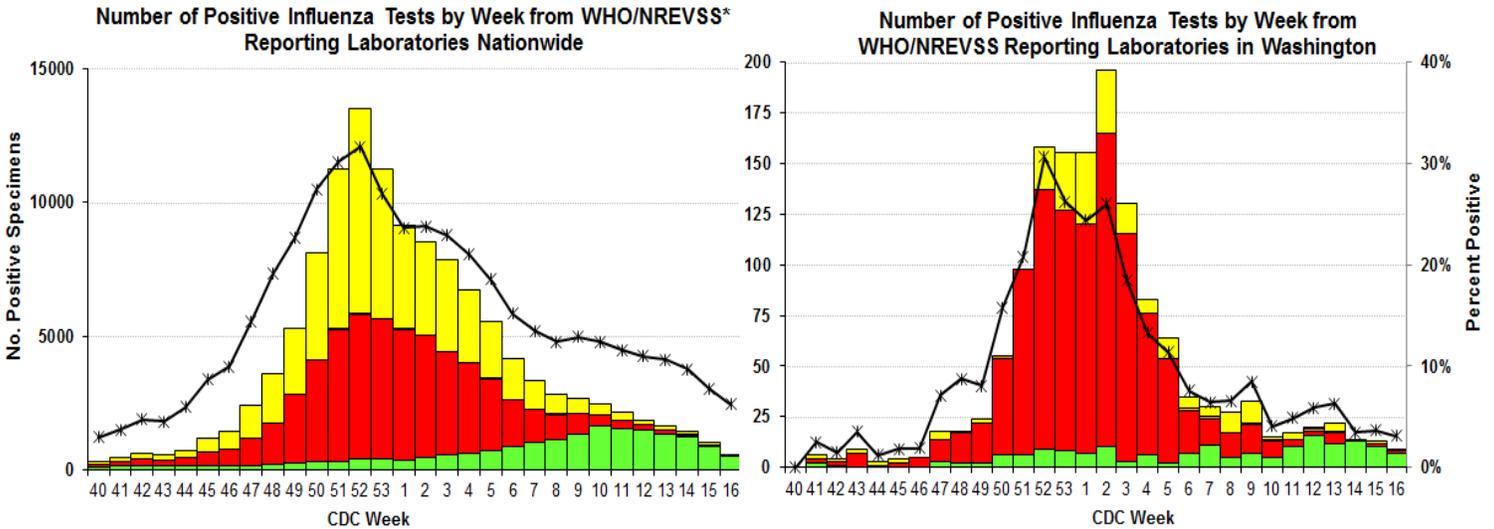
The positivity rate is the percent of influenza tests done by reporting laboratories\* for this influenza season that are positive. Historically, the CDC has used  $\geq 10\%$  positivity to define flu seasons for modeling studies and for calculating influenza-like-illness baselines.



\*Kaiser Permanente, Legacy Health, PeaceHealth

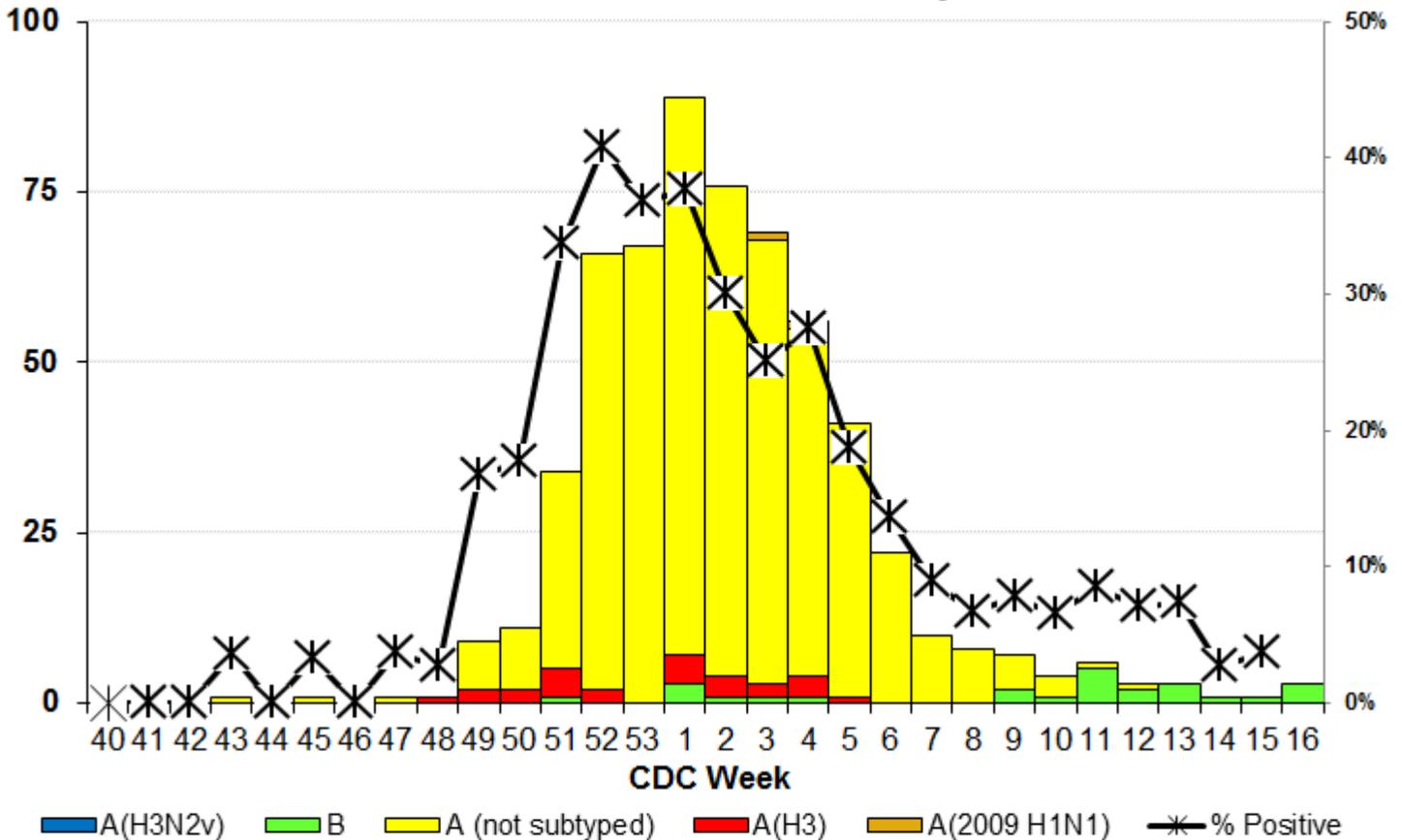
# Circulating Strains from Reporting Laboratories

Reporting laboratories also report specific strains of influenza from positive tests. The colored bars represent the number of each strain being reported, while the black line is the percent of lab tests reported as positive. Below are summaries of national, state, and local influenza test results by CDC Week.



\*World Health Organization / National Respiratory and Enteric Virus Surveillance System

## Number of Positive Influenza Tests by Week from Reporting Laboratories in Clark County



## Influenza Vaccine Composition

During the 2014-2105 season the trivalent influenza vaccine was composed of the following components:

- A/California/7/2009
- A/Texas/50/2012
- B/Massachusetts/2/2012

The World Health Organization (WHO) and the Food and Drug Administration's Vaccines and Related Biological Products Advisory Committee (VRBPAC) have recommended the following components for the 2015-2016 trivalent influenza vaccine:

- A/California/7/2009
- A/Switzerland/9715293/2013
- B/Phuket/3073/2013

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