



# INFLUENZA WATCH

Week 12  
Ending 3/24/2018

The purpose of the weekly **Influenza Watch** is to summarize current influenza surveillance in San Diego County. **Please note that reported weekly data are preliminary and may change due to delayed submissions and additional laboratory results.**

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**Current Week****Current Week 12 (ending 3/24/2018)**

- 399 new influenza detections reported: *Elevated level*
- 3% influenza-like-illness (ILI) among emergency department visits: *Expected level*
- 11 new influenza-related deaths reported this week
- 6 new ICU cases reported this week
- 7% of deaths registered with pneumonia and/or influenza: *Expected level*

**Current Season Summary****19,883**

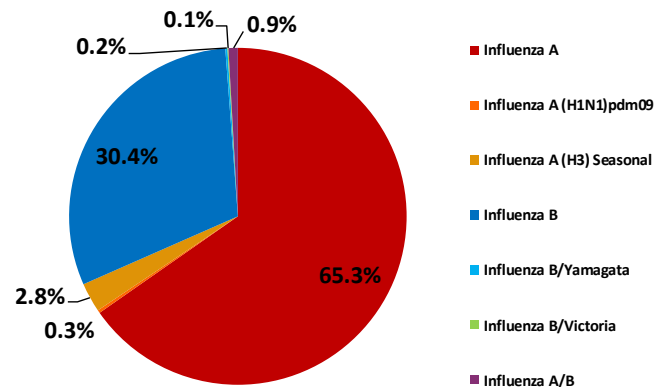
Total Cases

**293**

ICU Cases

**319**Deaths<sup>†</sup>**117**

Outbreaks\*

**Virus Characteristics**

<sup>†</sup> Including 41 deaths less than 65 years of age, reportable to CDPH.

\* At least one case of laboratory-confirmed influenza in a setting experiencing  $\geq 2$  cases of influenza like illness (ILI) within a 72-hour period.

**Table 1. Influenza Surveillance Indicators**

Indicator	FY 2017-18*			FY 2016-17		Prior 3-Year Average**	
	Week 12	Week 11	FYTD <sup>#</sup>	Week 12	FYTD <sup>#</sup>	Week 12	FYTD <sup>#</sup>
All influenza detections reported (rapid or PCR)	399	685	19,883	129	5,085	164	5,761
Percent of emergency department visits for ILI	3%	4%		2%		4%	
Percent of deaths registered with pneumonia and/or influenza	7%	7%		7%		8%	
Number of influenza-related deaths reported <sup>^</sup>	11	6	319	7	79	4	71

<sup>#</sup> FYTD=Fiscal Year To Date (FY is July 1- June 30, Weeks 27-26). Total deaths reported in prior years: 87 in 2016-17, 68 in 2015-16, and 97 in 2014-15.

\* Previous weeks case counts or percentages may change due to delayed processing or reporting.

\*\* Includes FYs 2014-15, 2015-16, and 2016-17.

<sup>^</sup> Current FY deaths are shown by week of report; by week of death for prior FYs.

**Health Officer Order on Influenza Immunization Extended**

A San Diego County [Health Officer Order](#) requires healthcare personnel (HCP) in acute care hospitals, ambulatory and community clinics, emergency medical services agencies, long-term care and nursing facilities, and private physician practices to either receive the annual influenza vaccination or wear a mask while in patient care areas until March 31.

Due to continued elevated influenza activity in the county, the order for unvaccinated HCP to wear a mask while in patient care areas has been extended **until April 30**. The written notice of the extension may be found [here](#). If influenza activity remains elevated, further extension may be required.

Information on the order and resources that may be used in a vaccination program for HCP may be found at [Mandatory Vaccination or Masking for Health Care Personnel](#).

**Table 2. Influenza Detections Reported, FY 2017-18\***

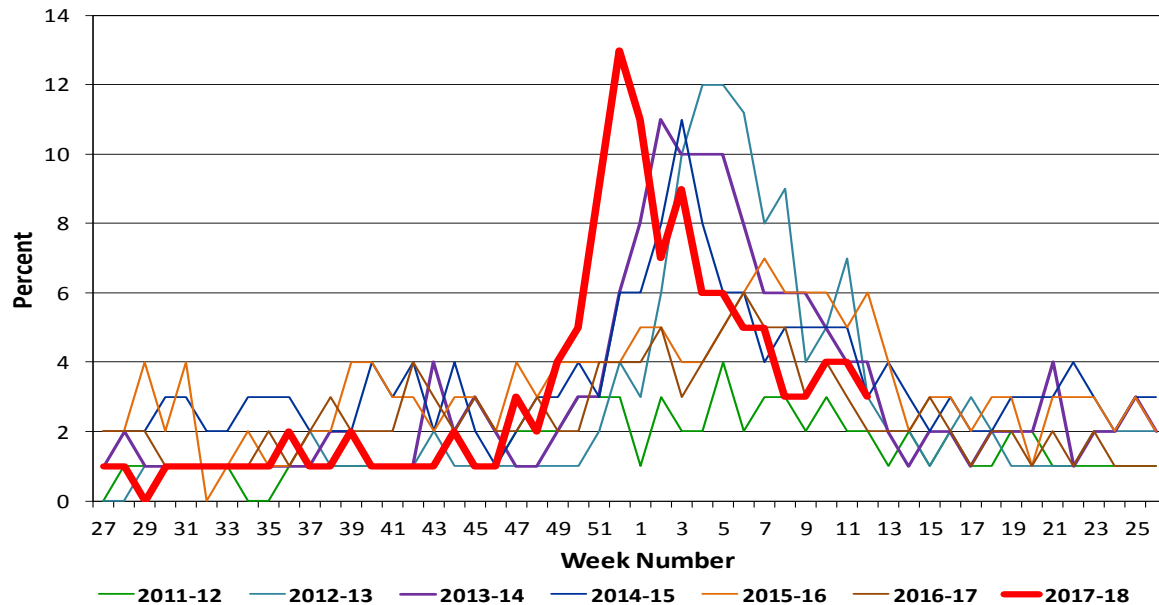
Positive Test Type/Subtype	Week 12	Total FY-To-Date
Influenza A†	66	12,982
Influenza A(H1N1) Pandemic 2009	0	56
Influenza A (H3) Seasonal	1	561
Influenza B†	327	6,047
Influenza B/Victoria	0	19
Influenza B/Yamagata	1	40
Influenza A/B†	4	178
<b>Total</b>	<b>399</b>	<b>19,883</b>

\* FY is July 1- June 30.

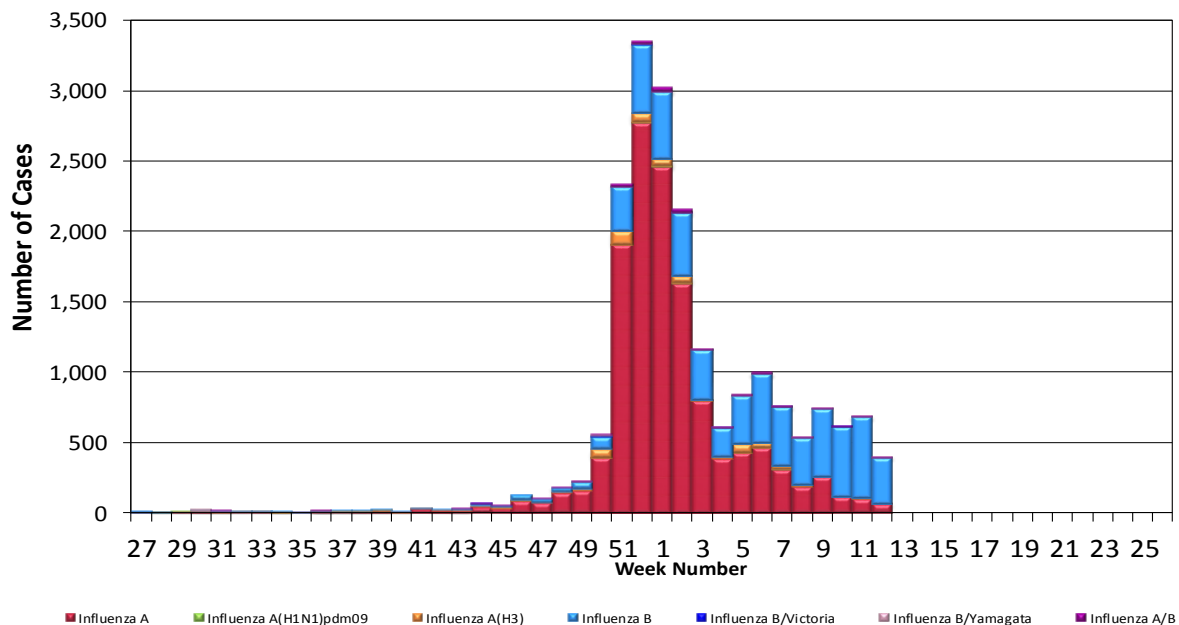
† No further characterization performed, or results were not yet available at time of publication.

Note: Totals may change due to further laboratory findings.

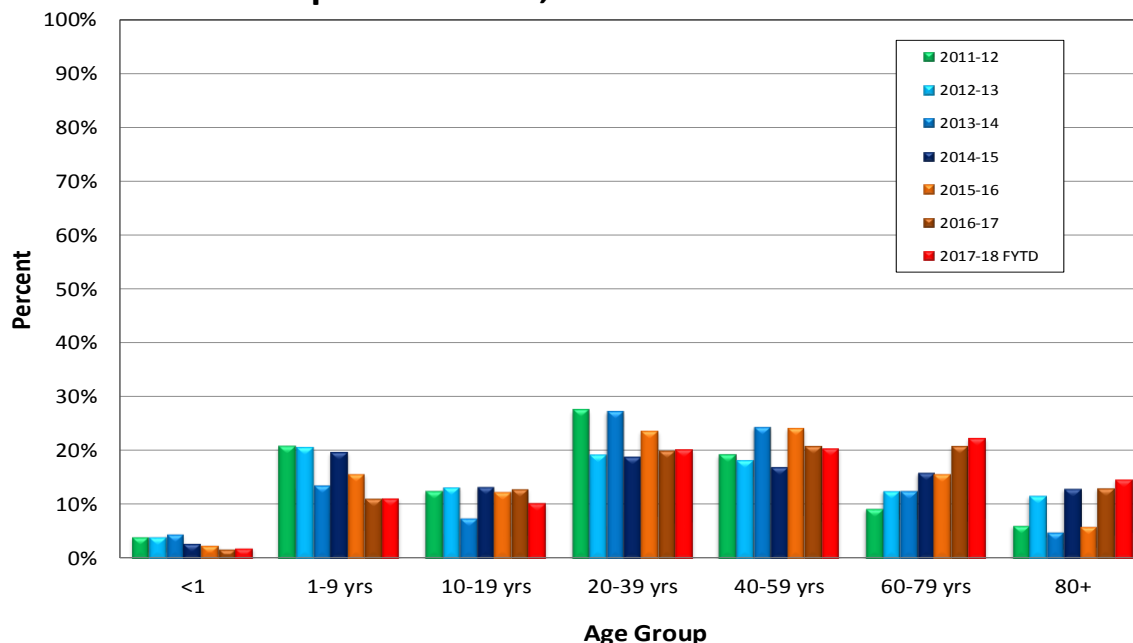
**Figure 1. Percent of Emergency Department Visits for Influenza-like Illness by Week and FY**



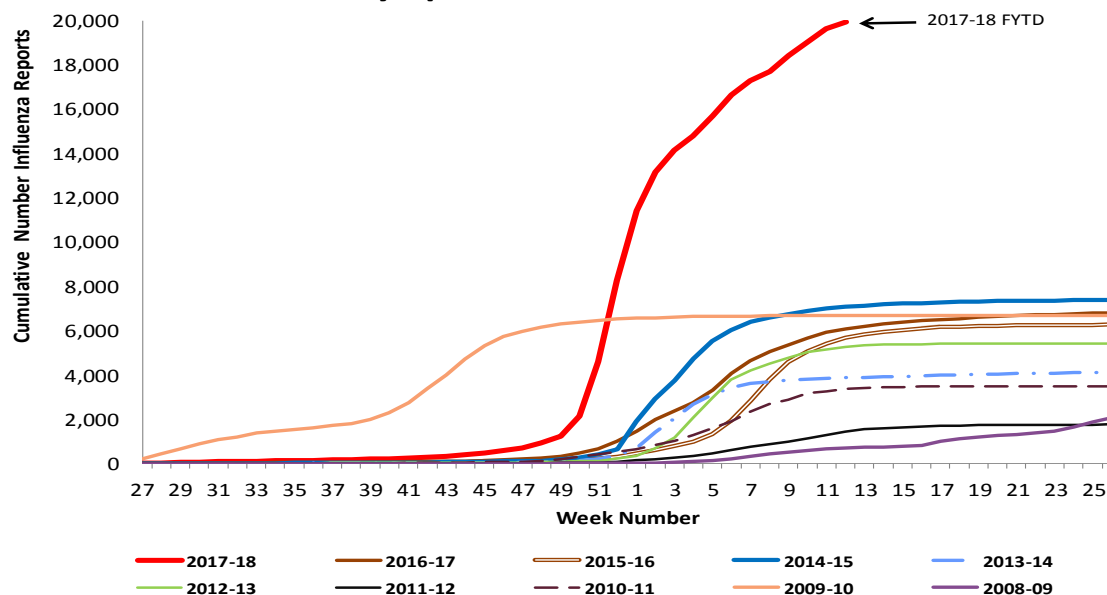
**Figure 2. San Diego County Influenza Detections by Type and Week of Report, 2017-18 FYTD (N=19,883)**



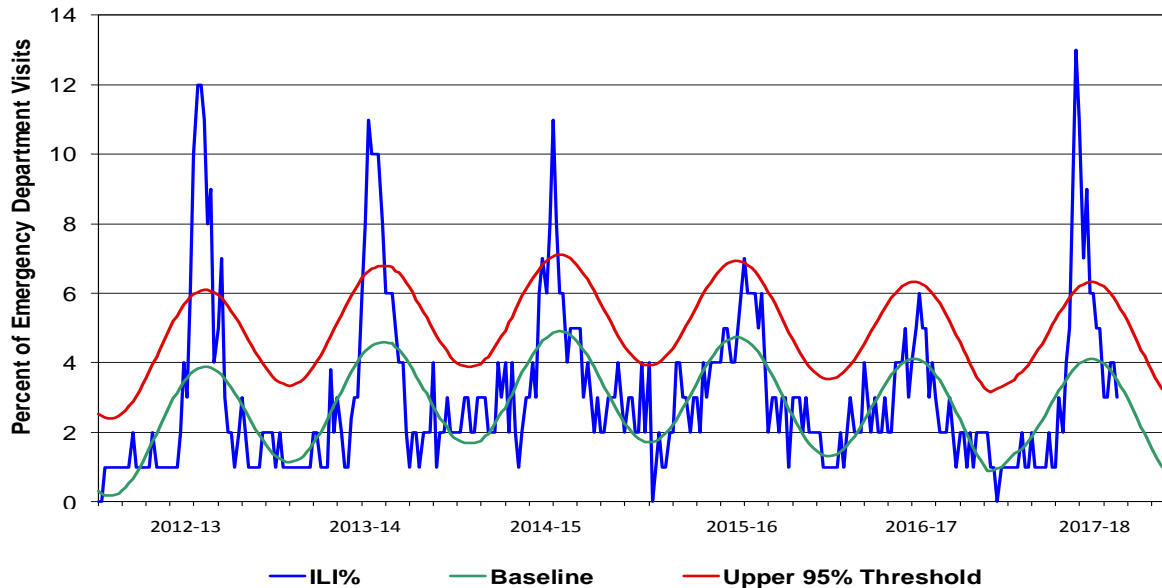
**Figure 3. Percent of Reported Influenza Cases by Age Group and Season, 2011-12 to 2017-18 FYTD**



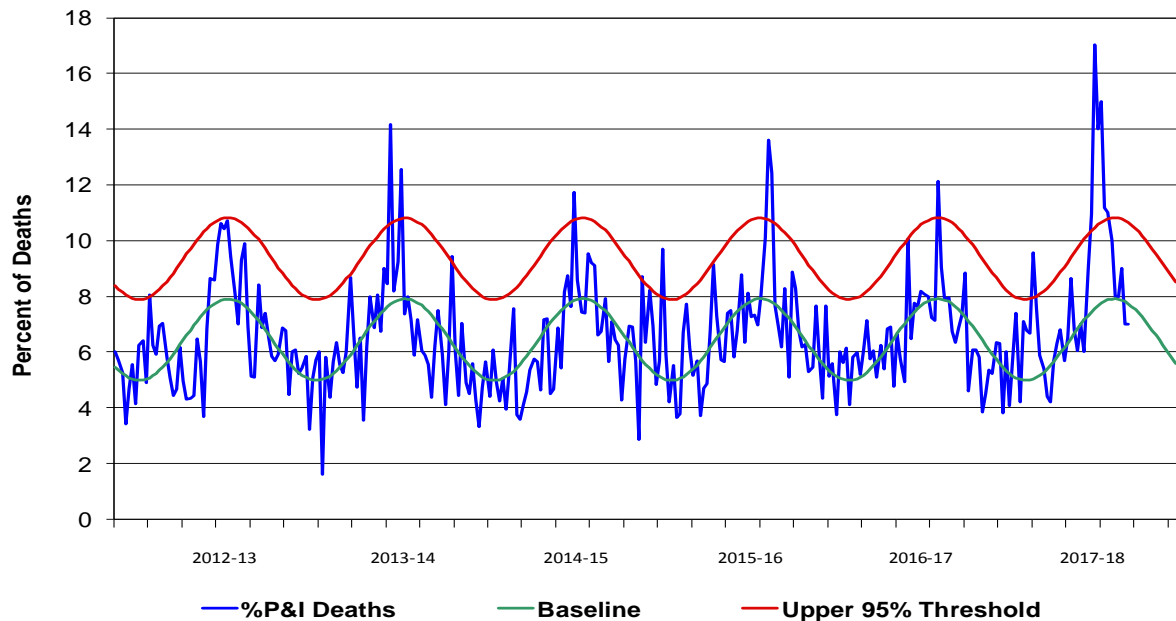
**Figure 4. Cumulative Influenza Case Reports by Episode Week & Season**



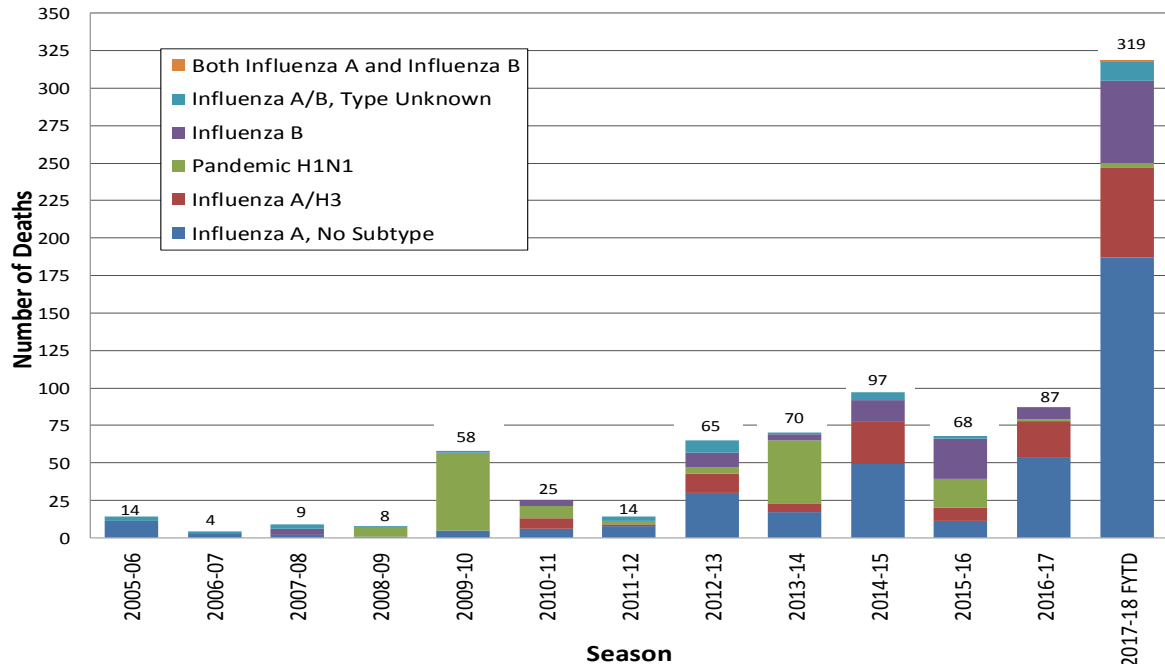
**Figure 5. Percent of San Diego County Emergency Department Visits for Influenza-like Illness by Week and FY Compared to 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)**



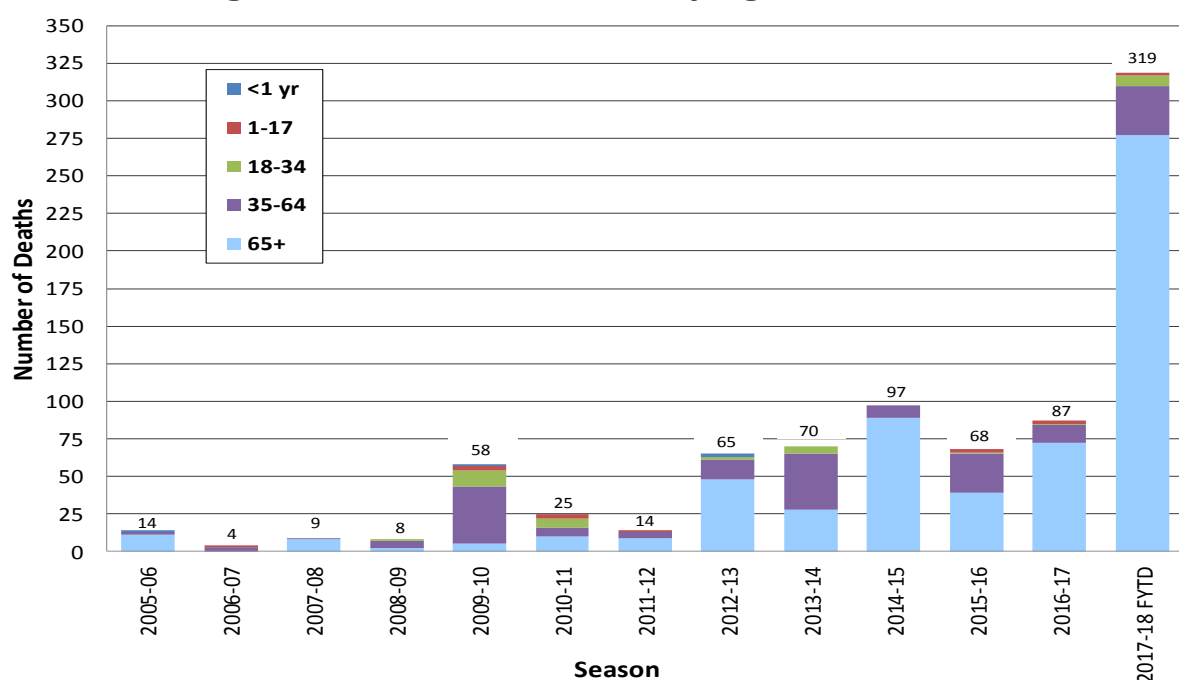
**Figure 6. Percent of San Diego County Deaths Registered with Pneumonia and/or Influenza by Week and FY Compared to Prior 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)**



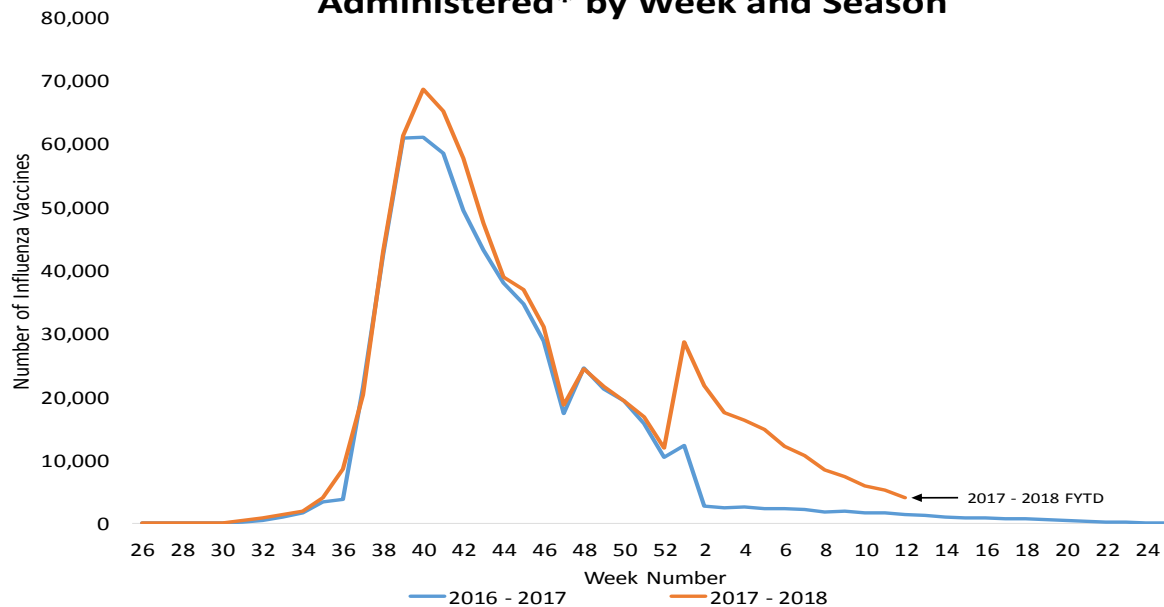
**Figure 7. Influenza Deaths by Type and Season**



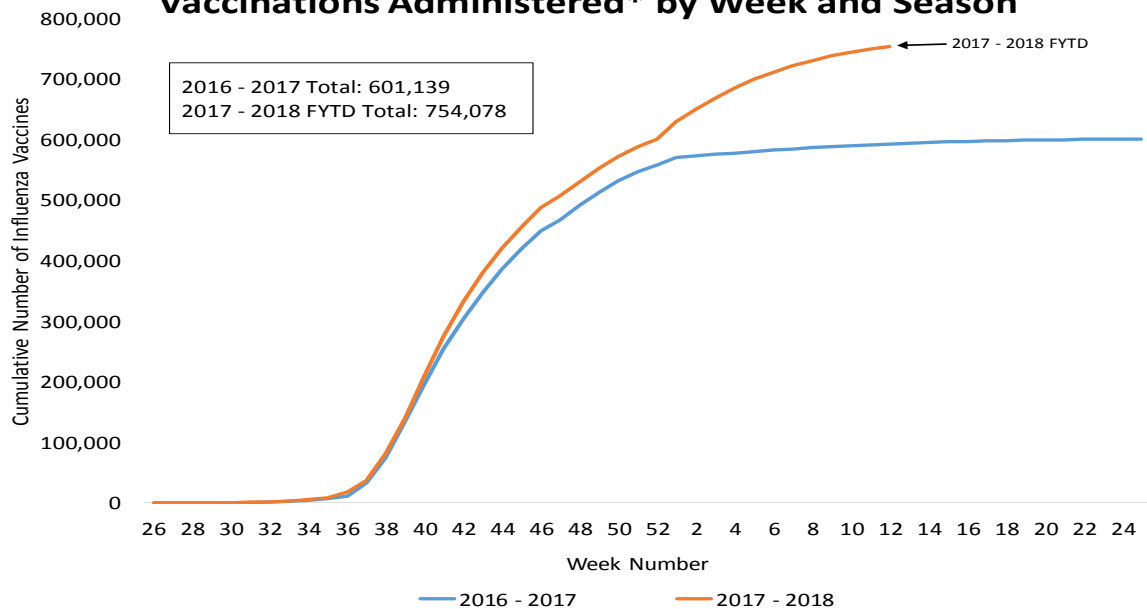
**Figure 8. Influenza Deaths by Age and Season**



**Figure 9. Number of Influenza Vaccinations Administered\* by Week and Season**

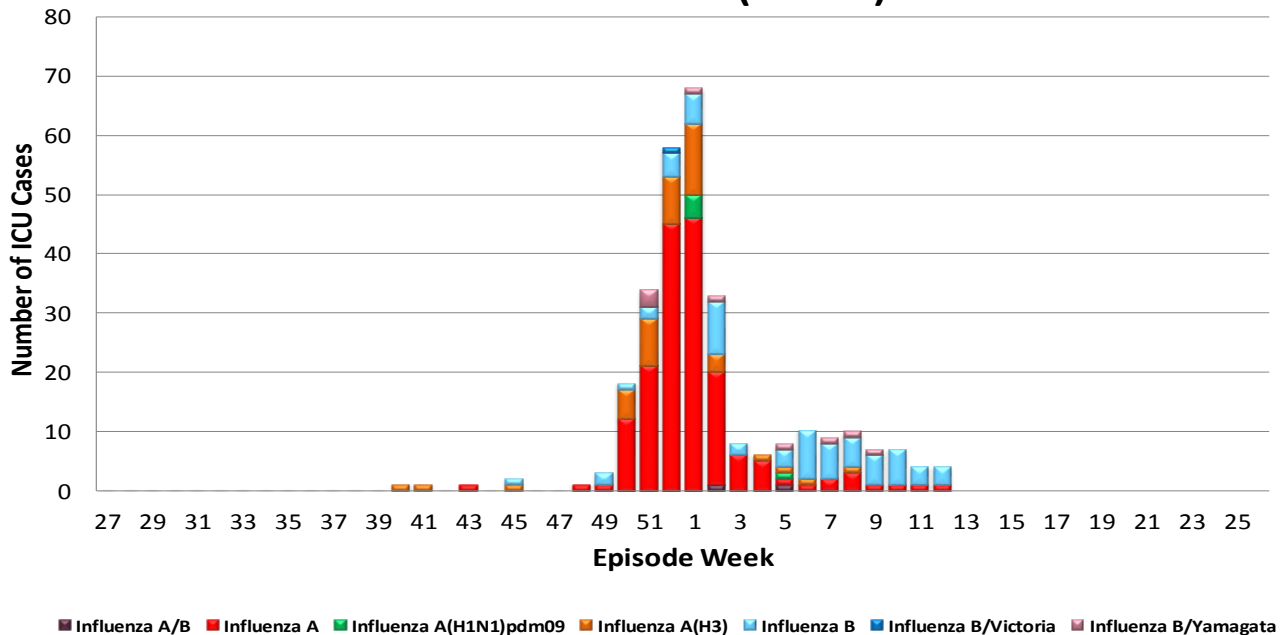


**Figure 10. Cumulative Number of Influenza Vaccinations Administered\* by Week and Season**



\* Influenza vaccinations administered and entered into the San Diego Immunization Registry ([SDIR](#))

**Figure 11. Number of Influenza Cases Requiring ICU Care by Episode Week and Type of Influenza, 2017-18 FYTD (N=293)**



Episode week is the week of symptom onset, or earliest available date in which the case is identified.

## Influenza Reporting in San Diego County

Local providers are encouraged to report laboratory positive influenza detections to the County Epidemiology Program by **FAX (858) 715-6458**. Please fax a [Case Report](#) Form and/or a printed laboratory result, and indicate if the patient was admitted to ICU or died, and/or is a resident of a congregate living facility.

For questions regarding sending specimens to Public Health Laboratory (PHL), call (619) 692-8500. Click here for the updated PHL [PCR Test Request Form](#). Contact the Epidemiology Program with any questions at **(619) 692-8499** or by email to: [EpiDiv.HHSA@sdcounty.ca.gov](mailto:EpiDiv.HHSA@sdcounty.ca.gov).

### Resources

San Diego County Influenza Surveillance Weekly [Slide Deck](#) - presentation version of this report

County of San Diego Immunization Program [www.sdiz.org](http://www.sdiz.org)

California Department of Public Health [Influenza](#)

Centers for Disease Control and Prevention Influenza Surveillance [Weekly Report](#)