



# INFLUENZA WATCH

Week 17  
Ending 4/28/2018

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 17 (ending 4/28/2018)**

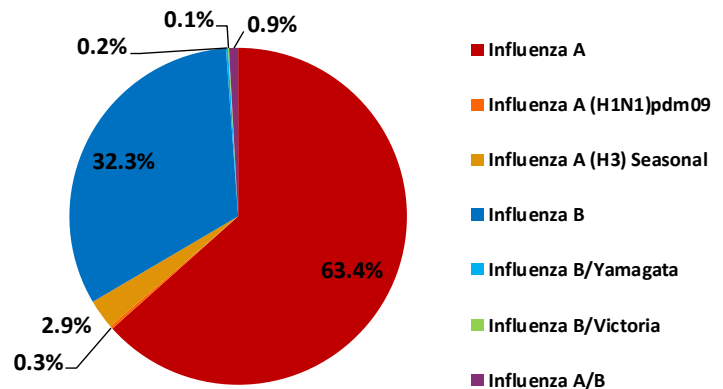
- 96 new influenza detections reported: *Expected level*
- 1% influenza-like-illness (ILI) among emergency department visits: *Expected level*
- No new influenza-related deaths reported this week
- No new ICU cases reported this week
- 7% of deaths registered with pneumonia and/or influenza: *Expected level*

**Current Season Summary****20,757**

Total Cases

**300**

ICU Cases

**341**Deaths<sup>†</sup>**117**Outbreaks<sup>\*</sup>**Virus Characteristics**

<sup>†</sup> Including 44 deaths less than 65 years of age, reportable to CDPH.

<sup>\*</sup> 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 17	Week 16	FYTD <sup>#</sup>	Week 17	FYTD <sup>#</sup>	Week 17	FYTD <sup>#</sup>
All influenza detections reported (rapid or PCR)	96	101	20,757	56	5,484	45	6,137
Percent of emergency department visits for ILI	1%	2%		1%		2%	
Percent of deaths registered with pneumonia and/or influenza	7%	6%		5%		7%	
Number of influenza-related deaths reported <sup>^</sup>	0	2	341	0	86	0	77

<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.

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

<sup>\*\*</sup> 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.

## Weekly Influenza Watch Surveillance Report

This is the final *Influenza Watch* surveillance report for this season.

If you have any comments or suggestions regarding the *Influenza Watch*, please email us at [EpiDiv.HHSA@sdcounty.ca.gov](mailto:EpiDiv.HHSA@sdcounty.ca.gov).

A final influenza season summary will be available in July, and the weekly *Influenza Watch* reports will resume again around October, 2018.

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

Positive Test Type/Subtype	Week 17	Total FY-To-Date
Influenza A†	20	13,117
Influenza A(H1N1) Pandemic 2009	2	62
Influenza A (H3) Seasonal	5	594
Influenza B†	69	6,745
Influenza B/Victoria	0	19
Influenza B/Yamagata	0	41
Influenza A/B†	0	179
<b>Total</b>	<b>96</b>	<b>20,757</b>

\* FY is July 1- June 30.

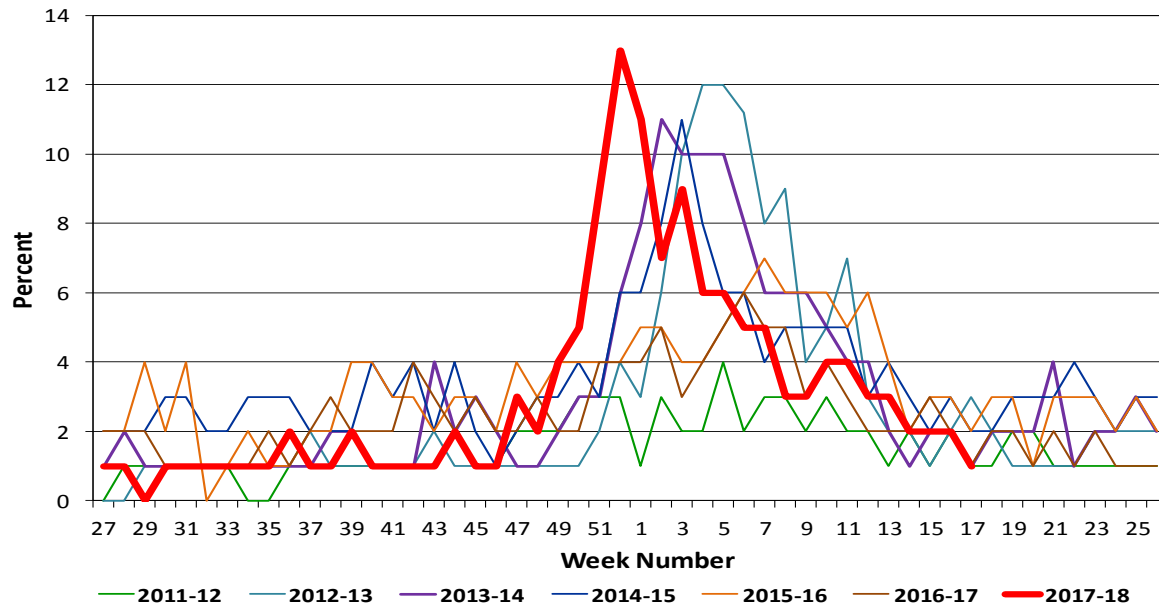
† No further characterization performed, or results were not yet available at time of publication.

Note: Totals may change due to further laboratory findings.

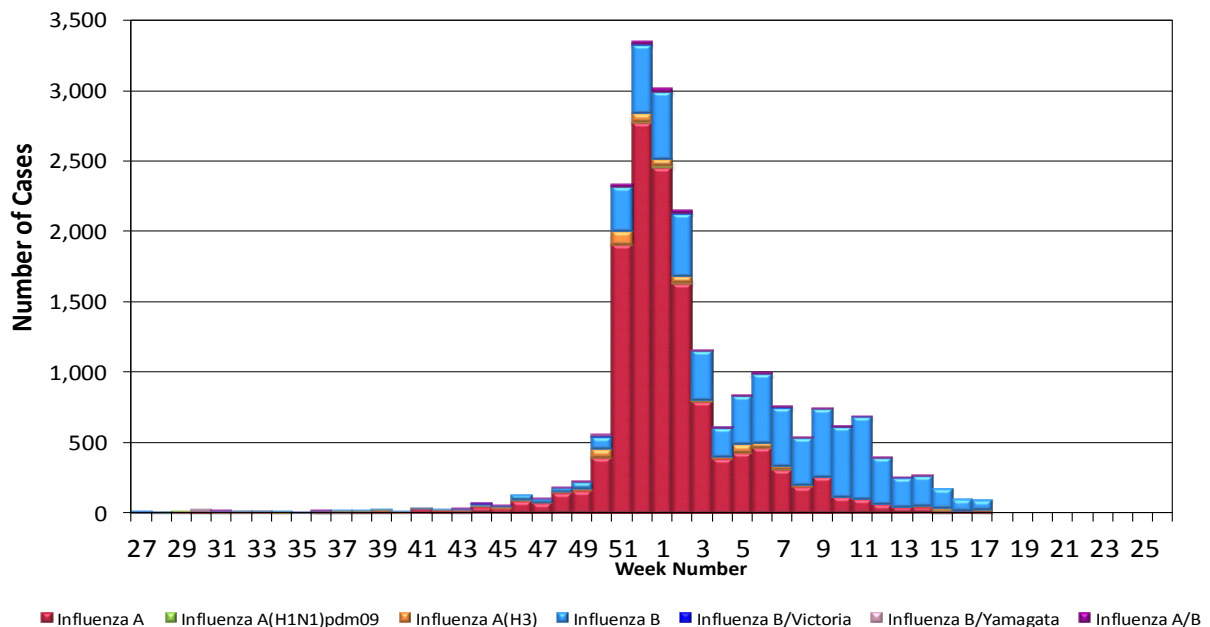
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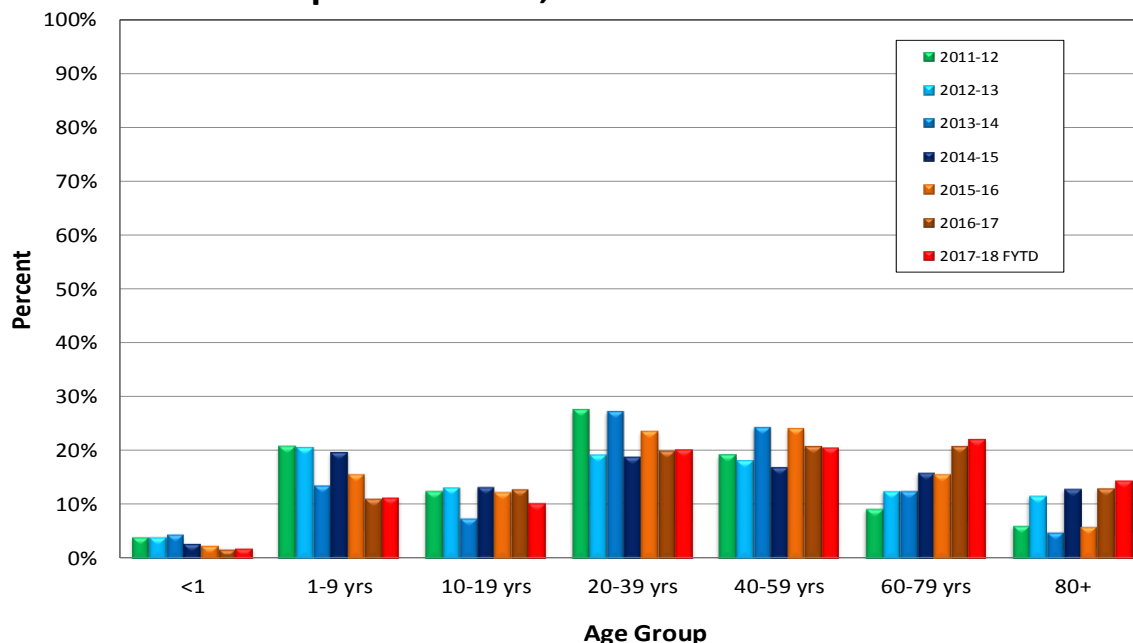
**Figure 1. Percent of Emergency Department Visits for Influenza-like Illness by Week and FY**



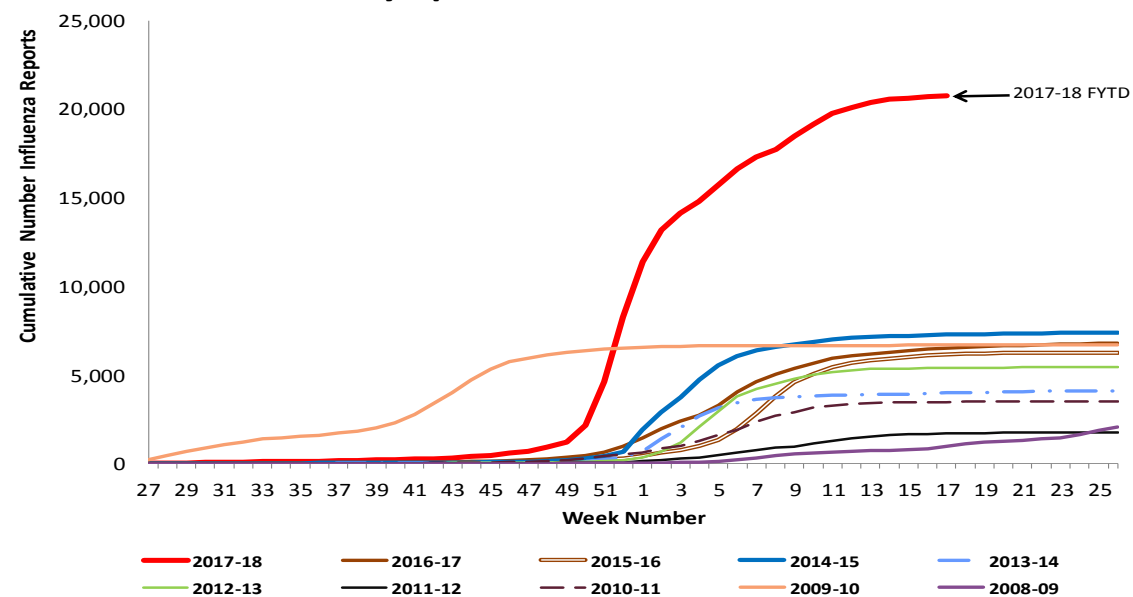
**Figure 2. San Diego County Influenza Detections by Type and Week of Report, 2017-18 FYTD (N=20,757)**



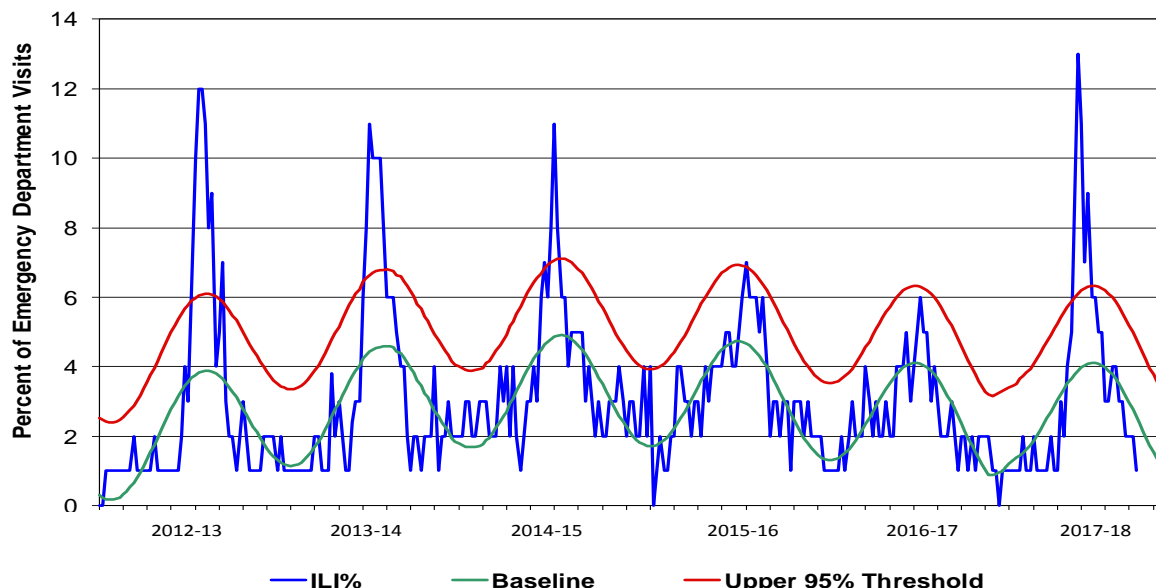
**Figure 3. Percent of Reported Influenza Cases by Age Group and Season, 2011-12 to 2017-18 FYTD**



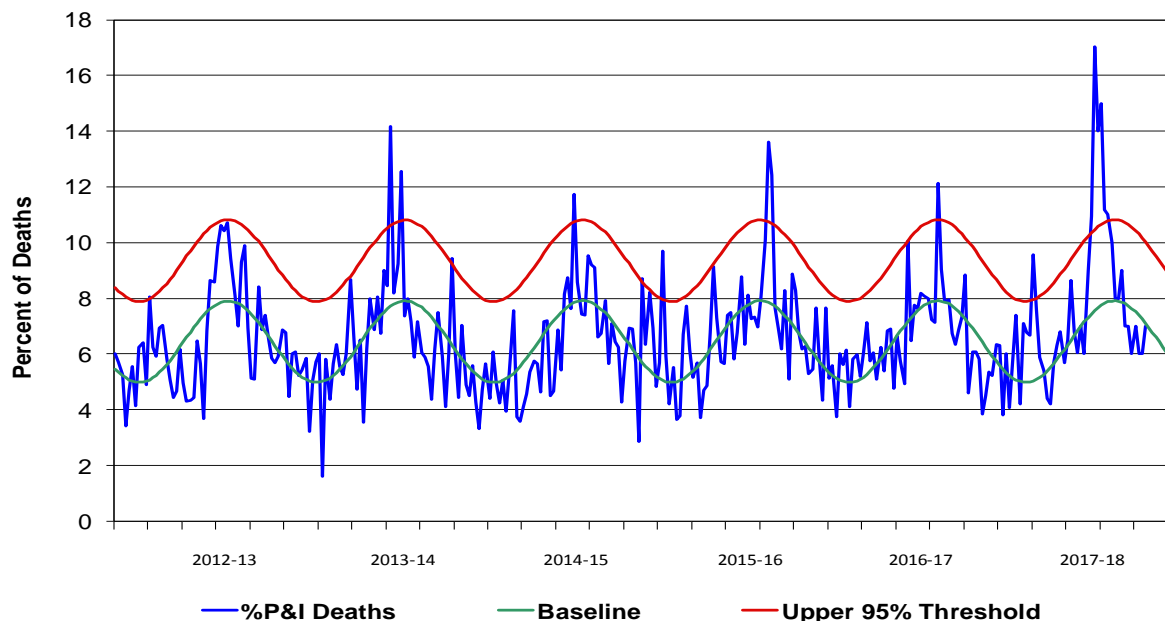
**Figure 4. Cumulative Influenza Case Reports by Episode Week & Season**



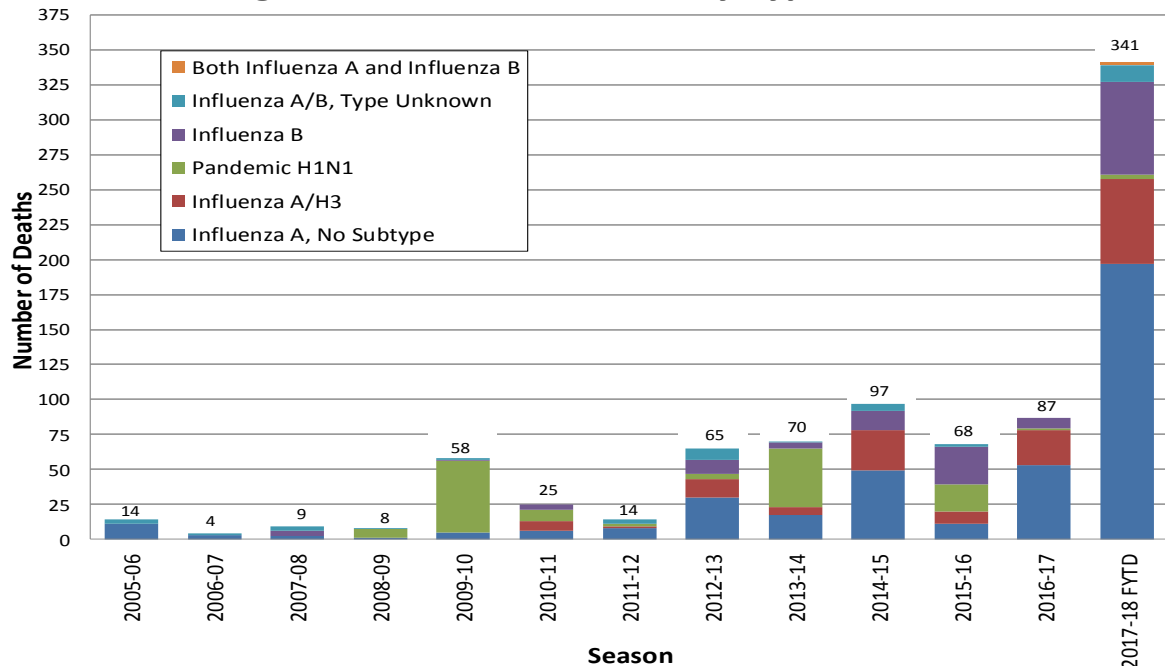
**Figure 5. Percent of San Diego County Emergency Department Visits for Influenza-like Illness by Week and FY Compared to 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)**



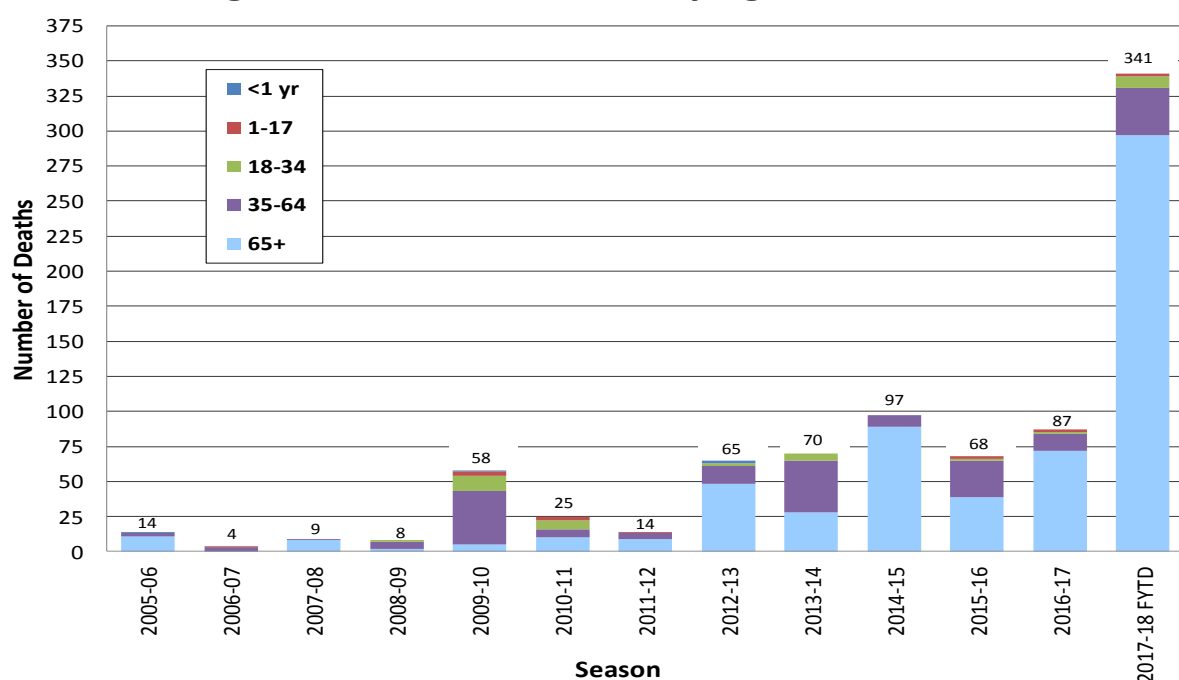
**Figure 6. Percent of San Diego County Deaths Registered with Pneumonia and/or Influenza by Week and FY Compared to Prior 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)**



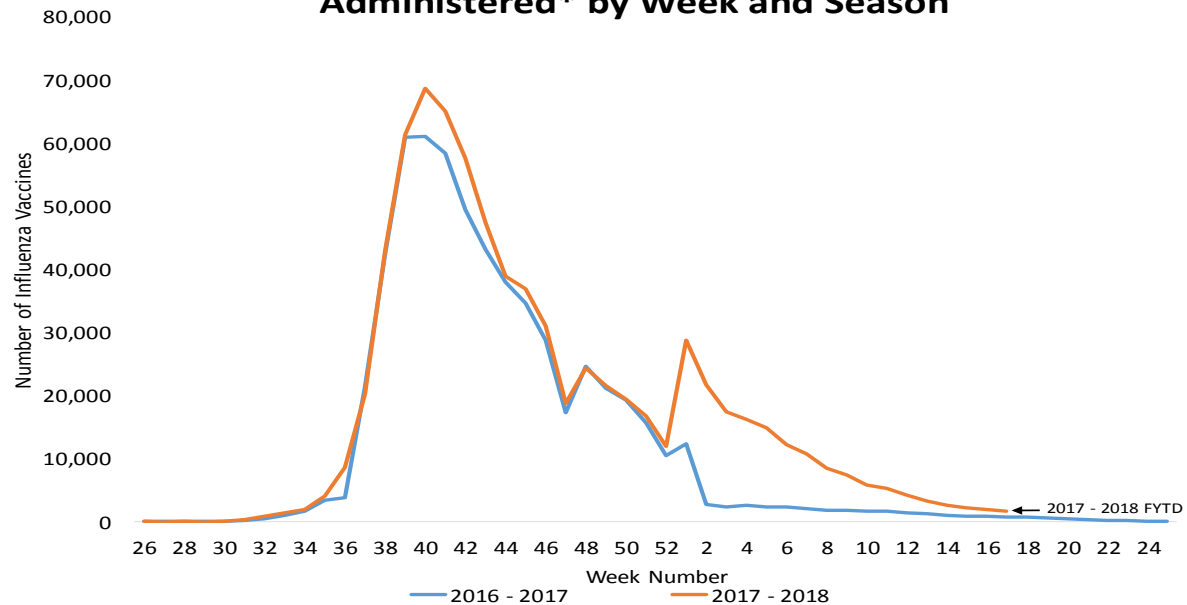
**Figure 7. Influenza Deaths by Type and Season**



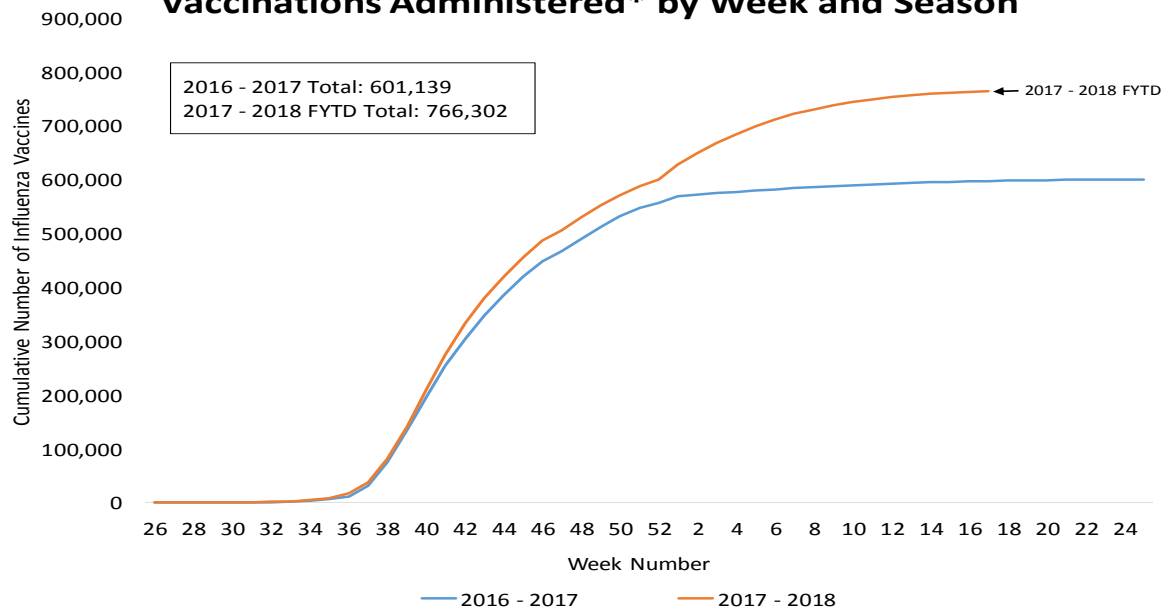
**Figure 8. Influenza Deaths by Age and Season**



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

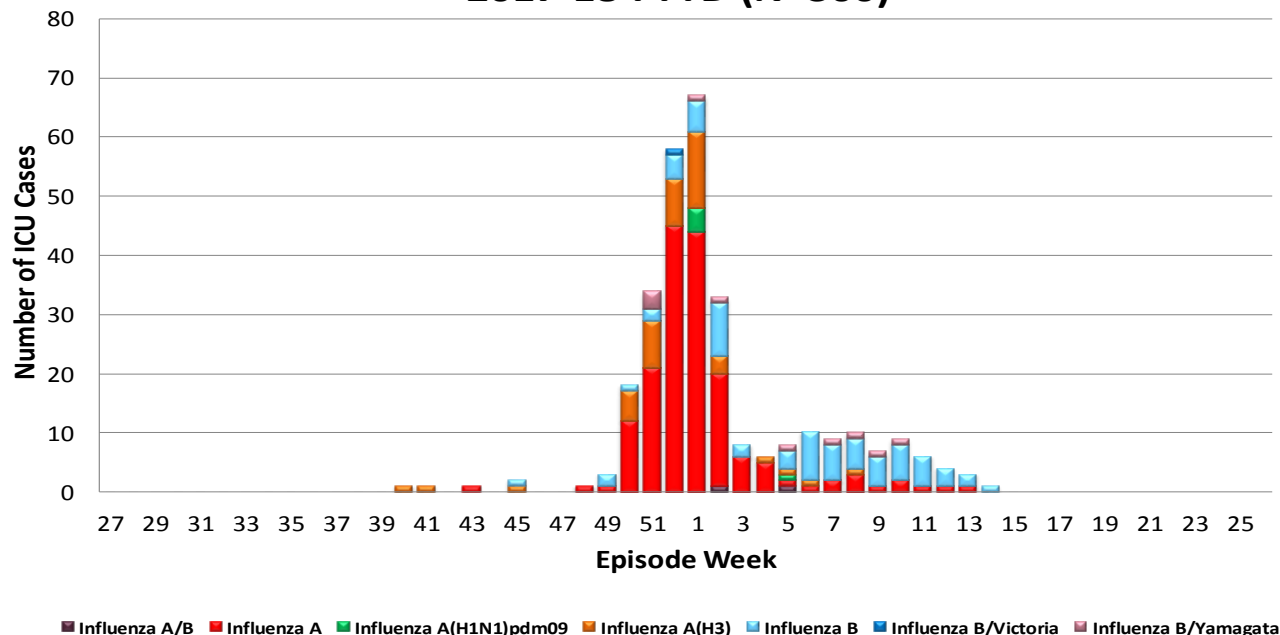


**Figure 10. Cumulative Number of Influenza Vaccinations Administered\* by Week and Season**



\* 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=300)**



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](#)