



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.**

Report Contents

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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**

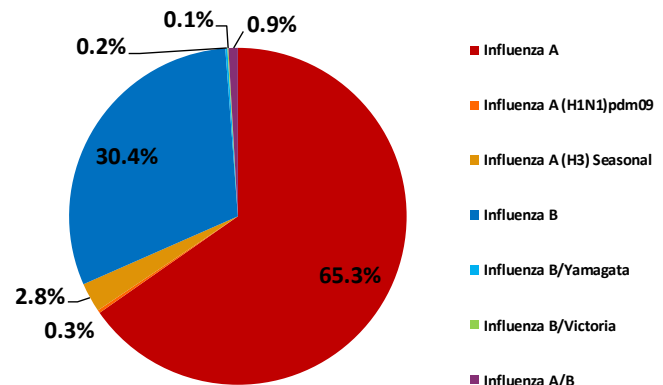
Total Cases

293

ICU Cases

319Deaths[†]**117**

Outbreaks*

Virus Characteristics

† Including 41 deaths less than 65 years of age, reportable to CDPH.

* At least one case of laboratory-confirmed influenza in a setting experiencing ≥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 [#]	Week 12	FYTD [#]	Week 12	FYTD [#]
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 [^]	11	6	319	7	79	4	71

[#] 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.

[^] 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
Total	399	19,883

* 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

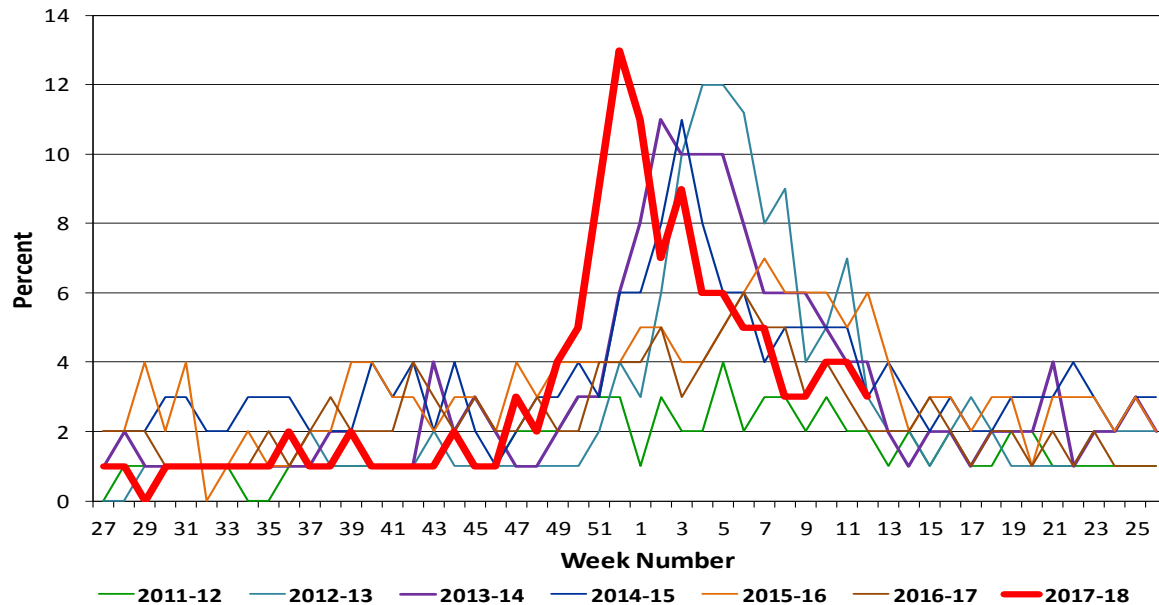


Figure 2. San Diego County Influenza Detections by Type and Week of Report, 2017-18 FYTD (N=19,883)

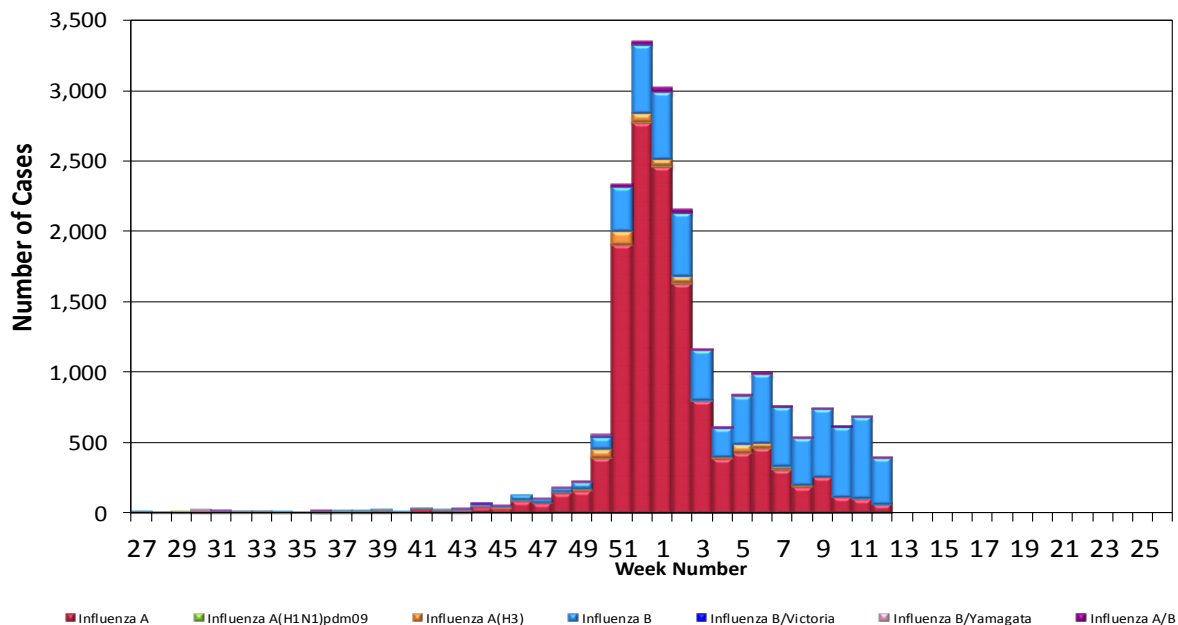


Figure 3. Percent of Reported Influenza Cases by Age Group and Season, 2011-12 to 2017-18 FYTD

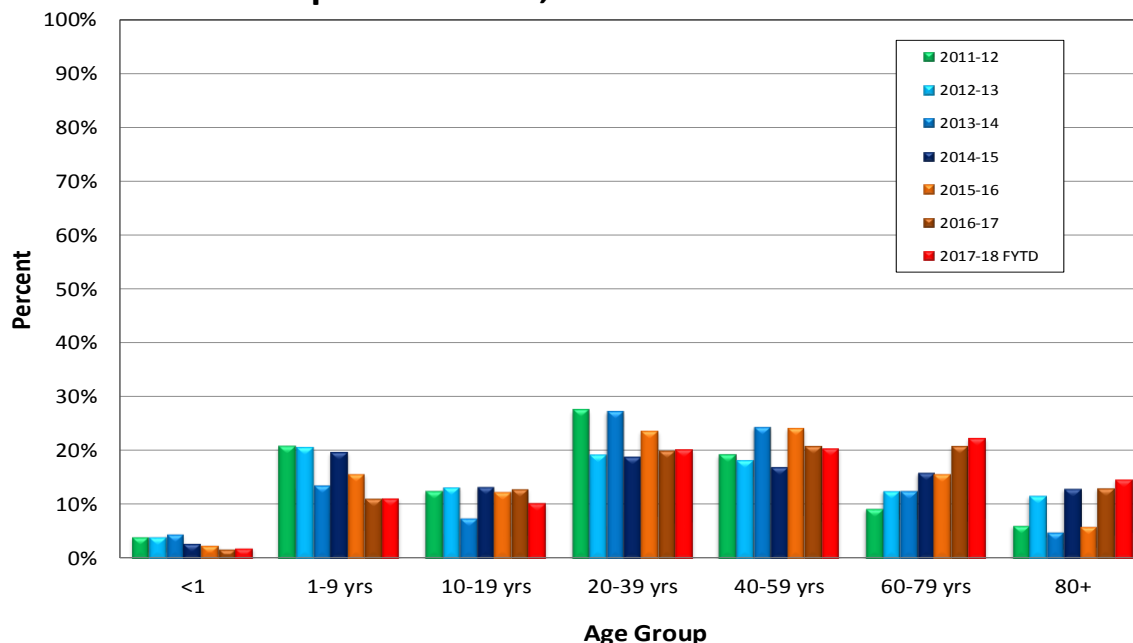


Figure 4. Cumulative Influenza Case Reports by Episode Week & Season

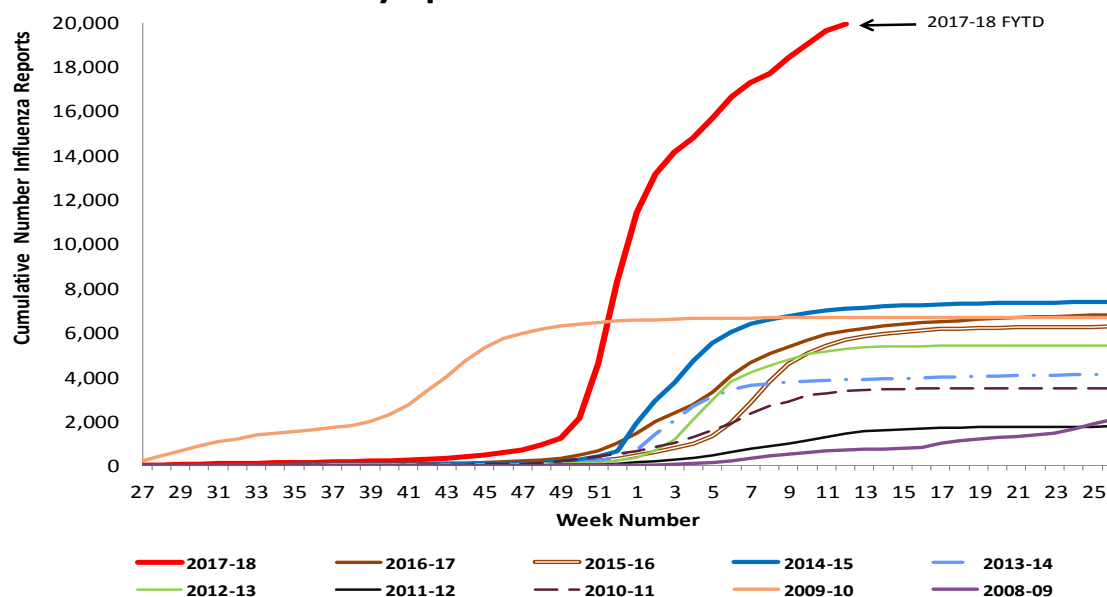


Figure 5. Percent of San Diego County Emergency Department Visits for Influenza-like Illness by Week and FY Compared to 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)

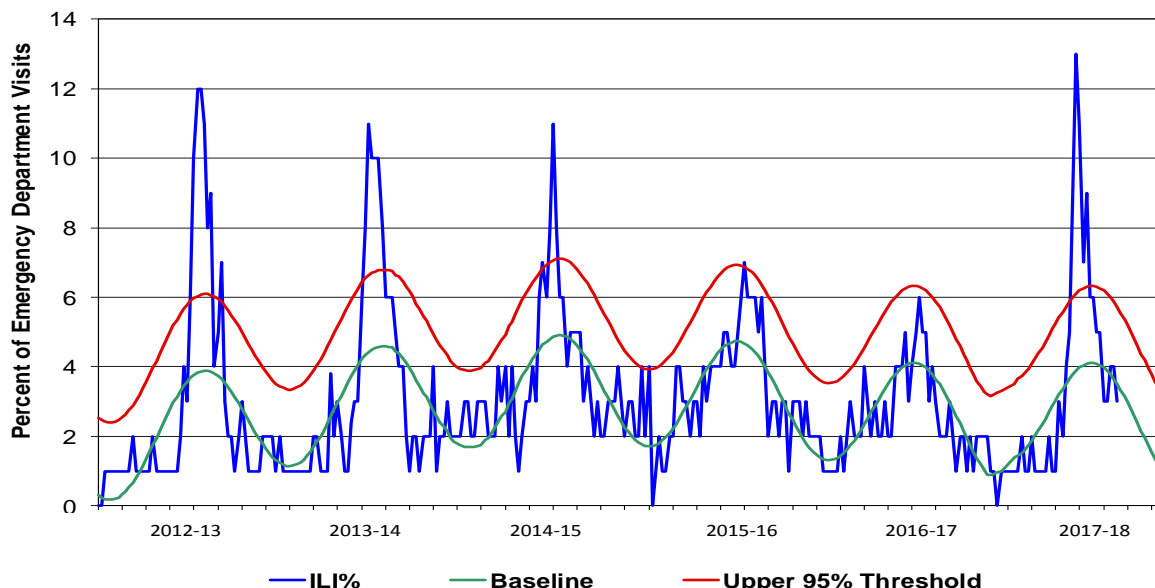


Figure 6. Percent of San Diego County Deaths Registered with Pneumonia and/or Influenza by Week and FY Compared to Prior 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)

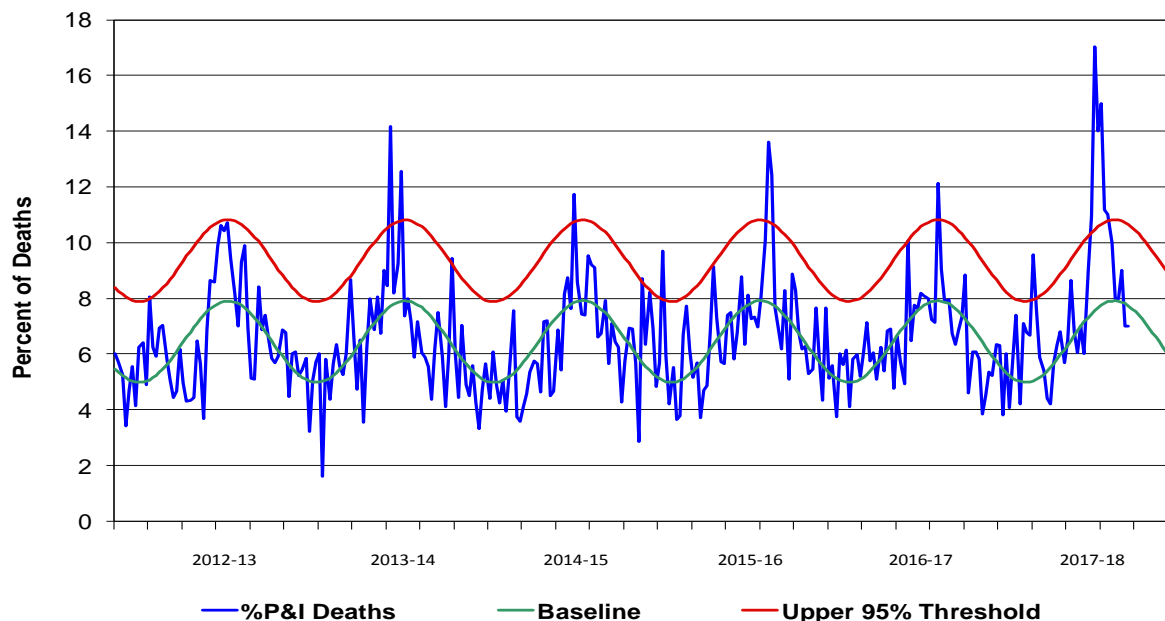


Figure 7. Influenza Deaths by Type and Season

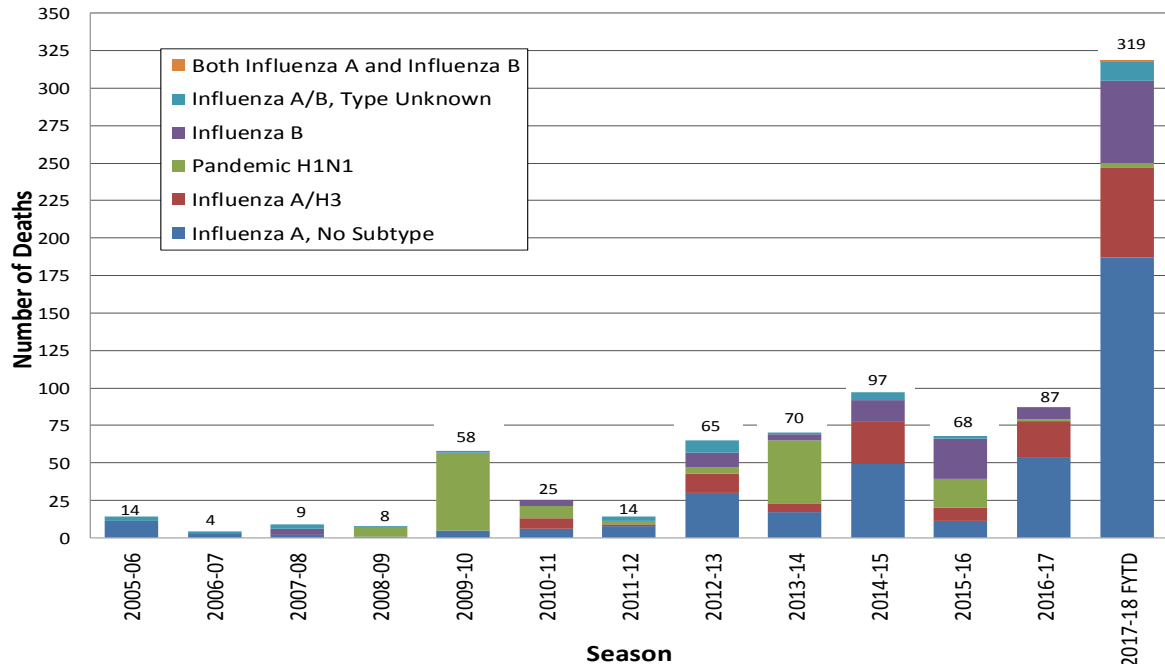


Figure 8. Influenza Deaths by Age and Season

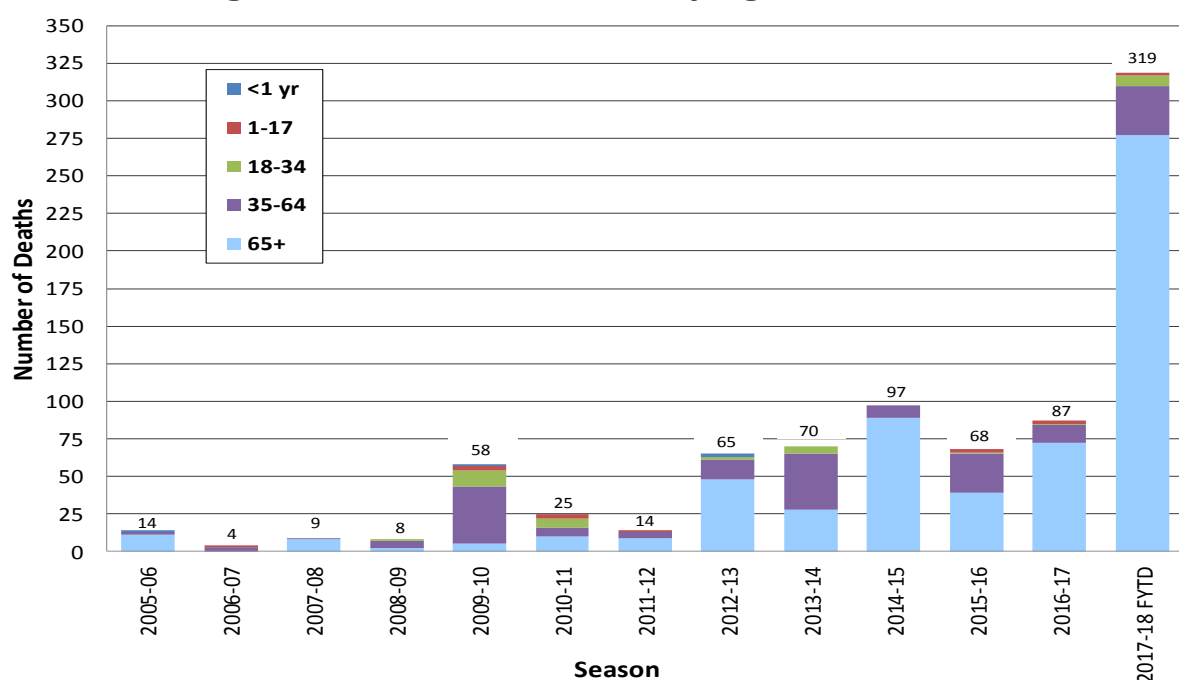


Figure 9. Number of Influenza Vaccinations Administered* by Week and Season

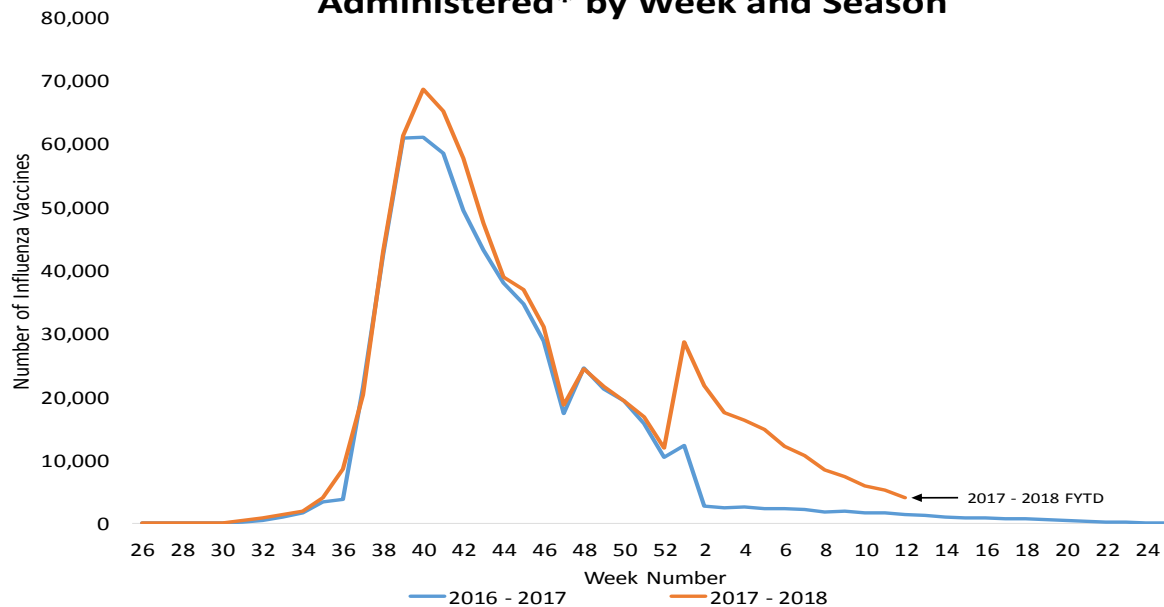
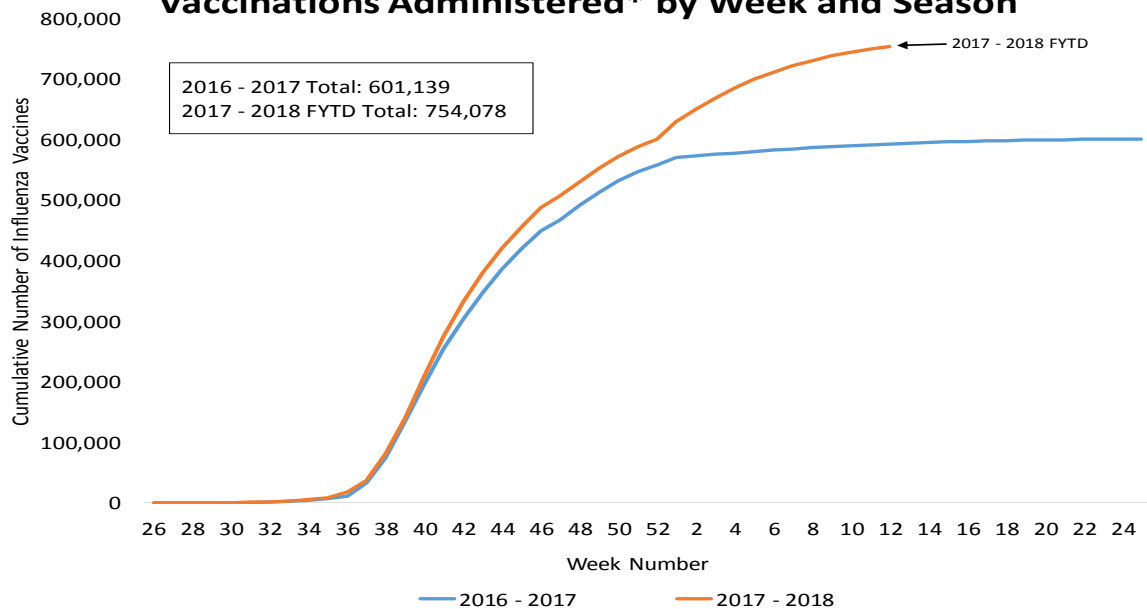
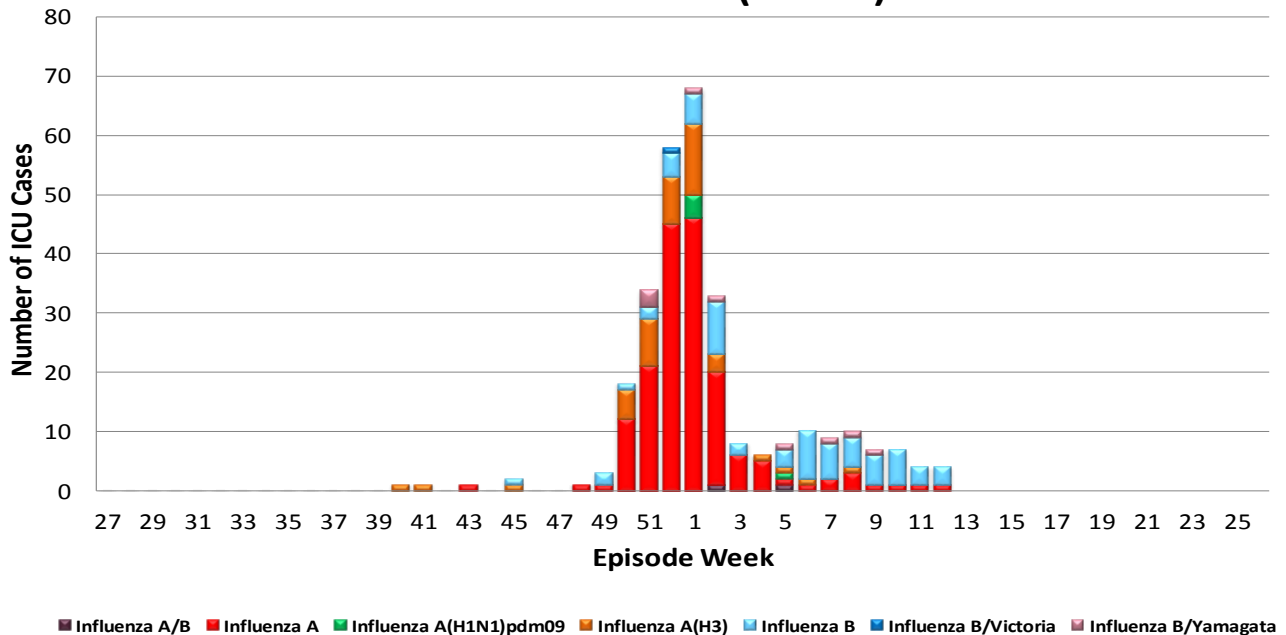


Figure 10. Cumulative Number of Influenza Vaccinations Administered* by Week and Season



* 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.

Resources

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

County of San Diego Immunization Program www.sdiz.org

California Department of Public Health [Influenza](#)

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