



INFLUENZA WATCH

Week 16
Ending 4/21/2018

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 16 (ending 4/21/2018)**

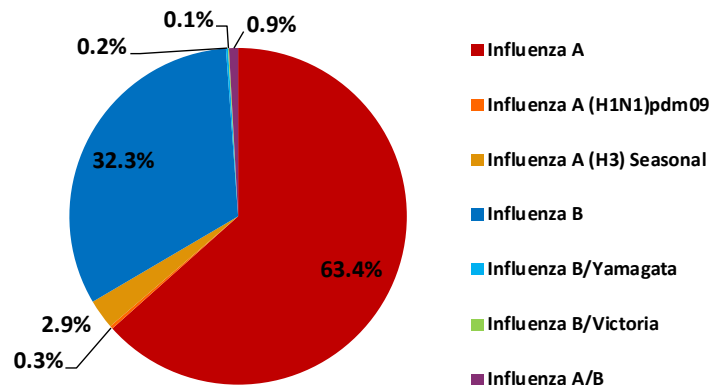
- 101 new influenza detections reported: *Elevated level*
- 1% influenza-like-illness (ILI) among emergency department visits: *Expected level*
- 2 new influenza-related deaths reported this week
- 0 new ICU cases reported this week
- 6% of deaths registered with pneumonia and/or influenza: *Expected level*

Current Season Summary**20,661**

Total Cases

300

ICU Cases

341Deaths[†]**117**Outbreaks^{*}**Virus Characteristics**[†] Including 44 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 16	Week 15	FYTD [#]	Week 16	FYTD [#]	Week 16	FYTD [#]
All influenza detections reported (rapid or PCR)	101	175	20,661	60	5,428	71	6,093
Percent of emergency department visits for ILI	1%	2%		2%		3%	
Percent of deaths registered with pneumonia and/or influenza	6%	6%		9%		6%	
Number of influenza-related deaths reported [^]	2	6	341	1	86	1	77

[#] 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.

Weekly Influenza Watch Surveillance Report

The last planned report of this flu season's final *Influenza Watch* surveillance report is scheduled for next week on May 2.

A final summary report will be made available in July and the next upcoming flu season's weekly report will be initiated sometime in October.

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

Positive Test Type/Subtype	Week 16	Total FY-To-Date
Influenza A†	20	13,097
Influenza A(H1N1) Pandemic 2009	0	60
Influenza A (H3) Seasonal	0	589
Influenza B†	81	6,676
Influenza B/Victoria	0	19
Influenza B/Yamagata	0	41
Influenza A/B†	0	179
Total	101	20,661

* 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.

Influenza Watch

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

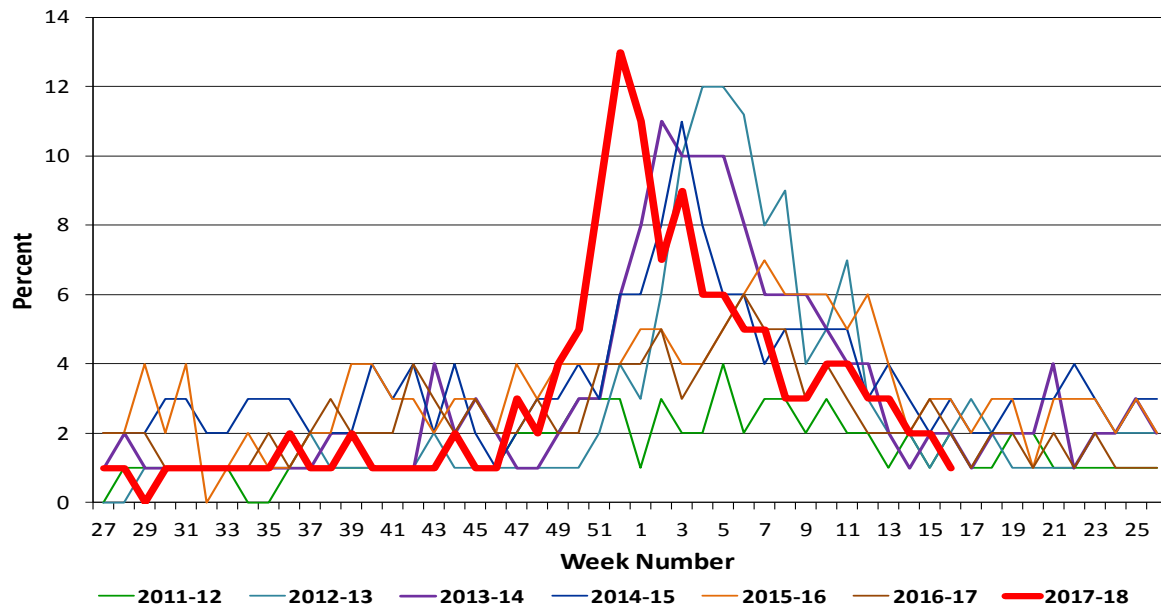


Figure 2. San Diego County Influenza Detections by Type and Week of Report, 2017-18 FYTD (N=20,661)

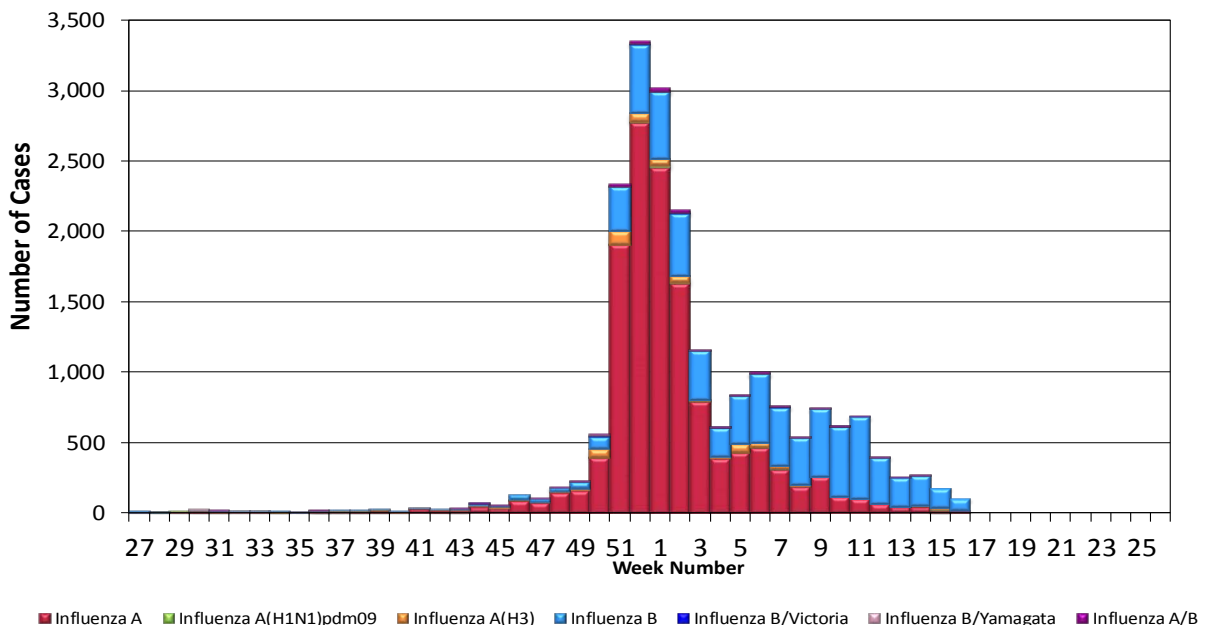


Figure 3. Percent of Reported Influenza Cases by Age Group and Season, 2011-12 to 2017-18 FYTD

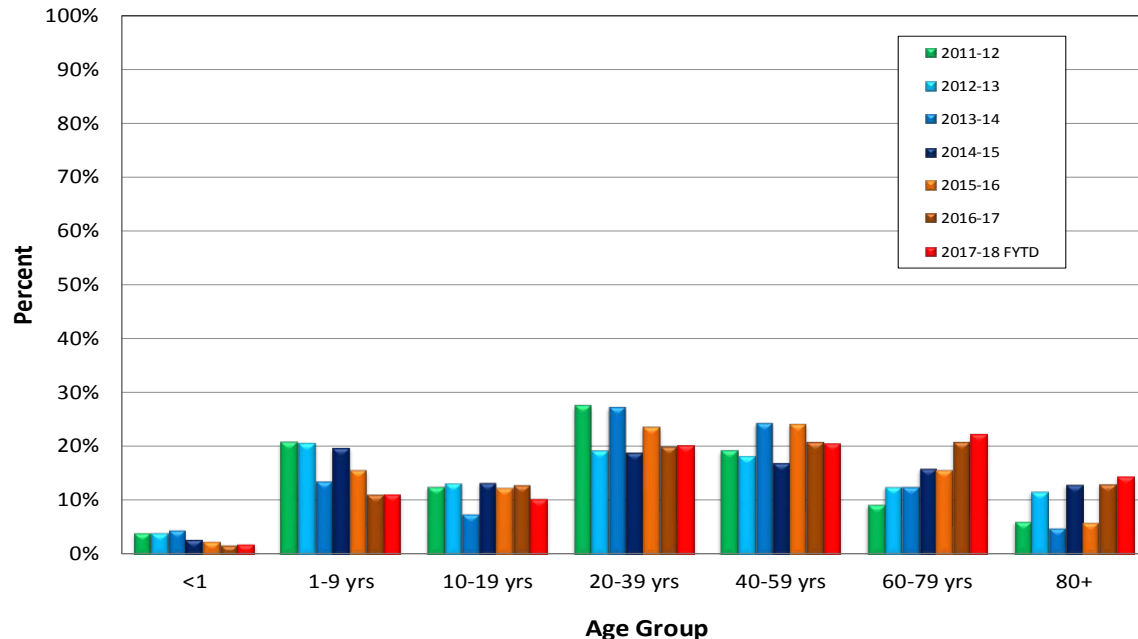


Figure 4. Cumulative Influenza Case Reports by Episode Week & Season

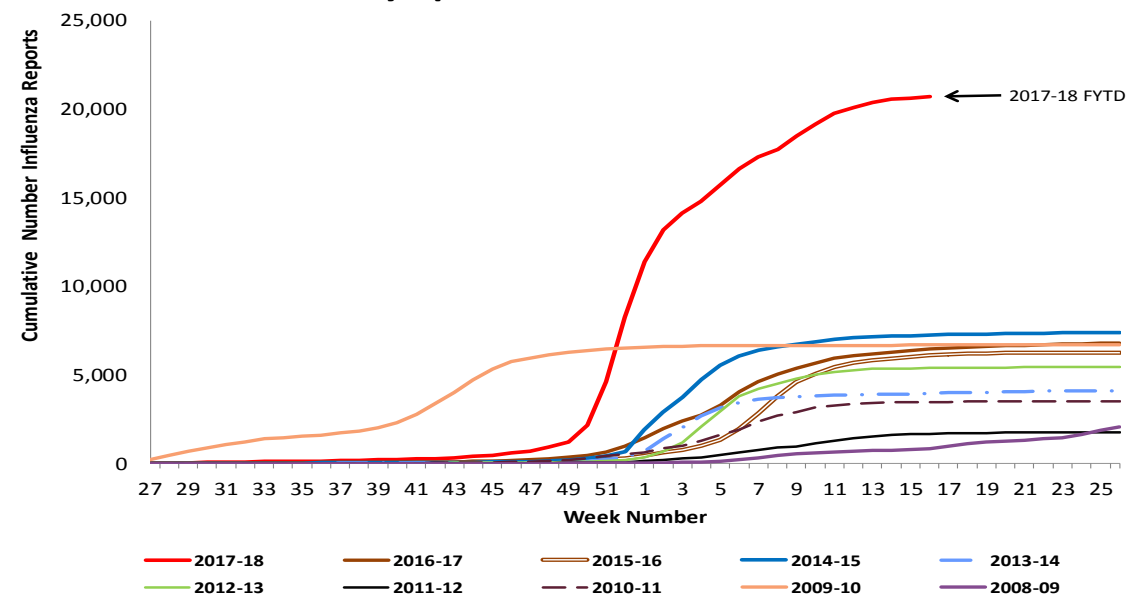


Figure 5. Percent of San Diego County Emergency Department Visits for Influenza-like Illness by Week and FY Compared to 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)

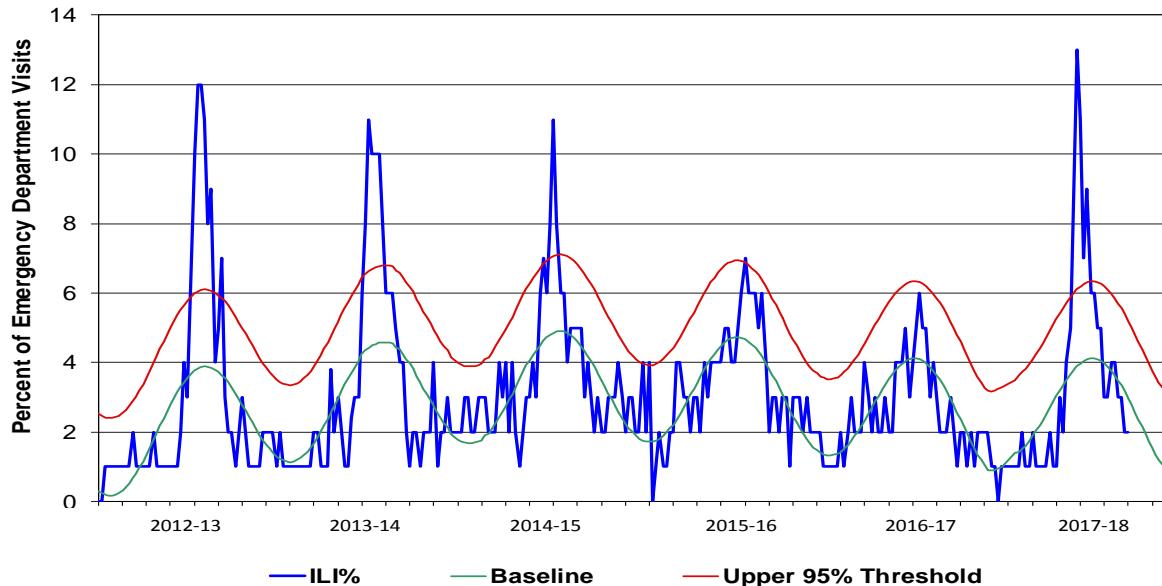


Figure 6. Percent of San Diego County Deaths Registered with Pneumonia and/or Influenza by Week and FY Compared to Prior 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)

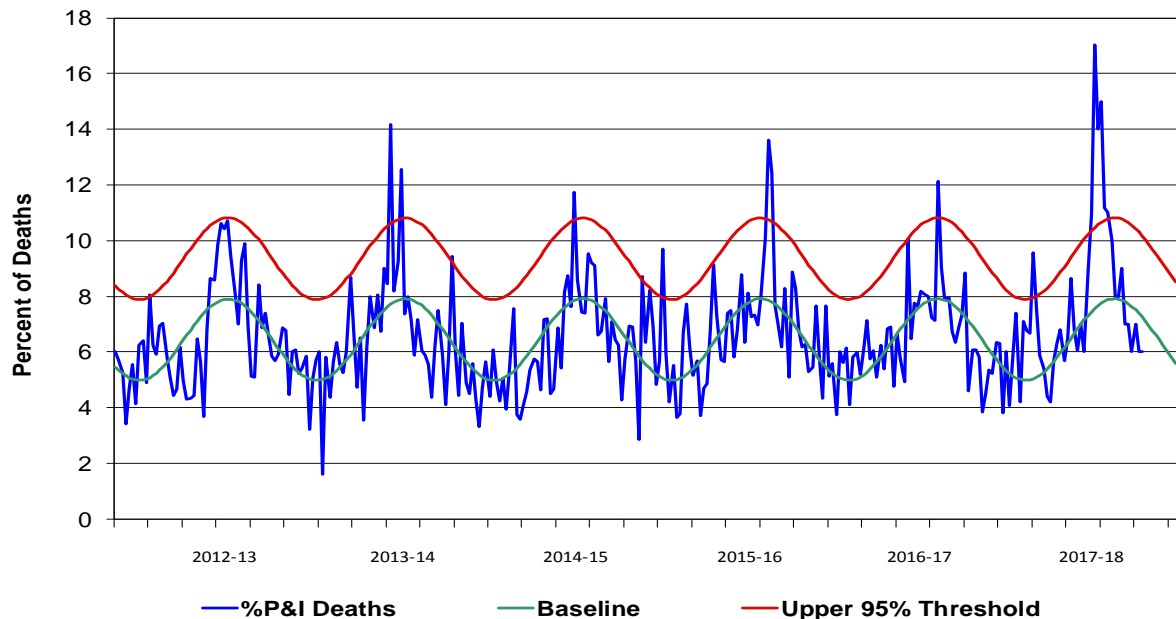


Figure 7. Influenza Deaths by Type and Season

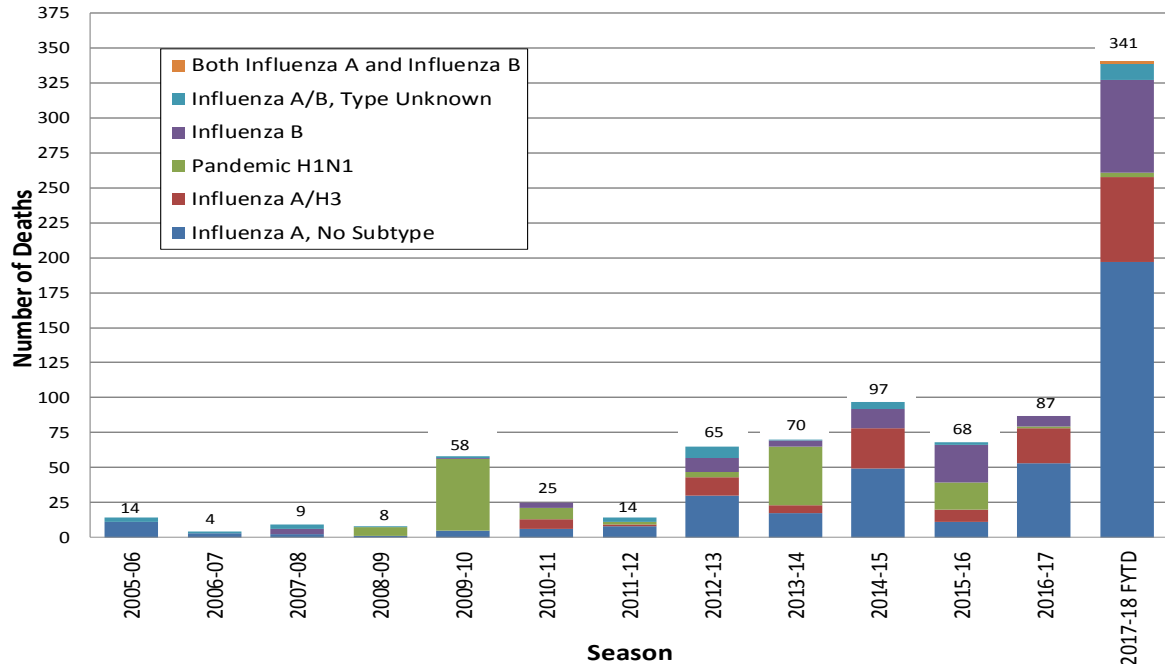


Figure 8. Influenza Deaths by Age and Season

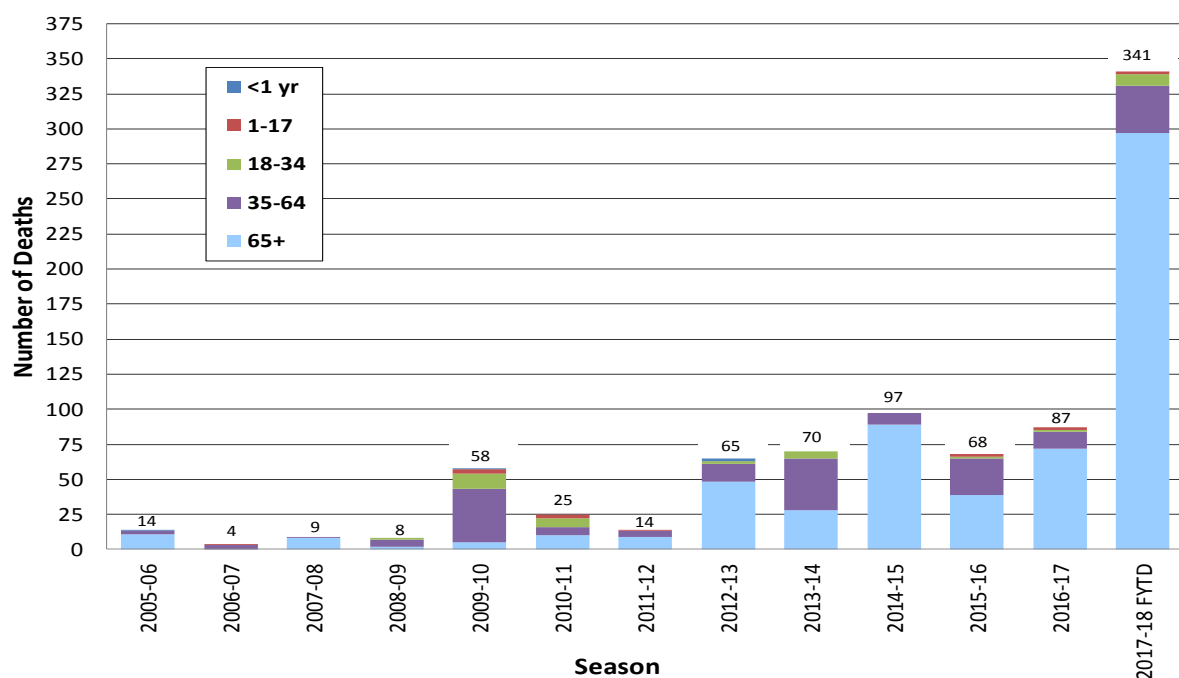


Figure 9. Number of Influenza Vaccinations Administered* by Week and Season

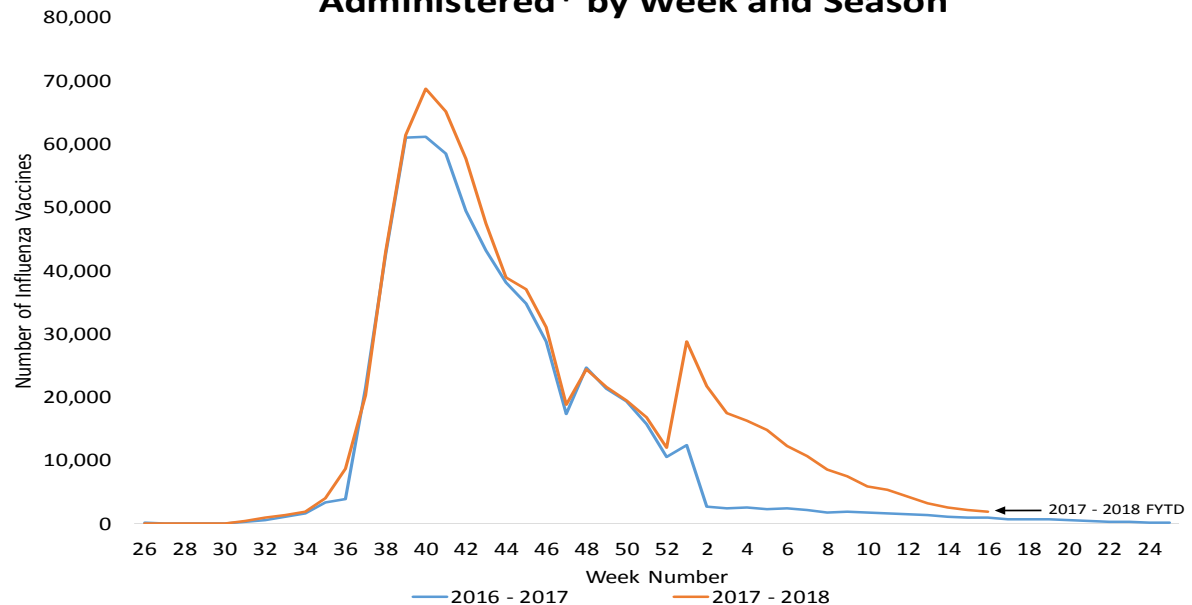
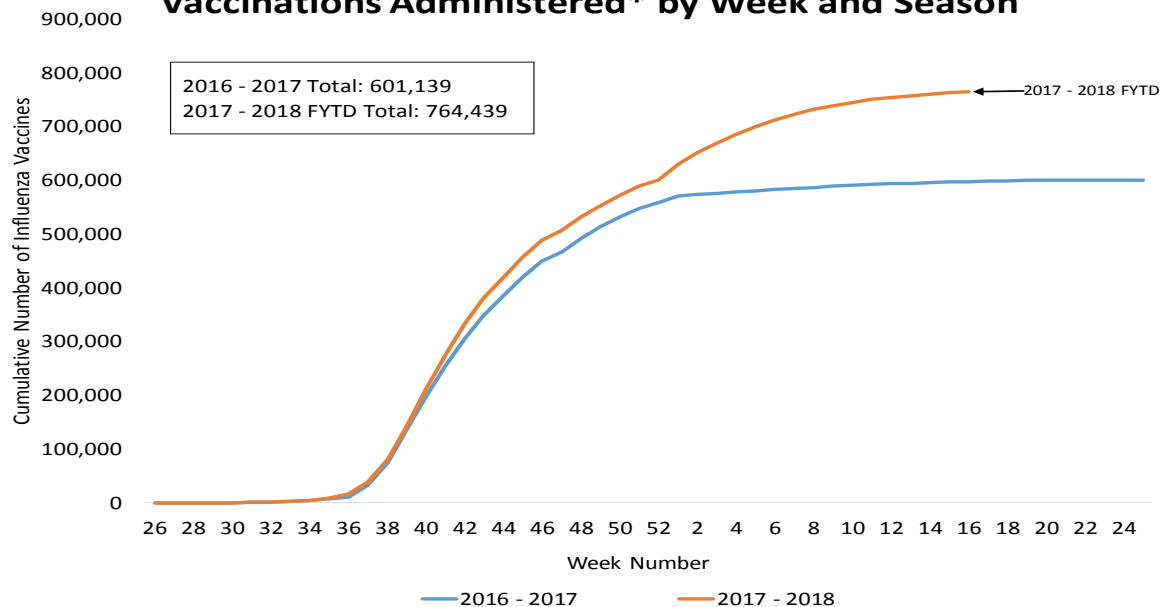
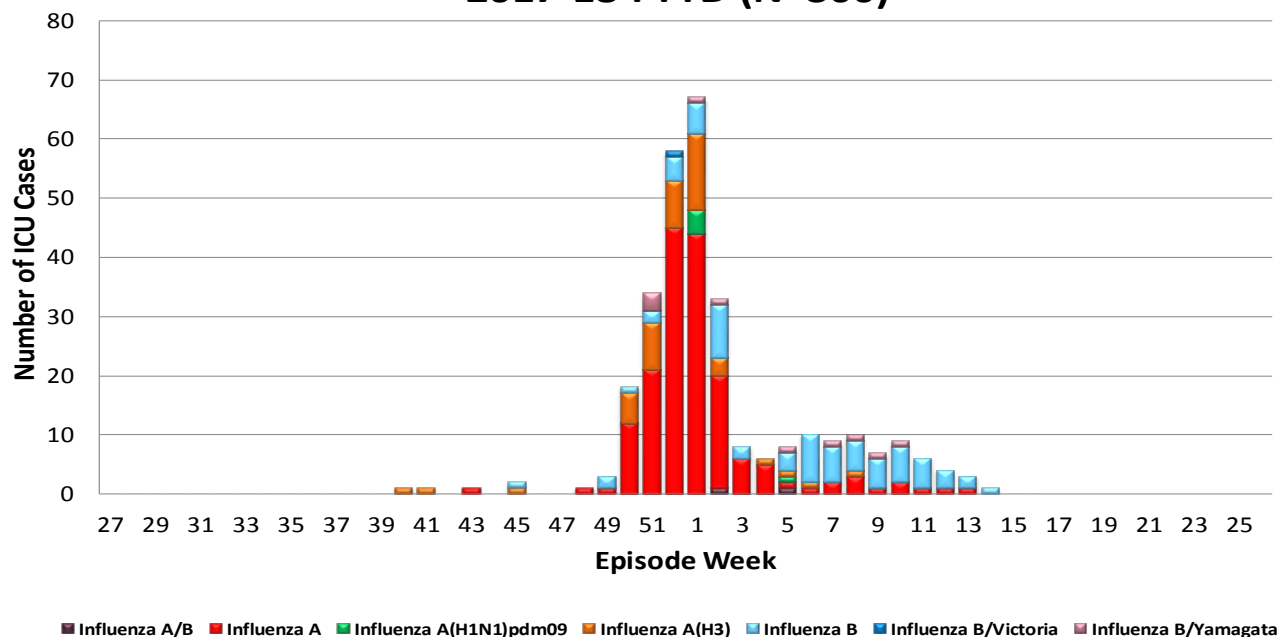


Figure 10. Cumulative Number of Influenza Vaccinations Administered* by Week and Season



* 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.

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](#)