



SAN DIEGO COUNTY INFLUENZA SURVEILLANCE

2017-18 YTD

THROUGH WEEK 11, ENDING 3/17/2018



CURRENT UPDATE

Reported Influenza Cases Since July 1, 2017



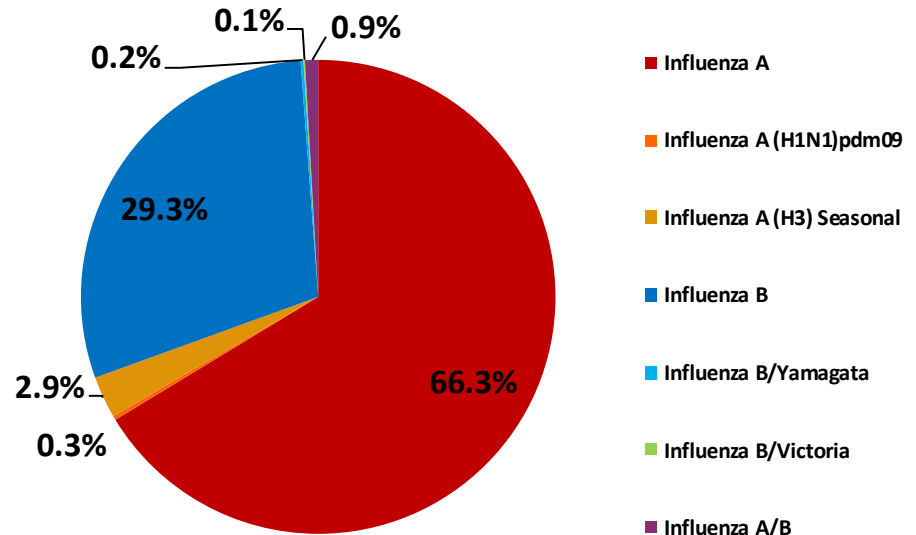
19,483

TOTAL REPORTED
INFLUENZA CASES

287 ICU CASES

308 DEATHS

116 OUTBREAKS



Preliminary Results

Data Source: Reported Influenza Case Reports

Prepared by County of San Diego, Health & Human Services Agency,
Public Health Services, Epidemiology and Immunization Services Branch

3/20/2018

INFLUENZA SURVEILLANCE UPDATE, 2017-18 YTD



Table 1. Influenza Surveillance Indicators

Indicator	FY 2017-18*			FY 2016-17		Prior 3-Year Average**	
	Week 11	Week 10	FYTD#	Week 11	FYTD#	Week 11	FYTD#
All influenza detections reported (rapid or PCR)	684	620	19,483	205	4,956	244	5,597
Percent of emergency department visits for ILI	4%	4%		3%		4%	
Percent of deaths registered with pneumonia and/or influenza	7%	9%		8%		10%	
Number of influenza-related deaths reported^	6	13	308	4	72	5	67

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.

Preliminary Results

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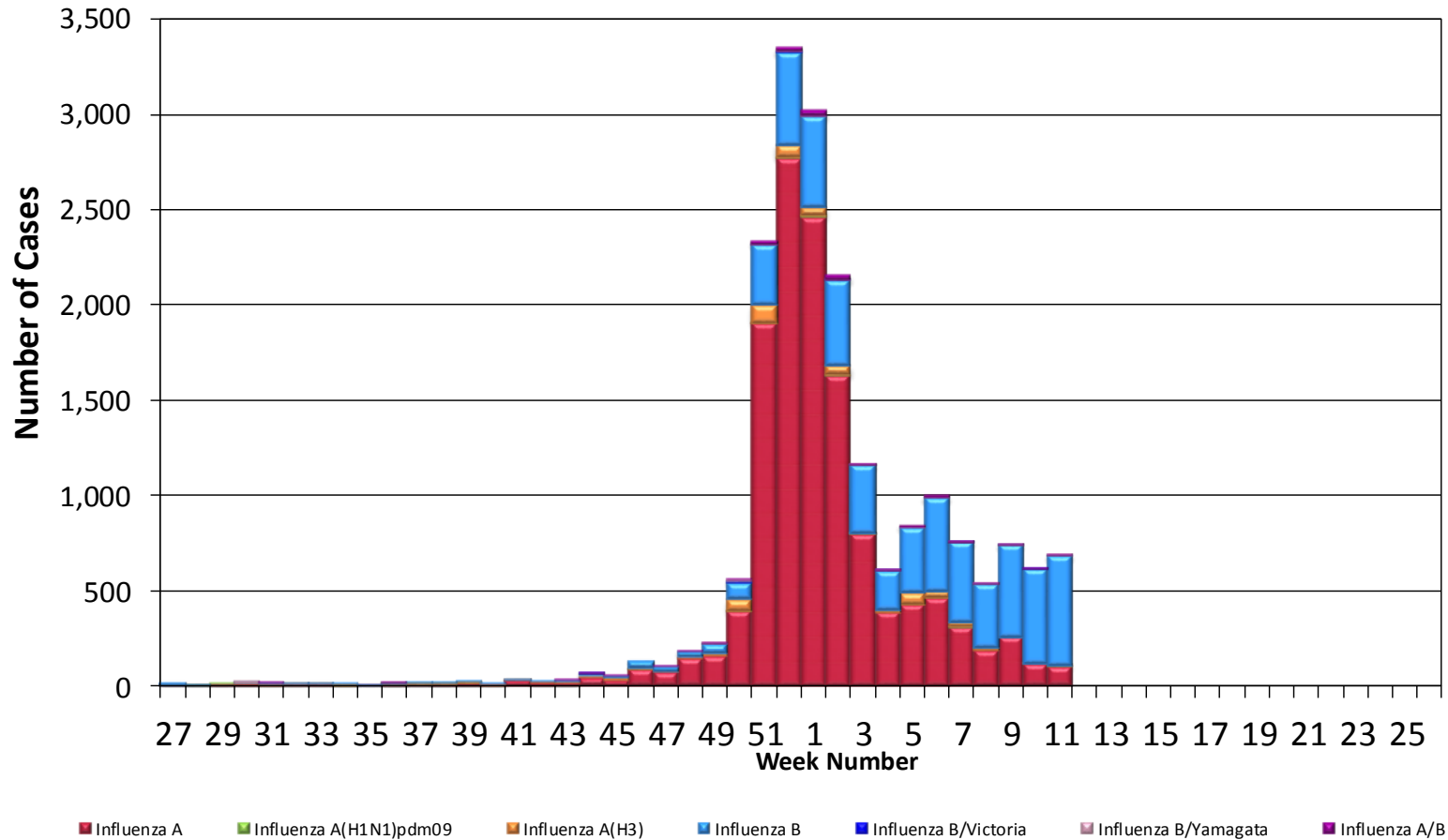
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3/20/2018

INFLUENZA SURVEILLANCE UPDATE, 2017-18 YTD



Figure 2. San Diego County Influenza Detections by Type and Week of Report, 2017-18 FYTD (N=19,483)



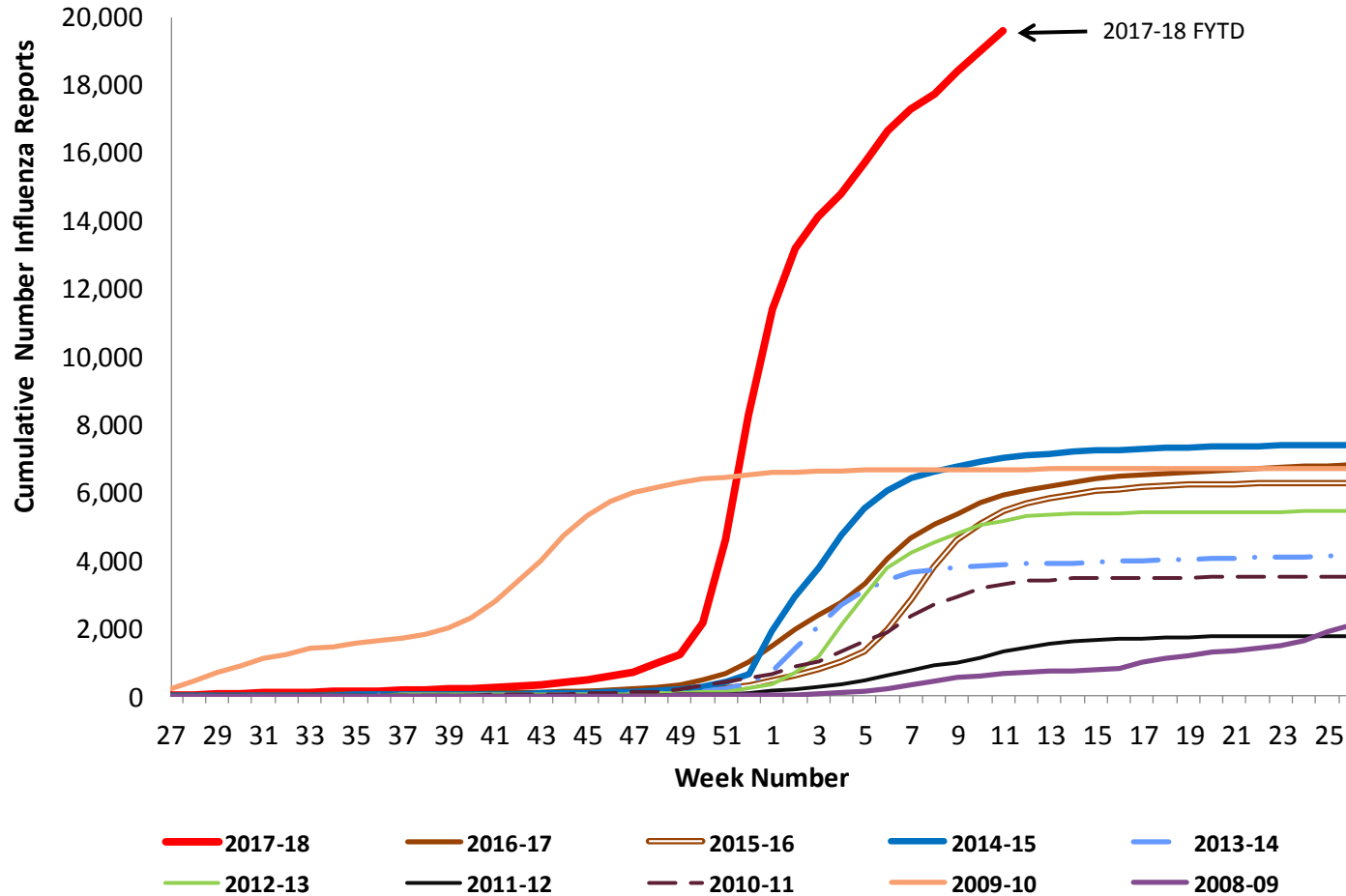
Preliminary Results

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



Preliminary Results

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

Positive Test Type/Subtype	Week 11	Total FY-To-Date
Influenza A†	102	12,921
Influenza A(H1N1) Pandemic 2009	4	56
Influenza A (H3) Seasonal	1	556
Influenza B†	574	5,718
Influenza B/Victoria	0	19
Influenza B/Yamagata	1	39
Influenza A/B†	2	174
Total	684	19,483

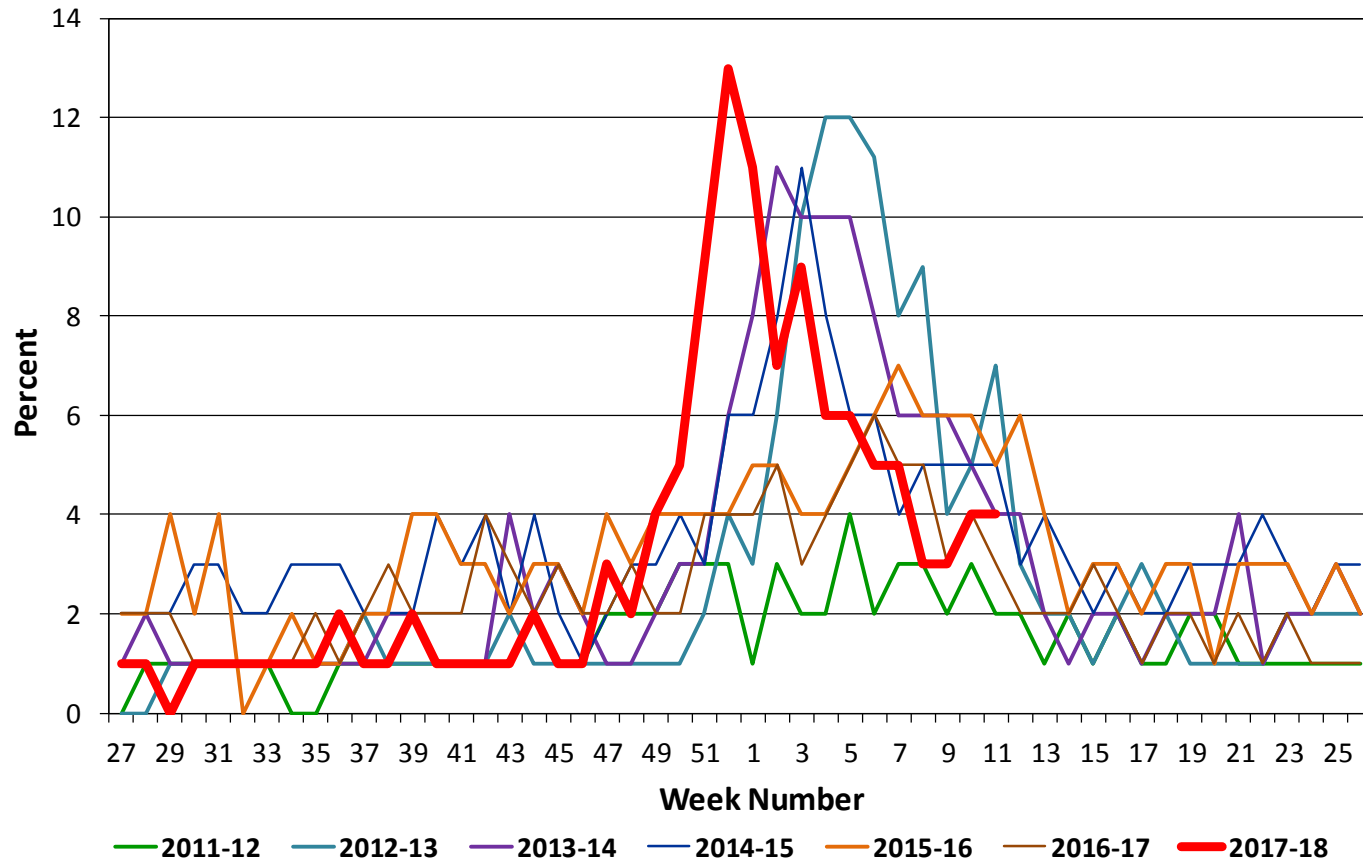
* FY is July 1- June 30.

† 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



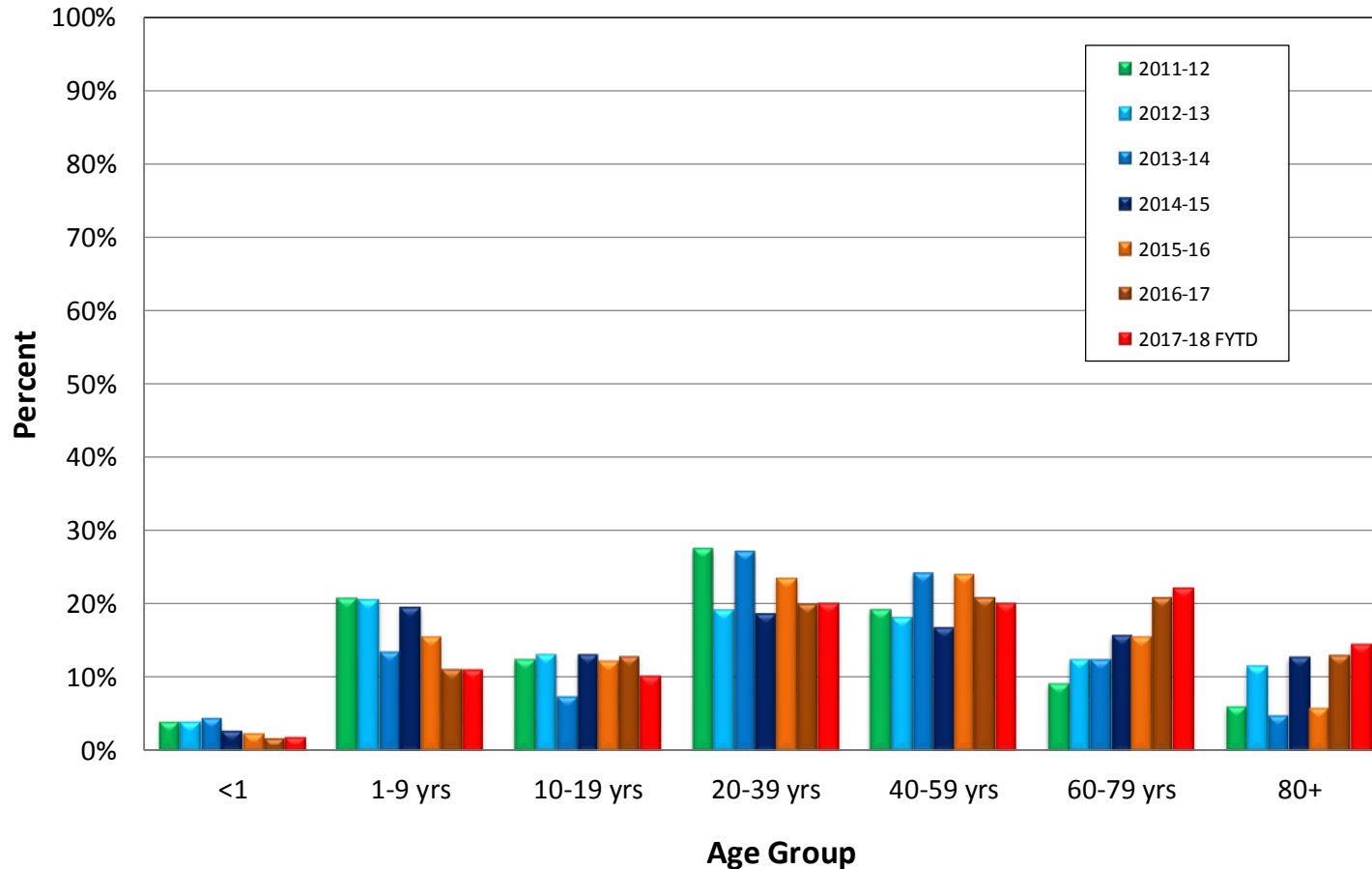
Preliminary Results

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



Preliminary Results

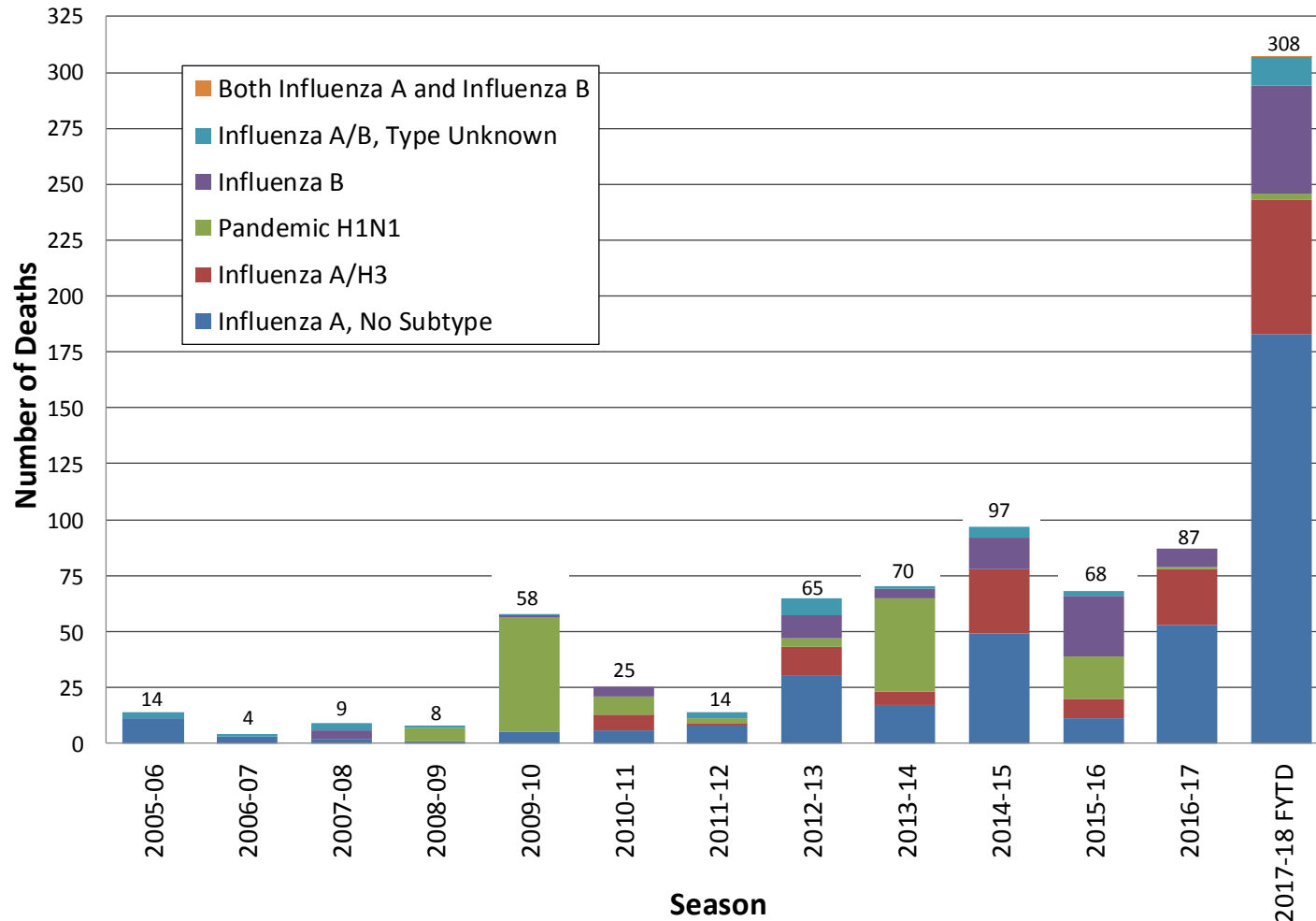
Data Source: Reported Influenza Case Reports

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Figure 7. Influenza Deaths by Type and Season



Preliminary Results

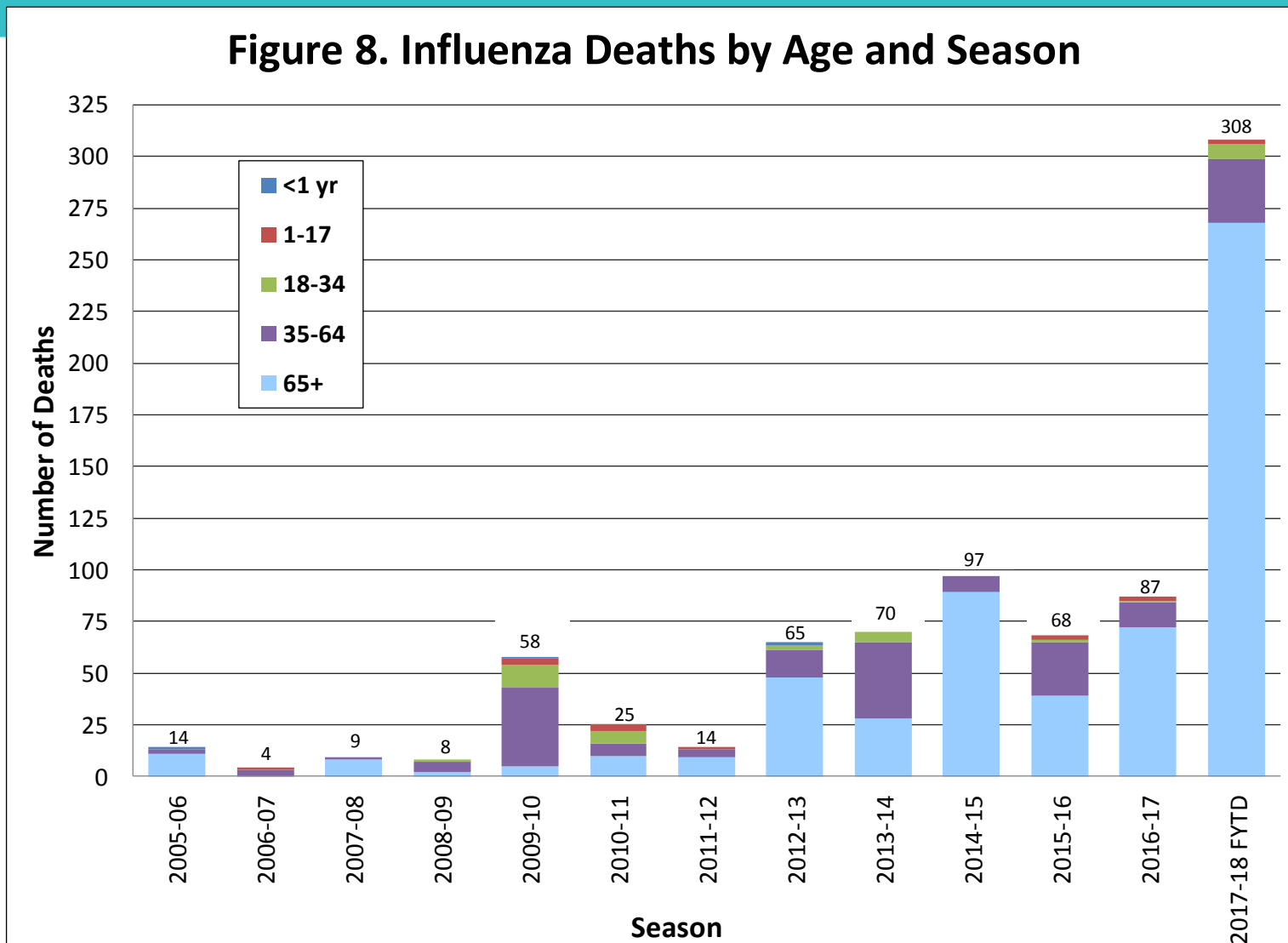
Data Source: Reported Influenza Case Reports

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Figure 8. Influenza Deaths by Age and Season



Preliminary Results

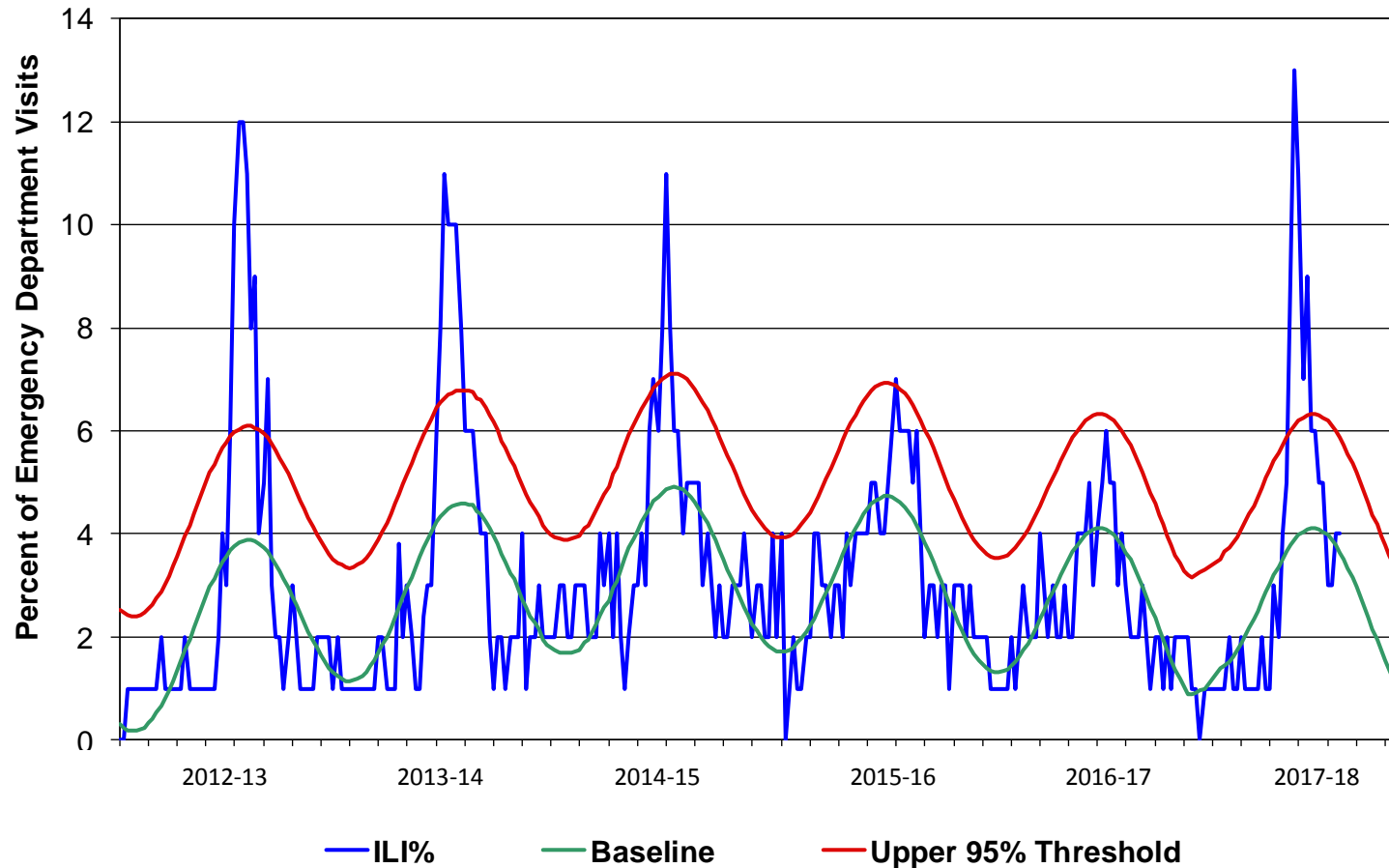
Data Source: Reported Influenza Case Reports

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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)



Preliminary Results

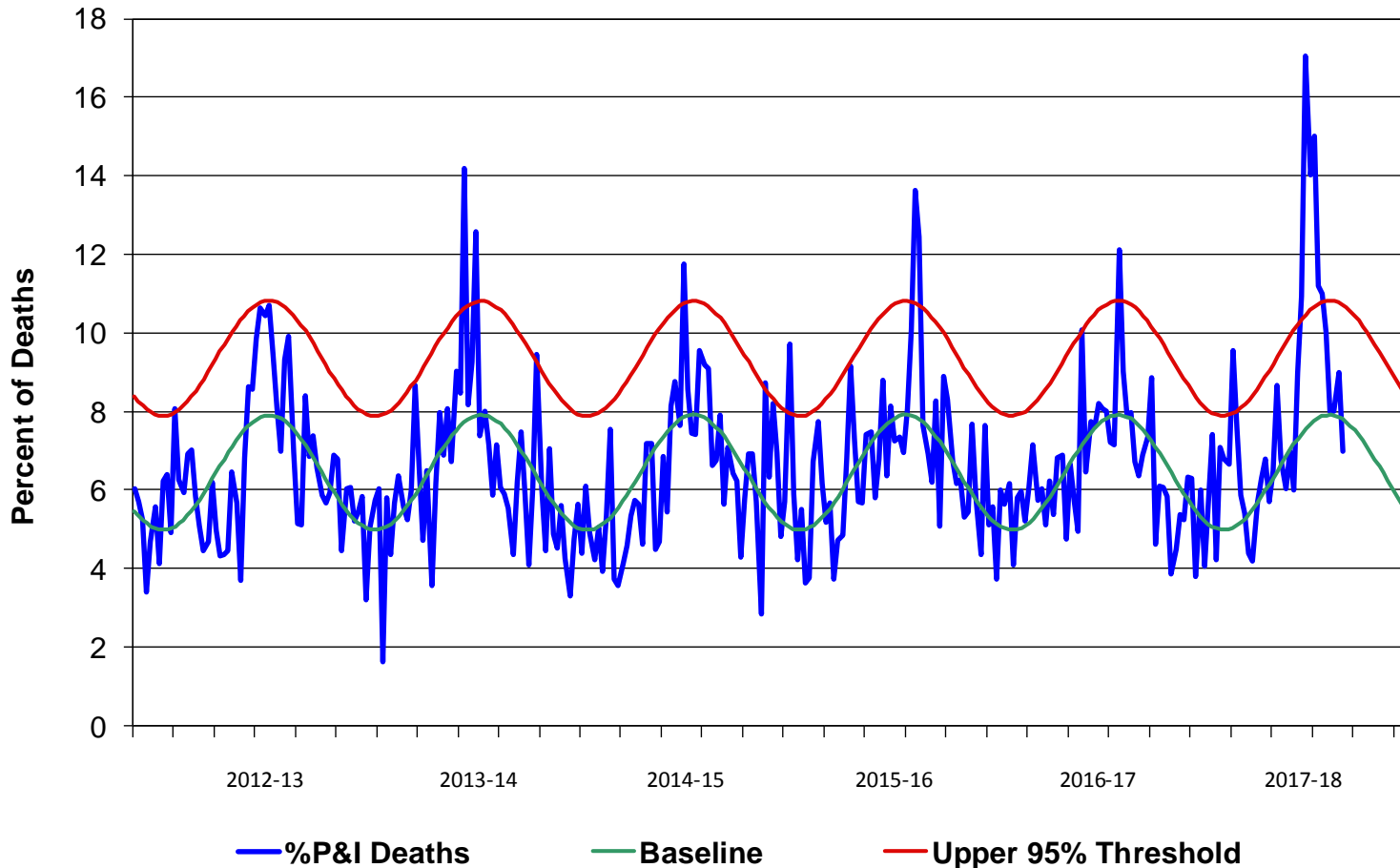
Data Source: Reported Influenza Case Reports

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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)



Preliminary Results

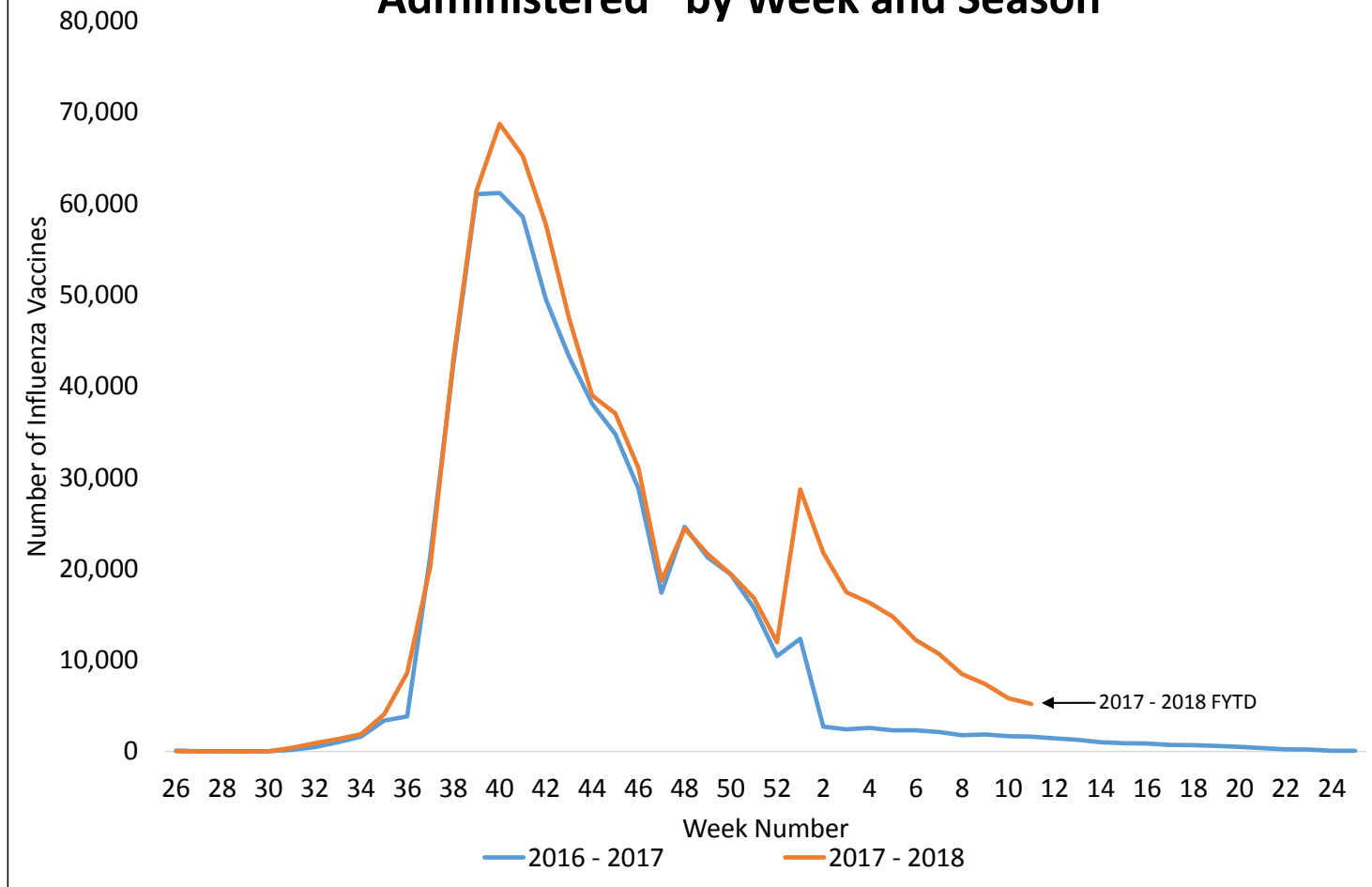
Data Source: Reported Influenza Case Reports

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

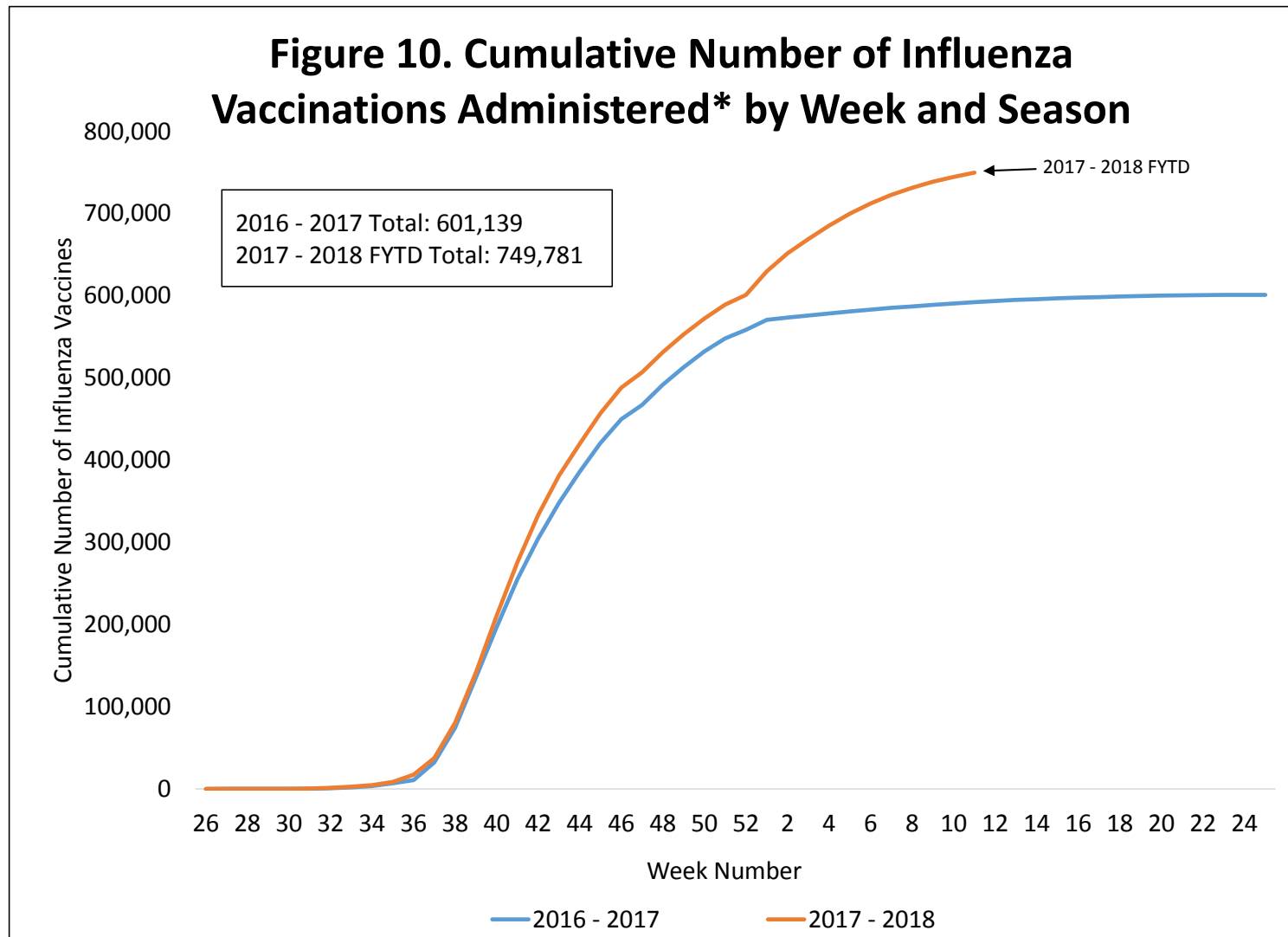


Preliminary Results

Data Source: San Diego Immunization Registry

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INFLUENZA SURVEILLANCE UPDATE, 2017-18 YTD



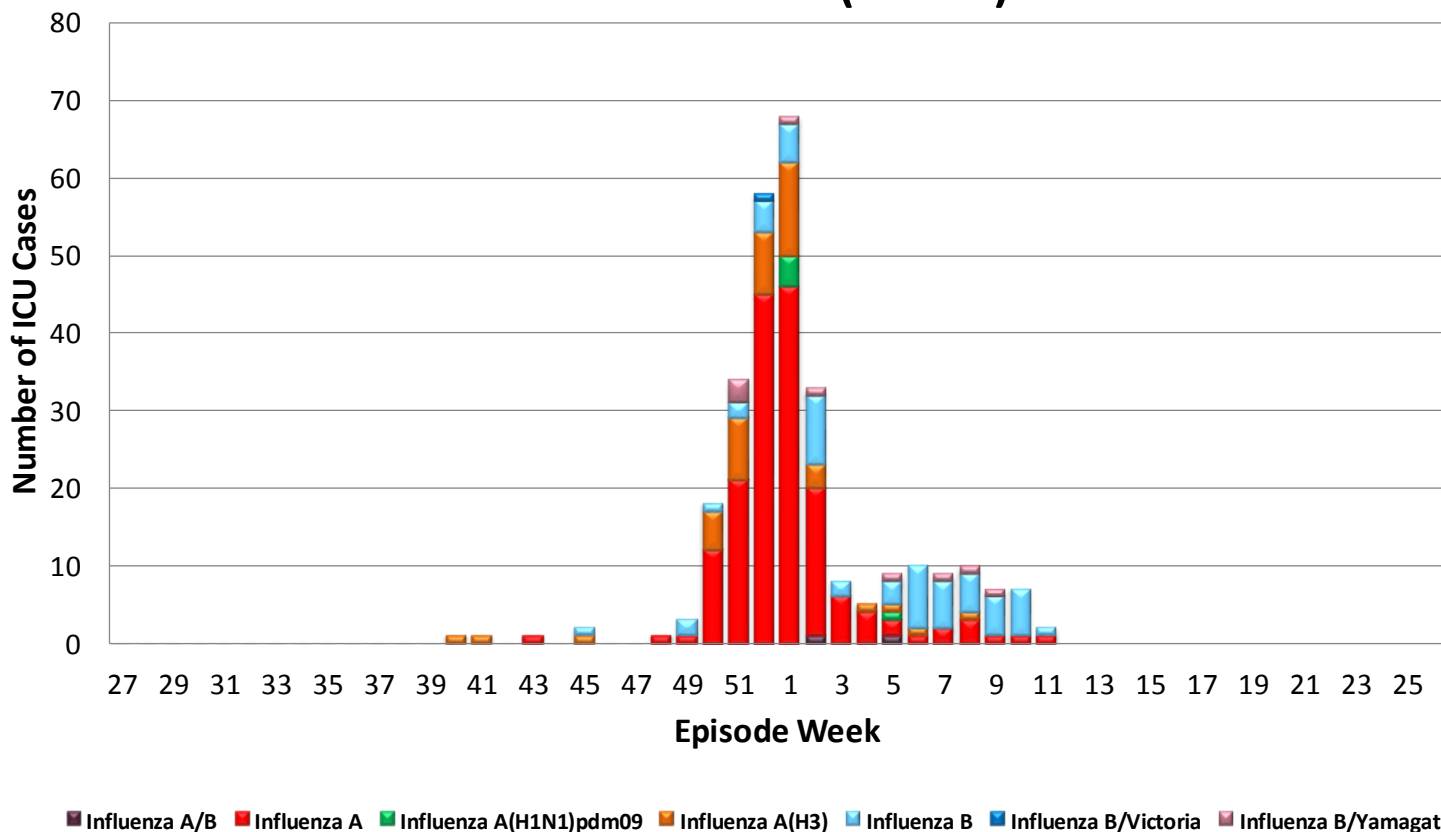
Preliminary Results

Data Source: San Diego Immunization Registry

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Figure 11. Number of Influenza Cases Requiring ICU Care by Episode Week and Type of Influenza, 2017-18 FYTD (N=287)



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Influenza Immunization Order to be 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 will be extended **until April 30**. If influenza activity remains elevated, further extension may be required.

A written notice will be sent to local healthcare facilities and posted on the San Diego County Immunization Program [webpage](#) with details on this extension, and updates will be made in future issues of this Influenza Watch Report.

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](#).