



SAN DIEGO COUNTY INFLUENZA SURVEILLANCE

2016-17
SEASON SUMMARY

UPDATED 8/25/17



Season Summary



LIVE WELL
SAN DIEGO

Influenza Cases Reported July 1, 2016 – June 30, 2017

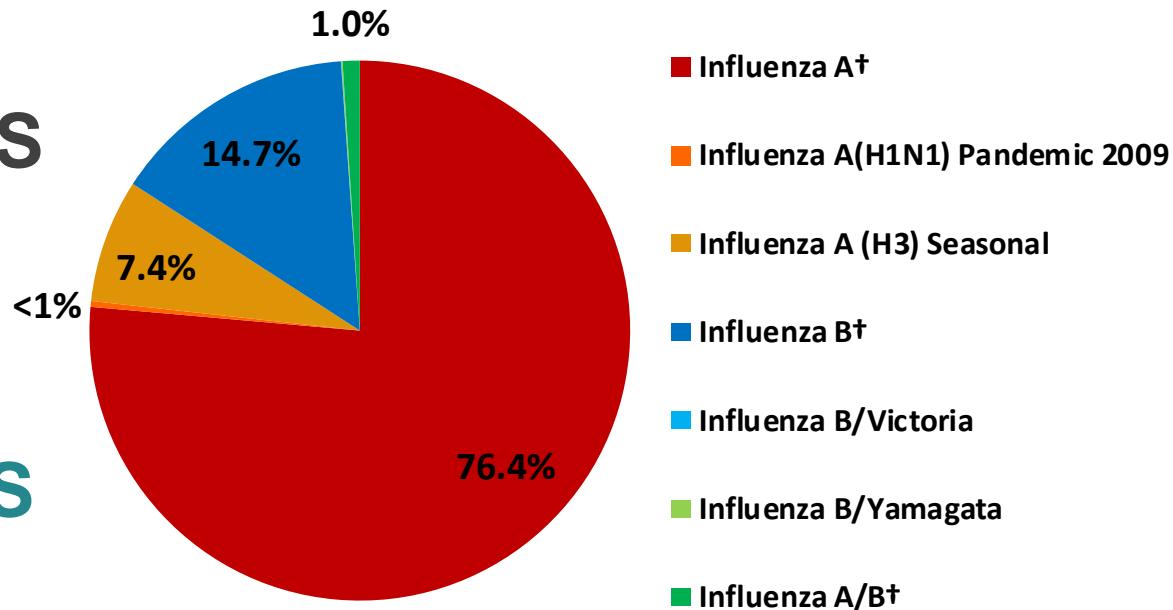
6,810

**TOTAL REPORTED
INFLUENZA CASES**

108 ICU CASES

87 DEATHS

35 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, 8/25/2017

INFLUENZA SURVEILLANCE UPDATE, 2016-17 YTD



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Table 1. Influenza Surveillance Indicators

Surveillance Indicator	FY 2016-17	FY 2015-16	Prior 3-FY Average*
Influenza detections reported (all types)*	6,810	6,279	5,933
Number of influenza-related deaths reported	87	68	78
Number of severe influenza (death and/or ICU) cases	165	153	135
Number of confirmed influenza outbreaks	35	15	43

FY=Fiscal year is July 1-June 30

* Includes FYs 2015-16, 2014-15, and 2013-14.

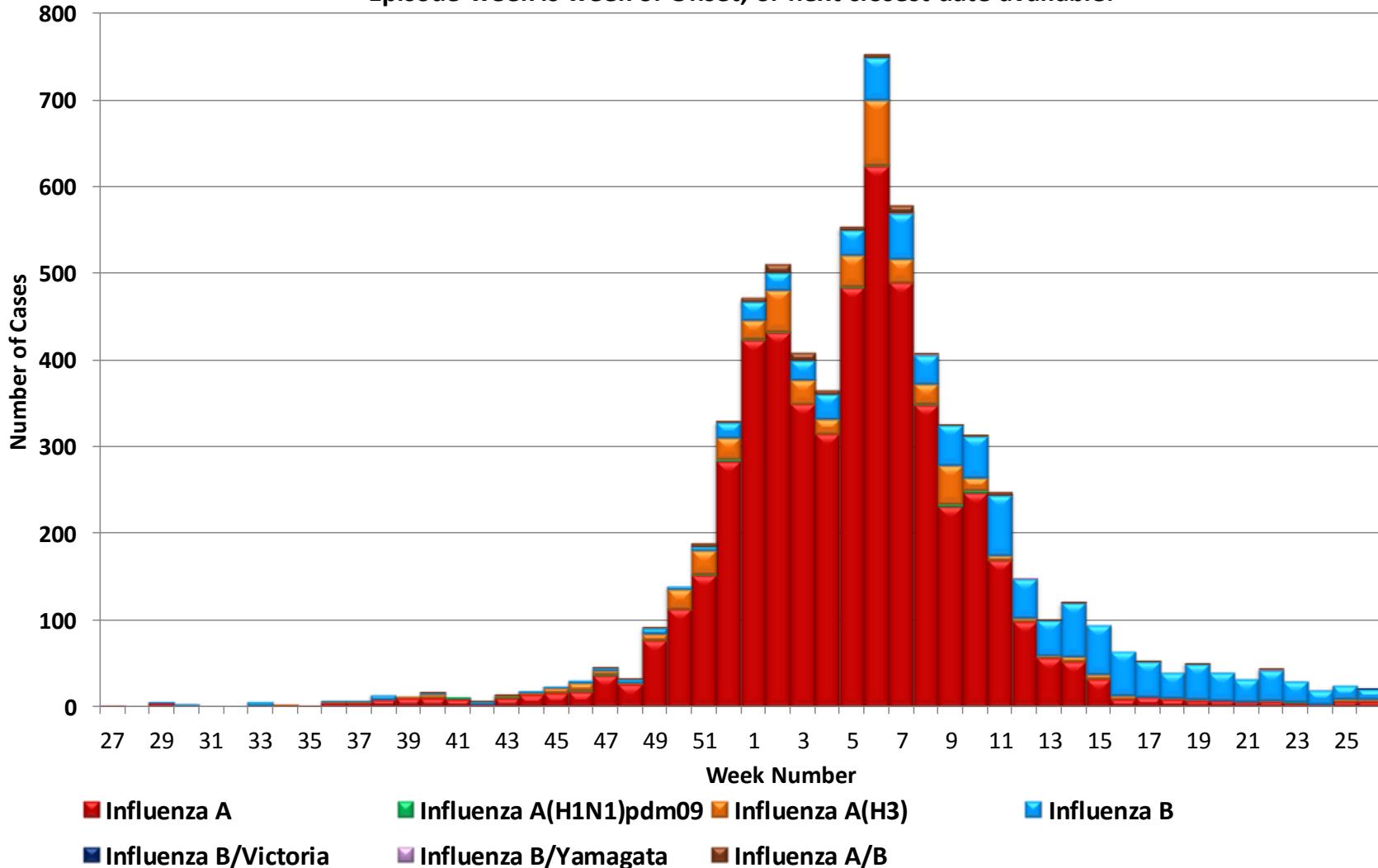
Preliminary Results

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Figure 2. San Diego County Influenza Detections by Type and Episode Week*, 2016-17 (N=6,810)

* Episode week is week of Onset, or next closest date available.



Preliminary Results

Data Source: Reported Influenza Case Reports

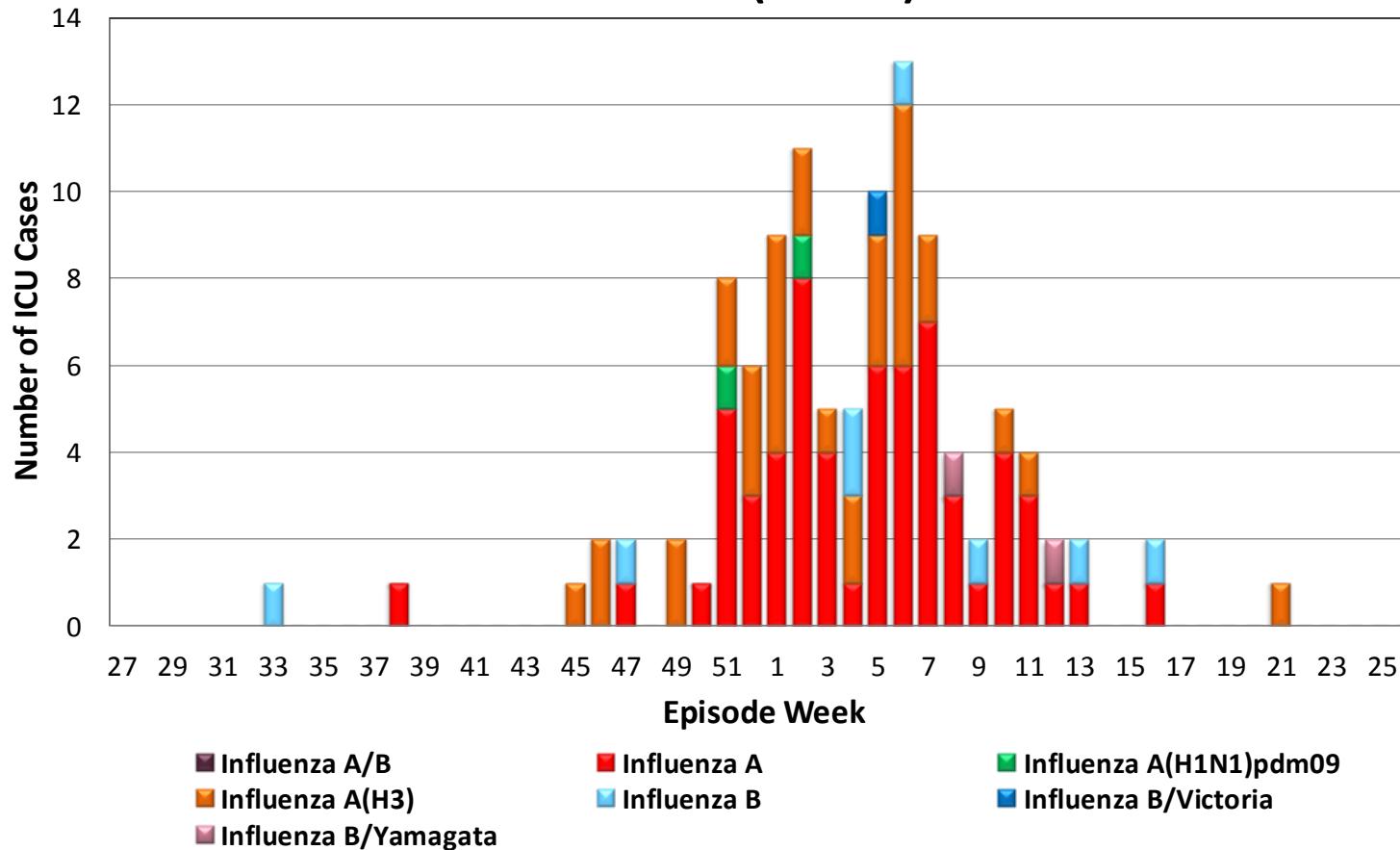
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INFLUENZA SURVEILLANCE UPDATE, 2016-17 YTD



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**Figure 10. Number of Influenza Cases Requiring ICU
Care by Episode Week and Type of Influenza,
2016-17 (N=108)**



Preliminary Results

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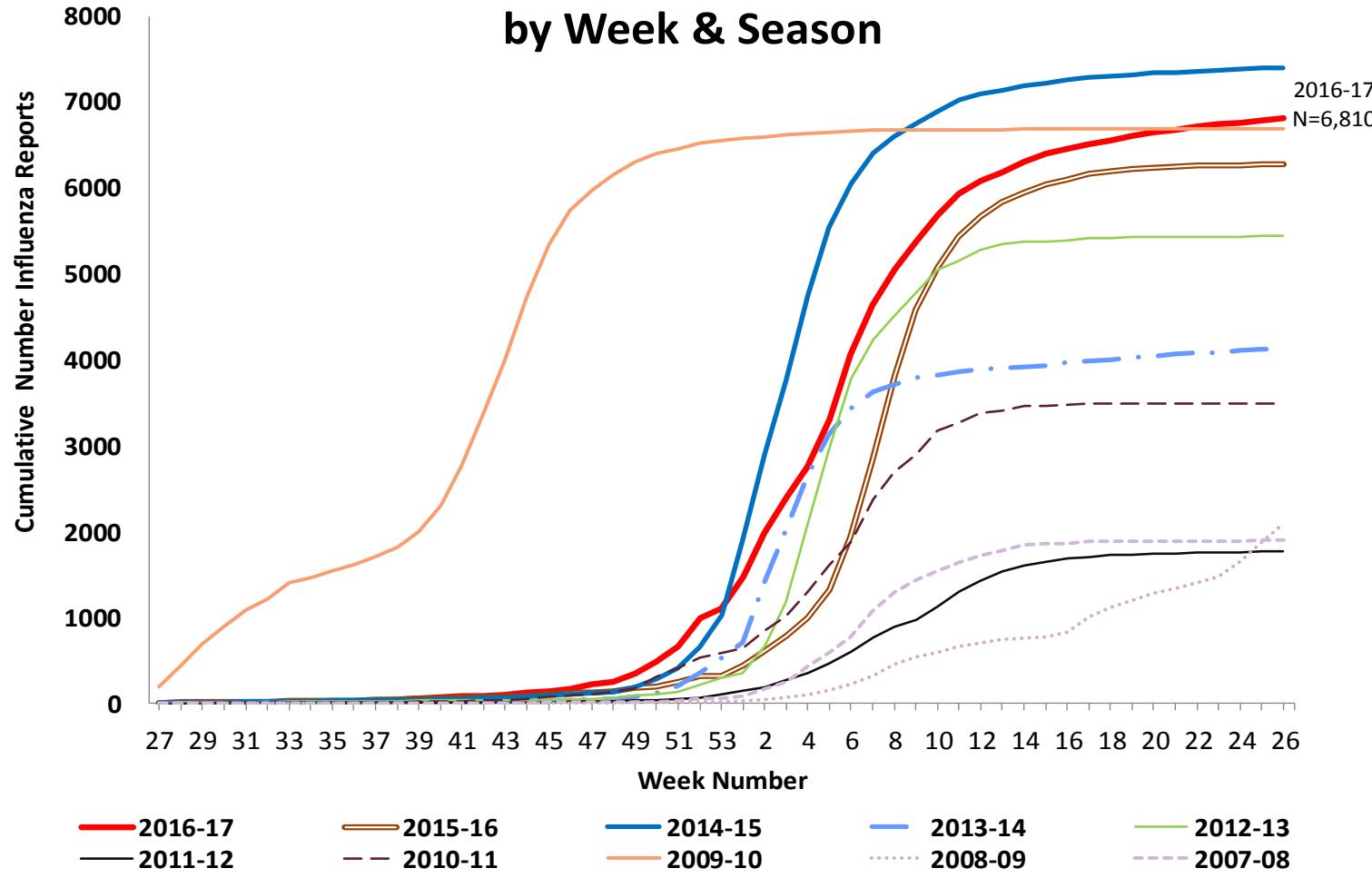
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INFLUENZA SURVEILLANCE UPDATE, 2016-17 YTD



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**Figure 5. Cumulative Influenza Case Reports
by Week & Season**



Preliminary Results

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Table 2. Influenza Detections Reported, FY 2016-17*

Positive Test Type/Subtype	Total	Percent
Influenza A†	5,213	81.8%
Influenza A(H1N1) Pandemic 2009	25	0.2%
Influenza A (H3) Seasonal	487	2.0%
Influenza B†	1,009	14.8%
Influenza B/Victoria	1	0.0%
Influenza B/Yamagata	5	0.1%
Influenza A/B†	70	1.0%
Total	6,810	100%

* 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.

Preliminary Results

Data Source: Reported Influenza Case Reports

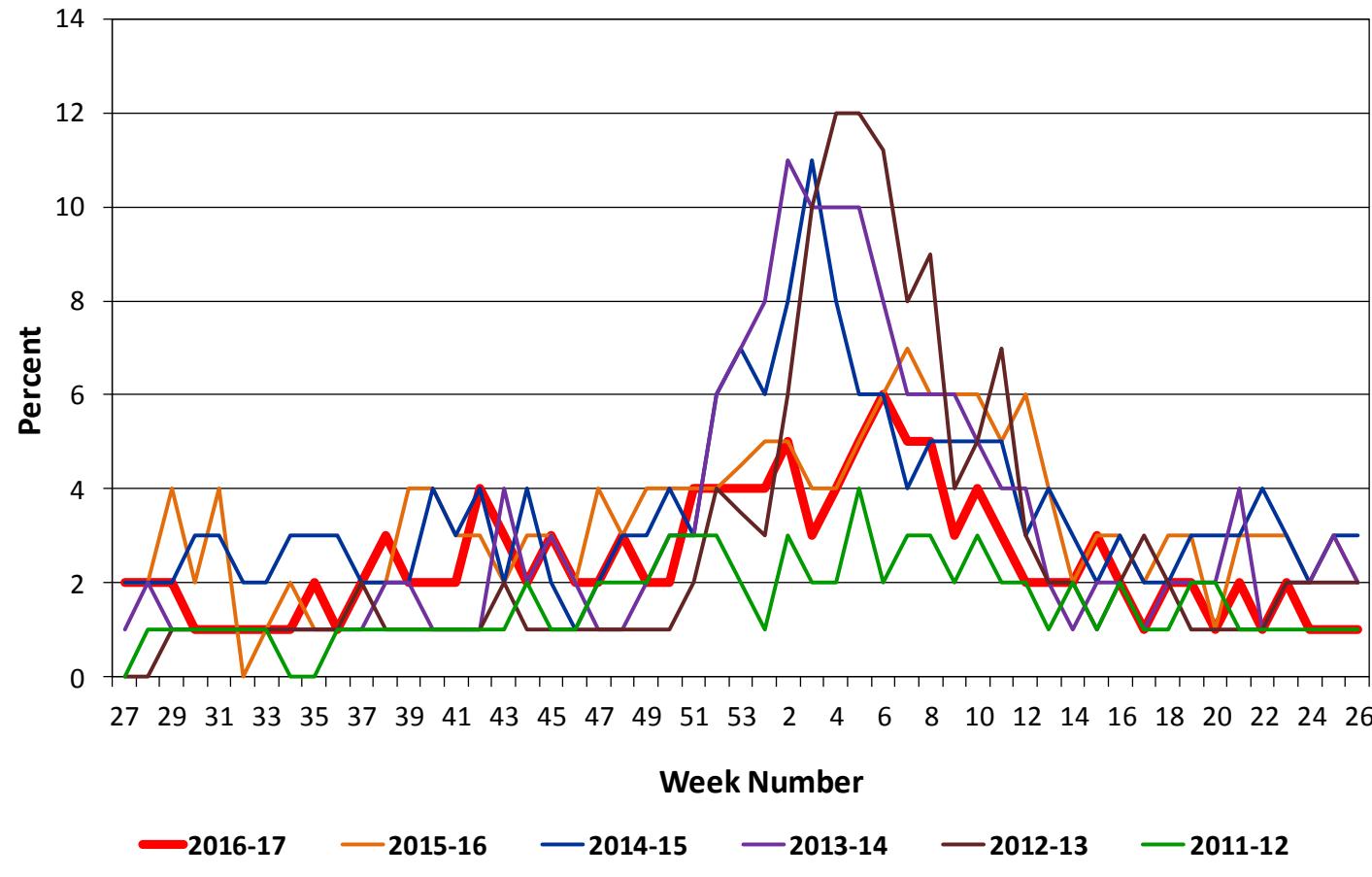
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INFLUENZA SURVEILLANCE UPDATE, 2016-17 YTD



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



Preliminary Results

Data Source: Reported Influenza Case Reports

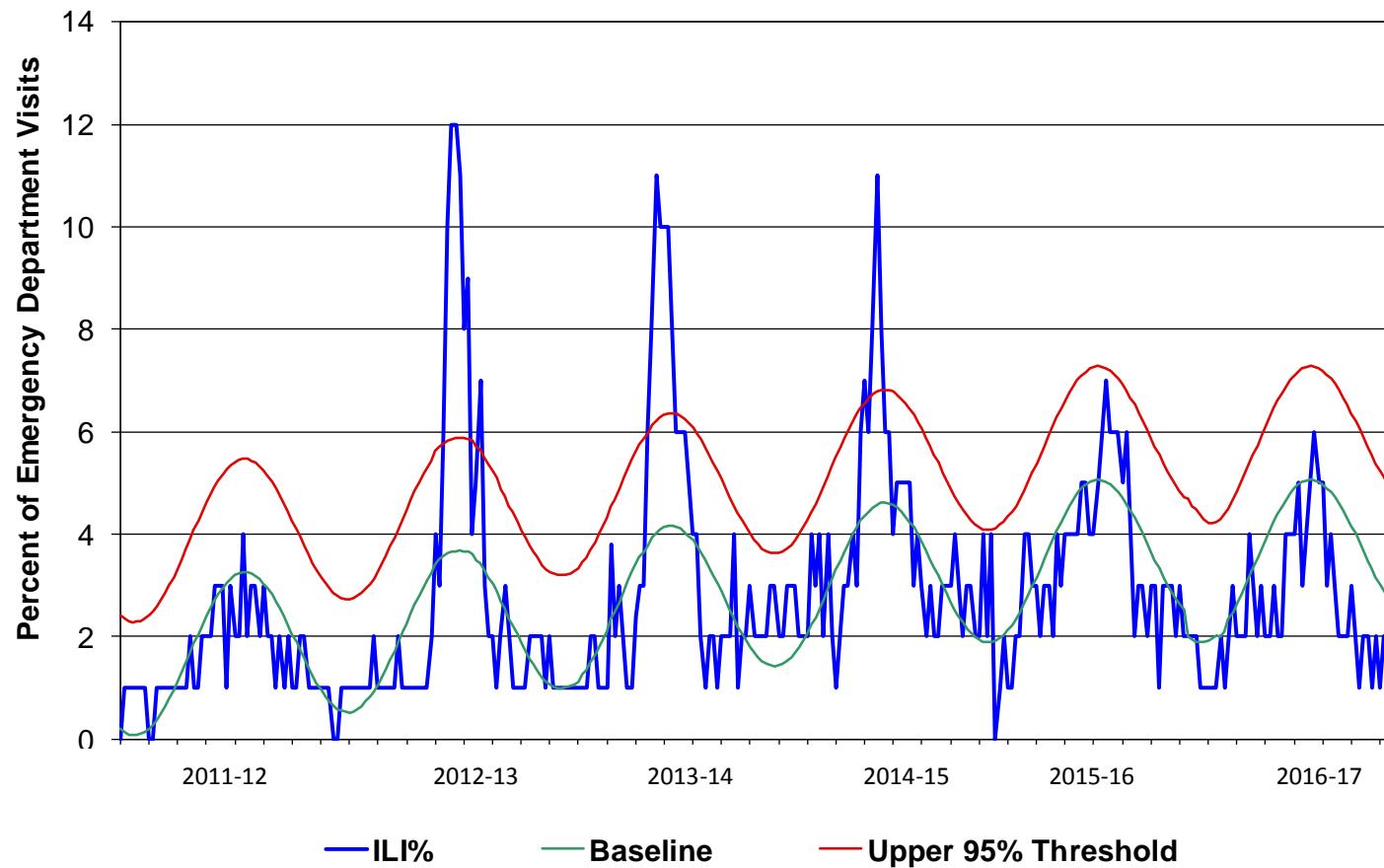
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INFLUENZA SURVEILLANCE UPDATE, 2016-17 YTD



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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

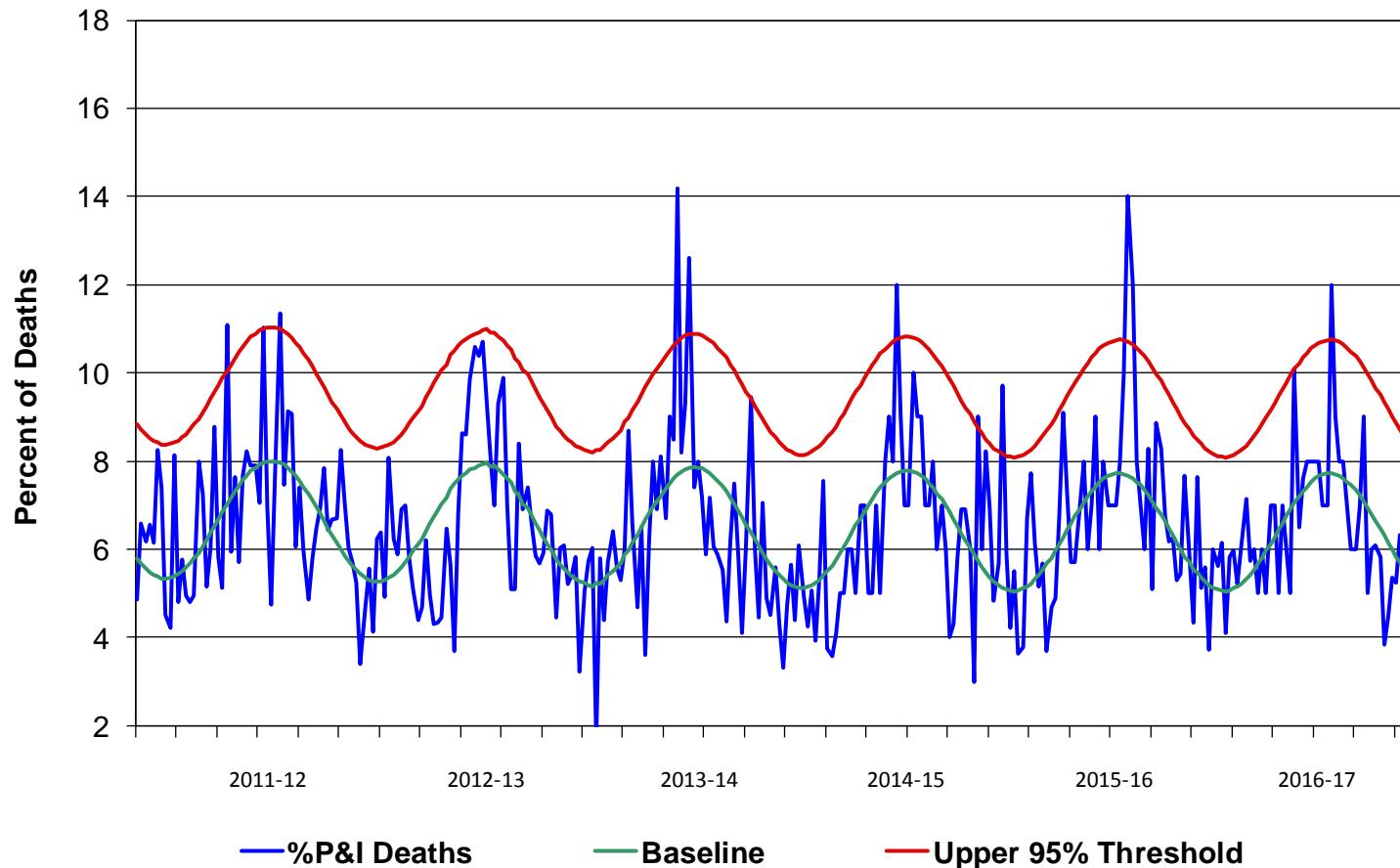
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INFLUENZA SURVEILLANCE UPDATE, 2016-17 YTD



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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

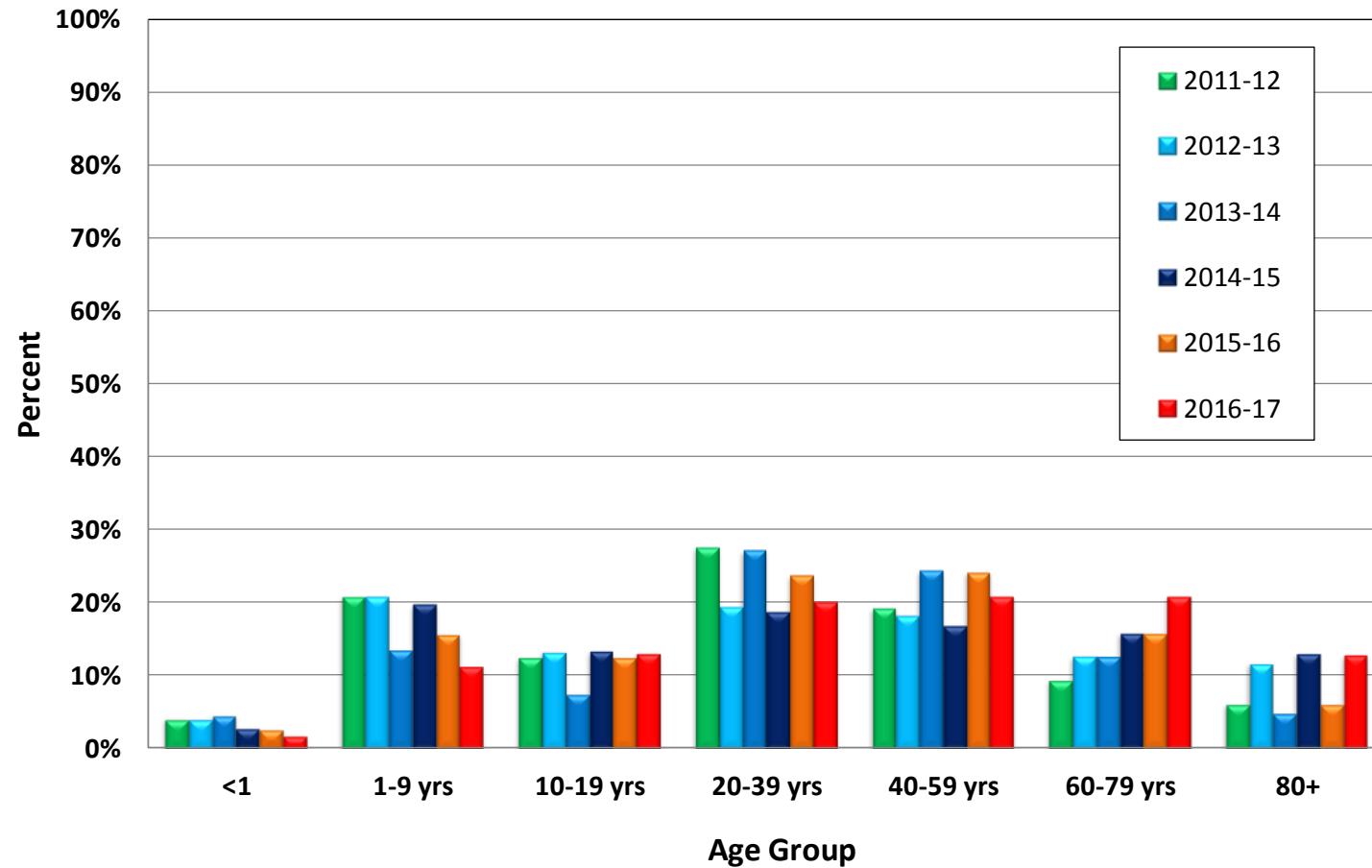
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INFLUENZA SURVEILLANCE UPDATE, 2016-17 YTD



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Figure 4. Percent of Reported Influenza Cases by Age Group and Season, 2011-12 to 2016-17



Preliminary Results

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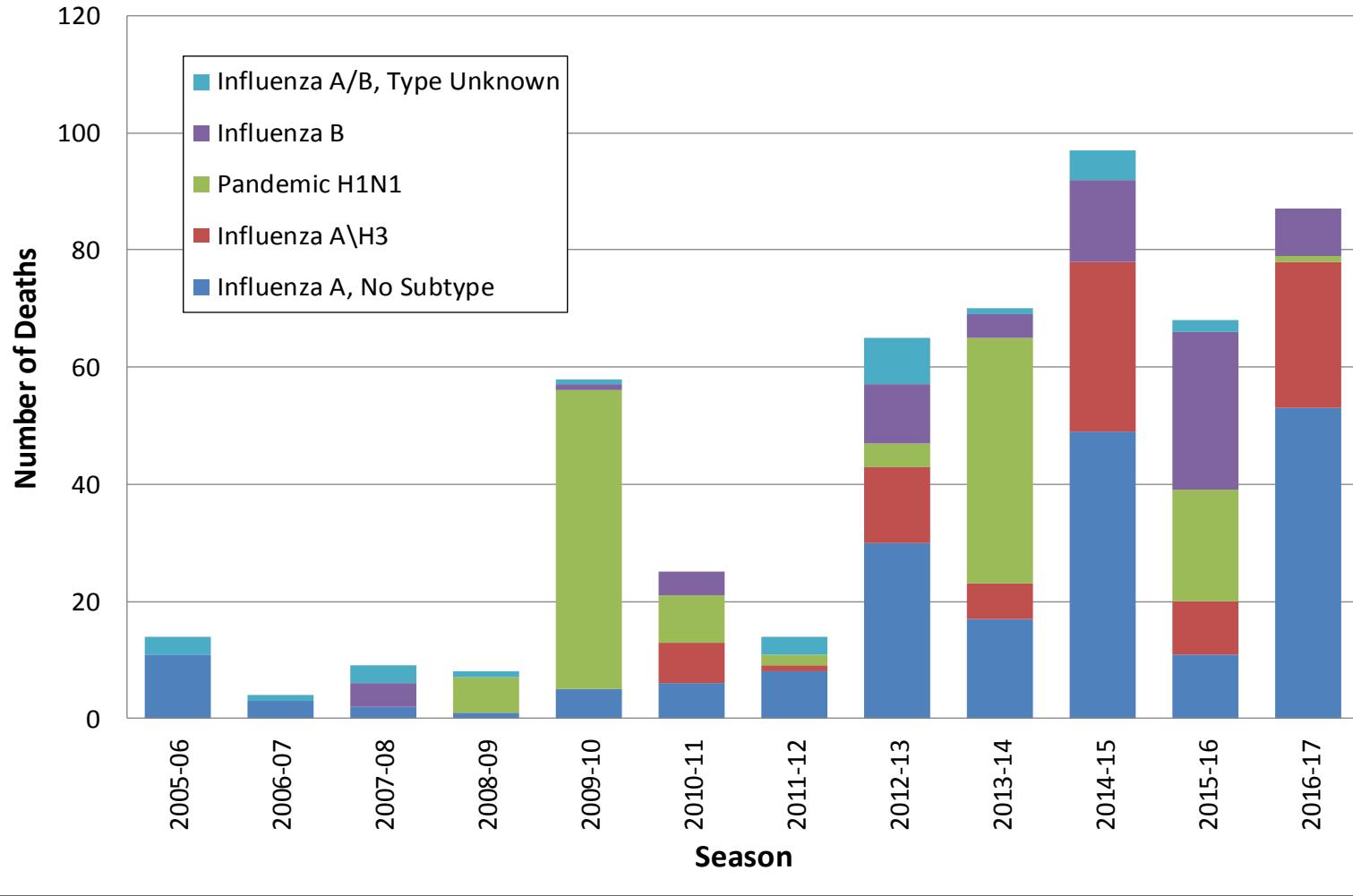
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Figure 7. Influenza Deaths by Type, and Season



Preliminary Results

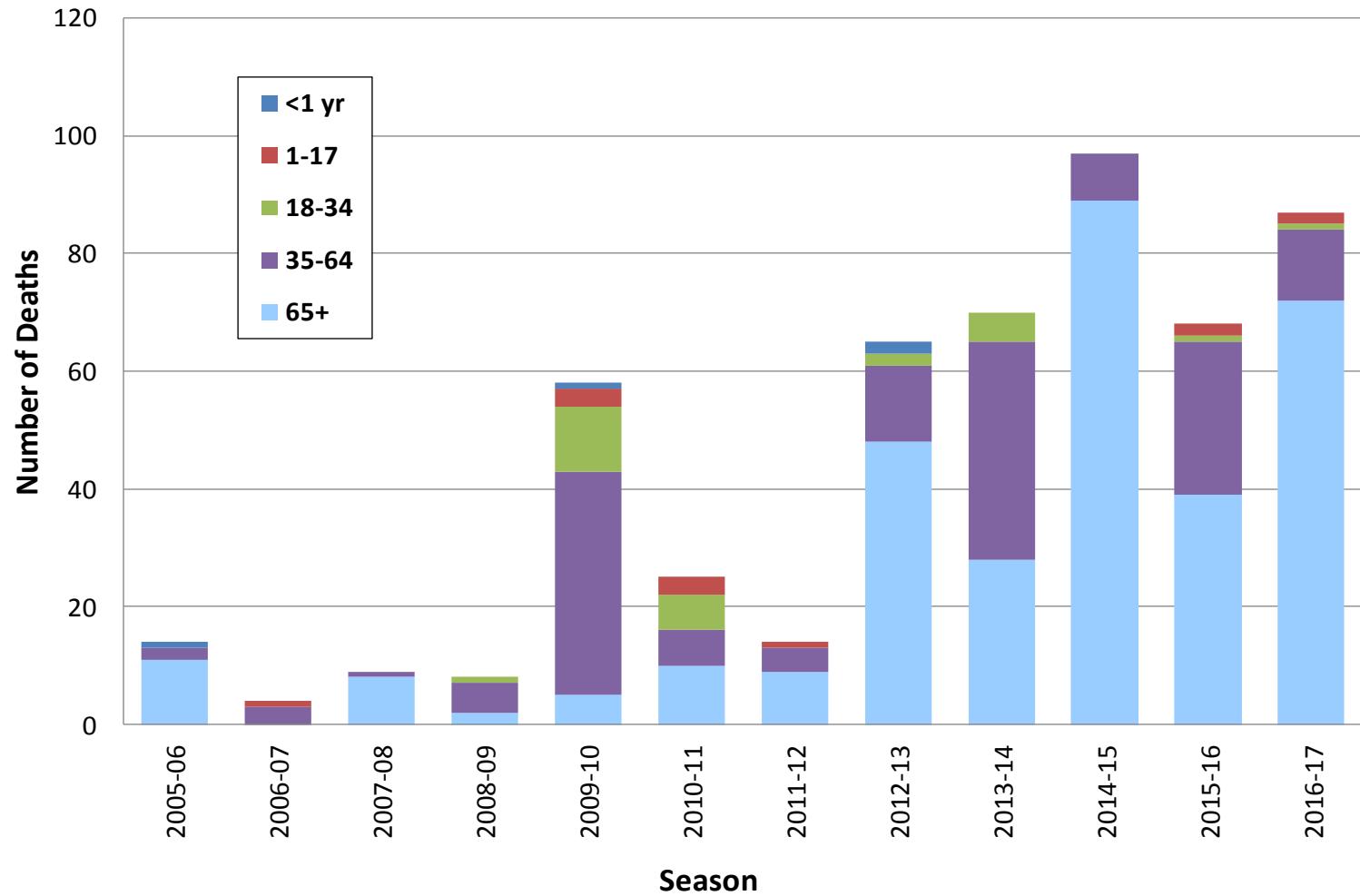
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Figure 8. Influenza Deaths by Age and Season



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