



INFLUENZA WATCH

2016-17 Season Summary

The purpose of the weekly *Influenza Watch* is to summarize current influenza surveillance in San Diego County. This summary report reflects the 2016-17 season data.

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Highlights

- High volume of influenza detections reported
- Predominantly an Influenza A season
- Influenza A/H3 was the main influenza A subtype circulating
- High number of influenza-related deaths, including 2 pediatric deaths
- Majority of deaths were 65 years of age or older, with underlying conditions

Season Summary

- 6,827**
Total Cases
- 107**
ICU Cases
- 87**
Deaths
- 35**
Outbreaks

Virus Characteristics

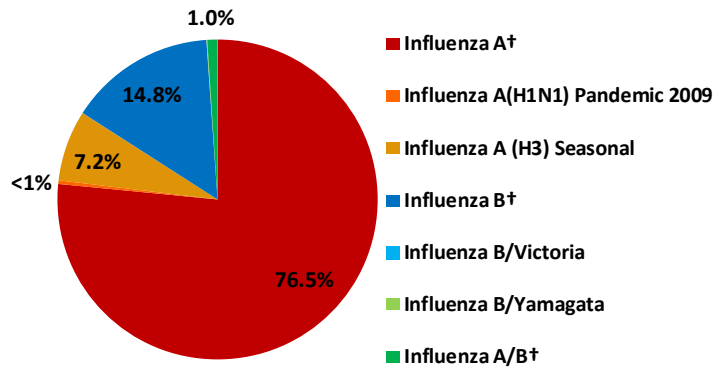


Table 1. Influenza Surveillance Indicators

Surveillance Indicator	FY 2016-17	FY 2015-16	Prior 3-FY Average*
Influenza detections reported (all types)*	6,827	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.

Figure 1. Influenza-Related Deaths by Age Group and Type of Influenza, 2016-17 (N=87)

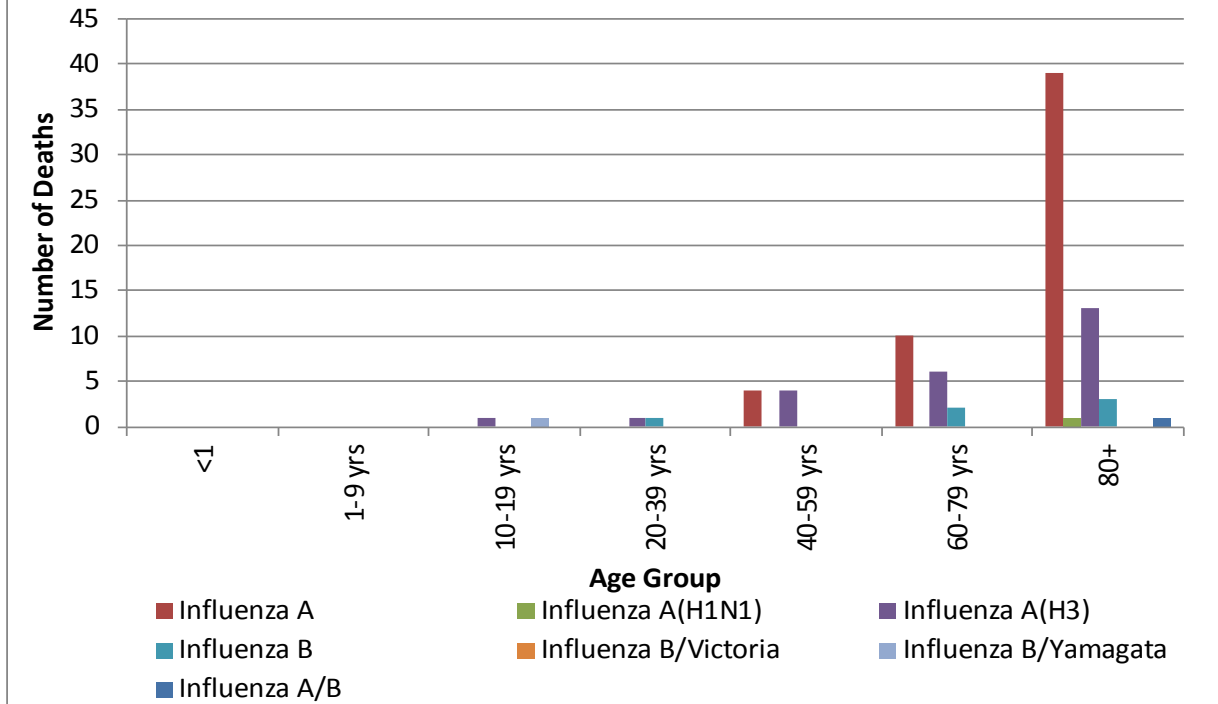


Table 2. Influenza Detections Reported, FY 2016-17*

Positive Test Type/Subtype	Total To-Date	Total	Percent
Influenza A†	5,223	5,223	76.5%
Influenza A(H1N1) Pandemic 2009	25	25	0.4%
Influenza A (H3) Seasonal	488	488	7.1%
Influenza B†	1,013	1,013	14.8%
Influenza B/Victoria	2	2	0.0%
Influenza B/Yamagata	5	5	0.1%
Influenza A/B†	71	71	1.0%
Total	6,827	6,827	100%

* FY is July 1 - June 30.

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

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Figure 2. San Diego County Influenza Detections by Type and Week of Report, 2016-17 (N=6,827)

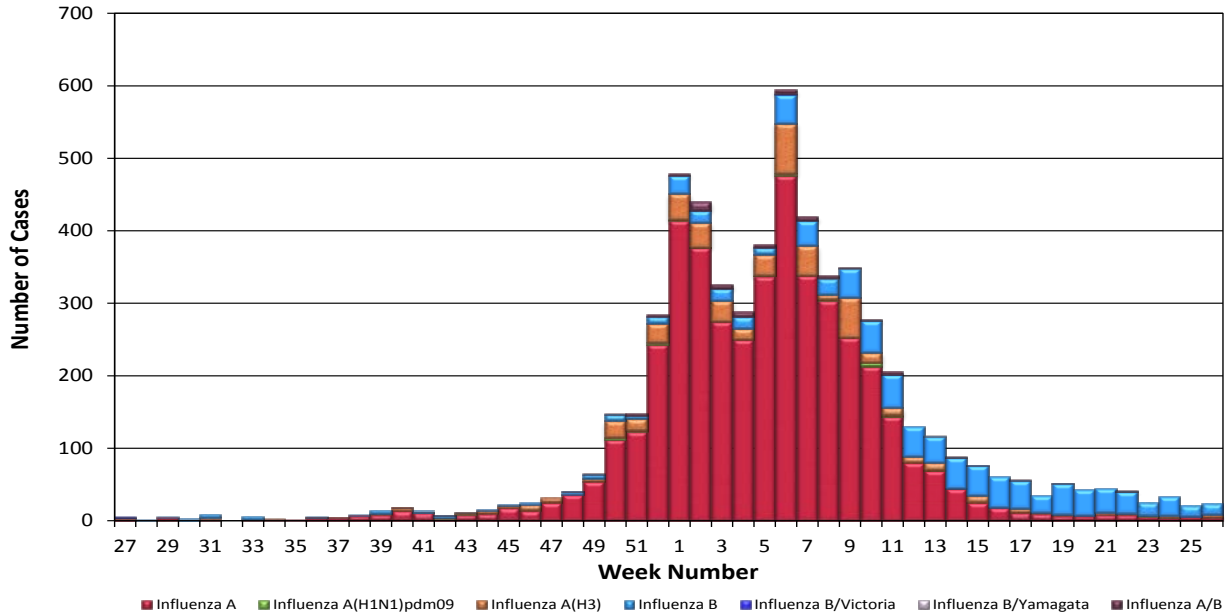
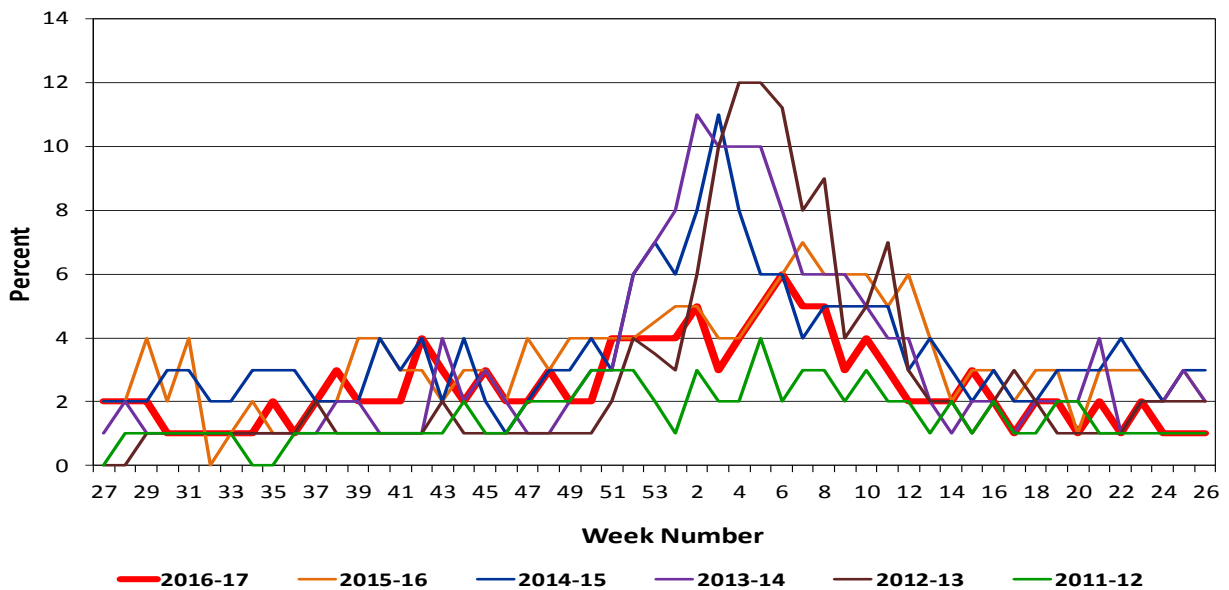


Figure 3. Percent of Emergency Department Visits for Influenza-like Illness by Week and FY



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

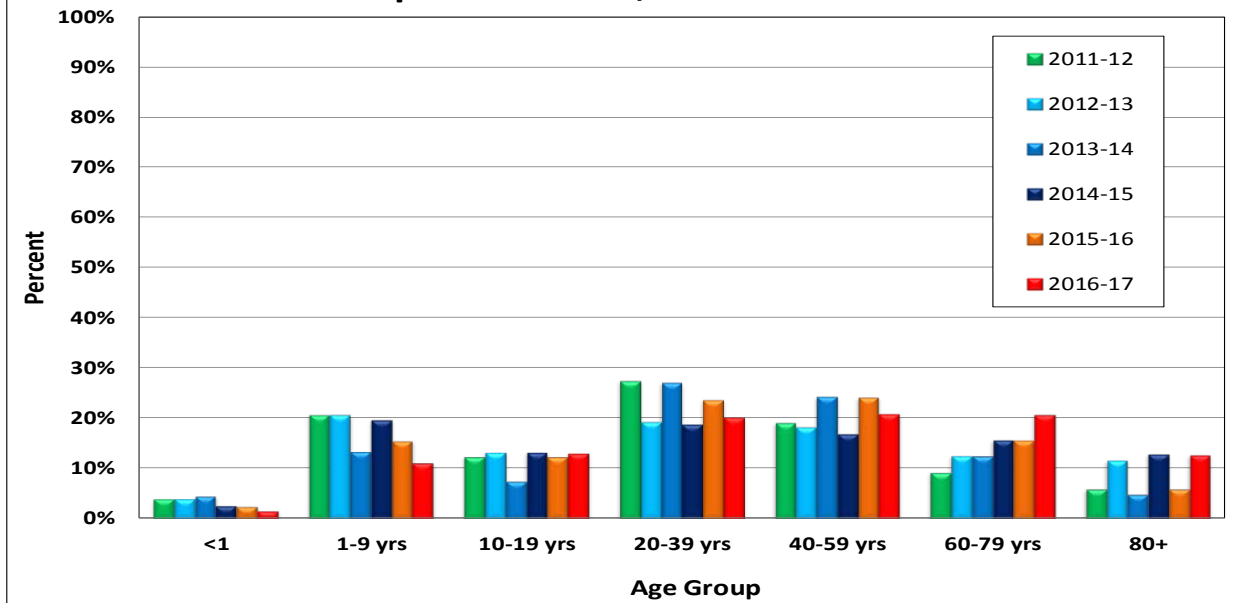
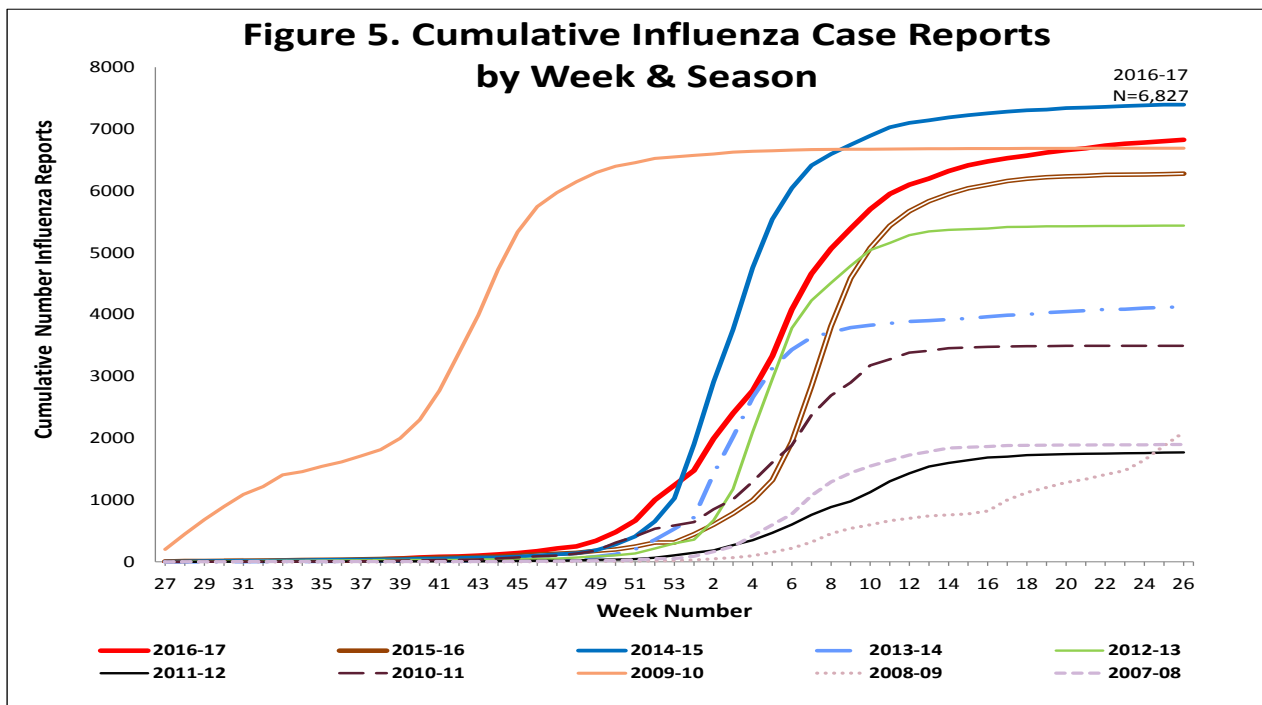


Figure 5. Cumulative Influenza Case Reports by Week & Season



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Figure 6. 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)

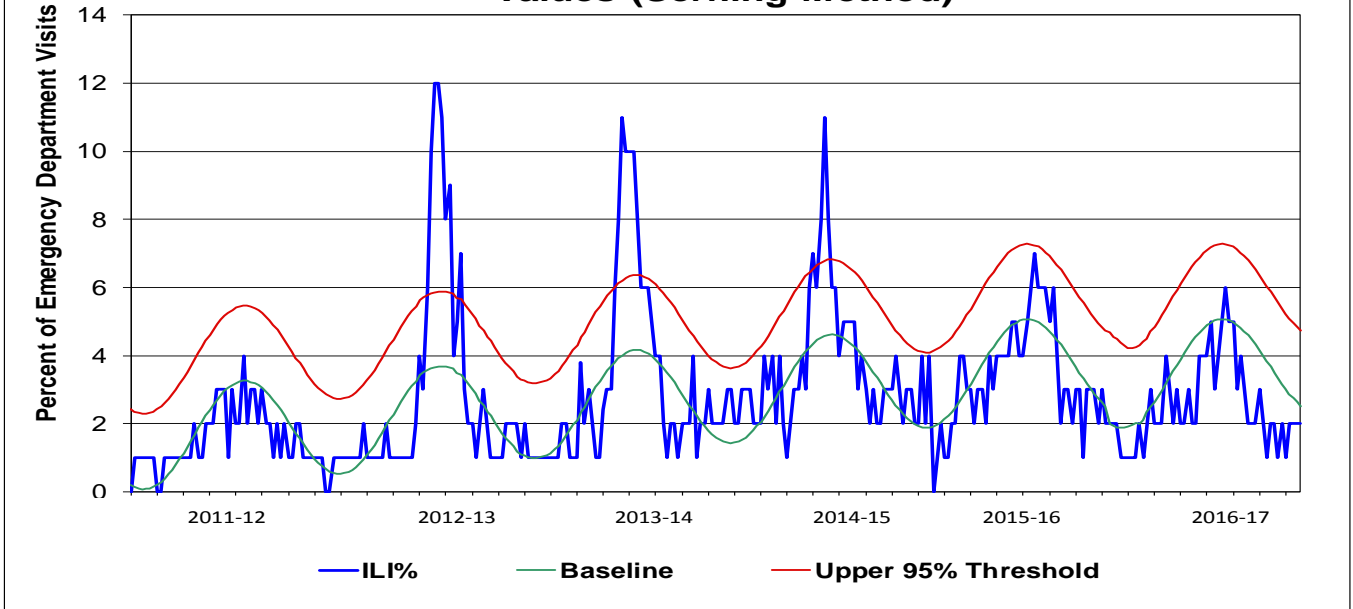
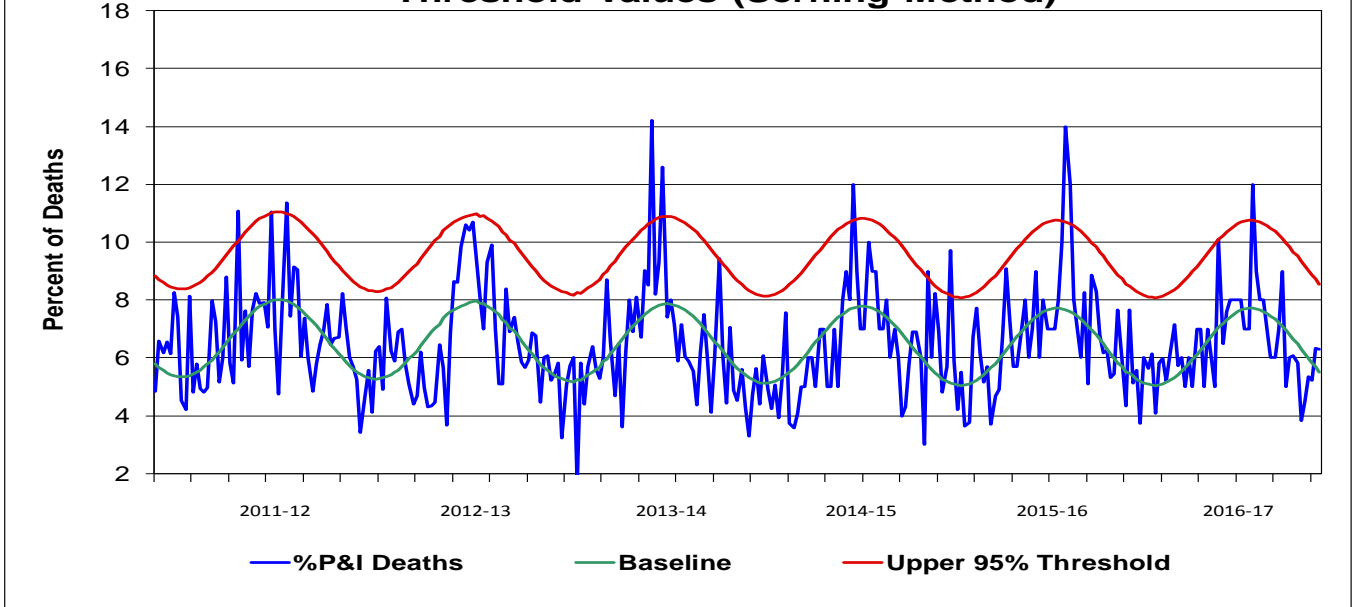


Figure 7. Percent of San Diego County Deaths Registered with Pneumonia and/or Influenza by Week and FY Compared to Prior 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)



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Figure 8. Influenza Deaths by Type, and Season

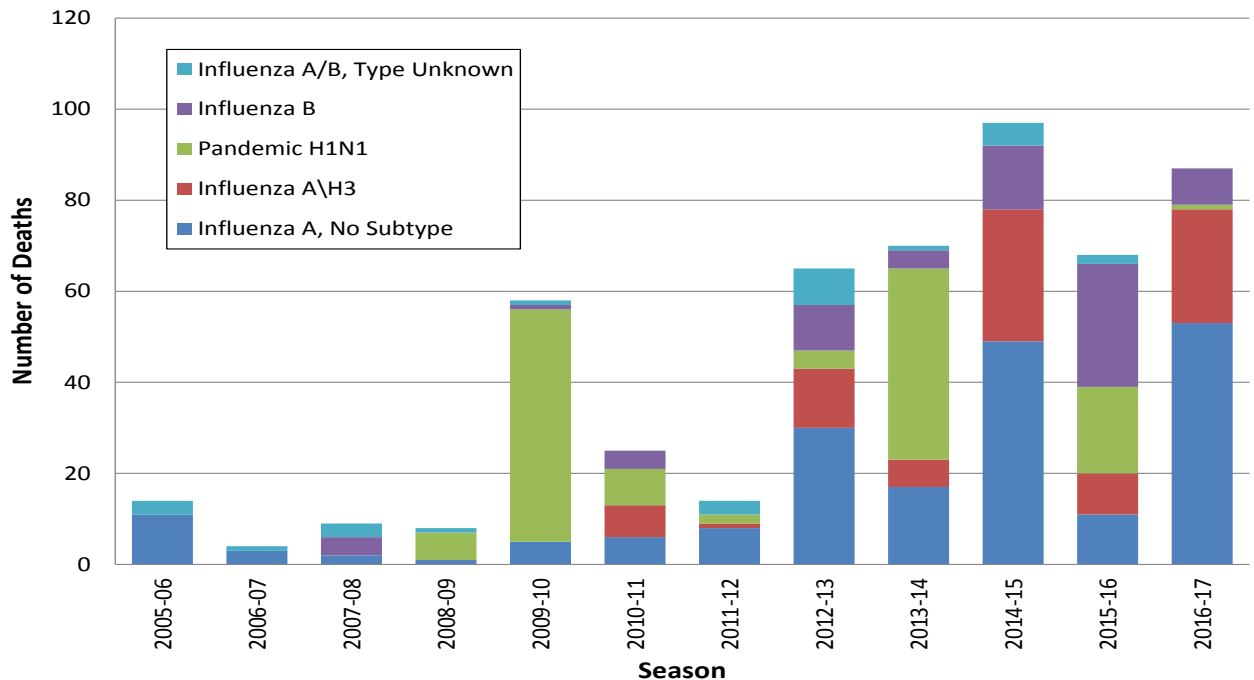
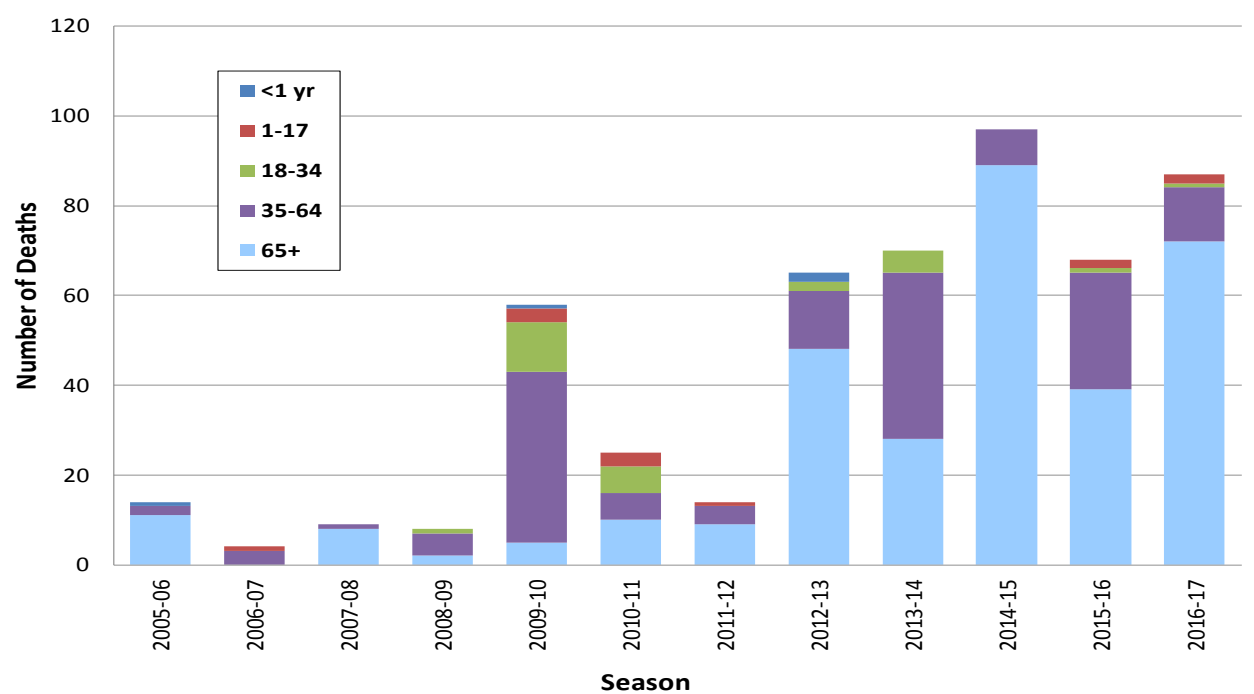


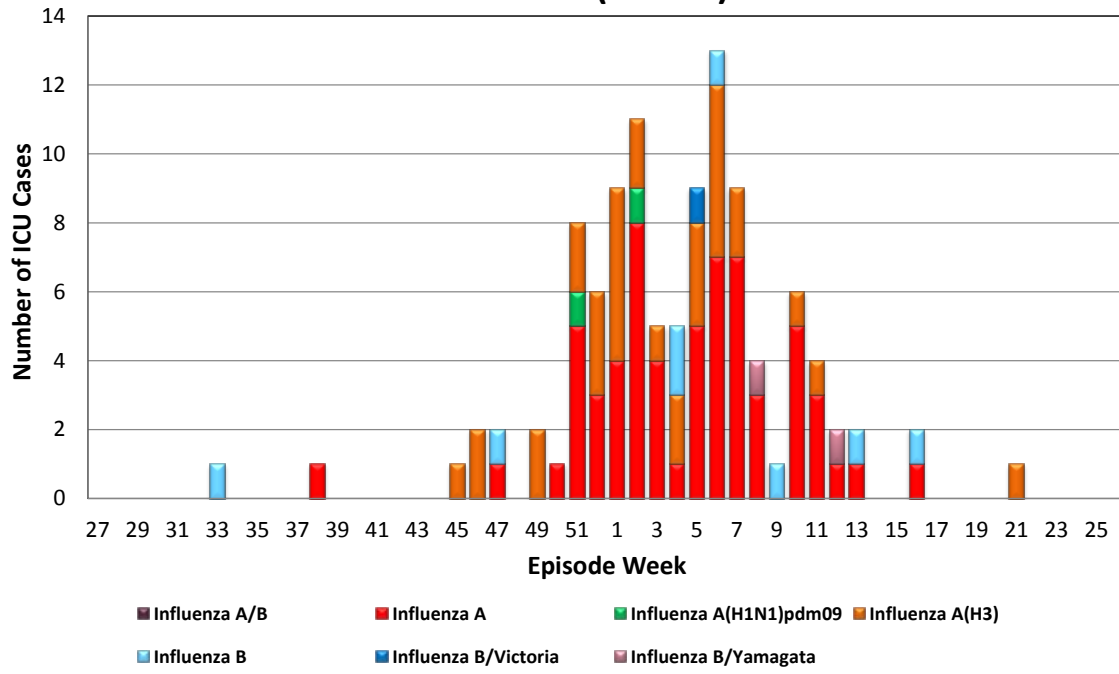
Figure 9. Influenza Deaths by Age and Season



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Figure 10. Number of Influenza Cases Requiring ICU Care by Episode Week and Type of Influenza, 2016-17 (N=107)



Influenza Reporting Local providers are encouraged to report any laboratory positive influenza detections to the County Epidemiology Program by **FAX to (858) 715-6458**. Please fax a [Case Report](#) Form and/or a printed laboratory result. If known, please indicate if patient was admitted to ICU or died. 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 Epidemiology with any questions at **(619) 692-8499** or EpiDiv.HHSA@sdcounty.ca.gov.

Immunization Resources County of San Diego Immunization Branch www.sdiz.org