



INFLUENZA WATCH

Season Summary, 2015-16

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San Diego County had a moderately severe influenza season during the 2015-16 fiscal year, which peaked in mid-to-late February, and included both influenza A and B viruses.

Highlights

6,279

Total Cases

120

ICU Cases

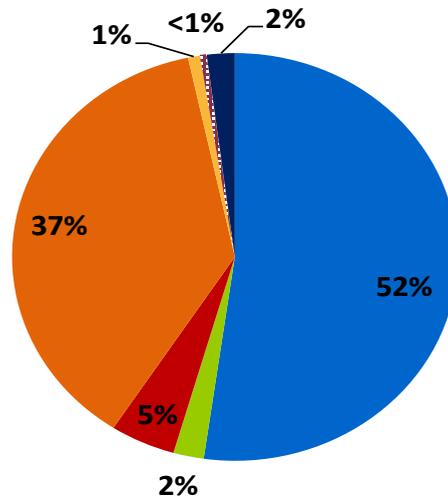
68

Deaths

15

Outbreaks

Virus Characteristics



- Influenza A
- Influenza A (H3) Seasonal
- Influenza A (H1N1)pdm09
- Influenza B
- Influenza B/Yamagata
- Influenza B/Victoria
- Influenza A/B

Table 1. Influenza Surveillance Indicators

Surveillance Indicator	2015-16 FY		2014-15 FY		Prior 3-FY Average*	
	Number	Percent	Number	Percent	Number	Percent
Total influenza detections reported	6,279	100%	7,395	100%	5,653	100%
Influenza A**	3280	52%	4830	65%	3,779	67%
Influenza A/H3 Seasonal	139	2%	1217	16%	533	9%
Influenza A/H1N1-pdm(09)	297	5%	9	0%	164	3%
Influenza B**	2436	39%	1239	17%	1,032	18%
Influenza A/B	127	2%	100	1%	145	3%
Number of influenza-related deaths reported	68	1.1%	97	1.3%	77	1.4%

FY=Fiscal year is July 1-June 30

* Includes FYs 2013-14, 2012-13, and 2011-12.

** No further characterization performed or results not available at time of publication.

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

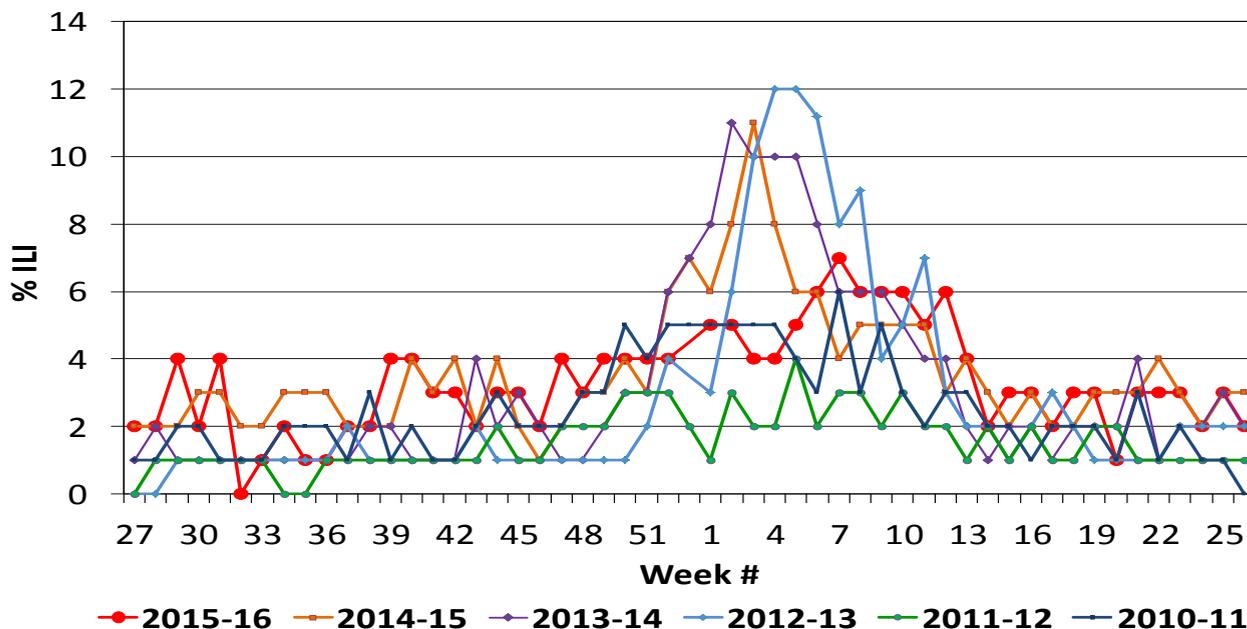
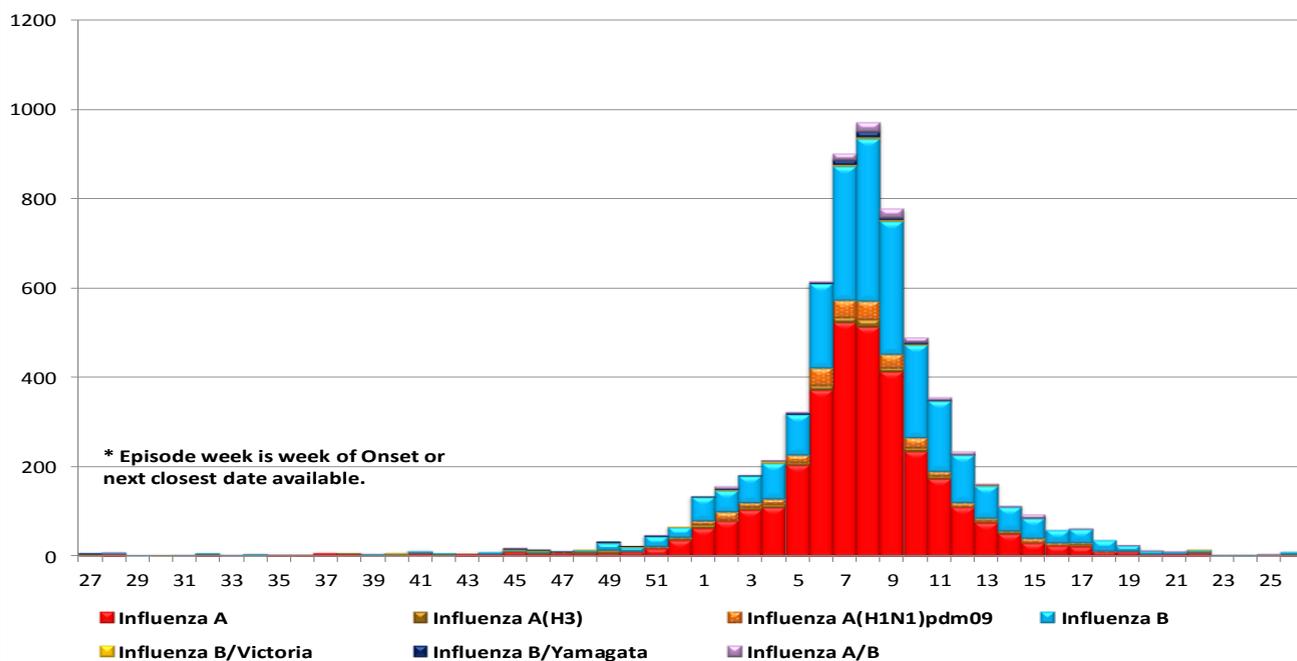


Figure 2. San Diego County Influenza Detections by Type and Episode Week*, 2015-16 YTD (N=6,279)



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Figure 3. Percent of Reported Influenza Cases by Age Group and Season, 2009-10 to 2015-16 YTD

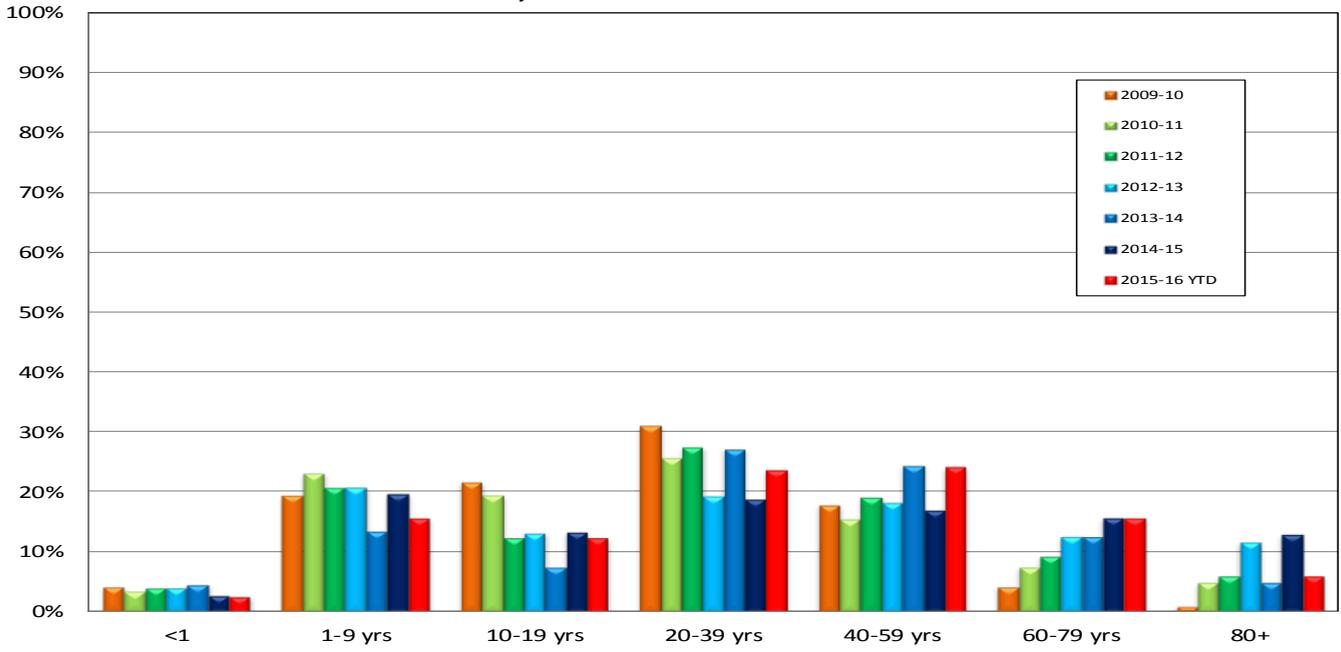
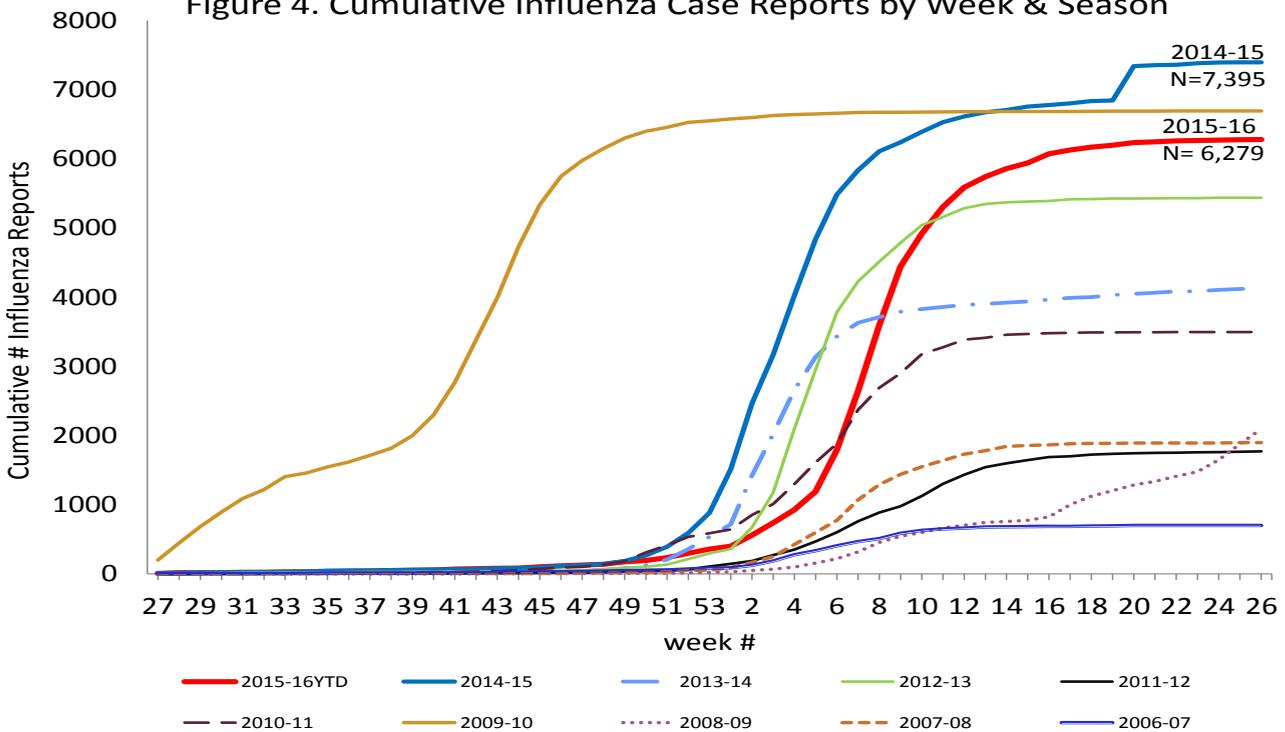


Figure 4. Cumulative Influenza Case Reports by Week & Season



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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)

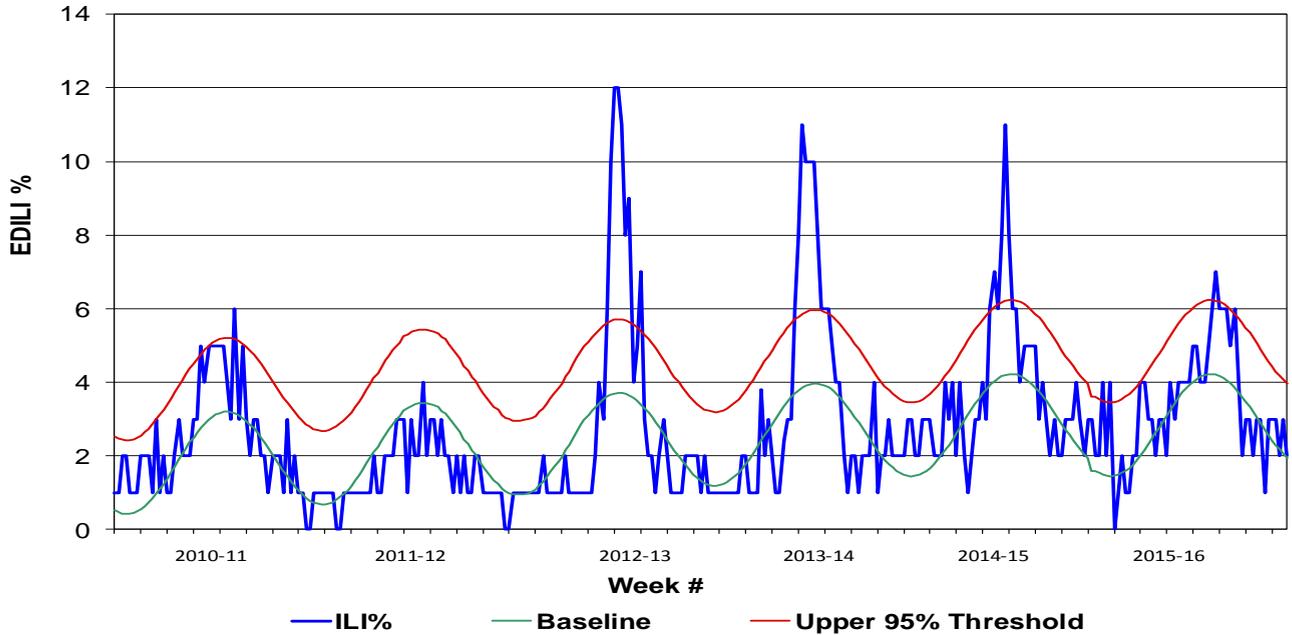
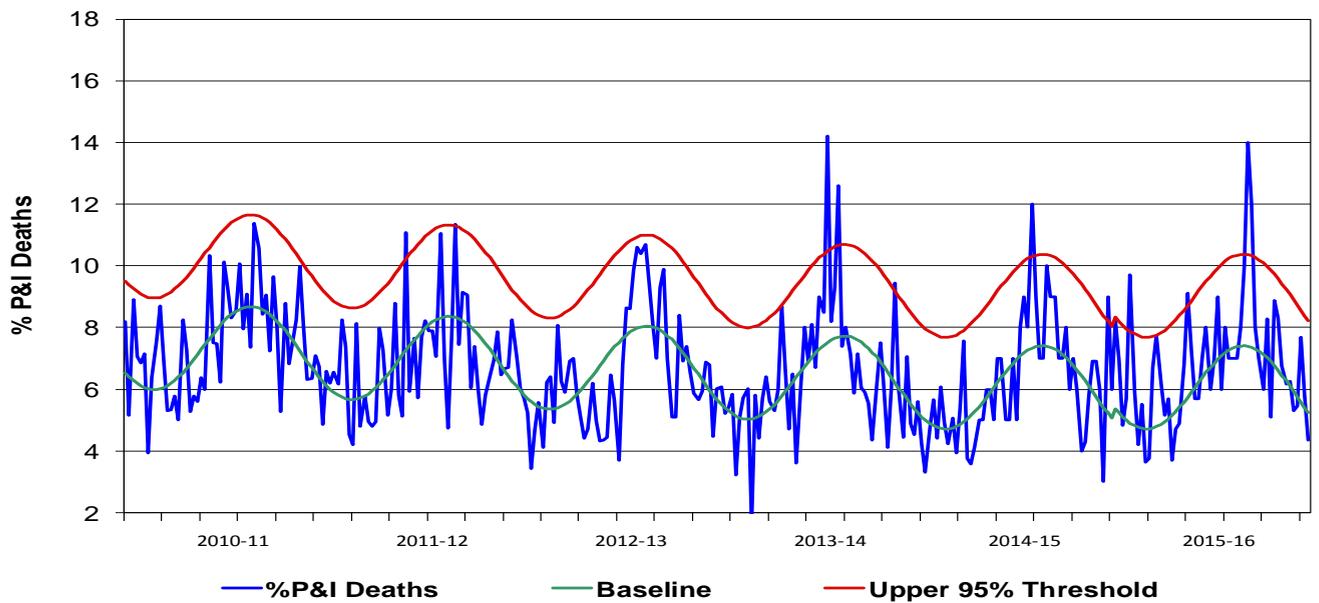


Figure 6. Percent of All San Diego County Deaths Registered with Pneumonia and/or Influenza by Week and FY Compared to Prior 5-Year Baseline & Upper 95% Threshold (Serfling Method)



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Figure 7. Influenza Deaths by Type, and Season

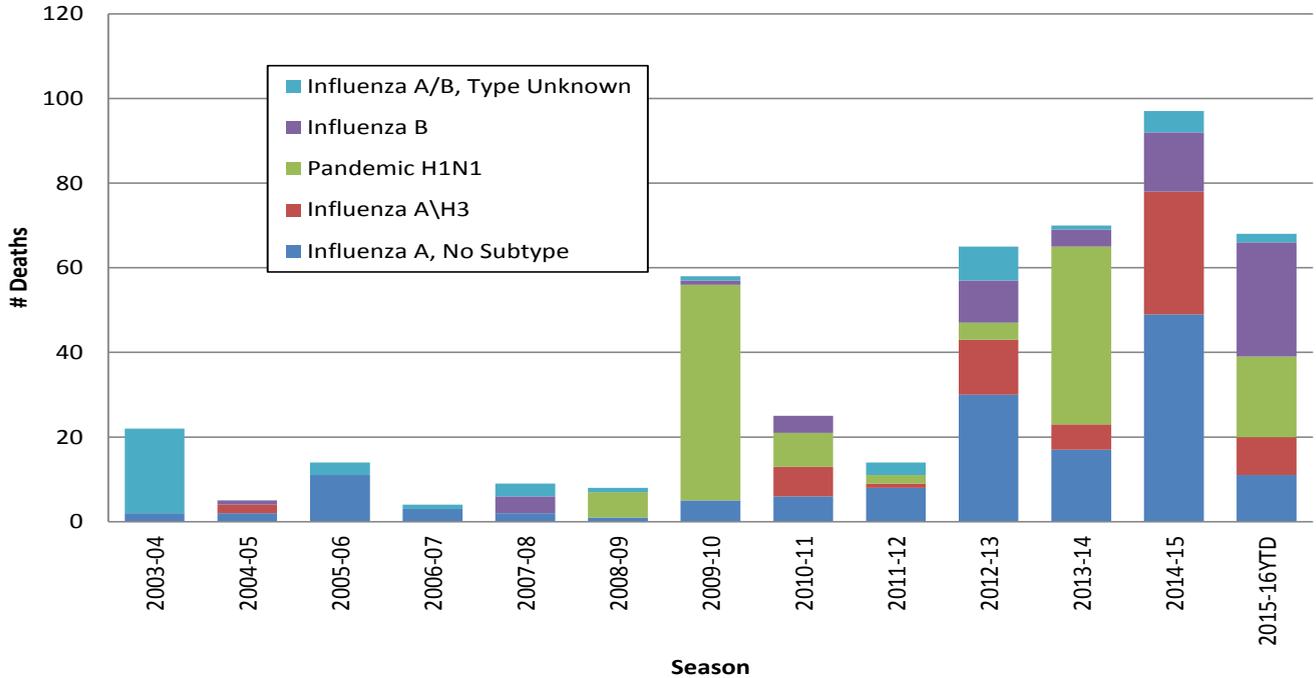
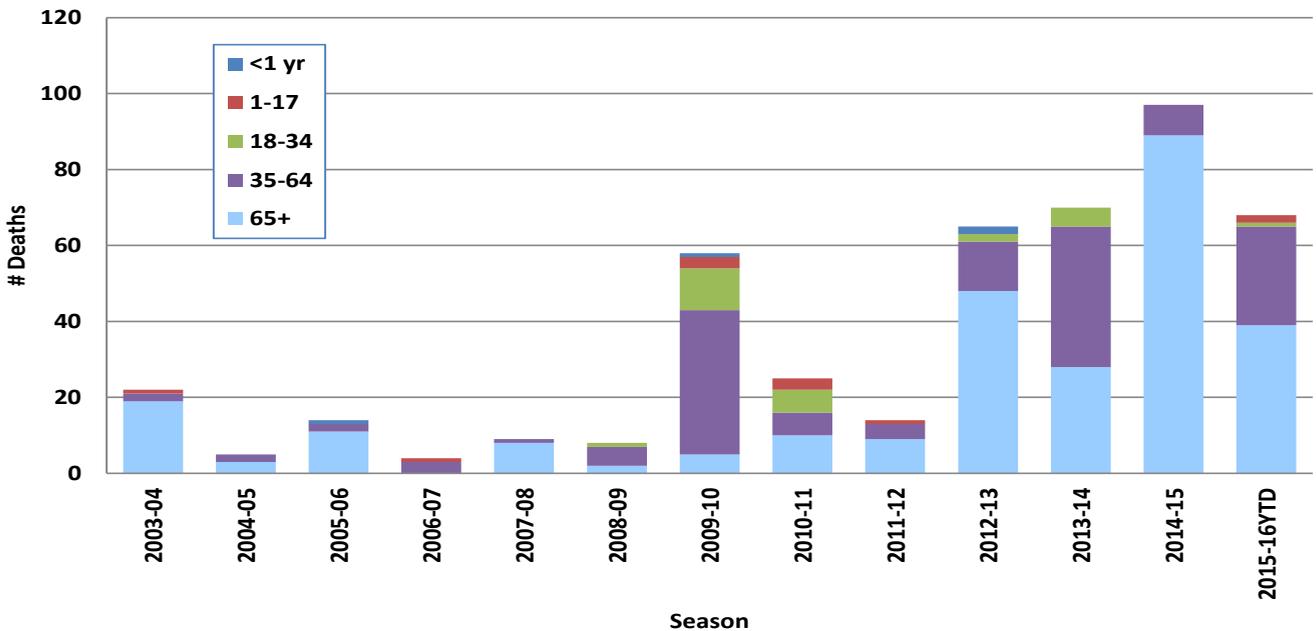


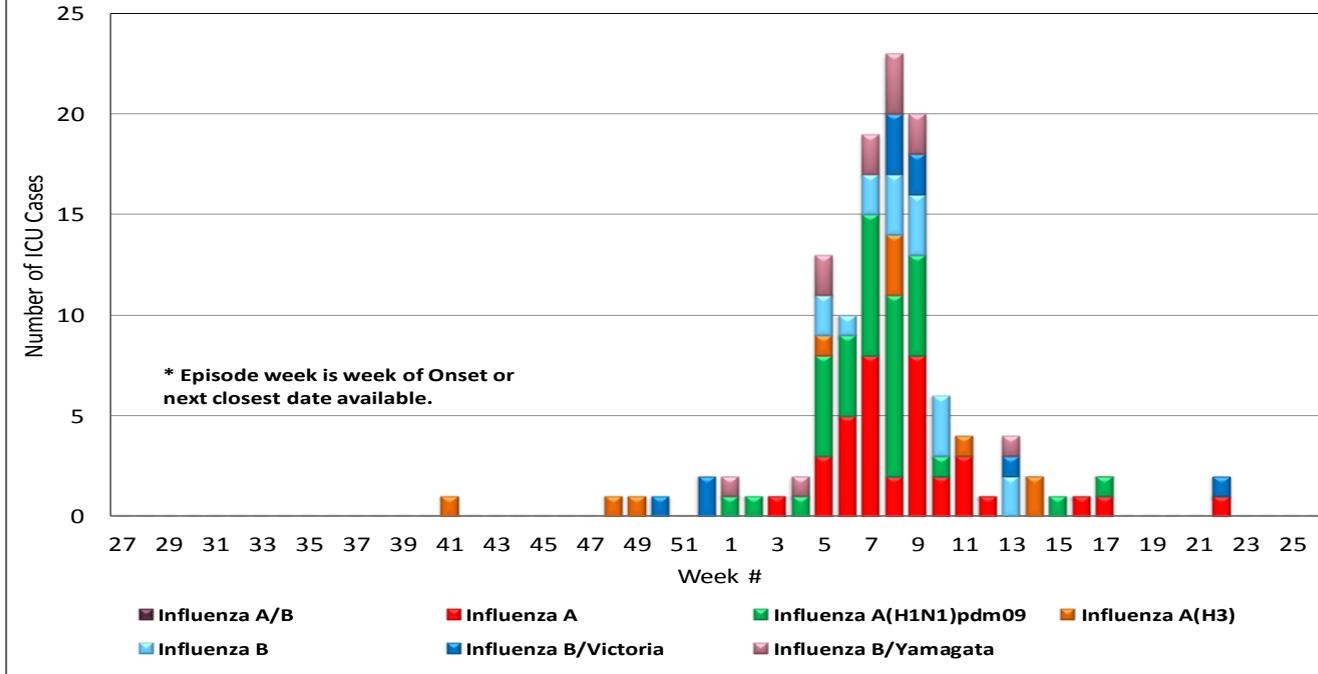
Figure 8. Influenza Deaths by Age and Season



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Figure 9. Number of Influenza Cases Requiring ICU Care by Episode Week and Type of Influenza, 2015-16 YTD (N=120)



Thank You!

Thank you to our local providers, hospitals, and laboratories for reporting ILI, influenza detections, outbreaks, deaths, and ICU cases to the County Epidemiology Program. We appreciate your collaboration. Please continue to test and report influenza as it occurs during the summer months, and fax the results to Epidemiology at (858)715-6458. We will resume the Influenza Watch weekly summary reports in the Fall of 2016. Please look for an email with a new Case Report Form and instructions for laboratories in September, 2016. To subscribe to weekly Influenza Watch emails, send a request to EpiDiv.HHSA@sdcounty.ca.gov, or contact Epidemiology at (619) 692-8499.

Resources

County of San Diego Immunization Branch www.sdiz.org
 California Department of Public Health [Influenza](#)
 CDC Influenza Surveillance [Weekly Report](#)