



# SAN DIEGO COUNTY INFLUENZA SURVEILLANCE

## 2019-20 SEASON

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*AS OF WEEK 14 (ENDING 4/4/2020)*



# CURRENT UPDATE

Reported Since July 1, 2019



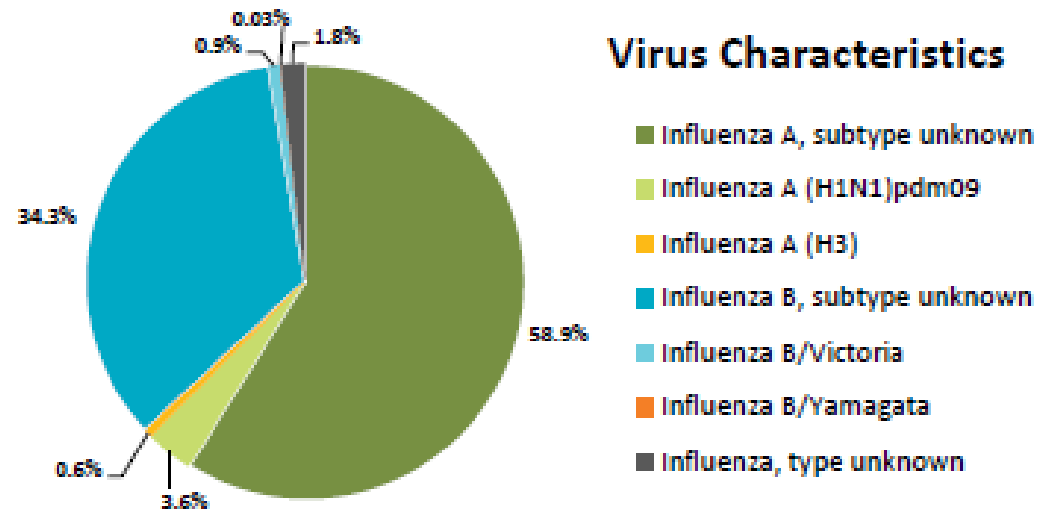
## TOTAL REPORTED INFLUENZA CASES

# N=20,591

**105** Flu Deaths

**0** Pediatric Deaths

**60** Outbreaks



# INFLUENZA SURVEILLANCE UPDATE, 2019-20 YTD



**Table 1. Influenza Surveillance Indicators.**

| Indicator  | 2019-20 Season |         |               | 2018-19 Season |               |              | Prior 3-Year Average* |               |              |
|--|----------------|---------|---------------|----------------|---------------|--------------|-----------------------|---------------|--------------|
|  | Week 14        | Week 13 | Total to Date | Week 14        | Total To Date | Season Total | Week 14               | Total To Date | Season Total |
| All influenza detections reported (rapid or PCR)             | 21             | 90      | 20,591        | 331            | 8,761         | 9,655        | 222                   | 11,487        | 12,110       |
| Percent of emergency department visits for ILI               | 6%             | 7%      |               | 4%             |               |              | 3%                    |               |              |
| Percent of deaths registered with pneumonia and/or influenza | 11%            | 7%      |               | 6%             |               |              | 7%                    |               |              |
| Number of influenza-related outbreaks**                      | 0              | 2       | 60            | 2              | 23            | 25           | 1                     | 58            | 59           |
| Number of influenza-related deaths reported^                 | 2              | 5       | 105           | 4              | 60            | 77           | 5                     | 159           | 169          |

Influenza season is July 1 – June 30, Weeks 27-26. Previous weeks case counts or percentages may change due to delayed processing or reporting.

\*Includes FYs 2016-17, 2017-18, and 2018-19.

\*\*At least one case of laboratory-confirmed influenza in a setting experiencing two or more cases of influenza like illness (ILI) within a 72-hour period.

Total confirmed influenza outbreaks in prior seasons: 25 in 2018-19, 119 in 2017-18, and 34 in 2016-17.

^Current FY deaths are shown by week of report; by week of death for prior FYs. Total deaths reported in prior seasons: 77 in 2018-19, 343 in 2017-18, and 87 in 2016-17.

# INFLUENZA SURVEILLANCE UPDATE, 2019-20 YTD



**Table 2. Influenza Cases Reported, 2019-2020 Season\***

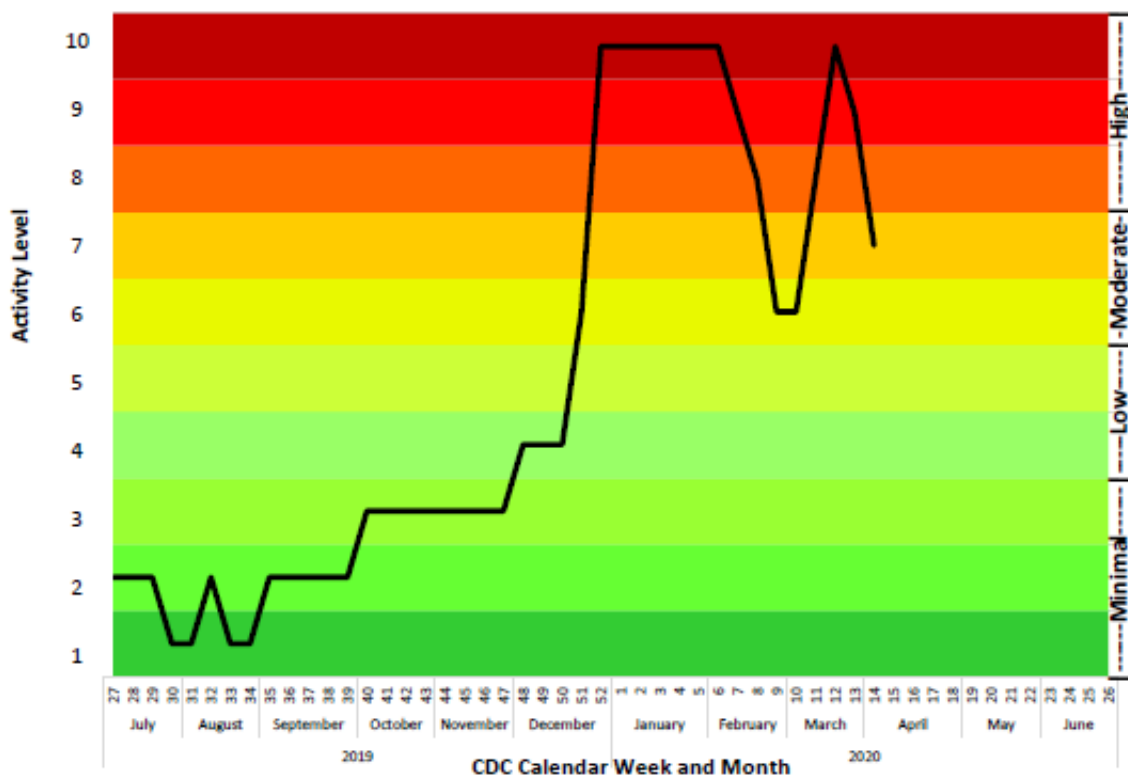
| Positive Test Type/Subtype   | Week 14   | Week 13   | Total to Date | Percent to Date |
|------------------------------|-----------|-----------|---------------|-----------------|
| Influenza A, subtype unknown | 10        | 46        | 12,135        | 58.9%           |
| Influenza A (H1N1)pdm09      | 0         | 13        | 731           | 3.6%            |
| Influenza A (H3)             | 1         | 3         | 122           | 0.6%            |
| Influenza B, subtype unknown | 9         | 25        | 7,053         | 34.3%           |
| Influenza B/Victoria         | 0         | 0         | 181           | 0.9%            |
| Influenza B/Yamagata         | 0         | 0         | 6             | 0.03%           |
| Influenza, type unknown      | 1         | 3         | 363           | 1.8%            |
| <b>Total</b>                 | <b>21</b> | <b>90</b> | <b>20,591</b> | <b>100.0%</b>   |

\*Season is July 1- June 30, Weeks 27-26.

# INFLUENZA SURVEILLANCE UPDATE, 2019-20 YTD



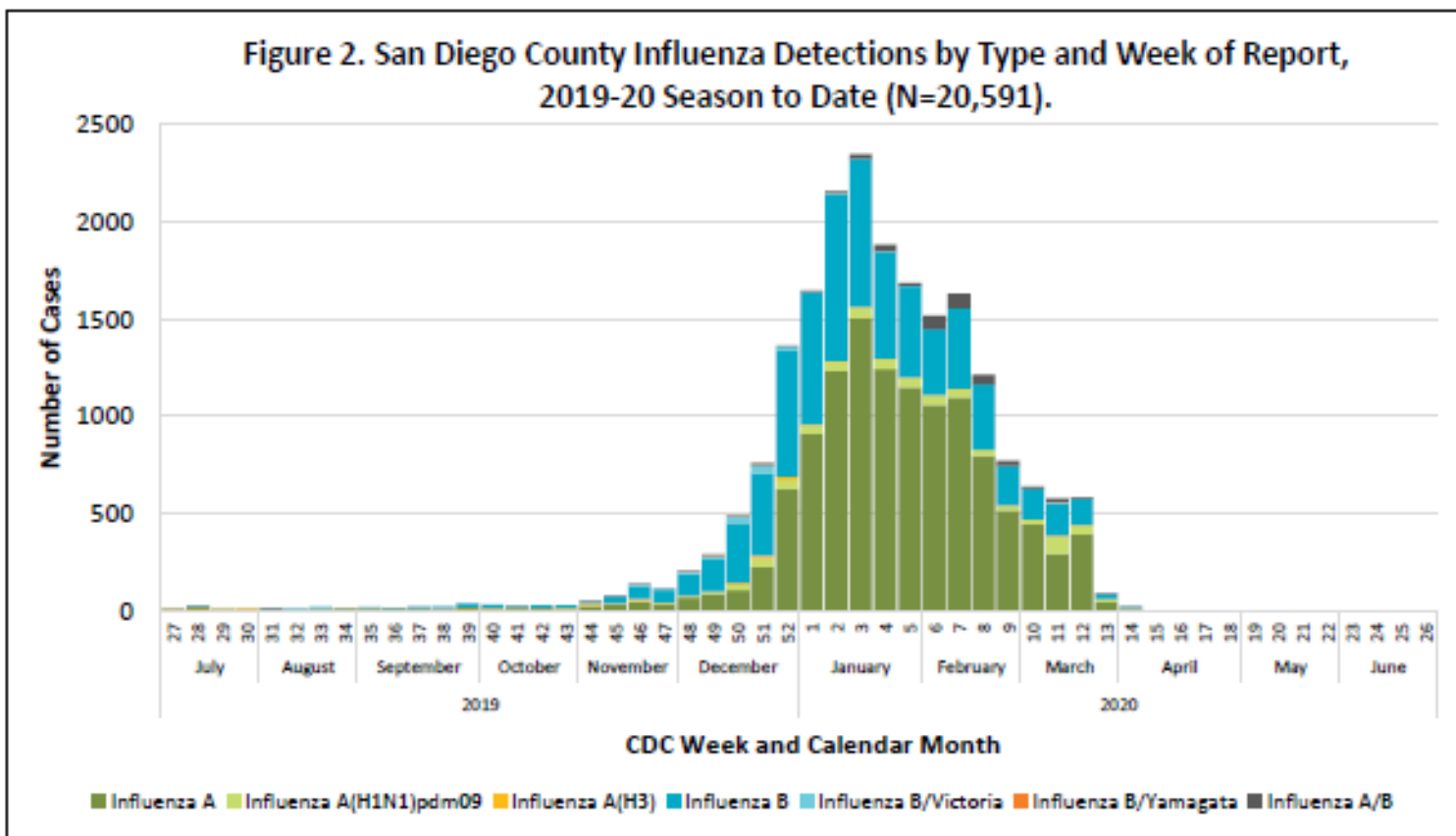
Figure 1. Activity Level of Emergency Department Influenza-Like Illness (ILI), 2019-20 Season to Date.



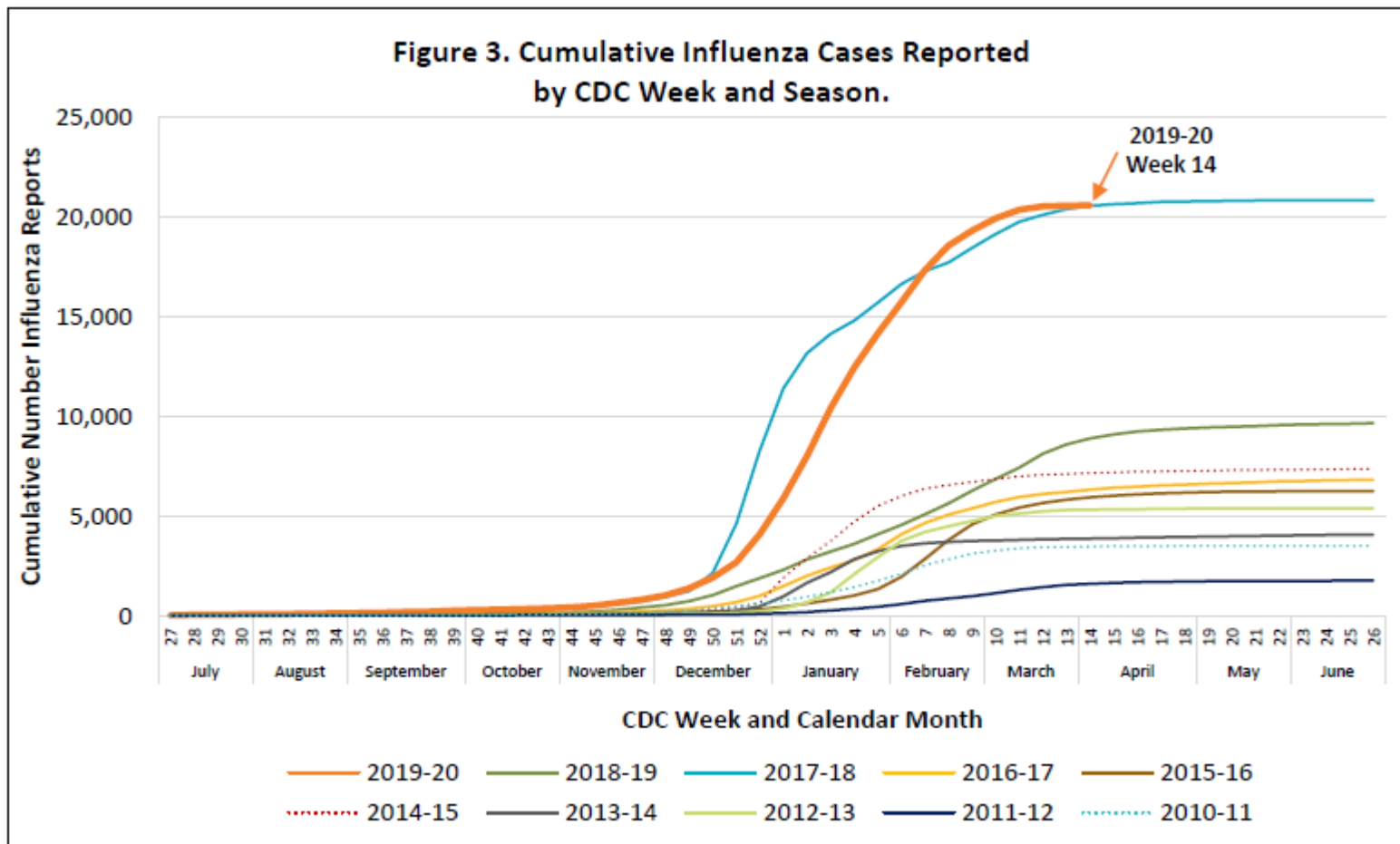
**Legend**

|  | Minimal |   |  | Low                                      |  | Moderate                                 |  | High                                     |  |                                   |
|--|---------|---|--|--|--|--|--|--|--|-----------------------------------|
|  | LEVEL 1 | LEVEL 2                                     | LEVEL 3                                  | LEVEL 4                                  | LEVEL 5                                  | LEVEL 6                                  | LEVEL 7                                  | LEVEL 8                                  | LEVEL 9                                  | LEVEL 10                          |
|  | < mean  | ≥ mean and <1 standard deviation above mean | ≥1 and <2 standard deviations above mean | ≥2 and <3 standard deviations above mean | ≥3 and <4 standard deviations above mean | ≥4 and <5 standard deviations above mean | ≥5 and <6 standard deviations above mean | ≥6 and <7 standard deviations above mean | ≥7 and <8 standard deviations above mean | ≥8 standard deviations above mean |

# INFLUENZA SURVEILLANCE UPDATE, 2019-20 YTD



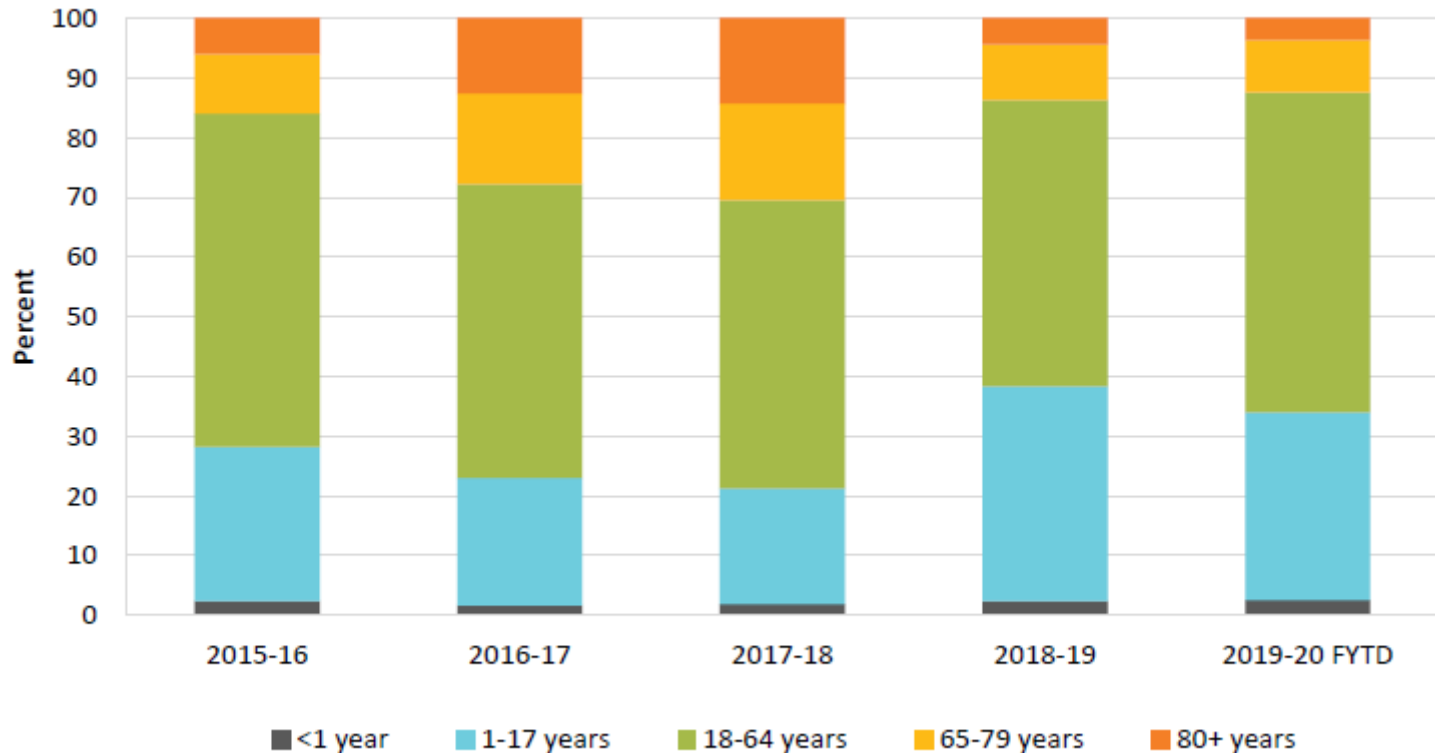
# INFLUENZA SURVEILLANCE UPDATE, 2019-20 YTD



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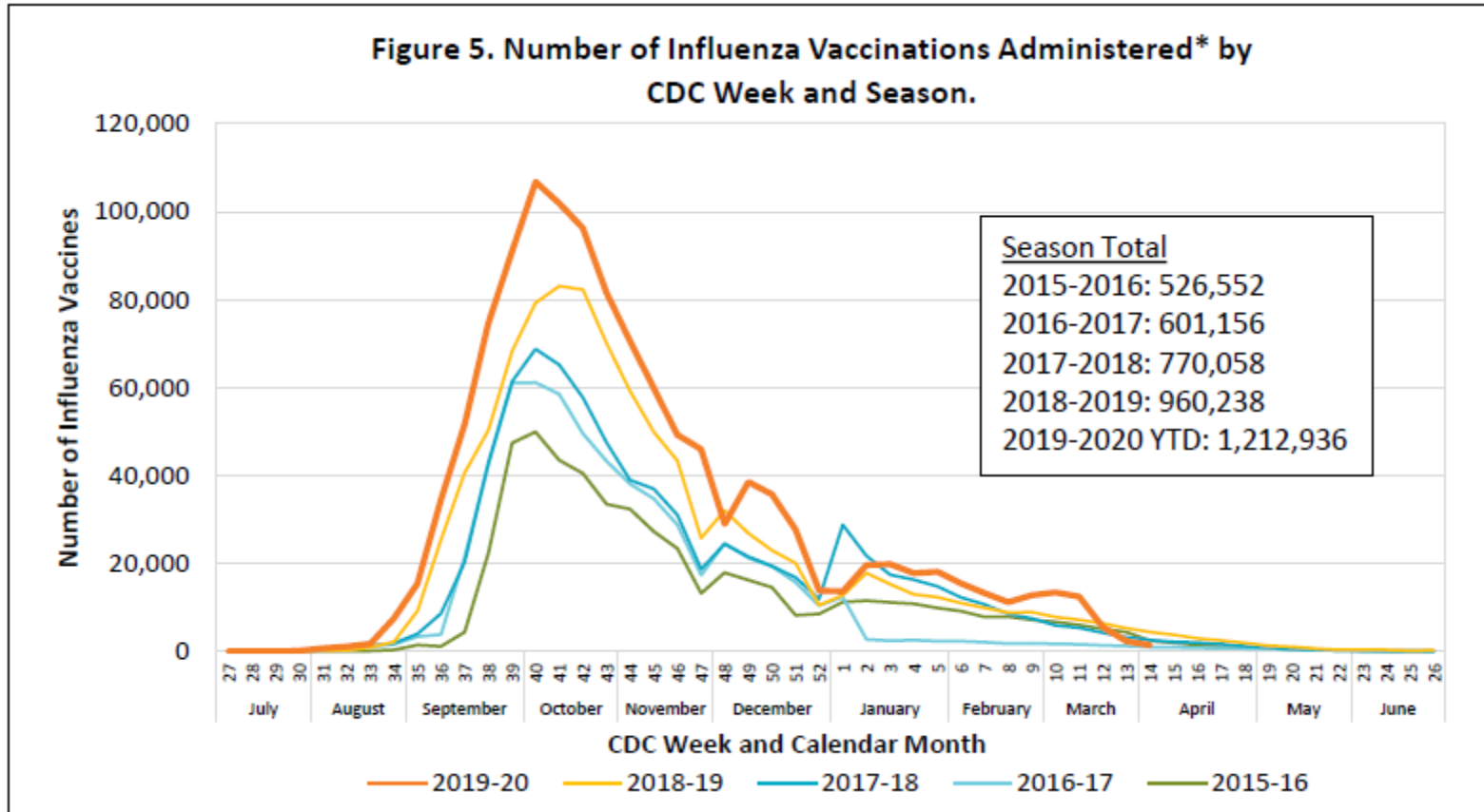


**Figure 4. Proportion of Influenza Cases by Age Group and Season.**





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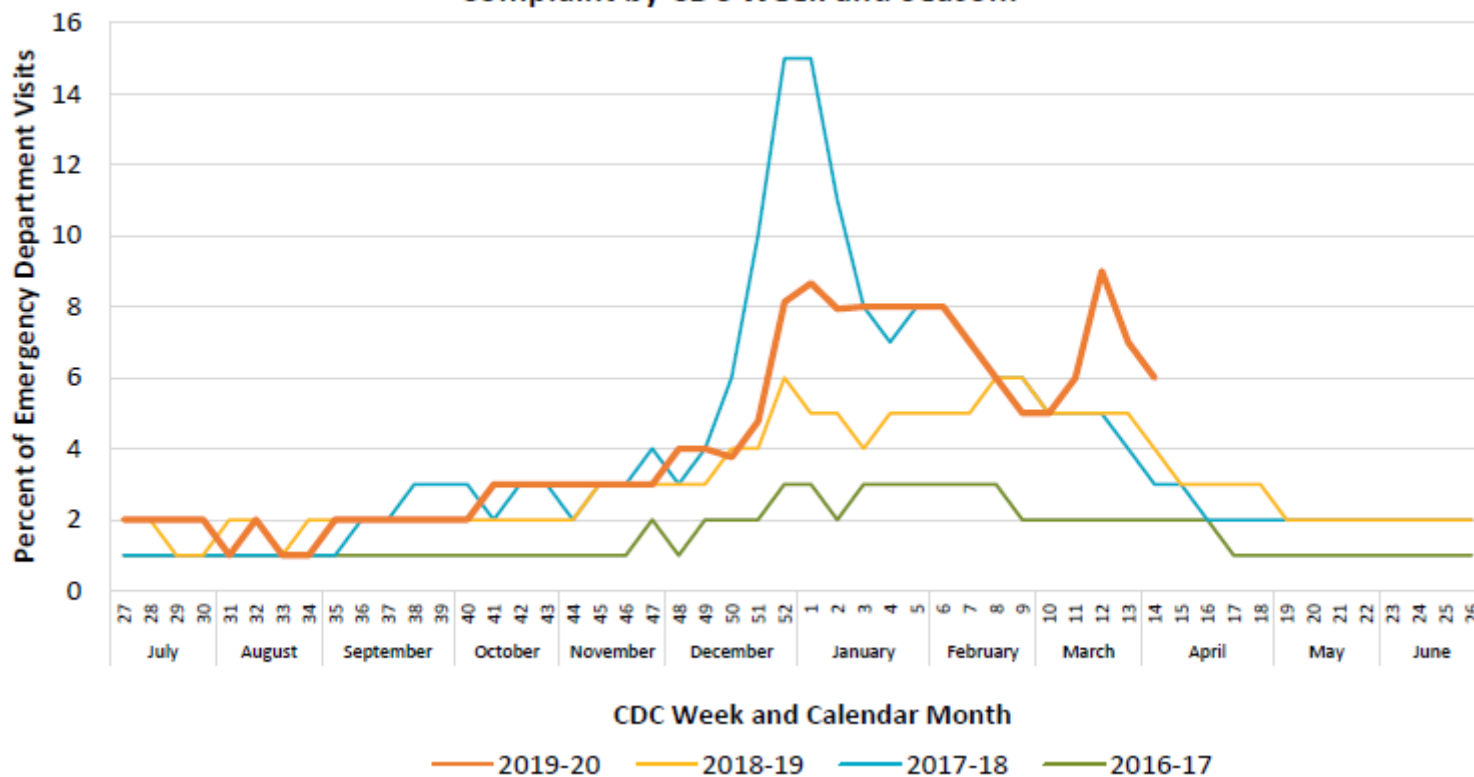


\* Influenza vaccinations administered and entered into the San Diego Immunization Registry ([SDIR](#))

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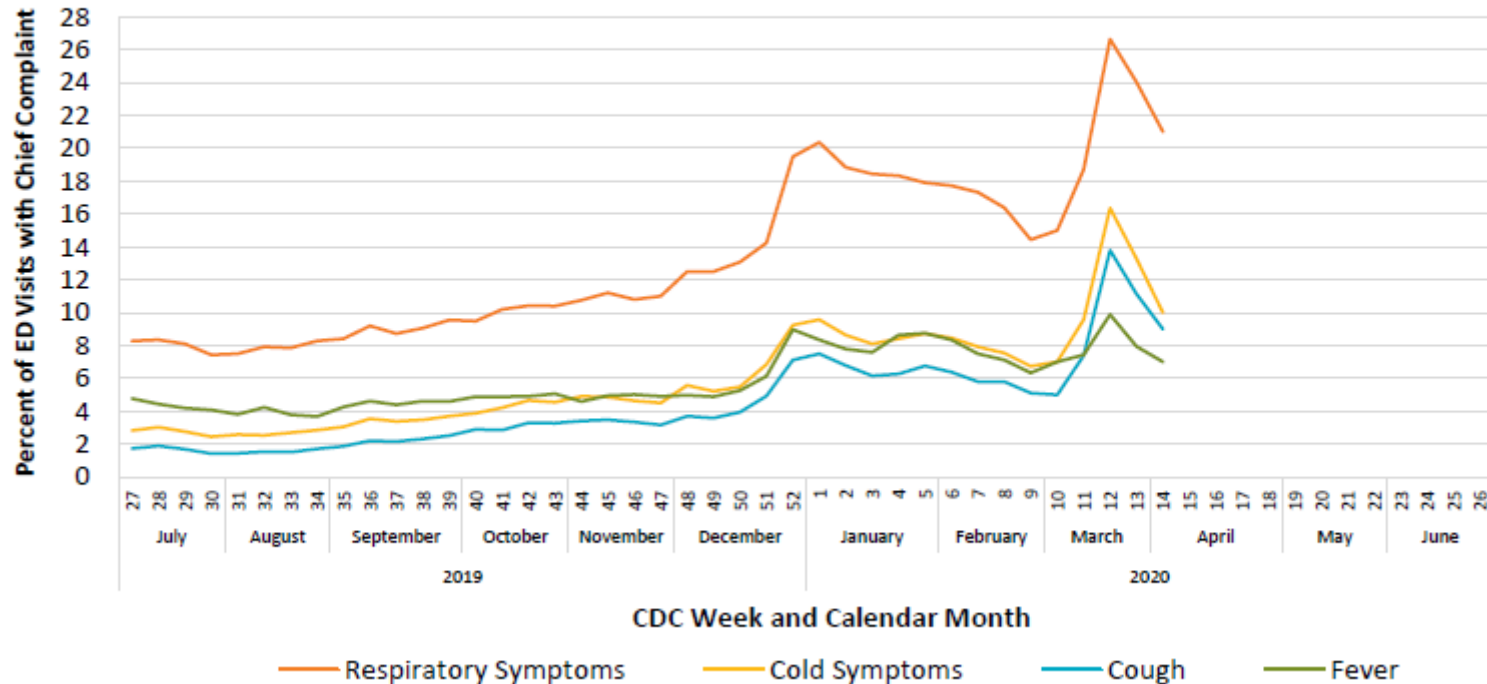
**Figure 6. Percent of Emergency Department Visits for ILI Chief Complaint by CDC Week and Season.**



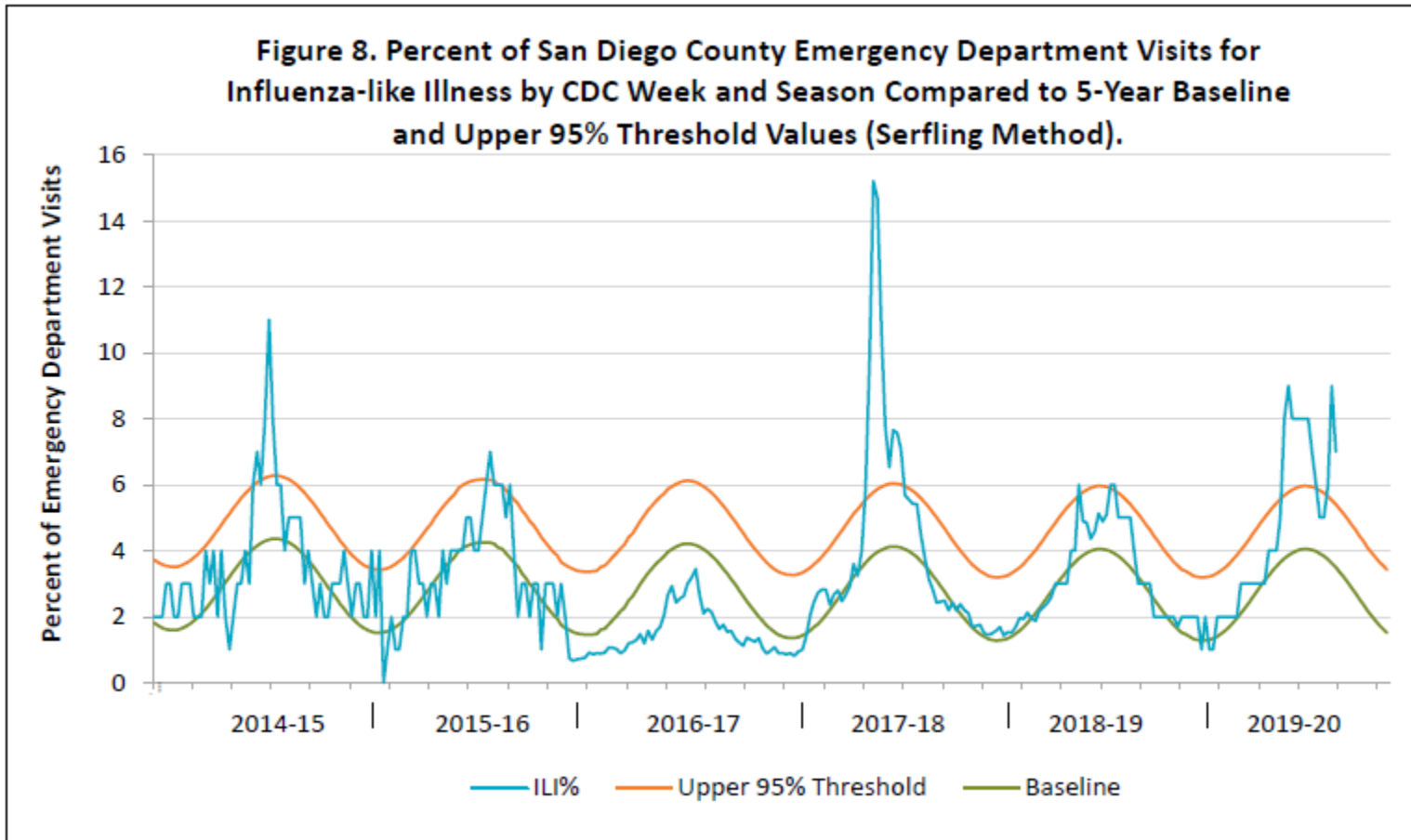
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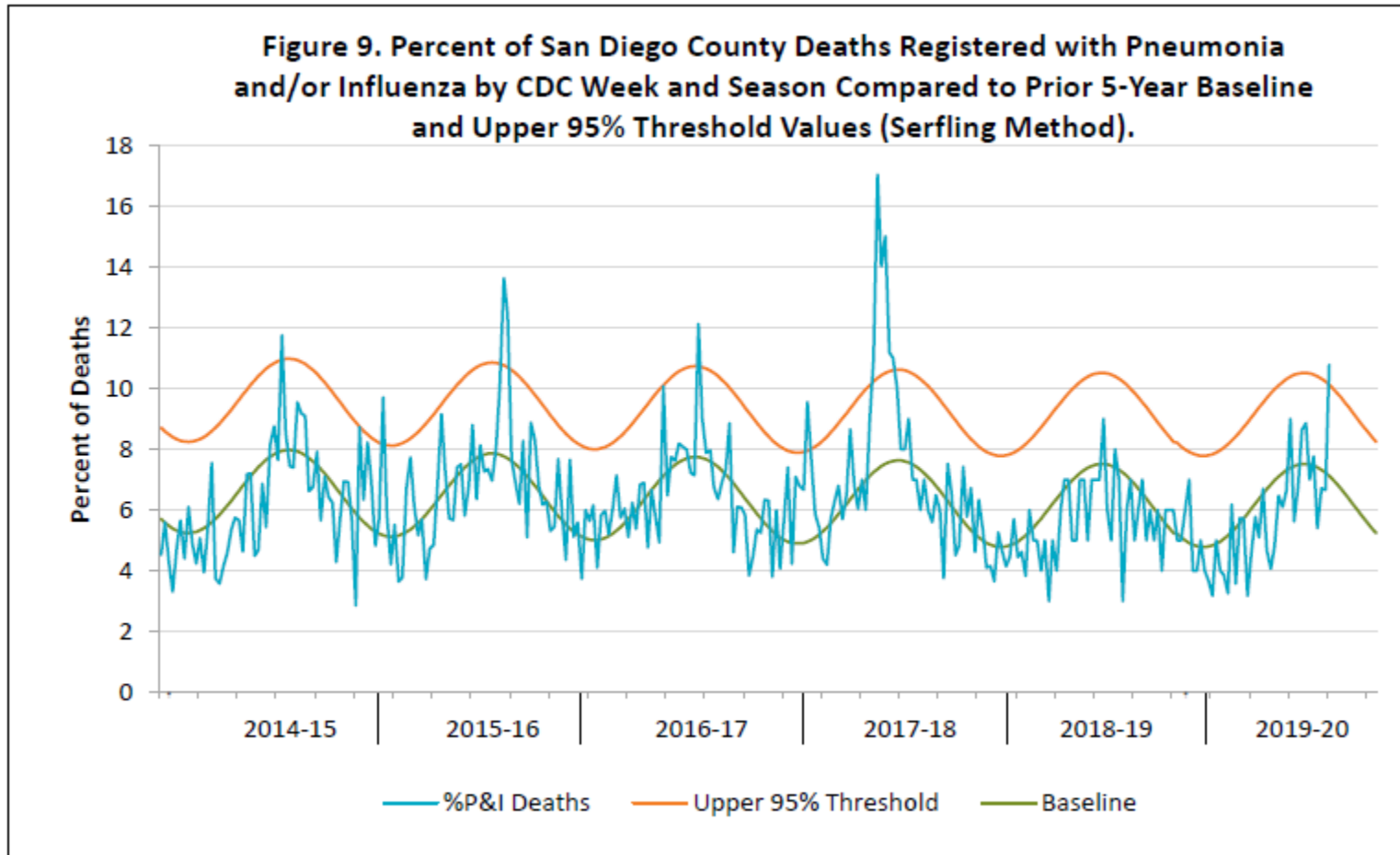
**Figure 7. Percent of Emergency Department Visit Chief Complaints for Cough, Cold, Fever, or Respiratory Symptoms\* by CDC Week, 2019-20 Season to Date.**



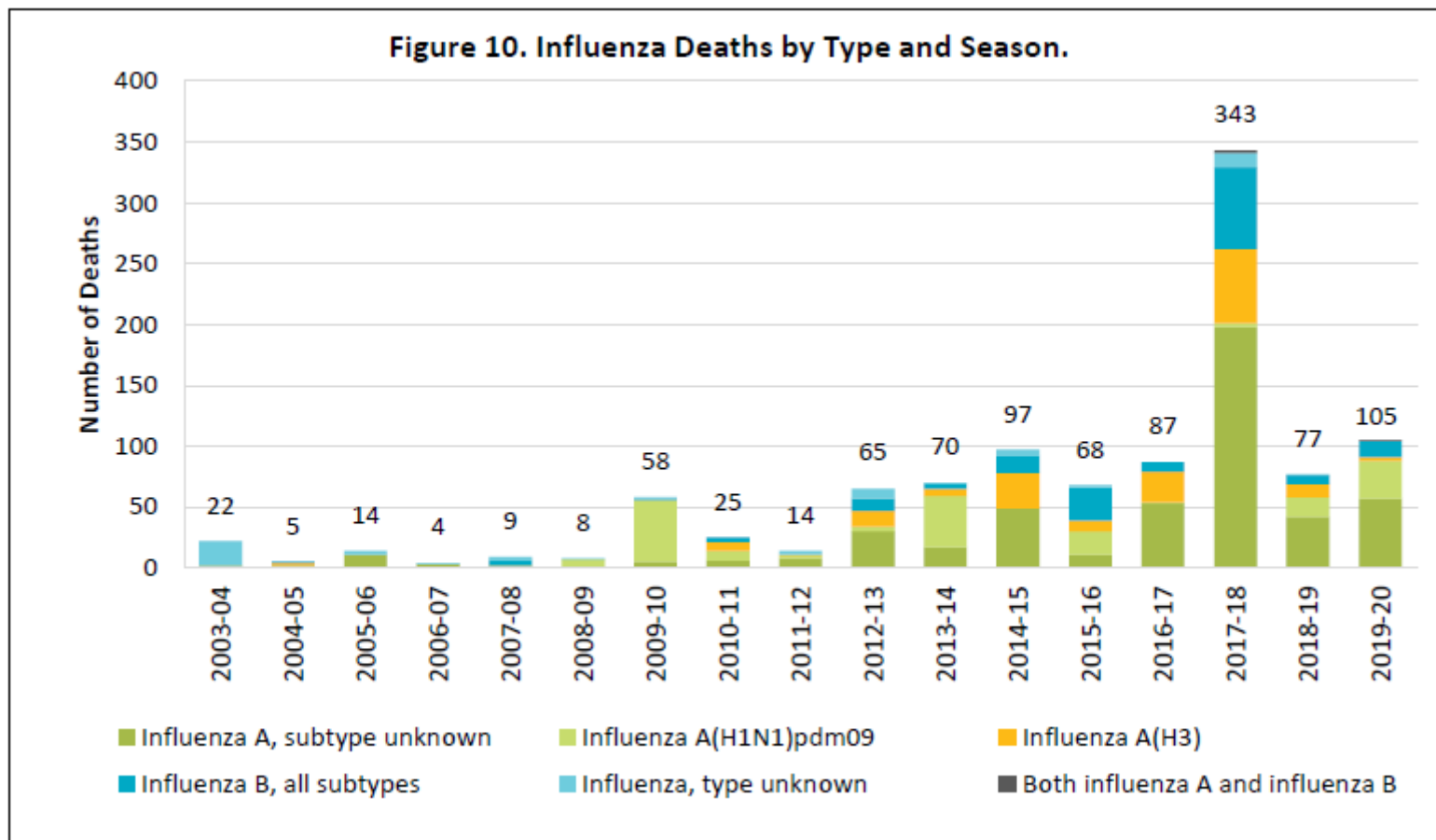
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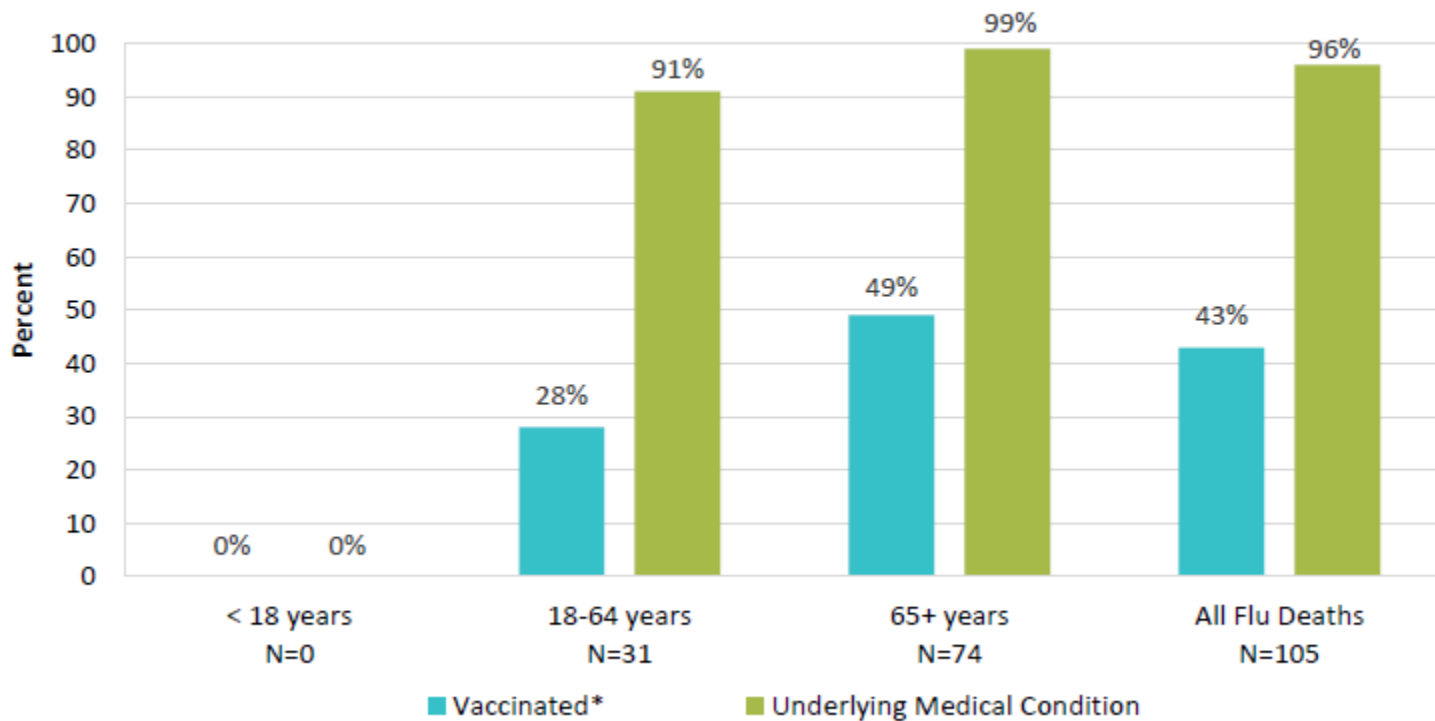
# INFLUENZA SURVEILLANCE UPDATE, 2019-20 YTD



# INFLUENZA SURVEILLANCE UPDATE, 2019-20 YTD



**Figure 11. Percent of Influenza Deaths by Age Group, Vaccination Status, and Underlying Medical Condition, 2019-20 Season.**



\* known to be vaccinated

# INFLUENZA SURVEILLANCE UPDATE, 2019-20 YTD



LIVE WELL  
SAN DIEGO

## STOP THE SPREAD OF GERMS

Help prevent the spread of respiratory diseases like COVID-19.

- Avoid close contact with people who are sick.
- Cover your cough or sneeze with a tissue, then throw the tissue in the trash.
- Clean and disinfect frequently touched objects and surfaces.
- Wash your hands often with soap and water for at least 20 seconds.
- Avoid touching your eyes, nose, and mouth.
- Stay home when you are sick, except to get medical care.

cdc.gov/COVID19

3/18/20 - A. March 16, 2020 1:02 PM

4/8/2020

Preliminary Results

Data Source: San Diego County Communicable Disease Registry

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