



LIVE WELL  
SAN DIEGO

# San Diego County 2024-25 Respiratory Virus Annual Surveillance Summary

Prepared by Epidemiology and Immunization Services Branch

[www.sdepi.org](http://www.sdepi.org)

October 9, 2025

## COVID-19

Cases

29,587

Deaths

281

Outbreaks\*

246

6/30/2024 – 6/28/2025

## Influenza

Cases

39,486

Deaths

220

Outbreaks\*

93

6/30/2024 – 6/28/2025

## RSV

Cases

5,748

Deaths

19

Outbreaks\*

6

6/30/2024 – 6/28/2025

\*In residential congregate settings

### Report Content Links

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- Page 3: [COVID-19, Influenza, and RSV Cases by Episode Week, Fiscal Year](#)
- Page 4: [Cumulative COVID-19, Influenza, and RSV Cases](#)
- Page 5: [COVID-19, Influenza, and RSV Hospital Census](#)
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*Data are preliminary and may change due to delayed reporting and additional information obtained during investigations.*

Most data in this report are presented by fiscal year, which runs July 1–June 30. Because data are also presented by CDC disease week, which runs Sunday–Saturday, we start the data for 2024-25 on June 30, 2024.

The purpose of the **Respiratory Virus Surveillance Report** is to summarize current COVID-19, RSV, and influenza surveillance in San Diego County. Additional information on COVID-19, RSV, and influenza reporting, resources, data sources, and definitions can be found in the [Supplemental Information](#) document. A link to subscribe to this report is available via the Epidemiology Unit [website](#).

Visit the Respiratory Viruses Data and Reports [website](#) and the COVID-19 in San Diego County [website](#) to see additional data.

Epidemiology and Immunization Services Branch

[www.sdepi.org](http://www.sdepi.org)

(619) 692-8499



# Respiratory Virus Annual Surveillance Summary

Data through 6/28/2025



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## COVID-19, Influenza, and RSV Fiscal Year Overview

Table 1. Respiratory Surveillance Indicators

Indicator	2024-25 Fiscal Year		2023-24 Fiscal Year		Prior Years Average*
CASES					
COVID-19 <sup>†</sup>	29,587		48,996		276,461
Influenza	39,486		19,035		13,301
RSV	5,748		5,918		3,541
DEATHS <sup>‡</sup>					
COVID-19	281		363		1,508
Influenza	220		63		44
RSV	19		24		12
OUTBREAKS <sup>§</sup>					
COVID-19	246		488		508
Influenza	93		32		23
RSV	6		10		3

FY 2024-25 is 6/30/2024 - 6/28/2025, Weeks 27-26. Previous weeks' case counts or percentages may change due to delayed processing or reporting.

\*Includes FYs 2019-20, 2020-21, 2021-22, 2022-23, and 2023-24 for influenza and 2020-21, 2021-22, 2022-23, and 2023-24 for COVID-19 and RSV.

<sup>†</sup>Confirmed and probable COVID-19 cases.

<sup>‡</sup>Current FY deaths are shown by week of report; prior FY deaths are shown by week of death.

<sup>§</sup>See the [Supplemental Information](#) document for outbreak definitions. Includes only outbreaks occurring in skilled nursing facilities and other residential congregate settings.



# Respiratory Virus Annual Surveillance Summary



## COVID-19, Influenza, and RSV Cases by CDC Episode Week,\* 2024-25 Fiscal Year

Figure 1.1. San Diego County **COVID-19** Confirmed and Probable Cases (N=29,587)

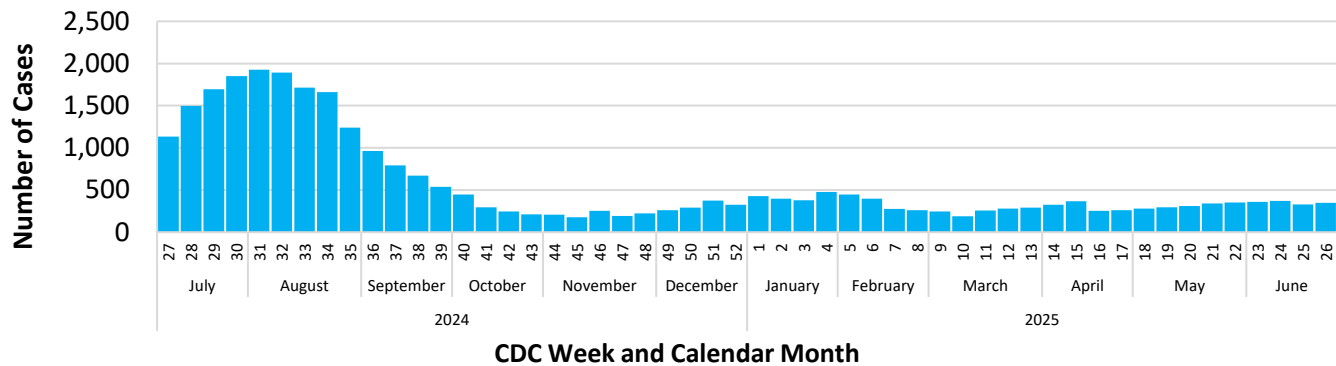


Figure 1.2. San Diego County **Influenza** Cases (N=39,486)

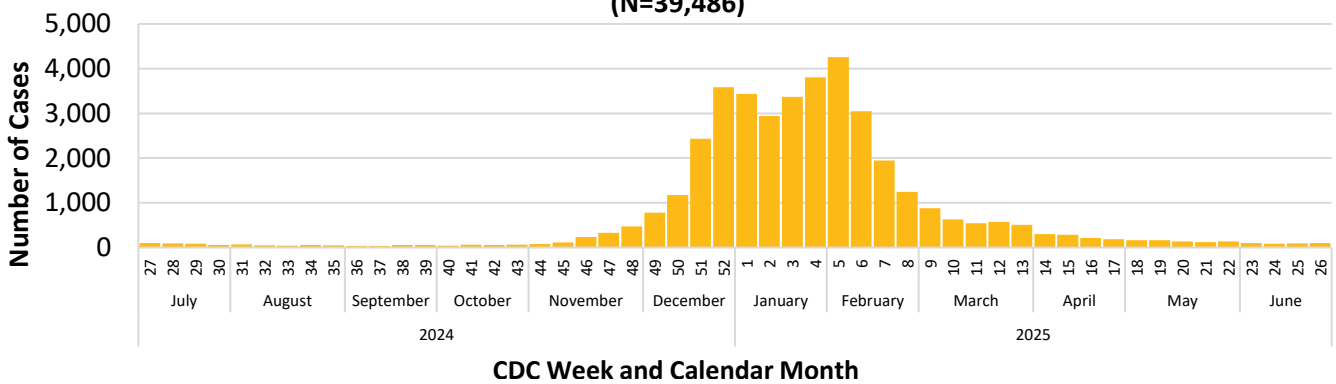
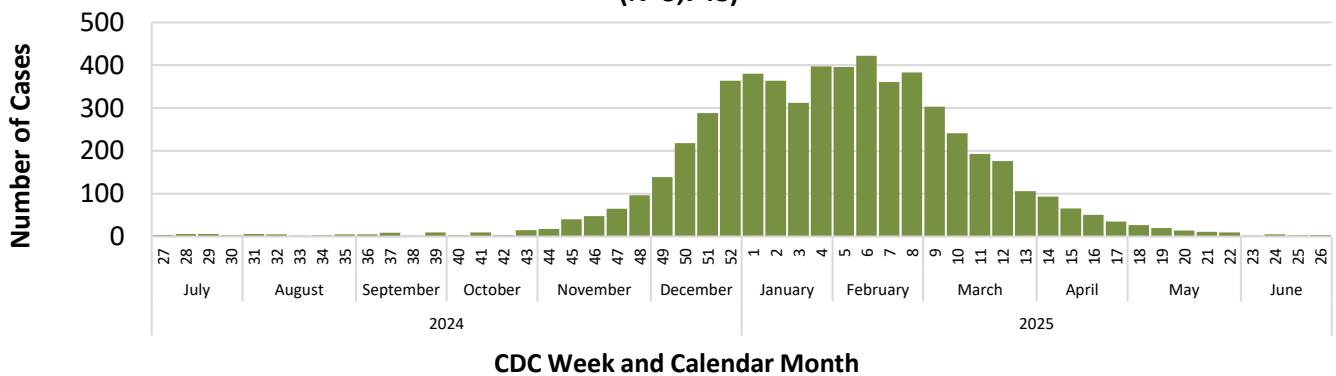


Figure 1.3. San Diego County **RSV** Cases (N=5,748)



\*Episode date is the earliest available of symptom onset date, specimen collection date, date of death, date reported. Data for the most recent week may be incomplete.



# Respiratory Virus Annual Surveillance Summary



## Cumulative COVID-19, Influenza, and RSV Cases by CDC Episode Week\* and Fiscal Year

2024-25    2023-24    2022-23    2021-22    2020-21

Figure 2.1. Cumulative COVID-19 Confirmed and Probable Cases

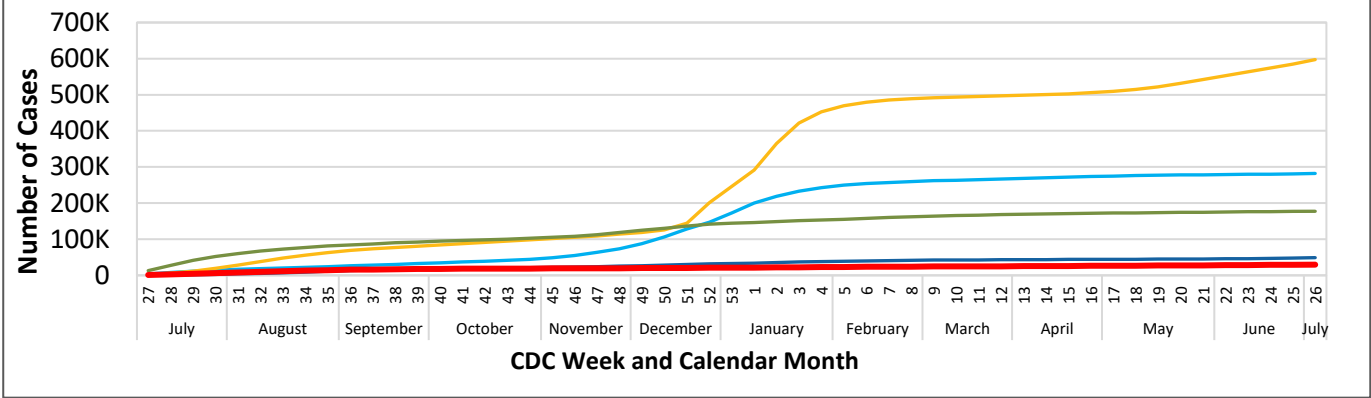


Figure 2.2. Cumulative Influenza Cases

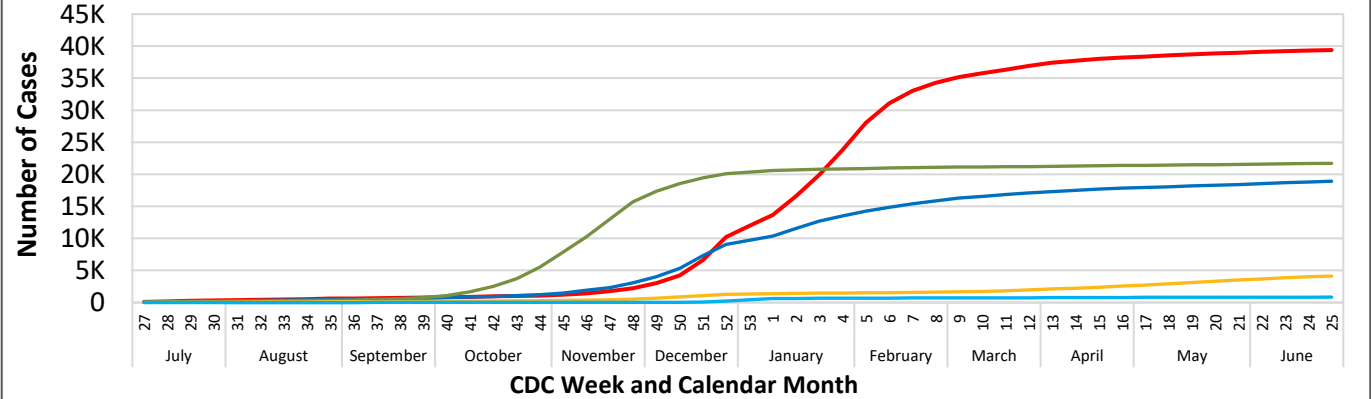
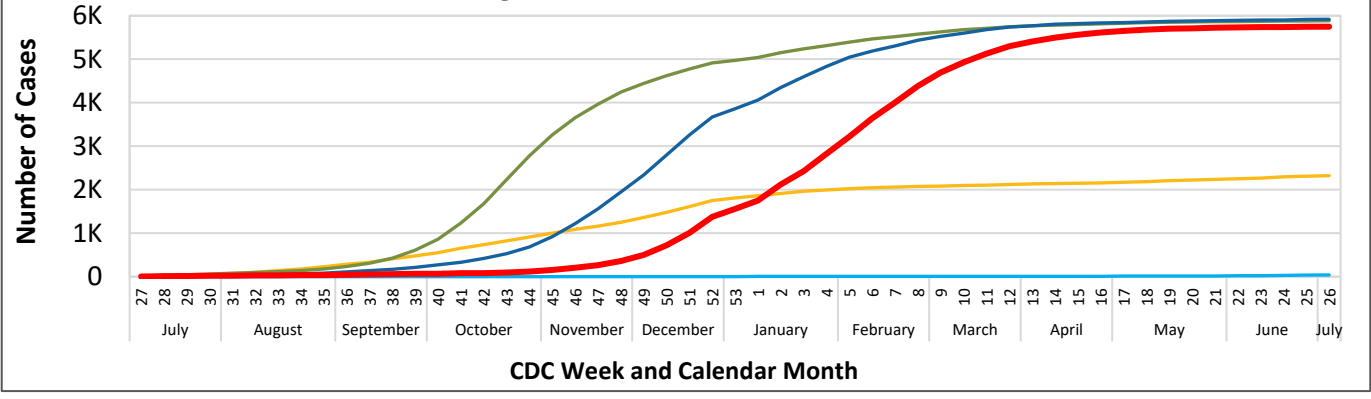


Figure 2.3. Cumulative RSV Cases



\*Episode date is the earliest available of symptom onset date, specimen collection date, date of death, date reported. Data for the most recent week may be incomplete.



# Respiratory Virus Annual Surveillance Summary



## COVID-19, Influenza, and RSV Hospital Census

Figure 3.1. COVID-19-Positive Hospitalized Patients, Weekly Census Snapshot,\* San Diego County

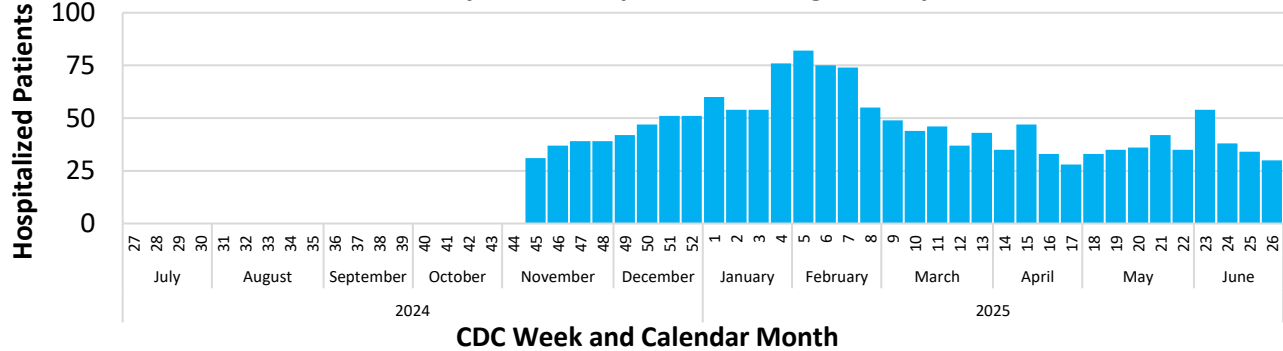


Figure 3.2. Influenza-Positive Hospitalized Patients, Weekly Census Snapshot,\* San Diego County

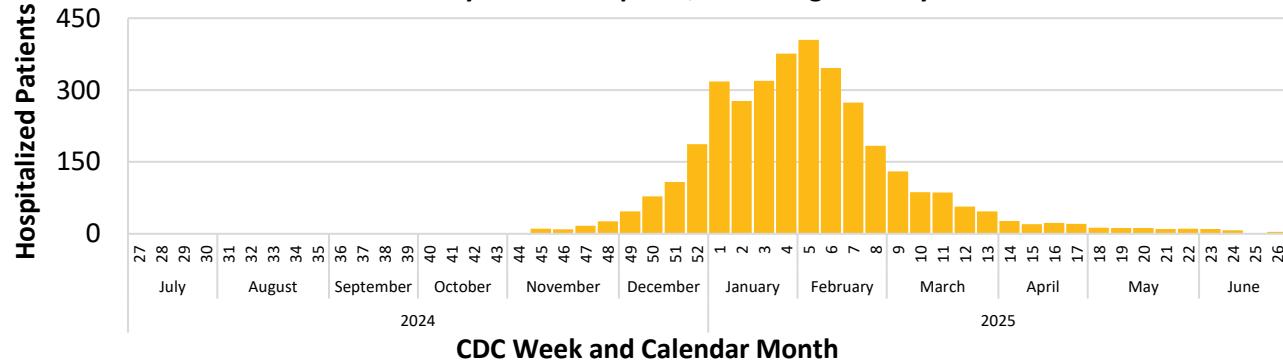
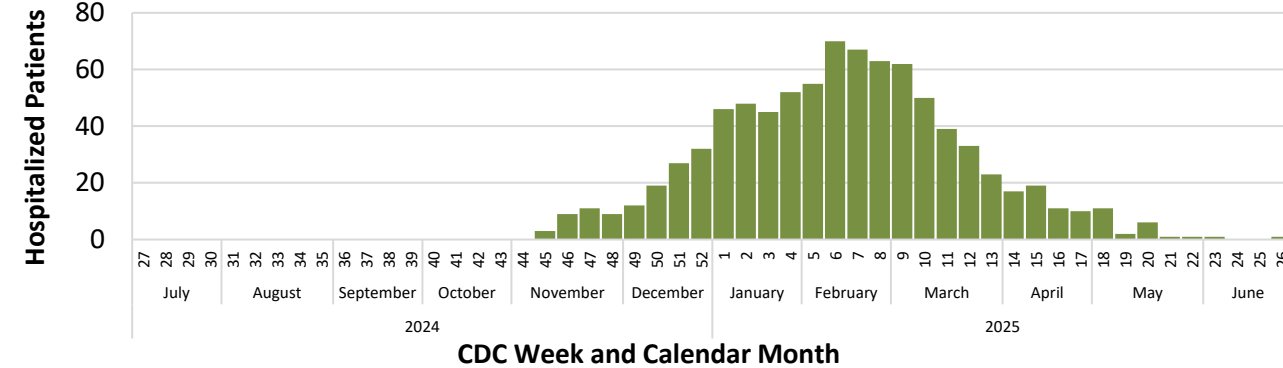


Figure 3.3. RSV-Positive Hospitalized Patients, Weekly Census Snapshot,\* San Diego County



\*A weekly snapshot of the number of people hospitalized for the Wednesday of each week.  
The national reporting mandate expired on April 30, 2024. A new mandate went into effect on November 1, 2024. Data for the interim period are not available.



# Respiratory Virus Annual Surveillance Summary



## Emergency Department Data: Respiratory Symptoms

Figure 4.1. Percent of Emergency Department Visit Chief Complaints for ILI,<sup>†</sup> Respiratory Symptoms, or COVID-like Illness\* by Week

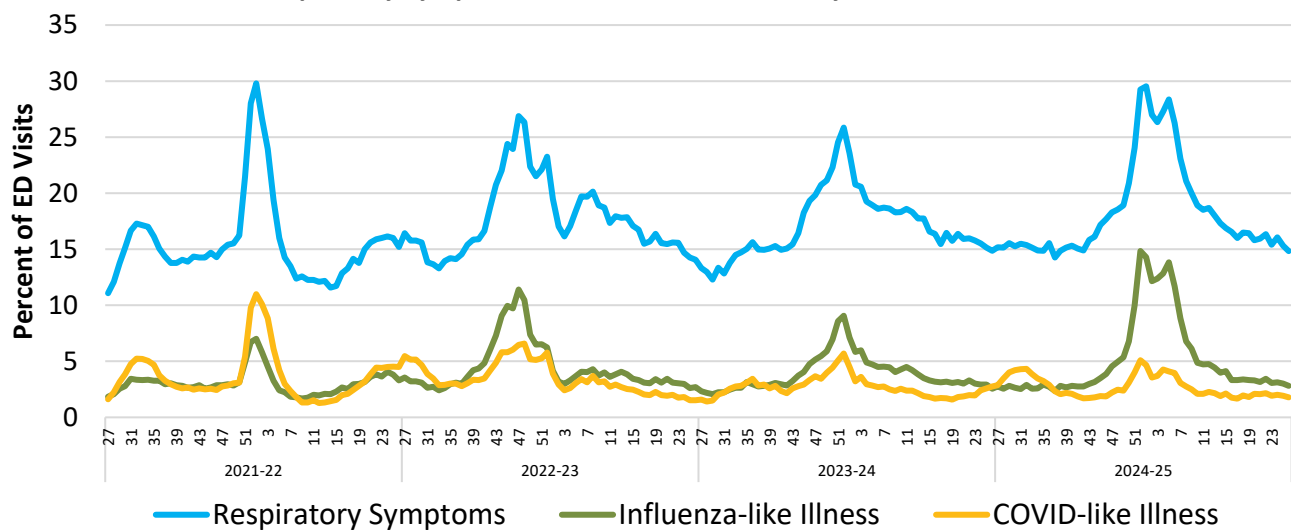
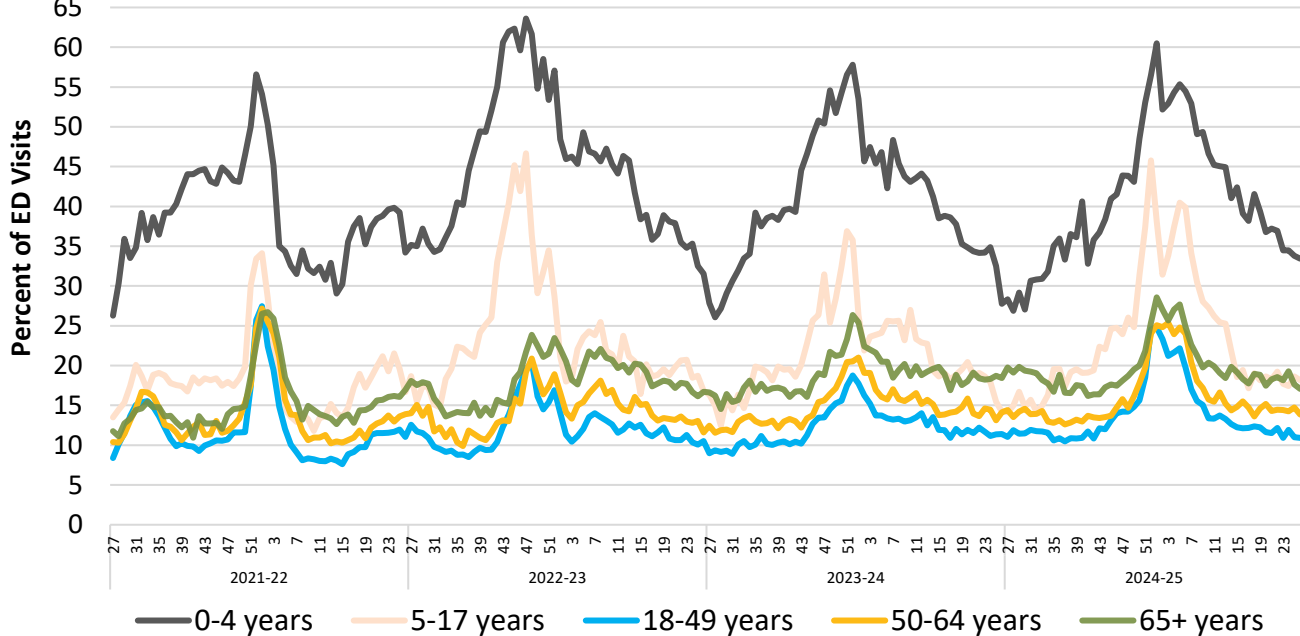


Figure 4.2. Percent of Emergency Department Visit Chief Complaints for Respiratory Symptoms by Age Group and Week



\*COVID-like Illness (CLI) includes fever and cough, shortness of breath, or difficulty breathing OR coronavirus diagnostic codes.

<sup>†</sup>Influenza-like illness (ILI) includes fever plus cough and/or sore throat.

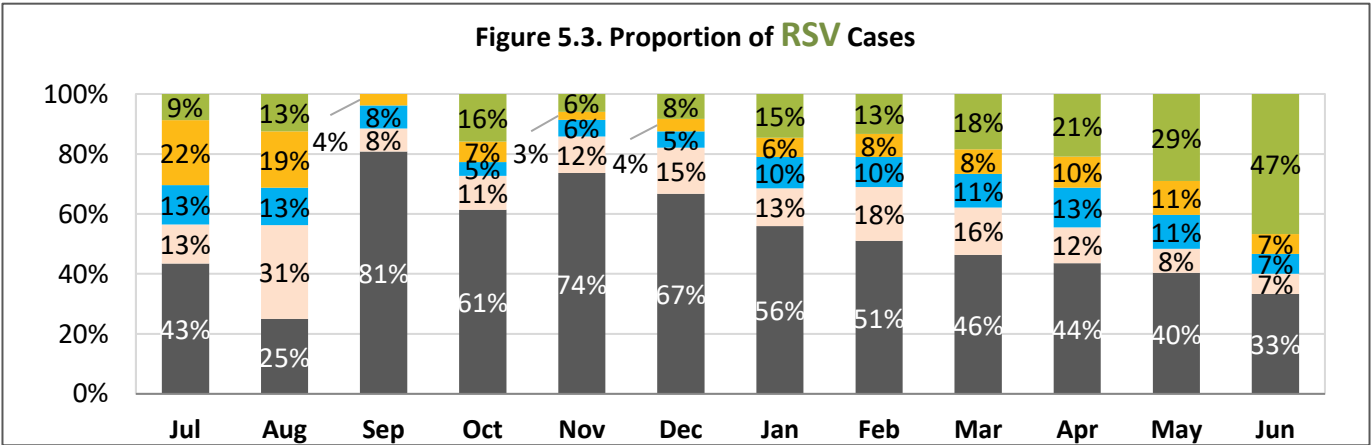
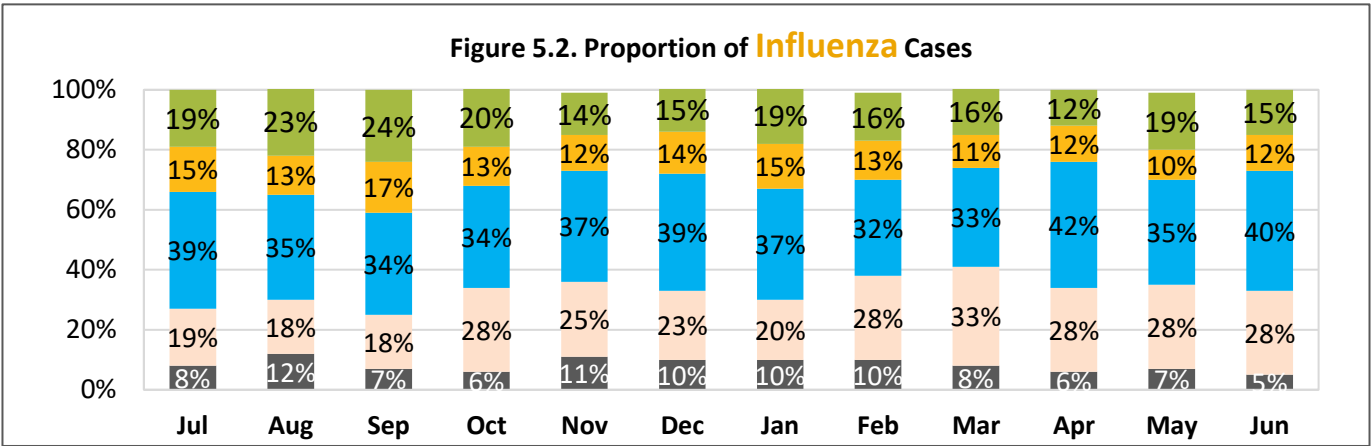
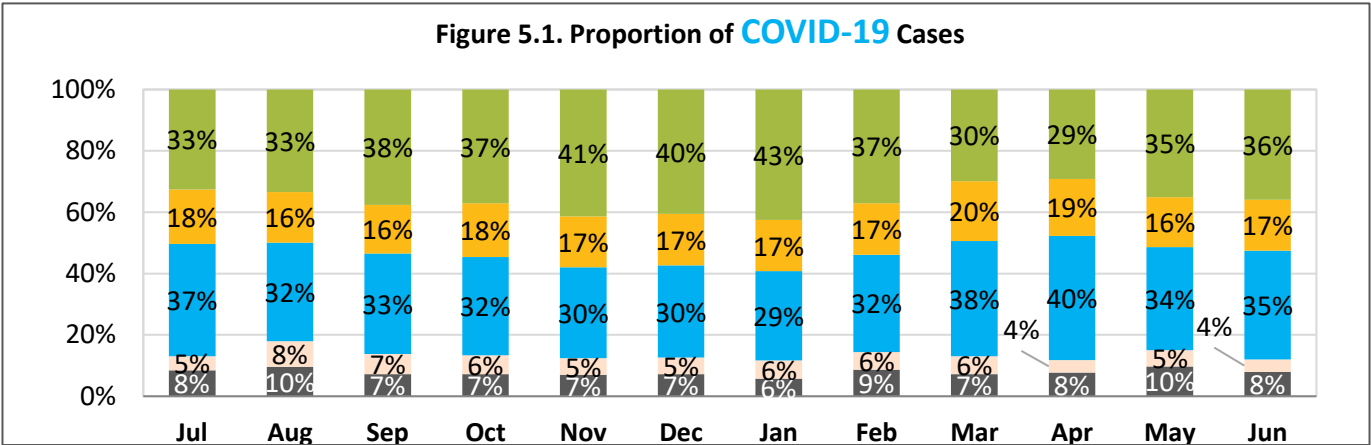


# Respiratory Virus Annual Surveillance Summary



## Proportion of Cases by Age Group and Episode Month, 2024-25 Fiscal Year

0-4 yrs    5-17 yrs    18-49 yrs    50-64 yrs    65+ yrs



Episode date is the earliest available of symptom onset date, specimen collection date, date of death, date reported. Date admitted is not known for all hospitalizations; information may be updated as case investigations proceed.

Data through  
6/28/2025

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# Respiratory Virus Annual Surveillance Summary



## Proportion of Cases by Age Group and Fiscal Year

0-4 yrs    5-17 yrs    18-49 yrs    50-64 yrs    65+ yrs

Figure 6.1. Proportion of COVID-19 Cases by Age Group and Fiscal Year

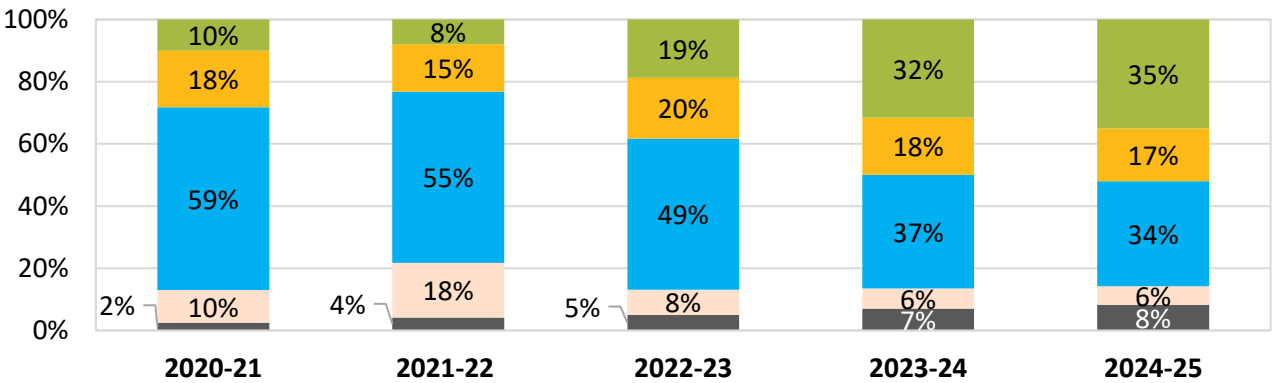


Figure 6.2. Proportion of Influenza Cases by Age Group and Fiscal Year

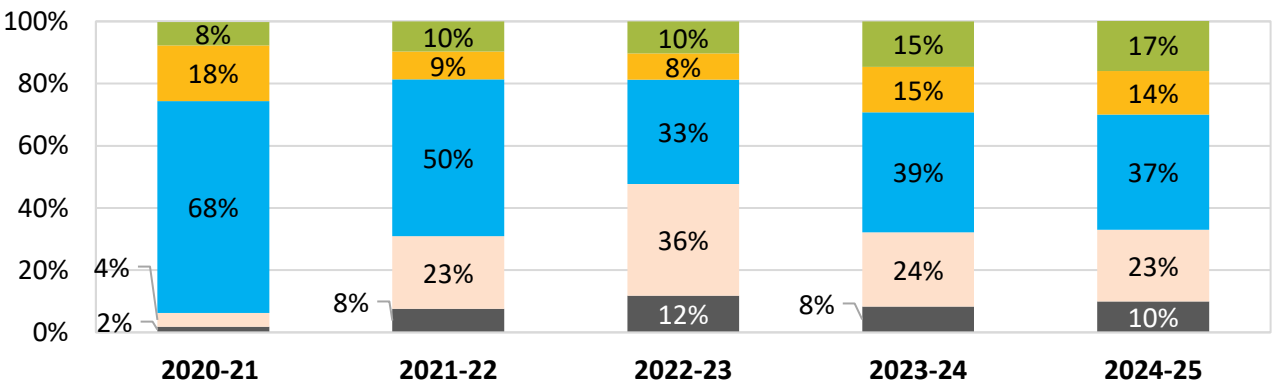
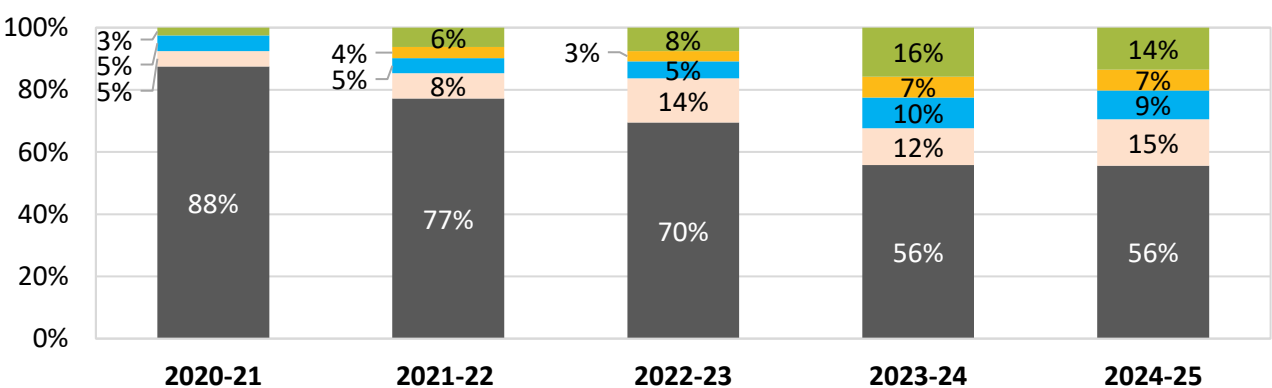


Figure 6.3. Proportion of RSV Cases by Age Group and Fiscal Year



# Respiratory Virus Annual Surveillance Summary



## COVID-19, Influenza, and RSV Positivity

2024-25    2023-24    2022-23    2021-22    2020-21

Figure 7.1. COVID-19 Positivity by Week of Specimen Collection and Fiscal Year

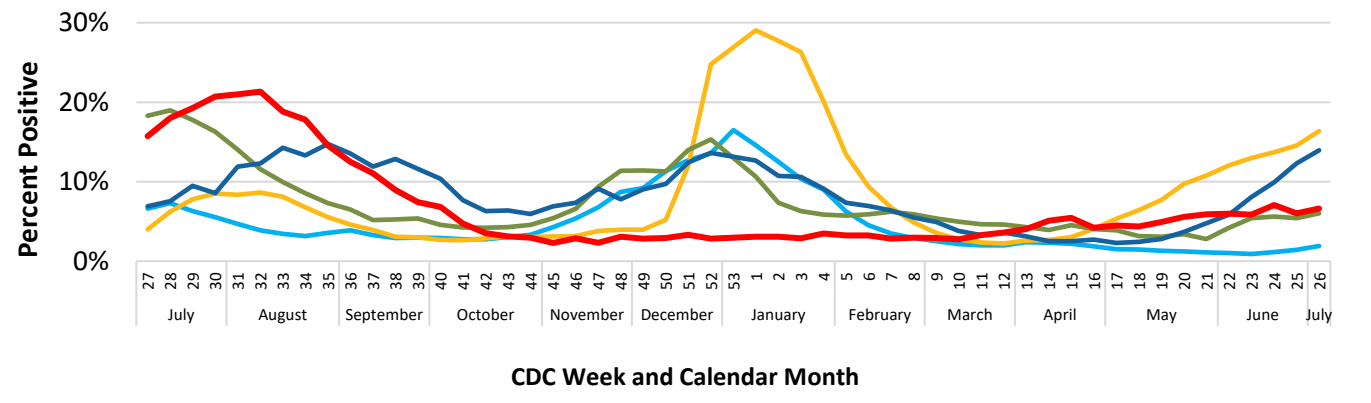


Figure 7.2. Influenza Positivity by Week of Specimen Collection and Fiscal Year

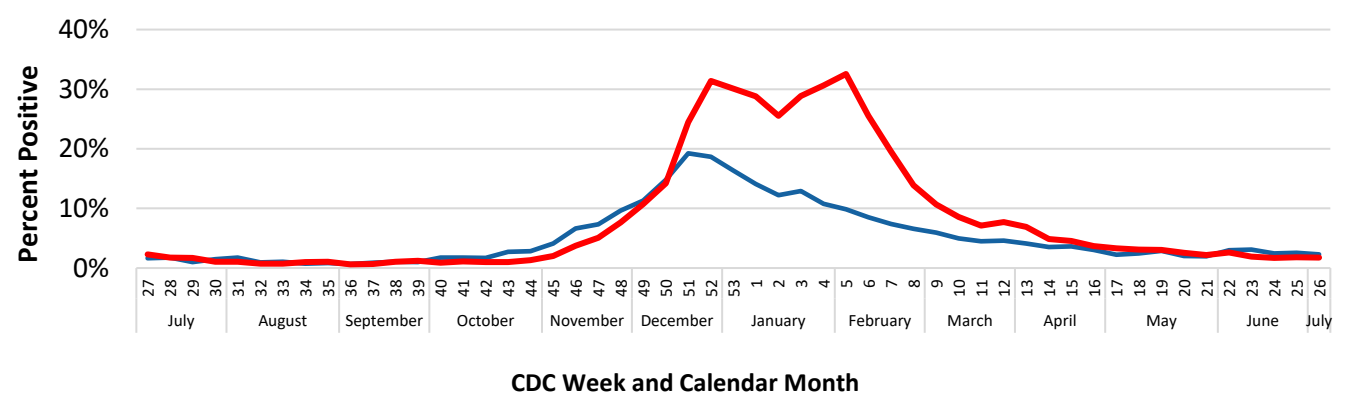
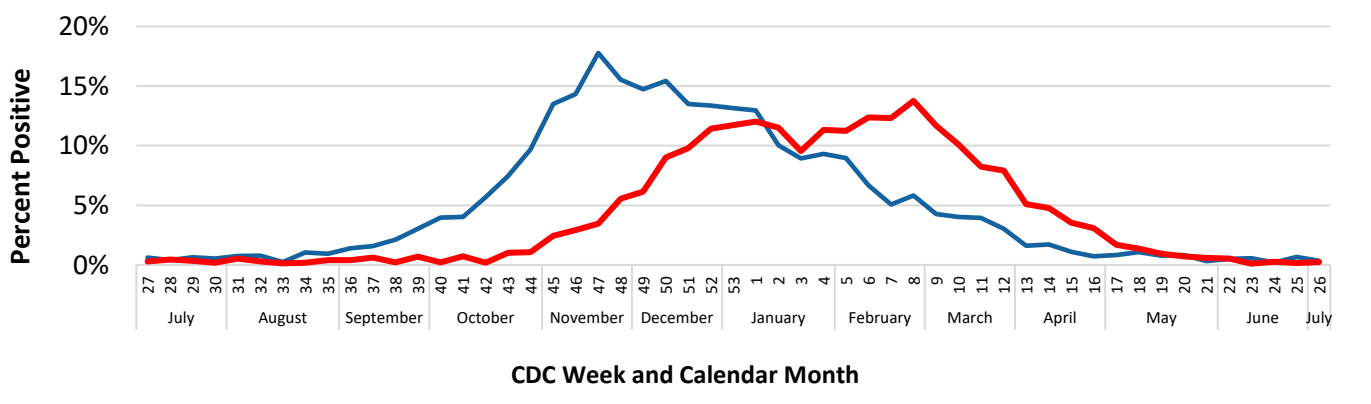


Figure 7.3. RSV Positivity by Week of Specimen Collection and Fiscal Year

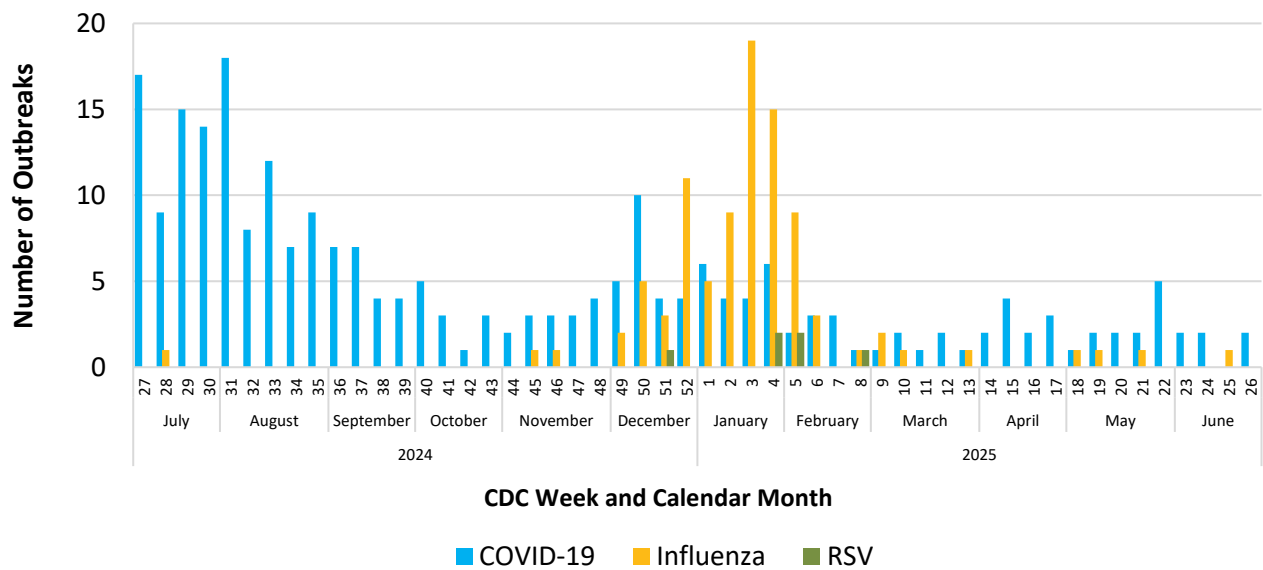


# Respiratory Virus Annual Surveillance Summary



## COVID-19, Influenza, and RSV Outbreaks in Residential Congregate Settings\*

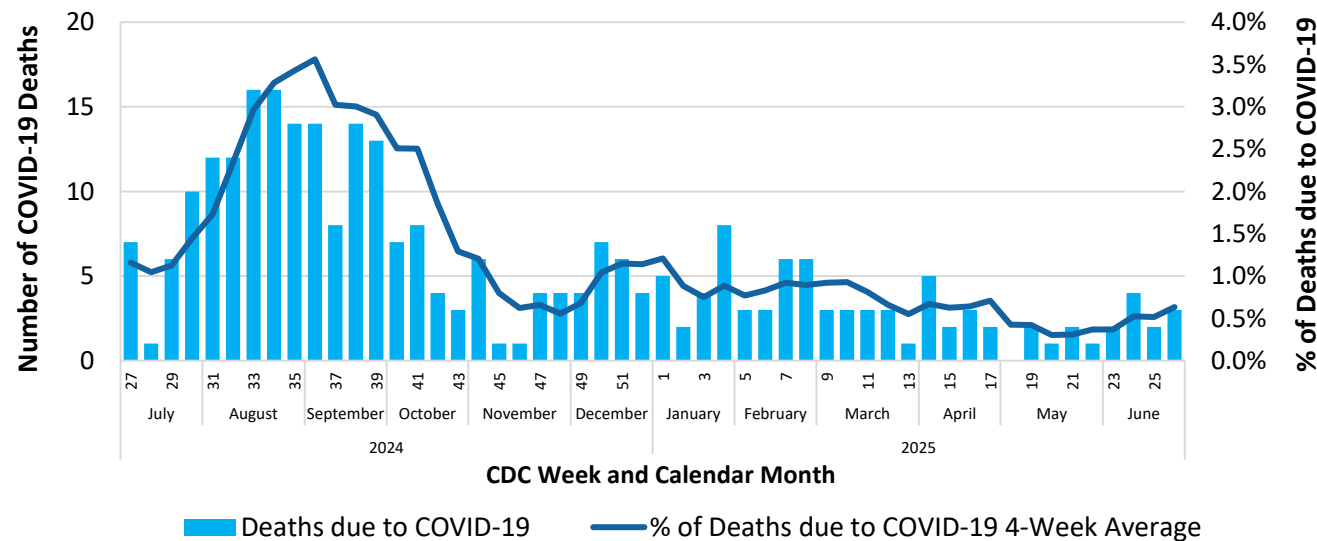
Figure 8. COVID-19, Influenza, and RSV Outbreaks by Week of Onset



\*Includes skilled nursing facilities, assisted living facilities, group homes, correctional facilities, homeless shelters.

## Percent of Total Deaths Associated with COVID-19

Figure 9. Percent of Total Deaths Associated with COVID-19

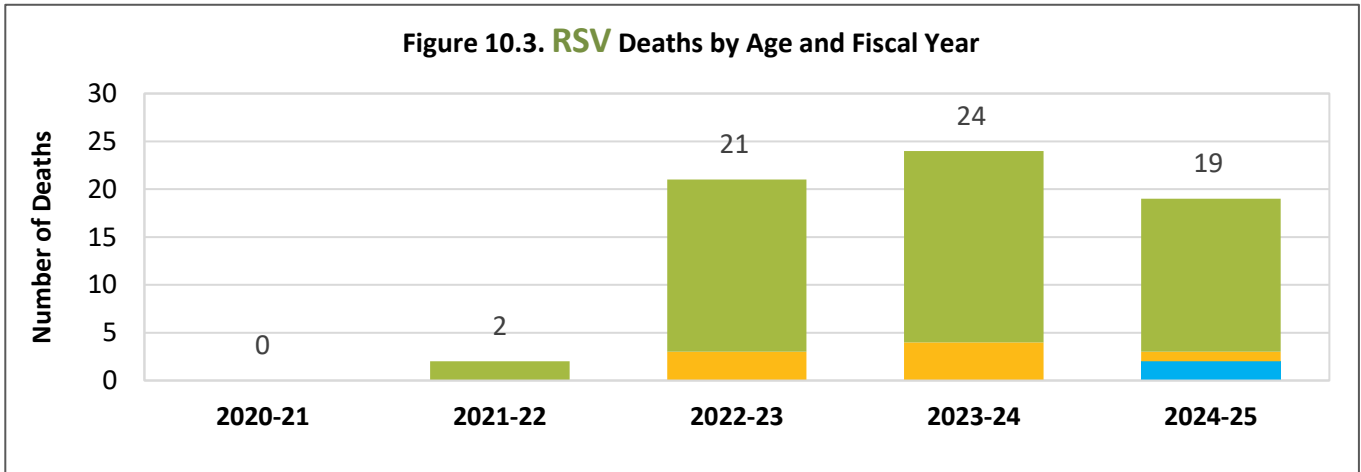
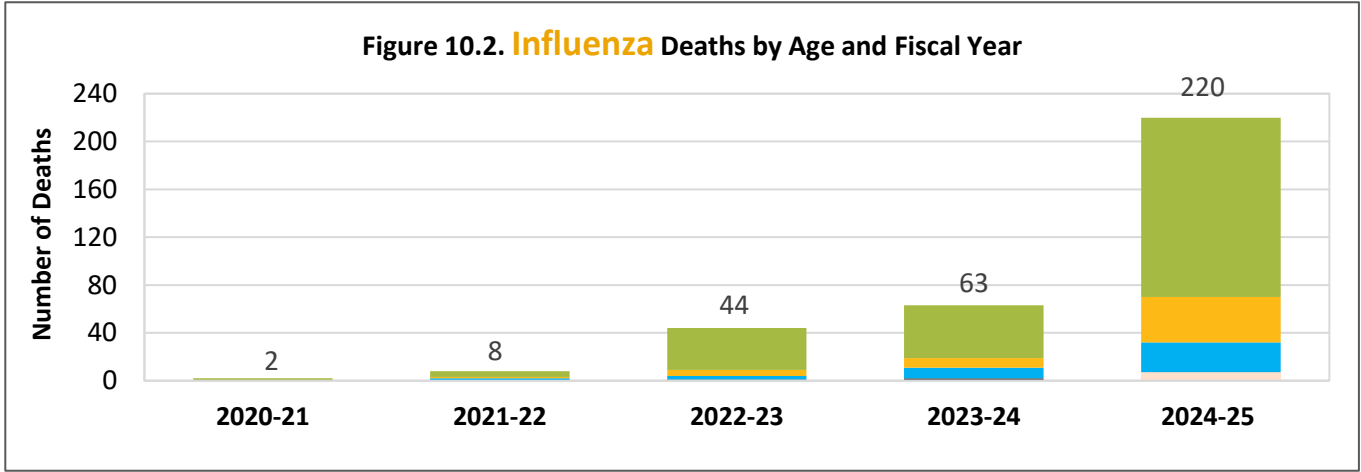
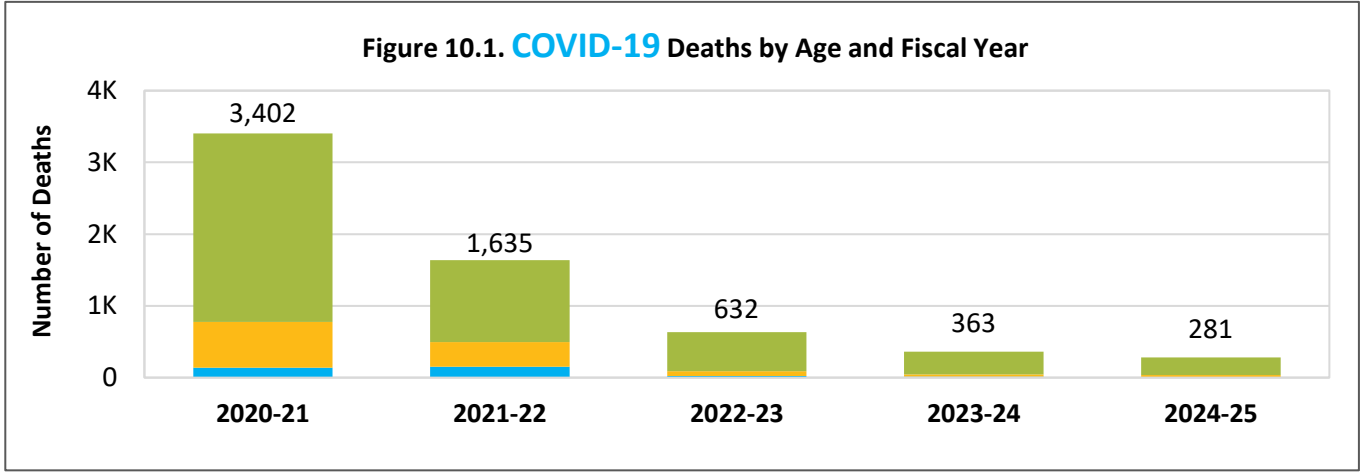


# Respiratory Virus Annual Surveillance Summary



## COVID-19, Influenza, and RSV Deaths by Age and Fiscal Year

0-4 yrs   5-17 yrs   18-49 yrs   50-64 yrs   65+ yrs



# Respiratory Virus Annual Surveillance Summary



**Table 2. Summary of Deaths, Fiscal Year**

	COVID-19 Deaths	Influenza Deaths	RSV Deaths
<b>Age</b>			
0-4 years	0 (0.0%)	1 (0.5%)	0 (0.0%)
5-17 years	0 (0.0%)	6 (2.7%)	0 (0.0%)
18-49 years	11 (3.9%)	25 (11.4%)	2 (10.5%)
50-64 years	26 (9.3%)	38 (17.3%)	1 (5.3%)
65+ years	244 (86.8%)	150 (68.2%)	16 (84.2%)
<b>Gender</b>			
Male	149 (53.0%)	106 (48.2%)	8 (42.1%)
Female	132 (47.0%)	114 (51.8%)	11 (57.9%)
<b>Race/Ethnicity</b>			
American Indian or Alaska Native	0 (0.0%)	0 (0.0%)	0 (0.0%)
Asian	34 (12.1%)	27 (12.3%)	3 (15.8%)
Black or African American	15 (5.3%)	9 (4.1%)	0 (0.0%)
Hispanic or Latino	56 (19.9%)	61 (27.7%)	5 (26.3%)
Native Hawaiian or Other Pacific Islander	0 (0.0%)	2 (0.9%)	0 (0.0%)
Other/Multiple Race	2 (0.7%)	5 (2.3%)	0 (0.0%)
White	174 (61.9%)	116 (52.7%)	11 (57.9%)
<b>Other Significant Conditions</b>	224 (79.7%)	173 (78.6%)	18 (94.7%)

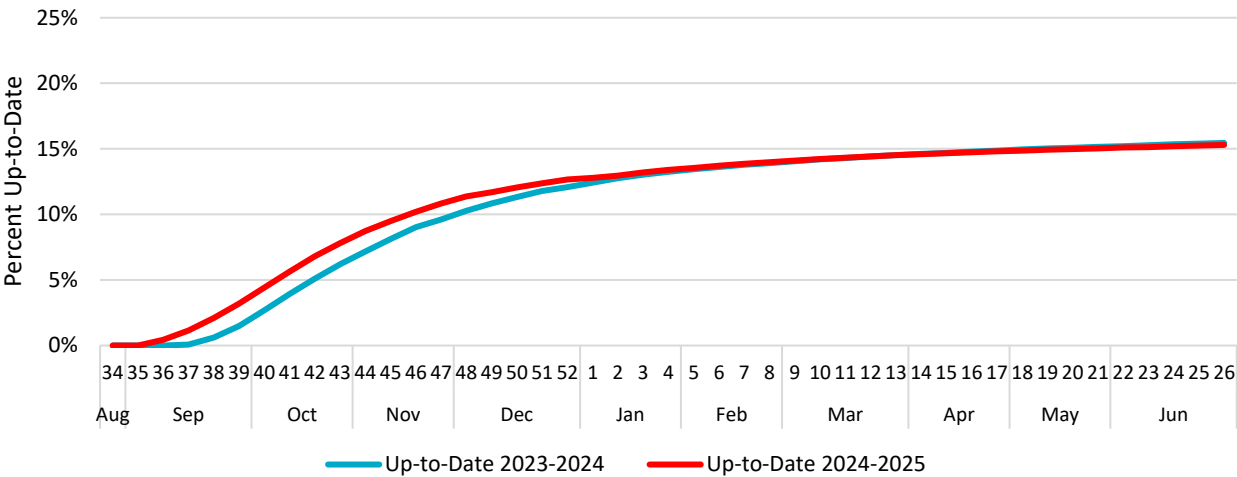


# Respiratory Virus Annual Surveillance Summary



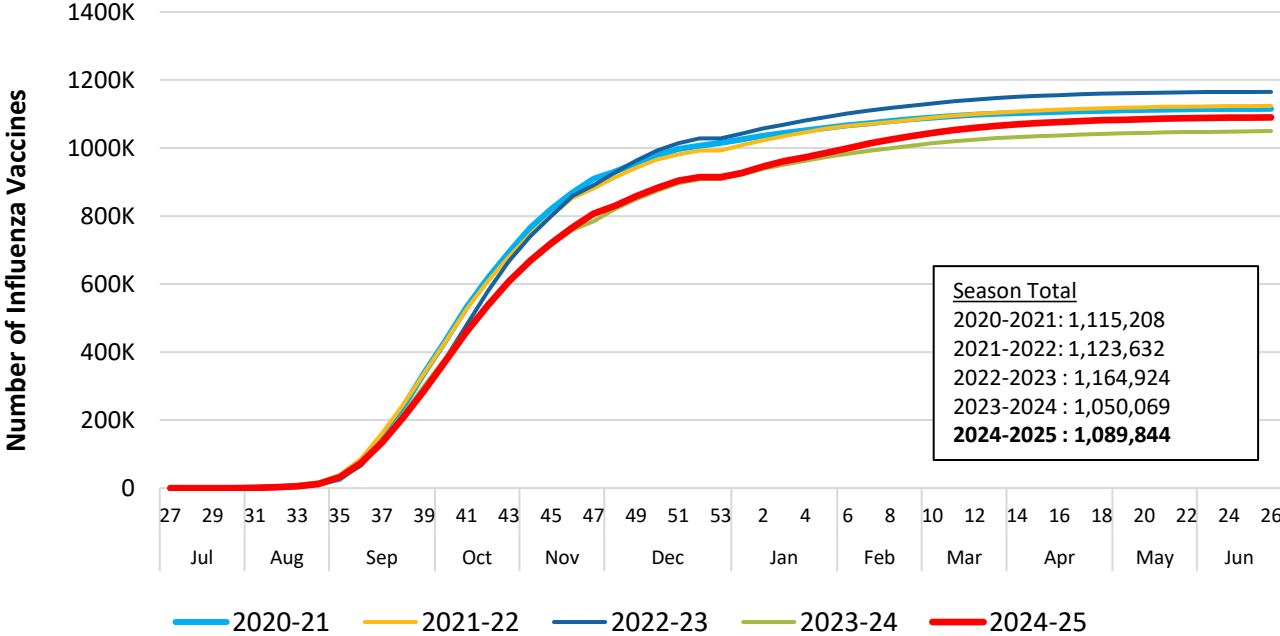
## Vaccinations Administered

Figure 11.1. San Diego County Residents Up- to-Date with COVID-19 Vaccination Status, Ages 6 Months and Older



The lines show the percentage of persons up-to-date on COVID-19 vaccination per the CDC guidelines for that year. [Stay Up to Date with COVID-19 Vaccines | CDC](#)

Figure 11.2. Cumulative Number of Influenza Vaccinations Administered\* by CDC Week and Fiscal Year



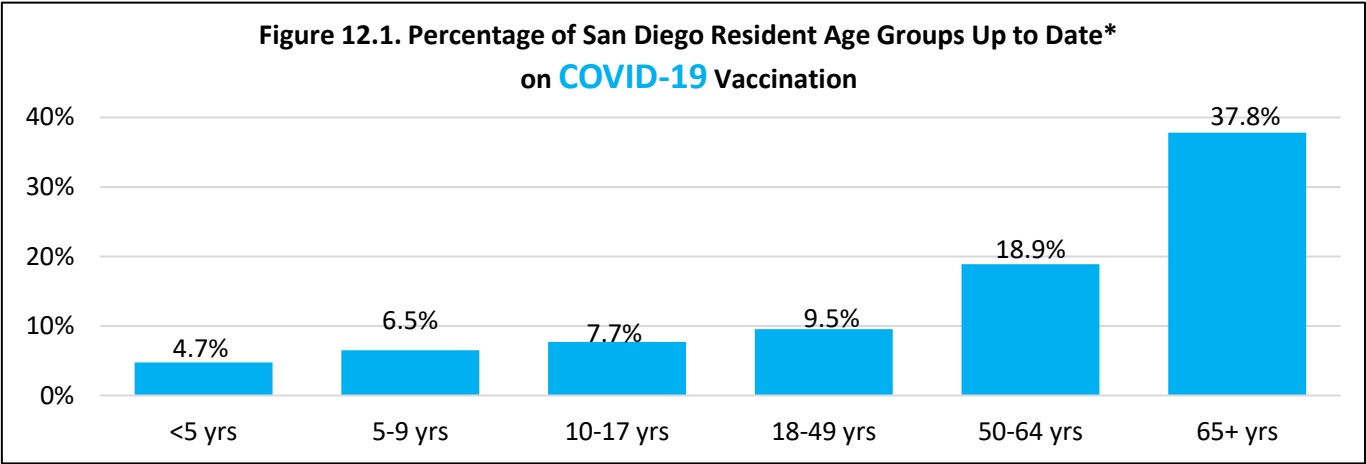
\*Week 52 data are repeated for week 53 for years that do not include week 53.



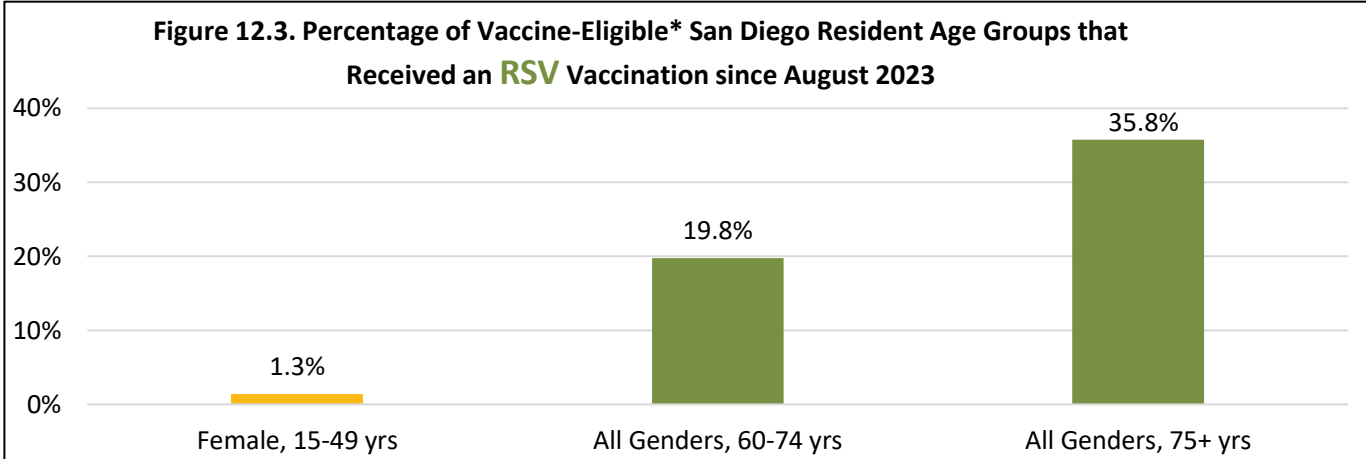
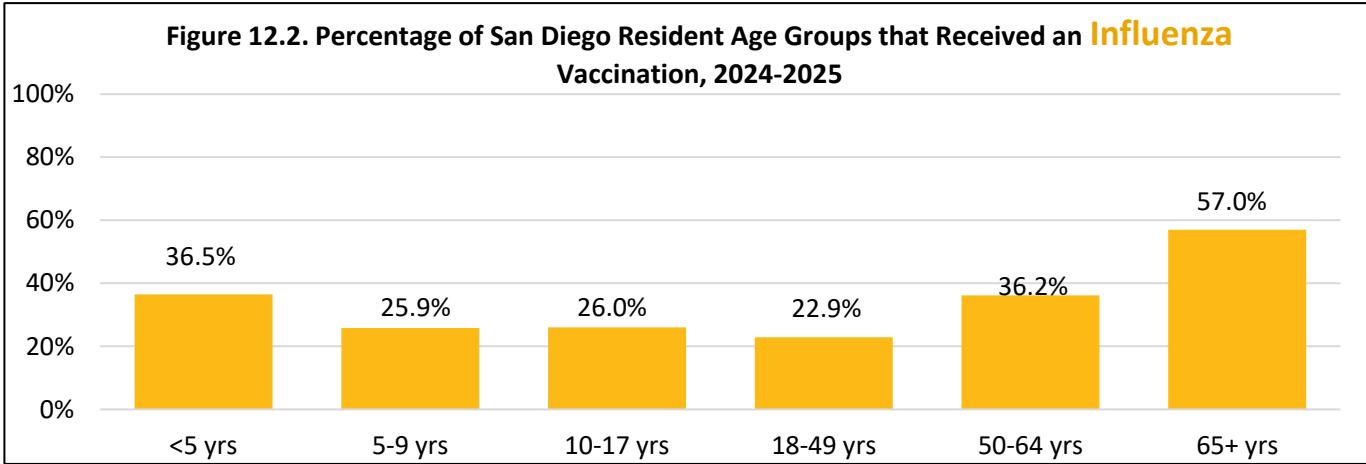
# Respiratory Virus Annual Surveillance Summary



## Vaccine Recipients by Age



\*Using the Up-to-Date (UTD) criteria per the 2024/2025 guidelines. [Stay Up to Date with COVID-19 Vaccines | CDC](#)



\*CDC recommends pregnant women, adults 60-74 years with increased risk, and adults 75 and older receive an RSV dose. In absence of pregnancy data, vaccination percentage is presented for all females of reproductive age. Learn more: [Respiratory Syncytial Virus \(RSV\) Immunizations | CDC](#)



# Respiratory Virus Annual Surveillance Summary



## Wastewater Surveillance

2024-25 2023-24 2022-23

Figure 13.1. SARS-CoV-2 Detection in Wastewater by Fiscal Year

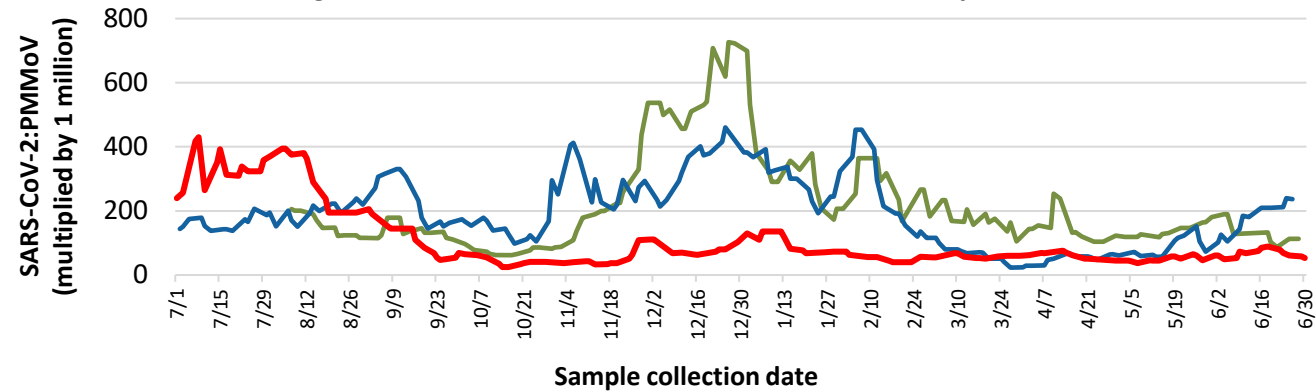


Figure 13.2. Influenza A\* Detection in Wastewater by Fiscal Year

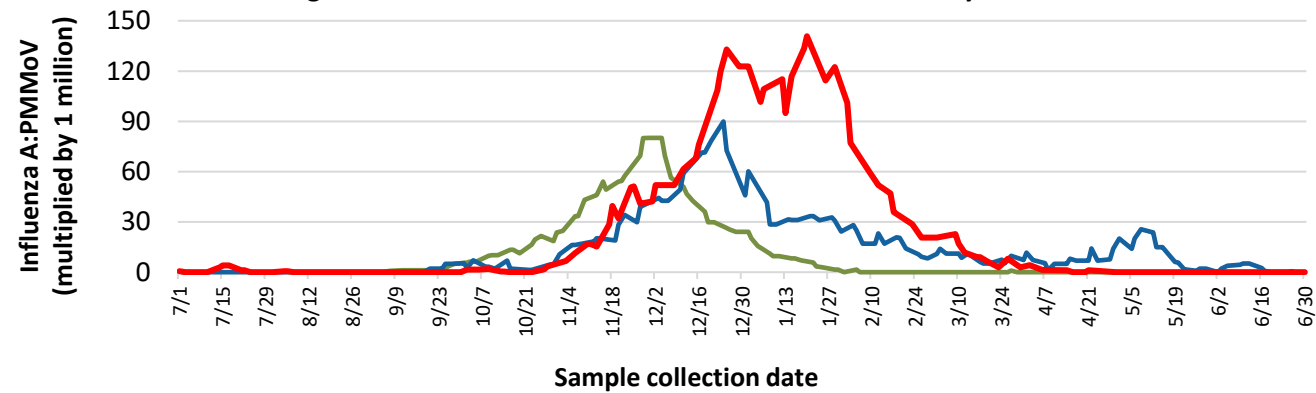
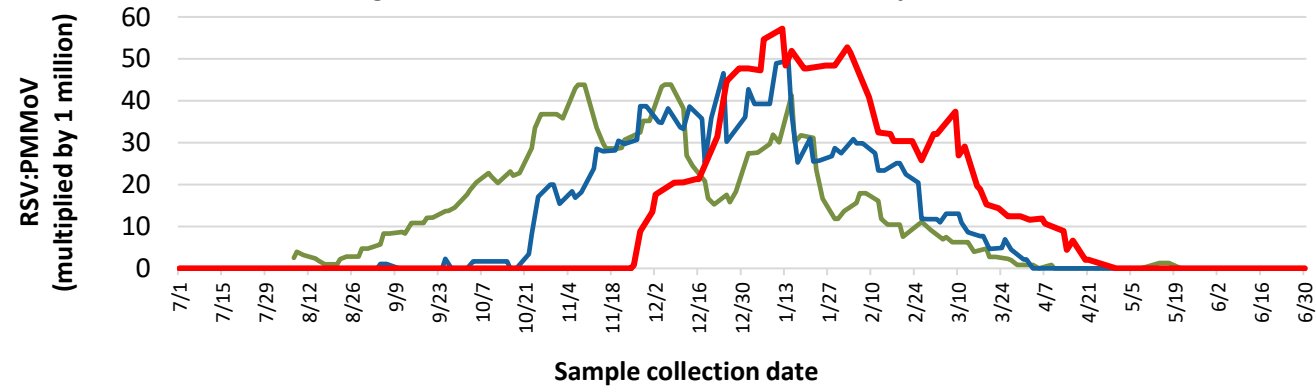


Figure 13.3. RSV Detection in Wastewater by Fiscal Year



Data provided by Wastewater SCAN: <https://wastewaterscan.org/>.

Moving average is calculated by taking the average of the 5 samples centered around a date after excluding the highest and lowest values.

\*Detection of influenza in wastewater is specific to influenza A and captures H5 influenza along with seasonal H1 and H3. This assay alone cannot distinguish between the contributions of each subtype.

Data through  
6/28/2025

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# Respiratory Virus Annual Surveillance Summary



## Influenza Subtypes

Figure 14.1. Influenza Subtypes by CDC Episode Week\*

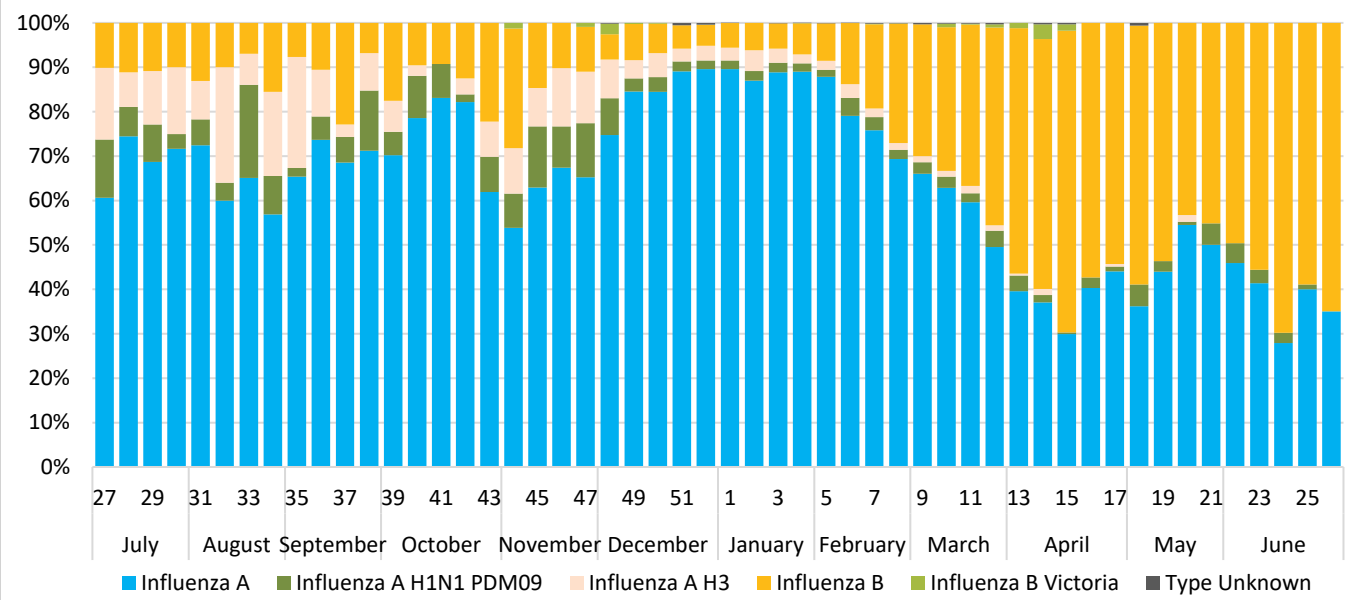
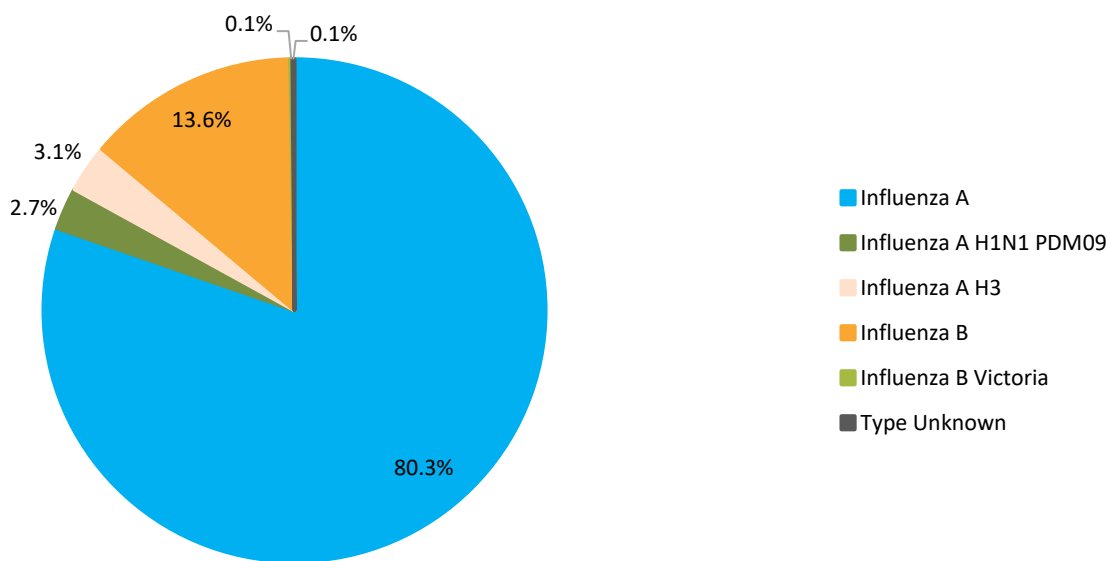


Figure 14.2. Influenza Subtypes, 2024-25



\*Episode date is the earliest available of symptom onset date, specimen collection date, date of death, date reported. Data for the most recent week may be incomplete.

