

For internal use only. Not for distribution.

## **INSTRUCTION FOR CONTACT HOUR**

- Your display name **MUST** match your evaluation name for CEU credit. If it does not, type your name and facility in the chat.
- Enjoy the entire program.
- Complete the post-evaluation by August 29, 2025, 5:00 PM (available on the last slide)
- Certificate will be emailed to you by September 15, 2025

# Welcome

**BEFORE WE BEGIN, ANSWER IN THE CHAT:**

**If you were a DJ, what  
would your DJ name be?**



# San Diego Skilled Nursing Facility Infection Prevention Collaborative

---

Grow - Collaborate - Succeed



Coordinated by the County of San Diego  
Healthcare-Associated Infections (HAI) Program

For internal use only. Not for distribution.

# Reminders



Recording is on!



[PHS.HAI.HHSA@sdcounty.ca.gov](mailto:PHS.HAI.HHSA@sdcounty.ca.gov)



Keep your lines muted



Participate in the polls and chat



Use the chat box for questions



Slides will be emailed

For internal use only. Not for distribution.



Type into the chat your:

- Name
- Title
- Facility



# Land Acknowledgement



**Public Health Services would like to begin by acknowledging the Indigenous Peoples of all the lands that we are on today. While we are meeting on a virtual platform, I would like to take a moment to acknowledge the importance of the lands, which we each call home. We respectfully acknowledge that we are on the traditional territory of the Kumeyaay. We offer our gratitude to the First Nations for their care for, and teachings about, our earth and our relations. May we honor those teachings.**

**For internal use only. Not for distribution.**





# Agenda



**Welcome**

**General Updates**

**Announcements**

**Featured Topic: "FLUNOVID+RSV"**

**Next Collaborative**

For internal use only. Not for distribution.



SNF IP  
Email List



For internal use only. Not for distribution.

# Respiratory Virus Update

August 14, 2025



LIVE WELL  
SAN DIEGO

## San Diego County Respiratory Virus Surveillance Report

Prepared by Epidemiology and Immunization Services Branch

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

This report will be issued monthly on the second Thursday of the month.  
Weekly reporting will resume in October.

### COVID-19

Cases  
**2,751**

Deaths  
**12**

Outbreaks\*  
**18**

6/29/2025 – 8/9/2025

### Influenza

Cases  
**337**

Deaths  
**0**

Outbreaks\*  
**1**

6/29/2025 – 8/9/2025

### RSV

Cases  
**23**

Deaths  
**0**

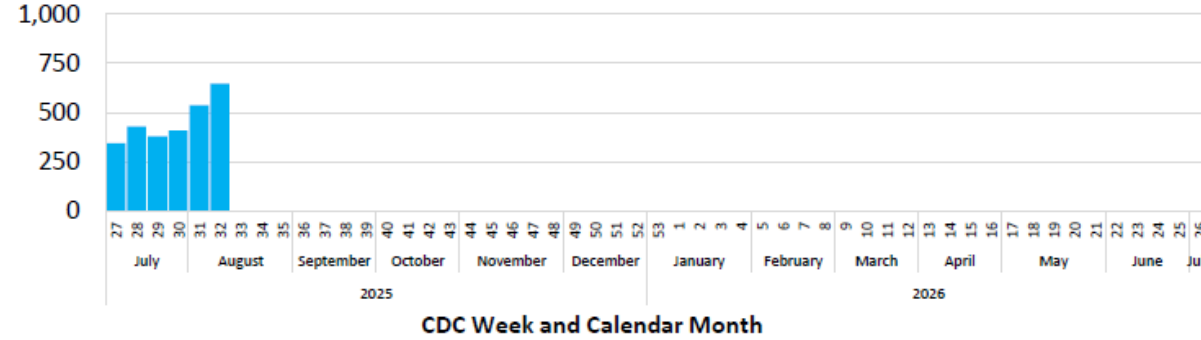
Outbreaks\*  
**0**

6/29/2025 – 8/9/2025

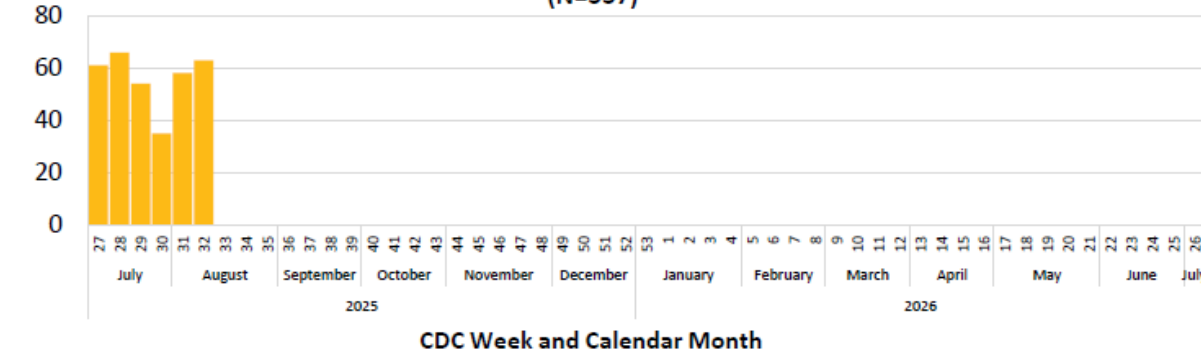


# COVID-19, Influenza, and RSV Cases by CDC Episode Week,\* 2025-26 Fiscal Year-to-Date

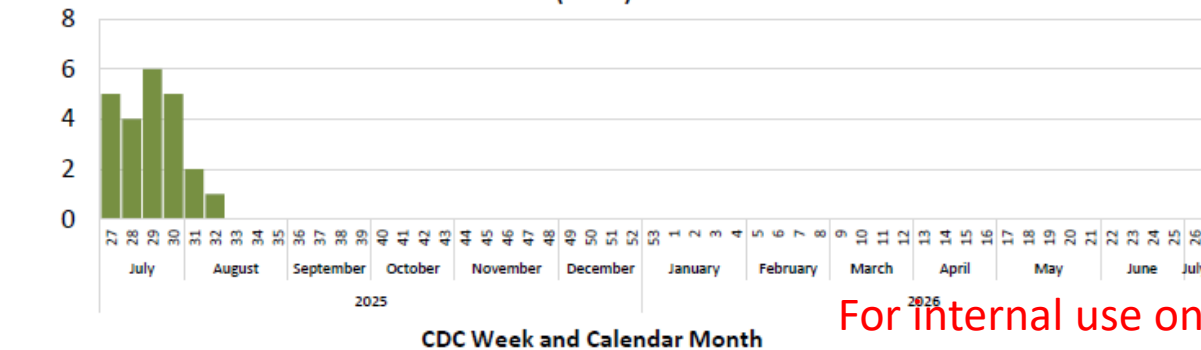
**Figure 1.1. San Diego County COVID-19 Confirmed and Probable Cases (N=2,751)**



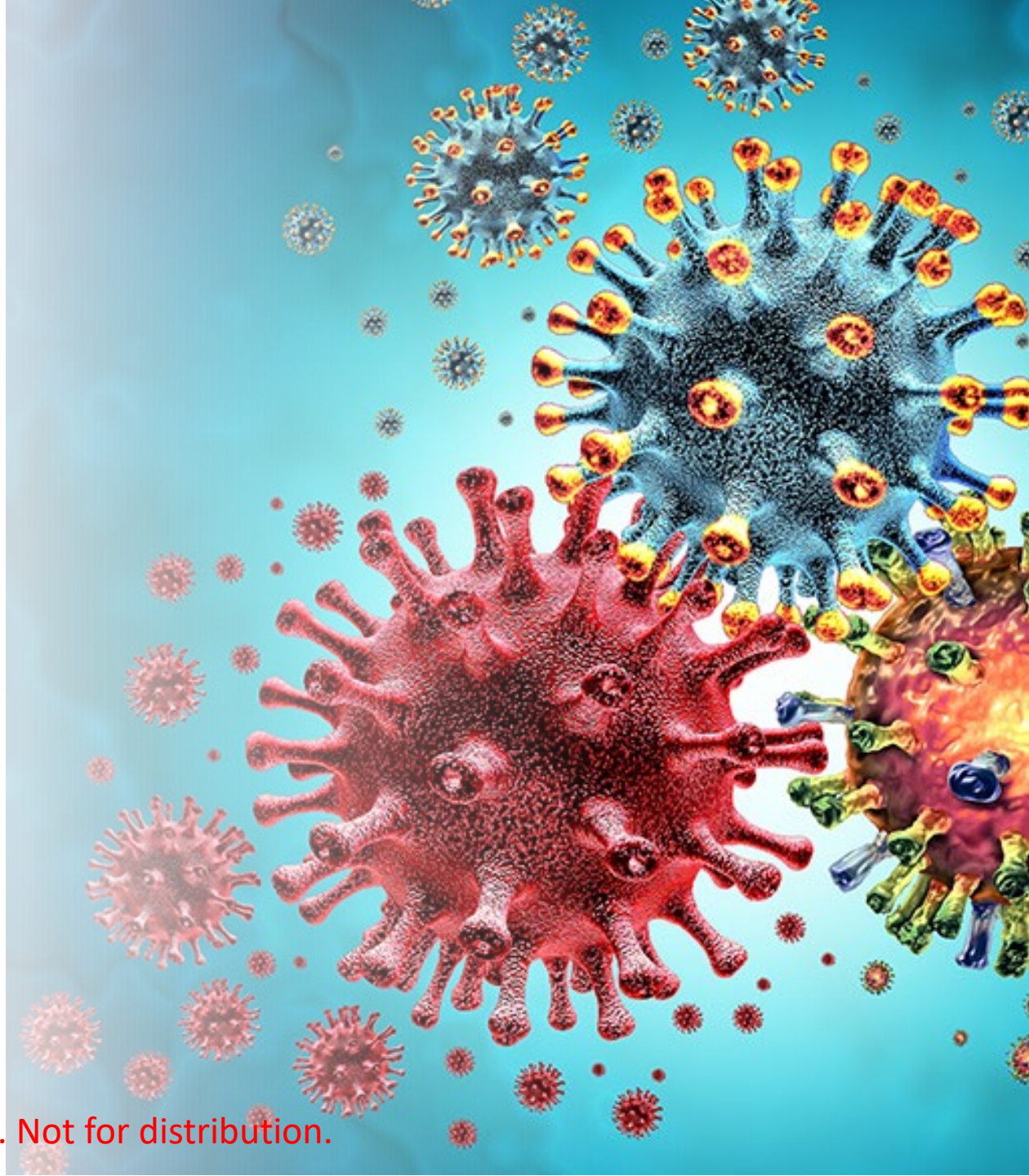
**Figure 1.2. San Diego County Influenza Cases (N=337)**



**Figure 1.3. San Diego County RSV Cases (N=23)**



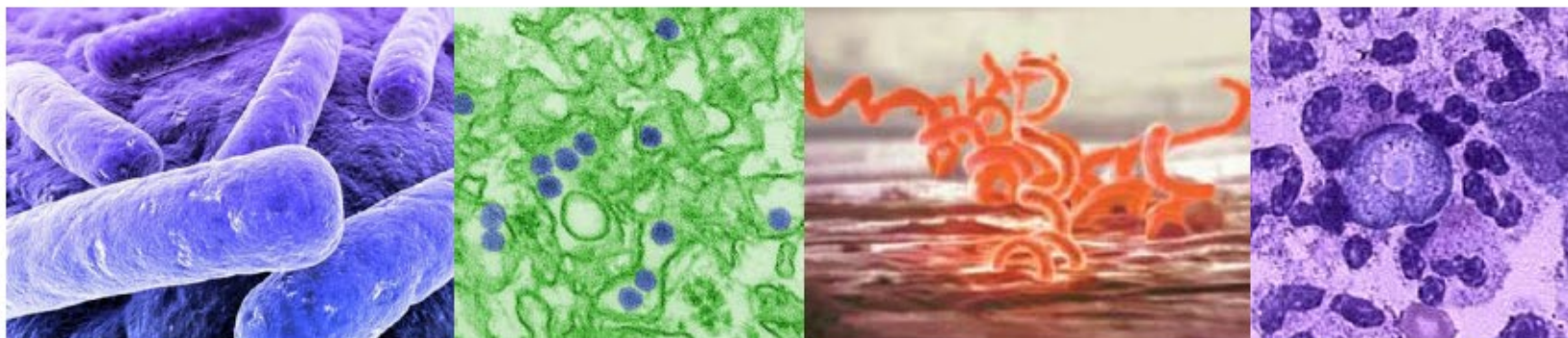
For internal use only. Not for distribution.







# Eighth Annual Communicable Disease Meeting



**September 3, 2025, 8:30 AM – 12:30 PM**

***5520 Overland Avenue, San Diego, CA 92123 - Chambers Room***

Registration: <https://forms.cloud.microsoft/g/84tC4BkyGX>

For internal use only. Not for distribution.



Healthcare  
Associated  
Infections  
Program



San Diego Immunization Coalition Presents

# Inhale Immunize Innovate

21<sup>st</sup> Annual  
*Kick the Flu*<sup>+2</sup>  
Summit



DISCOVER THE LATEST FLU, COVID-19, & RSV VACCINE UPDATES,  
DATA TRENDS, & STRATEGIES TO PROTECT OUR COMMUNITIES.

## September 10, 2025

🕒 8:30 AM - 1:00 PM 📍 COUNTY OPERATIONS CENTER - CHAMBERS  
5520 OVERLAND AVE, SAN DIEGO, CA 92123

📶 CAN'T JOIN US IN PERSON? JOIN US ONLINE: <https://bitly/4klsE51>

**Register  
Today!** ➡



**CEU's Provided**  
*Nurse CE Credit*  
**CHES<sup>®</sup> - CECH**

Registration:



<https://www.sdizcoalition.org/s-projects-basic/summits>

For internal use only. Not for distribution.



# BOOSTING PROTECTION IN LONG-TERM CARE THROUGH RESPIRATORY VACCINATIONS

## 2025 VIRTUAL SUMMIT

Join us for a virtual webinar on the importance of vaccinations and infection prevention strategies in skilled nursing, long-term care, and congregate care facilities, as well as other programs serving older adults.

Register Here



[https://bit.ly/  
40UZcSm](https://bit.ly/40UZcSm)

SAVE THE DATE!

10.22.25

Registration: <https://bit.ly/40UZcSm>

For internal use only. Not for distribution.



Healthcare  
Associated  
Infections  
Program



# County/CDPH Briefings



- **County LTC Sector Monthly Telebriefing:**
  - Bi-monthly 4th Thursday @ 2PM-3PM
  - Next briefing is on **9/25/25**



For internal use only. Not for distribution.



# Contact Hour Instructions

Ensure

- Ensure your full name identifies you on Teams

Enjoy

- Enjoy the full presentation

Complete

- Complete the post-evaluation

## Presenters



Grace Kang, MPH, RN, PHN, CIC  
Public Health Nurse Supervisor  
County of San Diego  
Healthcare-Associated Infections Program



Elizar Perez, BSN, RN, PHN  
Public Health Nurse  
County of San Diego  
Healthcare-Associated Infections Program

For internal use only. Not for distribution.





# *FLUNOVID + RSV*

## Untangling Infection Prevention in SNFs for Influenza, RSV, Norovirus and COVID-19

Elizar Perez, BSN, RN, PHN Public Health Nurse  
Grace Kang MPH, RN, PHN, CIC Public Health Supervisor

For internal use only. Not for distribution.

# Objectives



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## The Learner will be able to:

- Identify four viral conditions that commonly cause outbreaks in skilled nursing facilities.
- Describe how to report outbreaks to public health.
- Explain the infection control actions to mitigate transmission of these viruses during outbreaks.

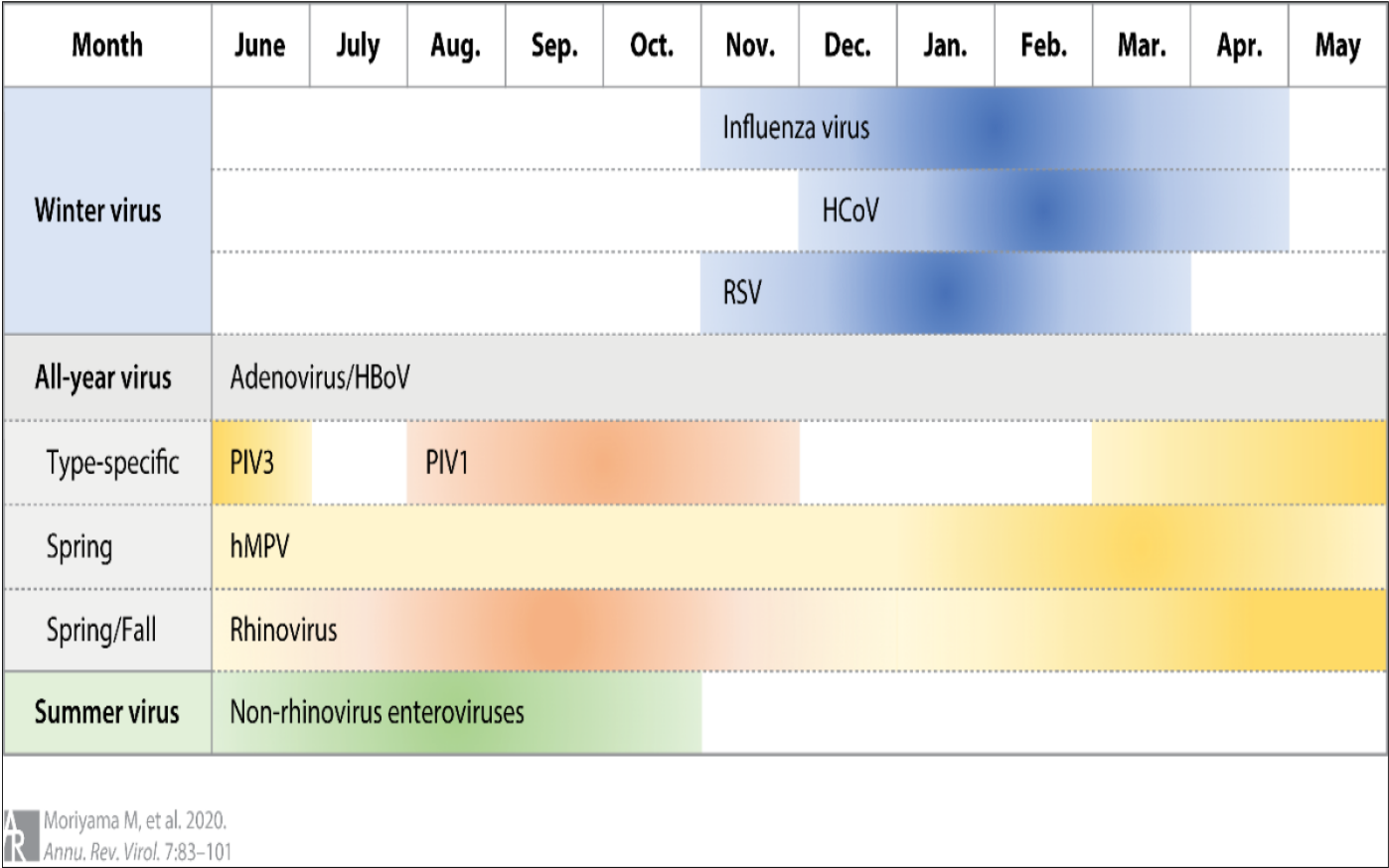
For internal use only. Not for distribution.

# Seasonality of Viruses



Many common viral infections that impact skilled nursing facilities are somewhat seasonal:

- Influenza virus
- SARS-CoV-2
- Respiratory Syncytial Virus (RSV)
- Norovirus





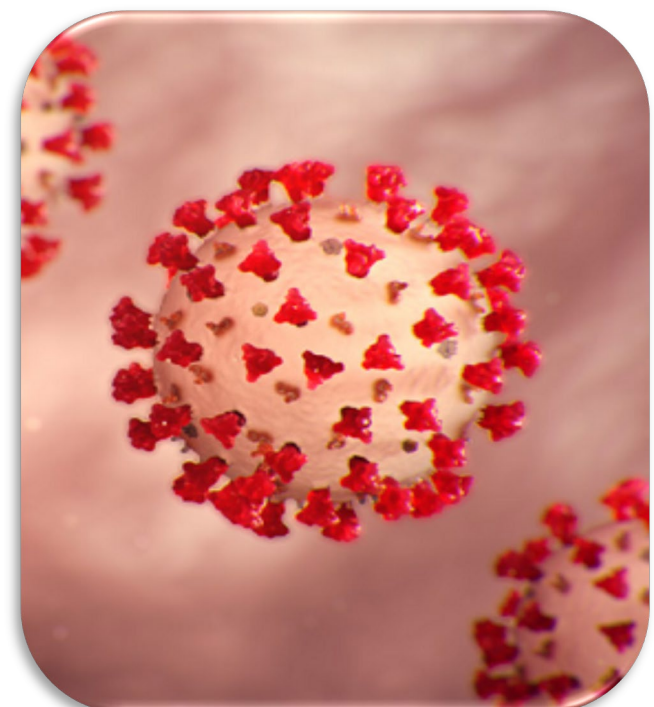
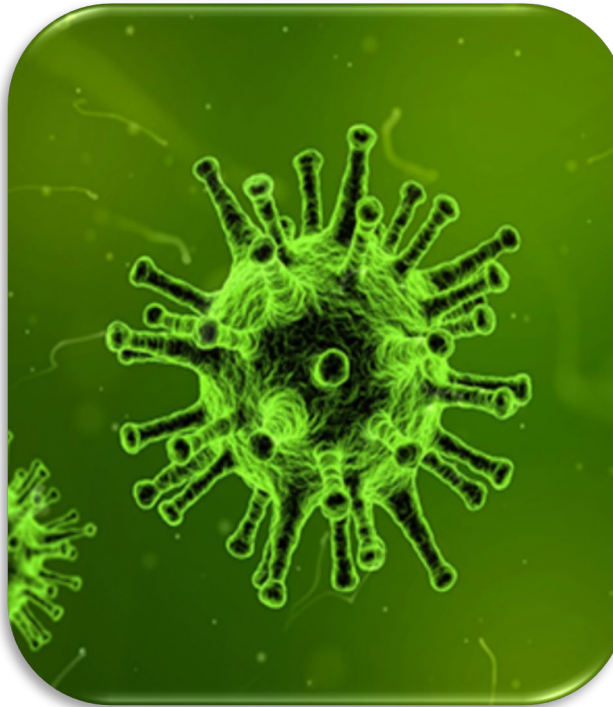
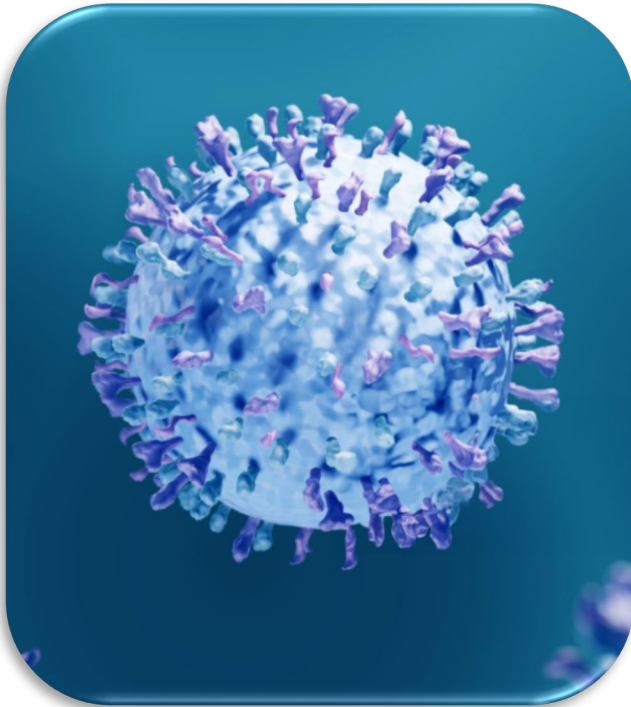
COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



# Respiratory Viruses

Influenza, COVID-19, Respiratory Syncytial Virus (RSV)

For internal use only. Not for distribution.

# Respiratory Viruses - Overview



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



## INFLUENZA VIRUS – QUICK REFERENCE

### Typical Symptoms

- Fever, Myalgia, headache, malaise, nonproductive cough, sore throat; rhinitis
- Persons aged 60 years and older are less likely to have a fever and may present atypically.

### Incubation

- 1-4 days (average 2 days)

### Infectious Period

- 24 hours prior to symptoms onset to 3-7 days after symptom onset

### Transmission

- Person to person droplet transmission

### Seasonality

- Oct. - Apr./May.

### Types of Tests

- Molecular - PCR
- Antigen



# Respiratory Viruses - Overview



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



## SARS-CoV2 (COVID-19) VIRUS – QUICK REFERENCE

### Symptoms

- Fever, Chills, Cough, Difficulty Breathing, SOB, Congestion, Runny Nose, Sore Throat, New Loss of Taste or Smell, Fatigue, Muscle/Body Aches, Headache, Nausea/Vomiting, Diarrhea

### Incubation

- 14 days

### Infectious Period

- 48 hours from symptom onset to 7 days after symptom onset OR 24 hrs. after resolution of symptoms

### Transmission

- Person to Person respiratory droplets
- Possible aerosolization
- Contact with contaminated surfaces

### Seasonality

- Winter and Summer

### Types of Tests

- Molecular – PCR test
- Antigen

# Respiratory Viruses - Overview



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## RESPIRATORY SYNCYTIAL VIRUS (RSV) – QUICK REFERENCE

### Symptoms

- Runny nose, sore throat, decreased appetite, coughing, sneezing, fever, wheezing, headache, fatigue, difficulty breathing

### Incubation

- 2-8 days after exposure

### Infectious Period

- Typically 1-2 days prior to symptom onset, up to 3-8 days after symptom onset;
- Longer for immunocompromised

### Transmission

- Person to person through respiratory droplet transmission
- Contact with contaminated surfaces

### Seasonality

- Starts in the fall; peaks in the Winter
- Can vary year to year

### Types of Tests

- Molecular - PCR
- Antigen

For internal use only. Not for distribution.

# Respiratory Virus - High Risk Groups/Settings



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



PHAB  
Accredited Health Department

Underlying  
Health  
Conditions

65 years  
and older

Children  
5 years or  
younger

Racial/ethnic  
minorities

Pregnant  
people

HCP,  
Care givers

## Care For Older Adults? Care About Flu!

Adults 65+  
Are At Higher Risk

50%-70%  
of flu-related HOSPITALIZATIONS



UP TO 85%  
of flu-related DEATHS

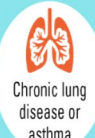
## Who Is Most at Risk of Serious Complications from Respiratory Syncytial Virus (RSV)?



## COVID-19: Seek care if you're at higher risk

Higher risk people have these conditions

65+  
Age 65 years  
and older



Chronic lung  
disease or  
asthma



Serious heart  
conditions like  
congestive heart  
failure (CHF)



Immunocompromised  
(including people  
with AIDS)



Cancer  
survivors



Diabetes



Obesity

Seek care quickly if you start experiencing COVID-19 symptoms like cough, fever or shortness of breath. COVID-19 symptoms appear 2 to 14 days after exposure to the coronavirus.

For internal use only. Not for distribution.

[https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/immunization\\_branch/Vaccine\\_Preventable\\_Diseases/Seasonal\\_Influenza/Flu\\_Resources1.html](https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/immunization_branch/Vaccine_Preventable_Diseases/Seasonal_Influenza/Flu_Resources1.html)

# Where can you find current Respiratory Virus activity?

For internal use only. Not for distribution.



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



August 14, 2025



San Diego County

## Respiratory Virus Surveillance Report

Prepared by Epidemiology and Immunization Services Branch

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

This report will be issued monthly on the second Thursday of the month.  
Weekly reporting will resume in October.

### COVID-19

Cases  
2,751

Deaths  
12

Outbreaks\*  
18

6/29/2025 – 8/9/2025

### Influenza

Cases  
337

Deaths  
0

Outbreaks\*  
1

6/29/2025 – 8/9/2025

### RSV

Cases  
23

Deaths  
0

Outbreaks\*  
0

6/29/2025 – 8/9/2025

\*In residential congregate settings

\*occurred in residential congregate setting

[https://www.sandiegocounty.gov/content/dam/sdc/hhsa/programs/phs/Epidemiology/SDC\\_Respiratory\\_Virus\\_Surveillance\\_Report.pdf](https://www.sandiegocounty.gov/content/dam/sdc/hhsa/programs/phs/Epidemiology/SDC_Respiratory_Virus_Surveillance_Report.pdf)

## COVID-19, Influenza, and RSV Cases by CDC Episode Week,\* 2025-26 Fiscal Year-to-Date

Figure 1.1. San Diego County COVID-19 Confirmed and Probable Cases (N=2,751)

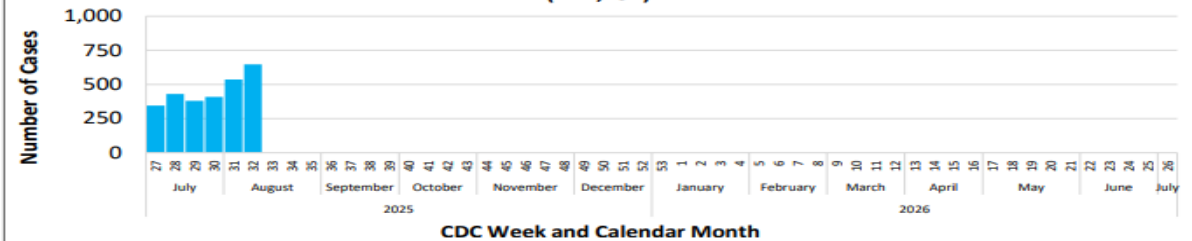


Figure 1.2. San Diego County Influenza Cases (N=337)

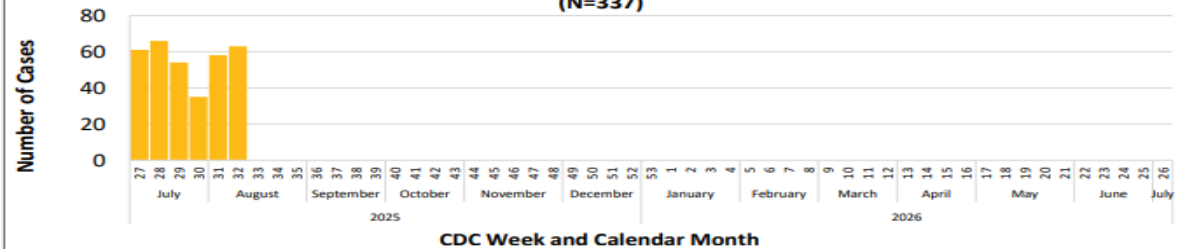
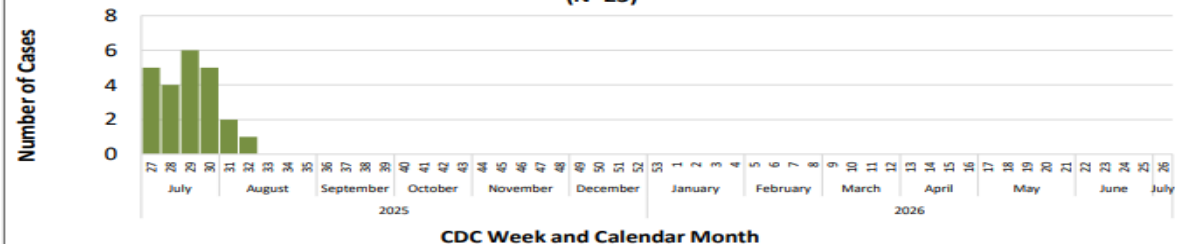


Figure 1.3. San Diego County RSV Cases (N=23)



\*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 Outbreak Guidance



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## California Department of Public Health Healthcare-Associated Infections Program

### Recommendations for Prevention and Control of COVID-19, Influenza, and Other Respiratory Viral Infections in California Skilled Nursing Facilities – 2024-25

#### Introduction

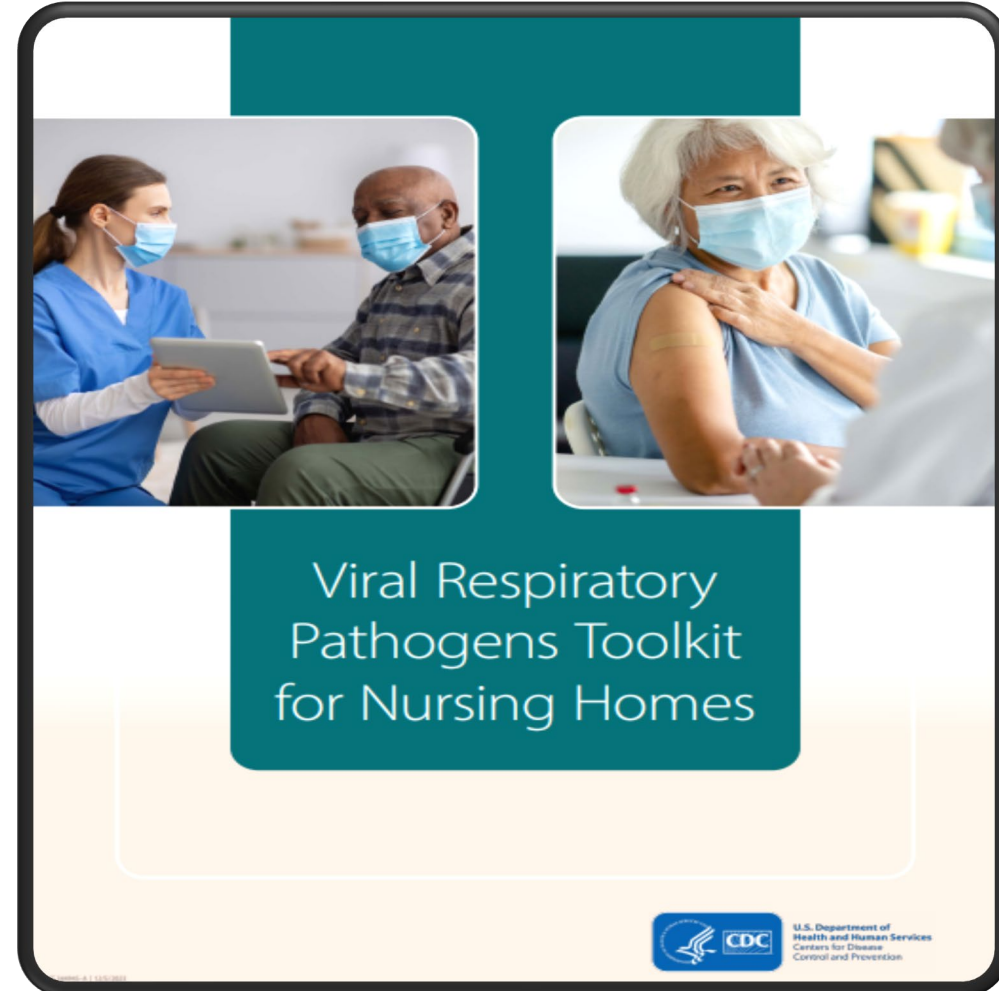
Skilled nursing facility (SNF) residents are at increased risk for severe disease, hospitalization, death, and outbreaks caused by SARS-CoV-2 (the virus that causes COVID-19), influenza, respiratory syncytial virus (RSV), and other respiratory viruses. This California Department of Public Health (CDPH) guidance document provides streamlined recommendations and strategies that can be broadly applied for the prevention and control of COVID-19, influenza, RSV, and other common respiratory viruses (e.g., adenovirus, parainfluenza virus, etc.) in California SNFs. This guidance aligns with the Centers for Disease Control and Prevention (CDC) [Viral Respiratory Pathogens Toolkit for Nursing Homes](https://www.cdc.gov/long-term-care-facilities/hcp/respiratory-virus-toolkit/) ([www.cdc.gov/long-term-care-facilities/hcp/respiratory-virus-toolkit/](https://www.cdc.gov/long-term-care-facilities/hcp/respiratory-virus-toolkit/)).

#### Key Messages

- **Encourage residents and healthcare personnel (HCP) to stay up to date on recommended vaccinations** to prevent morbidity and mortality from respiratory infections in SNFs.
- **Maintain policies for source control masking** with well-fitting facemasks or respirators that cover a person's mouth and nose to reduce respiratory virus transmission in healthcare settings.
- **Initiate prompt testing and treatment** of COVID-19 and influenza to reduce the risk of severe illness, hospitalization, and death.

**For internal use only. Not for distribution.**

[https://www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/CA\\_RecsPrevControl\\_RespVirus\\_SNFs.pdf](https://www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/CA_RecsPrevControl_RespVirus_SNFs.pdf) - AFL-23-36



<https://www.cdc.gov/long-term-care-facilities/media/pdfs/Viral-Respiratory-Pathogens-Toolkit-508.pdf>



# Prevention Actions



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



- Vaccine administration
- Source control
- Ventilation and filtration of indoor air
- Monitoring and surveillance
- Appropriate management ill HCP
- Adherence to Standard Precautions

For internal use only. Not for distribution.

<https://www.cdc.gov/flu/professionals/infectioncontrol/healthcaresettings.htm>

# Prevention: Vaccination

For internal use only. Not for distribution.

Vaccines are one of the very effective tools for preventing infection, hospitalization, serious complications and deaths from respiratory infections.

## CDC Adult Vaccination Schedule Excerpt (as of 8/27/25)

Vaccine	19-26 years	27-49 years	50-64 years	≥65 years
<a href="#">COVID-19</a> ⓘ	1 or more doses of 2024–2025 vaccine (See <a href="#">Notes</a> )			2 or more doses of 2024-2025 vaccine (See <a href="#">Notes</a> )
<a href="#">Influenza inactivated</a> (IIV3, cclIV3) <a href="#">Influenza recombinant</a> (RIV3) ⓘ	1 dose annually			1 dose annually (HD–IIV3, RIV3, or allIV3 preferred)
<a href="#">Influenza inactivated</a> (allIV3; HD–IIV3) <a href="#">Influenza recombinant</a> (RIV3) ⓘ	Solid organ transplant (See <a href="#">Notes</a> )			
<a href="#">Influenza live, attenuated</a> (LAIV3) ⓘ	1 dose annually			
<a href="#">Respiratory Syncytial Virus</a> (RSV) ⓘ	Seasonal administration during pregnancy. (See <a href="#">Notes</a> )		60 through 74 years (See <a href="#">Notes</a> )	≥75 years
<a href="#">Pneumococcal</a> (PCV15, PCV20,PCV21, PPSV23) ⓘ				See <a href="#">Notes</a>
				See <a href="#">Notes</a>

Recommended vaccination for adults who meet age requirement, lack documentation of vaccination, or lack evidence of immunity

Recommended vaccination for adults with an additional risk factor or another indication

Recommended vaccination based on shared clinical decision-making

No recommendation/Not applicable

CMS Requires SNFs to develop policies and procedures to educate and offer certain vaccines to residents and HCP. ([Title 42](#))



PENDING ACIP/CDC UPDATE

# Prevention: Source Control



- Use of masks or respirators for source control prevents transmission of respiratory viral infections.
- Every facility should develop policies for source control masking.
- Implement source control masking:
  - During periods of increased community transmission of respiratory viruses
  - If there are elevated resident or HCP respiratory infections or HCP absenteeism
  - In the event of a facility outbreak

**For internal use only. Not for distribution.**

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Guidance-for-Face-Coverings-as-Source-Control-in-Healthcare-Settings.aspx>

# County of San Diego Health Officer Order



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## Flu Vaccination or Mask for Healthcare Personnel During Annual Influenza Season

- All licensed acute care hospitals, skilled nursing facilities, long-term care facilities, ambulatory and community clinics, and ambulance providers in San Diego County require their healthcare personnel (HCP) to receive an annual influenza vaccination, or, if they decline, to wear a mask while in contact with patients or working in patient care areas during each annual influenza season.
- Influenza activity circulates October through May
- County of San Diego mask mandate timeframe for unimmunized HCP: **Typically November 1 – March 31**



County of San Diego

KIMBERLY GIARDINA, DSW, MSW  
DEPUTY CHIEF ADMINISTRATIVE OFFICER

HEALTH AND HUMAN SERVICES AGENCY  
PUBLIC HEALTH SERVICES  
5409 KEARNY VILLA ROAD, SUITE 2000, MAIL STOP P-578  
SAN DIEGO, CA 92123  
(619) 531-5800 • FAX (619) 542-4186

ANKITA S. KADAKIA, MD  
INTERIM PUBLIC HEALTH OFFICER

ELIZABETH HERNANDEZ, PhD  
PUBLIC HEALTH SERVICES DIRECTOR

### ORDER OF THE HEALTH OFFICER

(Masking or Vaccination of Healthcare Personnel during Annual Influenza Season)

The Centers for Disease Control and Prevention (CDC) preliminary estimate for the 2023-2024 influenza season resulted in between 34 million to 75 million illnesses, between 380,000 to 900,000 hospitalizations, and between 17,000 to 100,000 deaths. Within the county of San Diego, the 2023-2024 flu season resulted in 19,035 cases, and 63 deaths. Persons with chronic medical conditions, infants and children, seniors, and pregnant women are at greater risk for severe influenza-related illnesses and deaths. All healthcare personnel are at risk for both contracting influenza and transmitting the virus to their vulnerable patients. Patients in healthcare facilities are especially vulnerable to influenza. Masking and/or vaccination of healthcare personnel protects patients and reduces employee absenteeism during influenza season. The CDC recommends that all healthcare personnel receive an annual influenza vaccination.

**For internal use only. Not for distribution.**



# Prevention: Indoor Air Quality



- Proper ventilation and filtration of indoor air helps reduce accumulation of infectious virus particles and reduce the risk of transmission of respiratory viruses in SNFs
  - Increase the amount of outdoor air supplied by HVAC system to maximum capacity. May be necessary to reduce outdoor air supply temporarily when local air quality is poor.
  - Ensure system filters are rated at MERV-14 or higher filter efficiency. If the system cannot tolerate a MERV-14 filter, use highest rated filter tolerated.
  - Run building fans continuously. HVAC fan set to “ON” (vs. “AUTO”); run restroom/kitchen fans continuously.
  - Consider using Portable Air Cleaners to support the HVAC system, particularly in smaller spaces or during an outbreak.
- If using fans for cooling, position fans strategically.

For internal use only. Not for distribution.

<https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/OHB/Pages/ventilationFAQ.aspx>



# Prevention: Monitoring and Surveillance



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



- **Monitor local respiratory virus activity.**
- **Be ready to implement actively daily surveillance** for symptoms in residents and HCP.
  - Keep a line list of ill individuals (residents, HCP, visitors)
- **Educate HCP on routine self-screening** for signs and symptoms of illness before reporting to work.
- **Educate visitors to self-screen prior to visits.** Consider rescheduling visits or offering alternatives if visitors are ill.
- **Post signage at facility entrances/common areas** (e.g., self-screening, hand hygiene, respiratory/cough etiquette)

For internal use only. Not for distribution.



# Prevention: Testing



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



- Use testing to identify the diagnosis is necessary for treatment, chemoprophylaxis, and implementing isolation precautions and cohorting decisions.
- Obtain enough testing supplies IN ADVANCE and have a process to obtain confirmatory testing or a multiplex or full respiratory panel, if necessary.
- Co-infections are possible. Positive for one infection does not rule out other virus infections
- Conduct immediate diagnostic testing for any symptomatic residents.
  - Consider circulating viruses in the facility/community to determine what testing is needed beyond COVID/influenza. Use panel that includes RSV if RSV is circulating.



For internal use only. Not for distribution.

# Prevention: Testing, continued



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



	Influenza	RSV	COVID-19
<b>Asymptomatic, but exposed individuals</b>	Testing not recommended; monitor for symptoms	Testing not recommended; monitor for symptoms	Test immediately (not earlier than 24 hours post-exposure), then again day 3 and day 5.  *If contact tracing is not possible or if contact tracing is not halting transmission, broad-based approach is preferred
<b>Symptomatic individuals</b>	Test immediately, use rapid testing if available; follow-up w/ confirmatory testing as necessary.		

<https://www.cdc.gov/covid/hcp/infection-control/>

<https://www.cdc.gov/flu/professionals/diagnosis/testing-management-considerations-nursinghomes.htm>

For internal use only. Not for distribution.

# Prevention: Supplies



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



- Please order all supplies IN ADVANCE during respiratory season preparations
- Unfortunately, supplies are no longer available through County Public Health
  - Testing supplies
  - Personal protective equipment (PPE)

For internal use only. Not for distribution.

# Mitigation Actions



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



ACCREDITED HEALTH DEPARTMENT  
PHAB  
Advancing public health  
performance  
A PUBLIC HEALTH ACCREDITATION BOARD



## Continuing Prevention actions AND:

- Infection control precautions
- Isolation & cohorting of residents
- Work exclusions for HCP
- Antiviral treatment
- Communication/Reporting
- Environmental Disinfection

For internal use only. Not for distribution.

<https://www.cdc.gov/flu/professionals/infectioncontrol/healthcaresettings.htm>



# Mitigation: Isolation Precautions & Cohorting



- Residents with lab confirmed viral infection should ideally be placed in a single room if available, or cohorted with other residents with the same infection in shared room or designated area.
- If number of infected residents is small, residents may be isolated in their original rooms.
- If unable to move a resident, maintain in their current room with measures in place to reduce transmission to roommates (e.g., 6+ feet distance, physical barriers, chemoprophylaxis)
- Avoid resident movement, placements, or transfers that could result in additional exposures.



For internal use only. Not for distribution.

# Mitigation: Isolation Precautions, Cohorting for Residents



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



For internal use only. Not for distribution.

	Influenza	RSV	COVID-19
<b>Quarantine (Asymptomatic Exposed)</b>	Generally not necessary	Generally not necessary	Generally not necessary, however residents/HCP should wear a mask for 10 days following exposure.
<b>Isolation (Symptomatic, pending test result)</b>	Remain in current room under Transmission-based precautions (N95, eye protection, gown, gloves); Restrict from communal dining/group activities  If COVID-19 test is negative, but pending influenza/other respiratory virus test results, may downgrade N95 to surgical mask (use surgical mask, eye protection, gown, gloves)		
<b>Isolation (Confirmed positive test result)</b>	Droplet + Standard ≥7* Days from symptom onset	Contact + Standard ≥7 Days* from symptom onset (mask per Standard Precautions)	Transmission-Based Precautions ≥10 Days* from symptom onset

\*may require longer isolation period for severe illness or immunocompromise status

# Mitigation: Work Restrictions for HCP

For internal use only. Not for distribution.



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## CDPH AFL 25-01

HCP with suspected or confirmed respiratory viral infection, regardless of whether testing is performed, should:

- Not return to work until at least 3 days have passed since symptom onset\* and at least 24 hours have passed with no fever (without use of fever-reducing medicines), symptoms are improving, and they feel well enough to return to work.
  - If testing is performed that renders a positive result, but the individual is asymptomatic throughout their infection, HCP should not return to work until at least 3 days have passed since their first positive test.
- Wear a facemask for source control in all patient care and common areas of the facility (e.g., HCP breakrooms) for at least 10 days after symptom onset or positive test (if asymptomatic), if not already wearing a facemask as part of universal source control masking.
- Perform frequent hand hygiene, especially before and after each patient encounter or contact with respiratory secretions.

HCP should be encouraged to stay up to date on influenza and COVID-19 immunizations and follow healthcare facility policies for source control masking.

\*Where the first day of symptoms is day 0, making the first possible day of return to work on day 4.

<https://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-25-01.aspx>



# Mitigation: Work Restrictions for HCP



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



- If HCP develop respiratory infection symptoms while at work, they should wear a mask, notify supervisor, leave promptly, and obtain testing if possible.
- Ensure facility has transparent, non-punitive sick leave policy to allow ill HCP to stay home when sick.

For internal use only. Not for distribution.



# Mitigation: Antiviral Treatment



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



- Prompt administration of antiviral medications with newly diagnosed influenza and mild-moderate COVID-19 can reduce serious illness, hospitalizations, and death.
- All facilities should develop processes for ensuring rapid treatment per clinical guidelines.
- Antivirals for COVID-19 and Influenza may be prescribed concurrently, if indicated.
- **COVID-19 Treatment**
  - Antivirals should be started within 5-7 days after symptom onset.
  - All SNF residents should be considered eligible to receive treatment for mild-to-moderate COVID-19 and should be evaluated for therapeutics ([CDPH AFL 23-29](https://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-23-29.aspx))
  - Non-ill roommates, and residents on same floor/unit of residents with influenza should be given top priority if there is a limited supply of antivirals.

<https://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-23-29.aspx>

For internal use only. Not for distribution.

# Mitigation: Antiviral Treatment, Continued



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



## ■ Influenza Treatment and Chemoprophylaxis

- Residents with suspected or confirmed influenza should be treated with antivirals as soon as possible, ideally within 48 hours of onset.
- Promptly initiate prophylactic antivirals for all exposed individuals (e.g., roommates) of residents with confirmed influenza.
- As soon as an outbreak is determined, all non-ill residents in the unit/facility are recommended prophylactic antivirals, regardless of vaccination status.
  - If there is a limited supply, prioritize highest risk contacts.



For internal use only. Not for distribution.

# Mitigation: Communication/Reporting



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



- **Prompt outbreak reporting to County Public Health and CDPH Licensing & Certification**
- Communicate with facility leadership, staff, residents, visitors:
  - In-services and reminders to HCP of the outbreak mitigation plan and progress
  - Post reminder signage at facility entrances/common areas (e.g., hand hygiene, respiratory/cough etiquette)
  - Provide reminders and education to patients/visitors



For internal use only. Not for distribution.

# Additional IPC Measures



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



- Increase frequency of environmental cleaning w/ focus on high-touch surfaces, common areas, shared equipment.
- Limit or hold new admissions in affected units until no new cases for at least 48 hours.
- Consider temporarily pausing communal dining/group activities until control measures instituted.
- Consult with County of San Diego to determine if facility should limit new admissions. Facility-wide and prolonged closures are not necessary if transmission is controlled and there is an unaffected location available for new admissions.

For internal use only. Not for distribution.



# Respiratory Outbreak Definitions



	Influenza	COVID-19	RSV
Outbreak Definition	<p>≥1 case of lab-confirmed influenza, in a setting of ≥2 influenza cases* within a 72-hour period</p> <p>*Influenza cases = confirmed by lab test OR acute onset of at least 2 symptoms of influenza (fever ≥100F, cough, sore throat, runny nose/congestion, muscle/body aches, HA, fatigue) in the absence of a known cause AND not tested for influenza or tested negative for other respiratory illness</p>	<p>≥2 cases of probable or confirmed COVID-19 among residents identified within 7 days</p> <p>OR</p> <p>≥2 cases of suspect, probable or confirmed COVID-19 among HCP AND ≥1 case of probable or confirmed COVID-19 among residents, with epi-linkage</p>	<p>≥1 case of lab-confirmed RSV, in a setting of ≥2 cases of “acute respiratory illness (ARI**)” within a 72-hour period</p> <p>**ARI = two or more of the following: fever, cough, rhinorrhea, nasal congestion, sore throat, muscle ache</p>

**To report a suspected outbreak to County of San Diego**

Call: 619-692-8499

Email: [PHS.OutbreakReporting.HHSA@sdcounty.ca.gov](mailto:PHS.OutbreakReporting.HHSA@sdcounty.ca.gov)

**For internal use only. Not for distribution.**

# Quick Reference Table for Respiratory Viruses



	Influenza	COVID-19	RSV
<b>Mask or Respirator</b>	Surgical Mask	N95 or higher level respirator	Surgical Mask
<b>Eye Protection</b>	Per Standard Precautions	Yes	Per Standard Precautions
<b>Gown</b>	Per Standard Precautions	Yes	Yes
<b>Gloves</b>	Per Standard Precautions	Yes	Yes
<b>Duration of Isolation for Residents</b>	≥ 7 Days with fever resolution and symptom improvement	≥ 10 Days with fever resolution and symptom improvement	≥ 7 Days with fever resolution and symptom improvement
<b>Duration of Isolation for HCP</b>	<b>Per CDPH AFL 25-01:</b> - Exclude for AT LEAST 3 days since symptom onset <b>AND</b> Afebrile >24 hours w/o antipyretics and symptom improvement Masking upon return x 10 days after symptom onset in all patient care/common areas Perform frequent hand hygiene		
<b>Vaccination Available</b>	Yes	Yes	Yes
<b>Post-Exposure Prophylaxis Available</b>	Yes	No	No
<b>Antiviral Available</b>	Yes	Yes	No

For internal use only. Not for distribution.

# Norovirus/Gastroenteritis



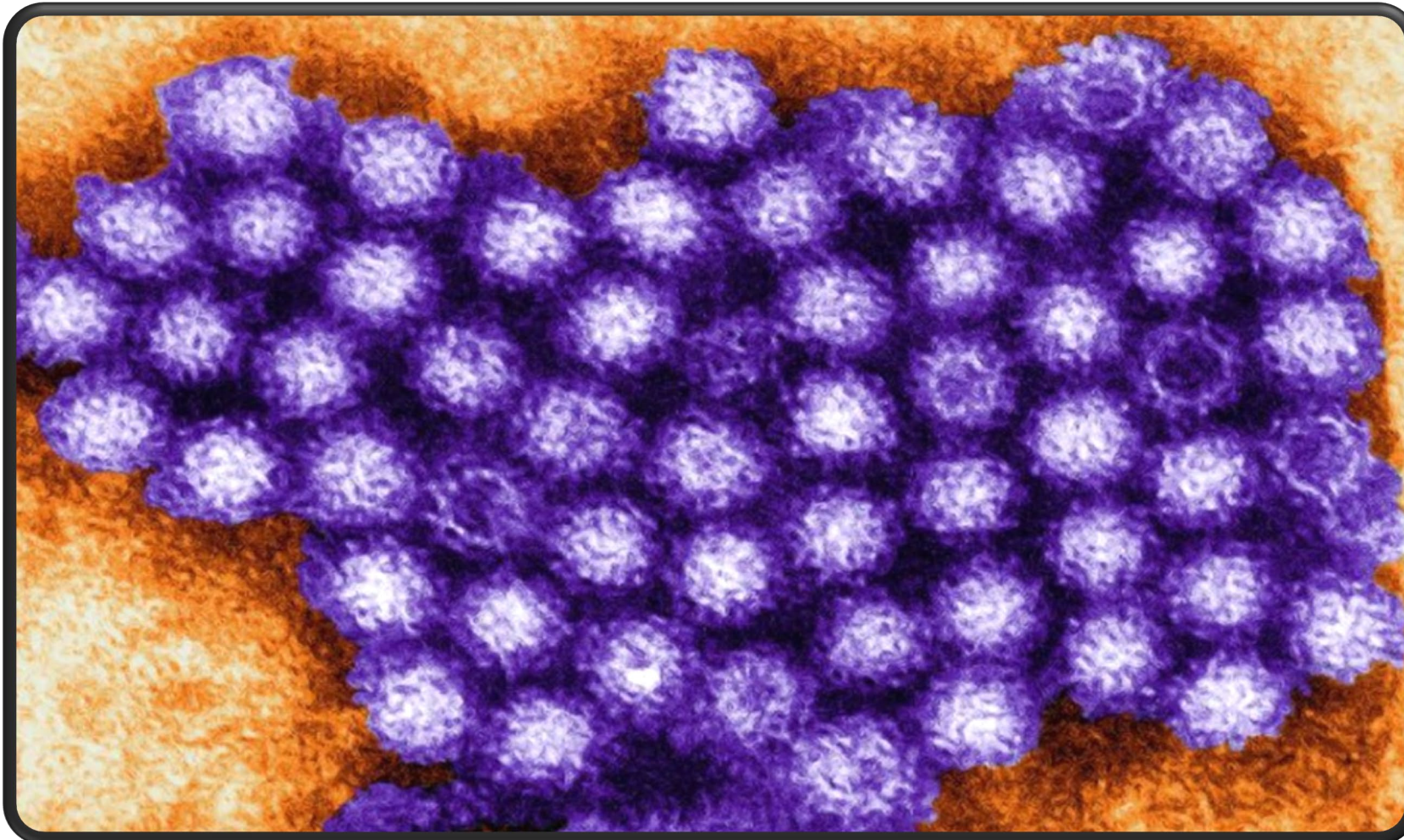
COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



For internal use only. Not for distribution.

# Norovirus



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



- A very contagious virus causing gastrointestinal illness; "stomach flu"
- **Incubation period:** 12-48 hours
- **Duration of symptoms:** 1-3 days
- **Infectious period:** from symptom onset to 48-72 hours after symptom resolution

## Common signs/symptoms

- Diarrhea, vomiting, nausea, abdominal cramping, low grade fever, chills, aches, and fatigue
  - Dehydration d/t diarrhea and vomiting



Diarrhea



Nausea, Vomiting, and  
Stomach Cramping



Low Grade Fever  
and Chills

For internal use only. Not for distribution.



# Norovirus



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program

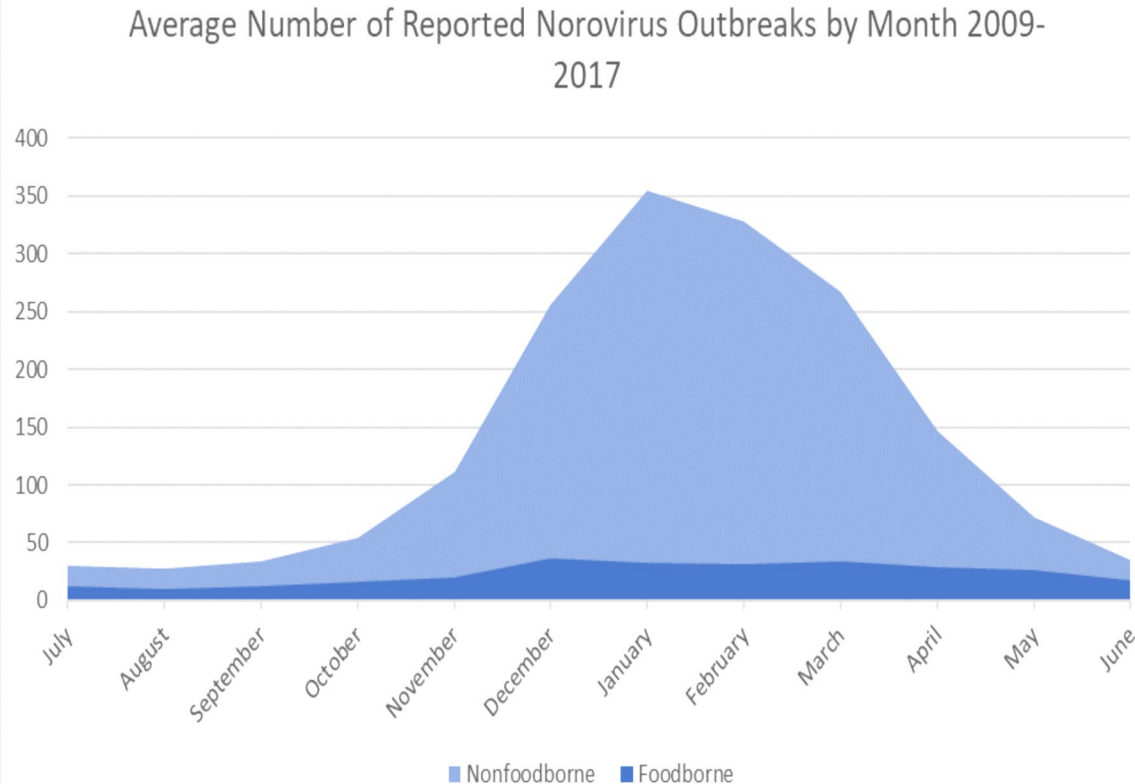
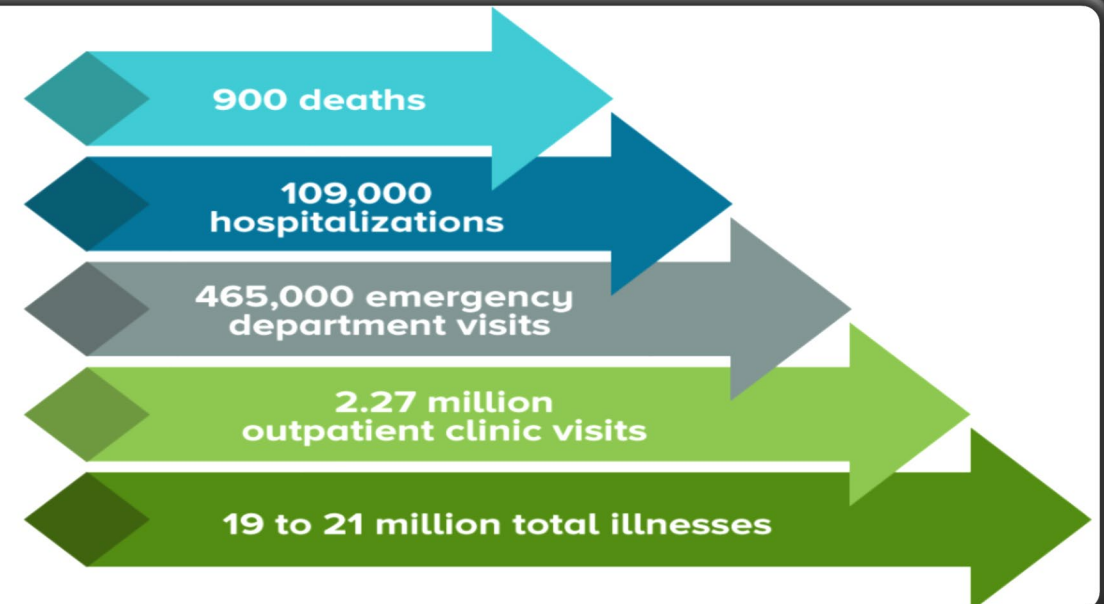


Figure: Reported norovirus outbreaks were highest between November and April during 2009 to 2017.

<https://www.cdc.gov/norovirus/burden.html>

- **Seasonality:** Infections can happen all year round, however, norovirus outbreaks often peak in the winter months (Nov-April)
- **U.S. Norovirus Data**



For internal use only. Not for distribution.

# Noro: Who is at Risk?



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program

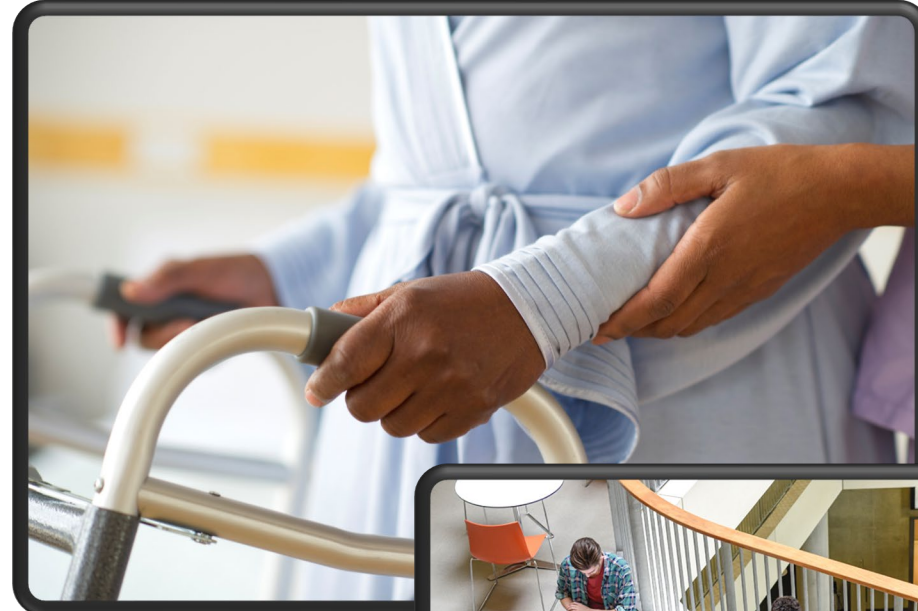


## Vulnerable Population

- Young children
- Elderly
- People with medical conditions

## At Risk Settings

- Healthcare facilities
- Daycare centers and schools
- Restaurants
- Cruise ships



For internal use only. Not for distribution.

# Noro: Transmission



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## How contagious is norovirus?



Just a **very small amount** - as few as 18 viral particles - of norovirus on your food or your hands can make you sick.

In fact, the amount of virus particles that fit on the head of a pin would be enough to infect **more than 1,000 people!**

Source: Journal of Medical Virology, August, 2008

[PLoS One](#). 2015; 10(8): e0134277.

Published online 2015 Aug 19. doi: [10.1371/journal.pone.0134277](https://doi.org/10.1371/journal.pone.0134277)

PMCID: PMC4545942

PMID: [26287612](https://pubmed.ncbi.nlm.nih.gov/26287612/)

Aerosolization of a Human Norovirus Surrogate, Bacteriophage MS2, during Simulated Vomiting

[Grace Tung-Thompson](#),<sup>1, ¶</sup> [Dominic A. Libera](#),<sup>2, ¶</sup> [Kenneth L. Koch](#),<sup>3</sup> [Francis L. de los Reyes, III](#),<sup>2, ‡\*</sup> and [Lee-Ann Jaykus](#)<sup>1, ‡</sup>

- **Transmission Routes:**
  - Eating contaminated food/drinks
  - Touching contaminated objects/surfaces then placing hand to mouth
  - Sharing toilet facilities with ill person
  - Cleaning up vomit/diarrhea from infected person w/o proper PPE
  - Direct contact with infected/symptomatic person
- Noroviruses can survive for long periods on surfaces

For internal use only. Not for distribution.



# NORO: Lab Testing/Diagnosis



- **Norovirus is diagnosed through PCR or rapid EIA**
  - PCR is preferred due to poor sensitivity of EIA methods
  - Vomitus can be tested, but fresh (unfrozen) stool preferred
  - Antibody testing – possible but not ideal



For internal use only. Not for distribution.

Facility should not wait for test results before implementing control measures



# Norovirus



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



- **Treatment:** Symptoms typically resolve without treatment; symptoms are managed and supported.



For internal use only. Not for distribution.

# Noro: Outbreak definitions



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## **Viral gastroenteritis Outbreak Definition:**

2 or more epidemiologically-linked cases of new onset vomiting and/or diarrhea within a 1-2 day period

## **To report your suspected outbreak to County:**

- Call: 619-692-8499
- Email: [PHS.OutbreakReporting.HHSA@sdcounty.ca.gov](mailto:PHS.OutbreakReporting.HHSA@sdcounty.ca.gov)

For internal use only. Not for distribution.

# Noro: Available Guidance

For internal use only. Not for distribution.



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## RECOMMENDATIONS FOR THE PREVENTION AND CONTROL OF VIRAL GASTROENTERITIS OUTBREAKS IN CALIFORNIA LONG-TERM CARE FACILITIES

California Department of Health Services  
Division of Communicable Disease Control  
In Consultation with Licensing and Certification Program

850 Marina Bay Parkway  
Richmond, California 94804

October 2006

ARNOLD SCHWARZENEGGER  
Governor  
State of California



Kimberly Belshé, Secretary  
Health and Human Services Agency

Sandra Shewry, Director  
Department of Health Services

## Norovirus Toolkit for LTCFs

This toolkit is designed to be used in conjunction with the guidance *Recommendations for the Prevention and Control of Viral Gastroenteritis Outbreaks in California Long-Term Care Facilities* (October 2006), authored by the California Department of Health Services in consultation with the Licensing and Certification Program. This document is available at: <http://www.cdph.ca.gov/pubsforms/Guidelines/Documents/PCofViralGastroenteritisOutbreaks.pdf>.

This toolkit contains supplementary documents authored by the County of San Diego that are intended to help long-term care and other group residence facilities in San Diego County implement the aforementioned guidelines.

1. Best Practices: Control of Viral Gastroenteritis Outbreaks in Group Residence Facilities
2. Norovirus Cleaning and Disinfection
3. Q & A: Norovirus
4. NORO-Clean!

Questions related to these documents may be directed to the Community Epidemiology Branch at 619-515-6620.



CEB Norovirus Toolkit  
January 2010

## GUIDELINE FOR THE PREVENTION AND CONTROL OF NOROVIRUS

### GASTROENTERITIS OUTBREAKS IN HEALTHCARE SETTINGS

Taranisia MacCannell, PhD, MSc<sup>1</sup>; Craig A. Umscheid, MD, MSCE<sup>2</sup>; Rajender K. Agarwal, MD, MPH<sup>2</sup>; Ingi Lee, MD, MSCE<sup>2</sup>; Gretchen Kuntz, MSW, MSLIS<sup>2</sup>; Kurt B. Stevenson, MD, MPH<sup>3</sup> and the Healthcare Infection Control Practices Advisory Committee (HICPAC)<sup>4</sup>

<sup>1</sup> Division of Healthcare Quality Promotion  
Centers for Disease Control and Prevention  
Atlanta, GA

<sup>2</sup> Center for Evidence-based Practice  
University of Pennsylvania Health System  
Philadelphia, PA

<sup>3</sup> Division of Infectious Diseases  
The Ohio State University,  
Columbus, OH



Available from: <https://www.cdc.gov/infection-control/hcp/norovirus-guidelines/index.html>

[https://www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/PCofViralGastroenteritisOutbreaks\\_AD\\_A.pdf](https://www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/PCofViralGastroenteritisOutbreaks_AD_A.pdf)

[https://www.sandiegocounty.gov/hhsa/programs/phs/documents/CEB\\_DC\\_noro\\_Norovirus\\_Toolkit\\_for\\_LTCFs\\_web.pdf](https://www.sandiegocounty.gov/hhsa/programs/phs/documents/CEB_DC_noro_Norovirus_Toolkit_for_LTCFs_web.pdf)

<https://www.cdc.gov/infection-control/media/pdfs/Guideline-Norovirus-H.pdf>

# Noro: Guidance Key Points



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## Surveillance:

- Implement daily active surveillance for symptoms in residents/staff
- Maintain a line list of ill residents, staff, visitors

## Personnel Management:

- Exclude symptomatic staff until symptom free for at least 48 hours
- Discontinue floating staff between affected/unaffected units until 4 days after last case onset
- Adherence monitoring to ensure staff are performing hand hygiene and using PPE appropriately



For internal use only. Not for distribution.



# Noro: Guidance Key Points



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



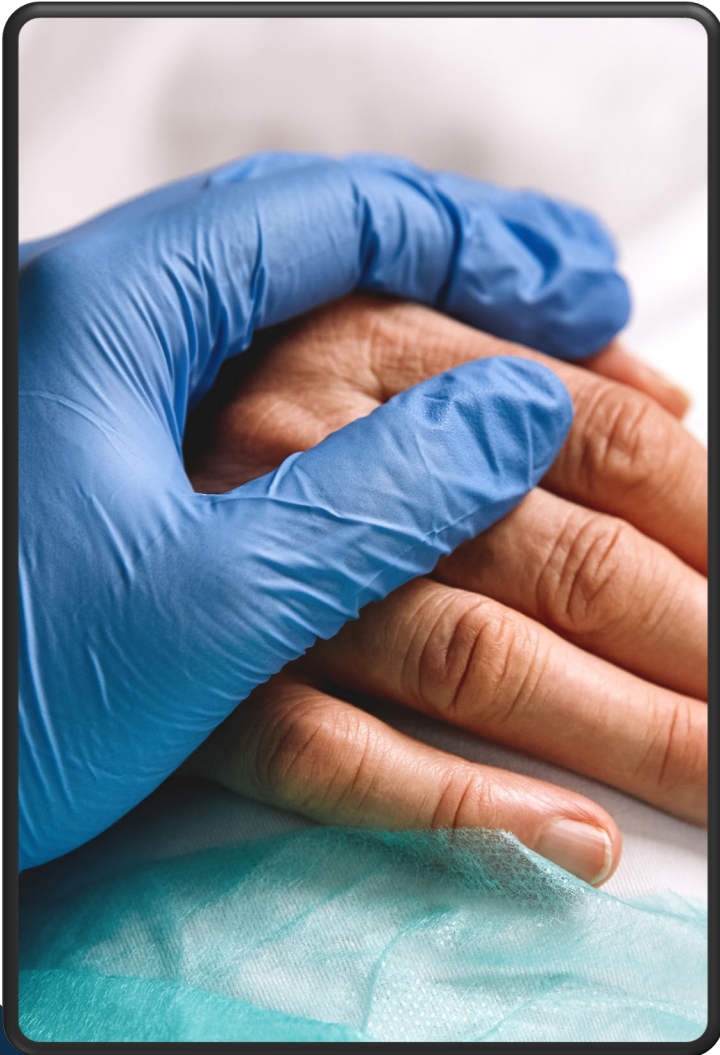
LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



ACCREDITED HEALTH DEPARTMENT  
PHAB  
Advancing public health  
performance  
PUBLIC HEALTH ACCREDITATION BOARD



## Resident Management:

- Symptomatic residents: confine residents to room until symptom free for at least 48 hours
  - Staff should use PPE when caring for ill residents: **Contact + Standard**
  - Consider adding surgical mask/eye protection if there is anticipated risk of splash to the face during patient care or environmental cleaning
- Minimize resident movement: Asymptomatic/exposed residents should not be moved to unaffected units.
- Limit or hold new admissions in affected units until no new cases for at least 48 hours.
- Cancel/postpone group dining/activities for affected units until 4 days after the last identified case

**For internal use only. Not for distribution.**

# Noro: Guidance Key Points



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## Environmental Cleaning/Disinfection:

- If there has been vomit/fecal spillage, important to clean PROMPTLY
  - Clean/disinfect within a **10–25 foot** radius of vomit incident, from clean to dirty
  - EVS personnel should wear gown, gloves, surgical mask at minimum.
  - Clean carpets/soft furnishings with hot water and detergent, or steam cleaning. Dry vacuuming is not recommended
- Increase frequency of routine environmental cleaning, including bathrooms, resident rooms, and high-touch surface areas
  - Do not reuse mopheads/cleaning cloths/toilet brushes, etc. in-between resident rooms, especially between ill and non-ill residents



Vomiting Larry: <https://youtu.be/sLDSNvQjXe8>

For internal use only. Not for distribution.

# Noro: Guidance Key Points



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## Environmental Cleaning/Disinfection, continued:

- *Change privacy curtains* upon patient discharge/transfer
- *Soiled linens should be handled carefully*, to avoid agitation.
  - Staff should use appropriate PPE to minimize risk of contamination
  - Use hot water, detergent, and hot dryer until completely dry
  - Store linens/laundry in closed containers until ready to wash



For internal use only. Not for distribution.



# Noro: Guidance Key Points



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



## Environmental Cleaning/Disinfection, continued:

- *Use EPA approved disinfectant effective against Norovirus or bleach solution (mixed daily) to disinfect potentially contaminated surfaces*
  - Bleach: 1:10 of 6% bleach w/ contact time of 5 minutes
  - EPA List G\*: <https://www.epa.gov/pesticide-registration/list-g-antimicrobial-products-registered-epa-claims-against-norovirus-feline>
    - \*effectiveness is theoretical, tested on feline calicivirus
- *Clean/disinfect shared equipment between resident uses*
- *Adherence monitoring to ensure cleaning/disinfection is being done correctly*

For internal use only. Not for distribution.



# Noro: Guidance Key Points

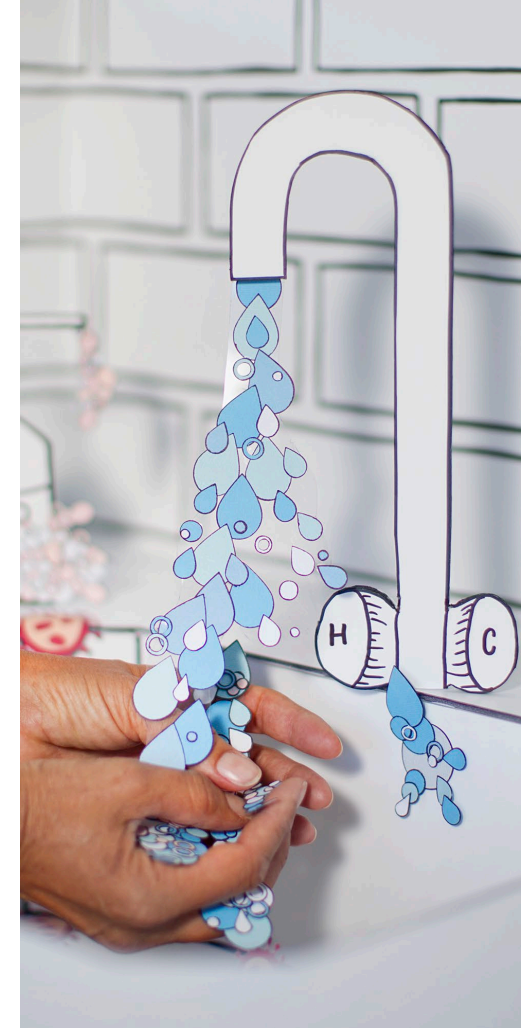


## Communication/Education:

- Prompt reporting to County Public Health 619-692-8499 or [PHS.OutbreakReporting.HHSA@sdcounty.ca.gov](mailto:PHS.OutbreakReporting.HHSA@sdcounty.ca.gov) for cluster of cases, if there is a sudden increase in cases, death, or ill food handler
- Communicate with facility leadership, Licensing & Certification, staff, residents, family members, visitors
  - Post signage at facility entrances/common areas (e.g., hand hygiene, staying home if ill)
  - Provide education/reminders/in-services

## Hand Hygiene:

- *Emphasize hand washing with soap and water* for residents/staff/visitors
- *Alcohol-based hand sanitizers* may be still be used if not visibly soiled



For internal use only. Not for distribution.

# Outbreak Reporting



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



- All outbreaks are reportable to the Local Health Department, per CDPH AFL 23-08 and California Code of Regulations Title 17
- County of San Diego can receive your outbreak report and provide resources
  - **Call:** 619-692-8499
  - **Email:** [PHS.OutbreakReporting.HHSA@sdcounty.ca.gov](mailto:PHS.OutbreakReporting.HHSA@sdcounty.ca.gov)



For internal use only. Not for distribution.

# What can the HAI Program do to help?



Outbreak  
response

Support IP  
rounding

Interpret  
state/federal  
guidance

Support staff  
in-services

Support  
quality  
improvement  
projects

Share  
resources  
and tools

For internal use only. Not for distribution.



# General Respiratory References



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



- CDC Viral Respiratory Pathogens Toolkit  
<https://www.cdc.gov/long-term-care-facilities/media/pdfs/Viral-Respiratory-Pathogens-Toolkit-508.pdf>
- CDPH Recommendations for Prevention and Control of COVID-19, Influenza, and Other Respiratory Viral Infections in California Skilled Nursing Facilities – 2024-2025  
[https://www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/CA\\_RecsPrevControl\\_RespVirus\\_SNFs.pdf](https://www.cdph.ca.gov/Programs/CHCQ/HAI/CDPH%20Document%20Library/CA_RecsPrevControl_RespVirus_SNFs.pdf)
- County of San Diego – Respiratory Viruses Webpage  
[https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/community\\_epidemiology/dc/respiratoryviruses.htm](https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/community_epidemiology/dc/respiratoryviruses.htm)  
!

For internal use only. Not for distribution.



# Influenza Resources



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



Healthcare  
Associated  
Infections  
Program



- CDC Testing and Management Considerations for Nursing Home Residents with Acute Respiratory Illness Symptoms when SARS-CoV-2 and Influenza Viruses are Co-circulating  
<https://www.cdc.gov/flu/hcp/testing-methods/nursing-homes.html>
- CDC Interim Guidance for Influenza Outbreak Management in Long Term Care and Post-Acute Care Facilities  
<https://www.cdc.gov/flu/hcp/infection-control/ltc-facility-guidance.html>
- County of San Diego – Guidance for High-Risk Groups  
[https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/immunization\\_branch/Vaccine\\_Preventable\\_Diseases/Seasonal\\_Influenza/Flu\\_Resources1.html](https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/immunization_branch/Vaccine_Preventable_Diseases/Seasonal_Influenza/Flu_Resources1.html)
- County of San Diego HCP Influenza Mandates  
[https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/immunization\\_branch/Vaccine\\_Preventable\\_Diseases/Seasonal\\_Influenza/HealthcareFluMandates.html](https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/immunization_branch/Vaccine_Preventable_Diseases/Seasonal_Influenza/HealthcareFluMandates.html)

For internal use only. Not for distribution.

# COVID-19 & RSV Resources



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



- CDC Infection Control Guidance: SARS-CoV-2  
<https://www.cdc.gov/covid/hcp/infection-control>
- CDPH COVID-19 Related AFLs  
<https://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/COVID-19-AFLs.aspx>
- CDPH Improving Ventilation Practices to Reduce COVID-19 Transmission Risk in Skilled Nursing Facilities  
<https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/OHB/Pages/ventilationFAQ.aspx>
- County of San Diego COVID-19 Website  
<https://coronavirus-sd.com/>
- County of San Diego COVID-19 Reporting  
[https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/community\\_epidemiology/dc/2019-nCoV/Reporting.html](https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/community_epidemiology/dc/2019-nCoV/Reporting.html)
- CDC Respiratory Syncytial Virus Infection (RSV) Webpage  
<https://www.cdc.gov/rsv/about/index.html>

For internal use only. Not for distribution.

# Noro Resources



COUNTY OF SAN DIEGO  
HEALTH AND HUMAN  
SERVICES AGENCY



LIVE WELL  
SAN DIEGO



Healthcare  
Associated  
Infections  
Program



- CDC Guideline for Prevention & Control of Norovirus Gastroenteritis Outbreaks in Healthcare Settings (2011 and 2017 updates)
  - <https://www.cdc.gov/infection-control/hcp/norovirus-guidelines/>
  - <https://www.cdc.gov/infection-control/hcp/norovirus-guidelines/updates.html>
- LA County Norovirus Outbreak Prevention Toolkit (2023)  
<http://publichealth.lacounty.gov/acd/docs/Norovirus/NorovirusToolkit2023.pdf>
- County of San Diego Norovirus Page  
[https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/community\\_epidemiology/dc/dc\\_norovirus.html](https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/community_epidemiology/dc/dc_norovirus.html)

For internal use only. Not for distribution.



For internal use only. Not for distribution.





# Next Collaborative

**\*\*\*September 24, 2025\*\*\***

**11:00AM – 12:00PM**

**Microsoft TEAMS**

Featured Topic:

**“Infection Precautions during a SNF Evacuation”**

**1 Contact Hour Offered**

Submit questions or  
feedback about today’s meeting to:

[PHS.HAI.HHSA@sdcounty.ca.gov](mailto:PHS.HAI.HHSA@sdcounty.ca.gov)

For internal use only. Not for distribution.

# Contact Hour Instructions

---

- **Ensure your name is your full name**
- **Complete by August 29th, 5:00 PM**
- **Expect your certificate by Sept 15<sup>th</sup>.**



For internal use only. Not for distribution.



# Contact us at:

[PHS.HAI.HHSA@sdcounty.ca.gov](mailto:PHS.HAI.HHSA@sdcounty.ca.gov)



*The Public Health Services department, County of San Diego Health and Human Services Agency, has maintained national public health accreditation, since May 17, 2016, and was re-accredited by the Public Health Accreditation Board on August 21, 2023.*

For internal use only. Not for distribution.

