

PUBLIC HEALTH REOPENING PROTOCOL FAMILY ENTERTAINMENT CENTERS

Effective Date: Wednesday, May 5, 2021, 12:01 AM

Recent Updates: (Changes are highlighted in yellow)

5/4/2021:

- Effective May 5, 2021, the Health Officer order for the City of Pasadena allows for sector reopenings consistent with **Tier 4, Minimal (Yellow)** of the State of CA Public Health Order Blueprint for a Safer Economy.
- Family entertainment centers can operate indoors at 50% maximum capacity, and can increase indoor capacity to 75% if all customers are verified to be tested or fully vaccinated.
- Family entertainment centers that host events, demonstrations, or multi-team youth and recreational sports competitions must notify the Public Health Department no less than 14 days before the activity and follow the specified public health reopening protocol.
- Within 30 days of reopening, the HVAC system must be evaluated by a certified HVAC Specialist to ensure it is clean and in good working order, filters are replaced or upgraded, and to the maximum extent possible, ventilation has been increased. Operators are required to maintain HVAC maintenance invoices on-site, and provide a copy upon request. The HVAC maintenance invoice must be dated in calendar year 2021.
- Communicate to employees regarding new paid sick benefits available in 2021.
- Frequency reduced for cleaning and disinfection of certain surfaces to once daily to align with updated CDC guidance.

At this time, all public health jurisdictions in Los Angeles County, including the City of Pasadena, are in **Tier 4, Minimal (Yellow)** of the State of CA Public Health Order [Blueprint for a Safer Economy](#).

Outdoor Activities

Family entertainment centers may operate outdoor activities including playgrounds, skate parks, roller and ice skating rinks, laser tag, paintball, batting cages, kart racing, and miniature golf. Family entertainment centers may also open carousel, ferris wheel and train rides that are operated independently from an amusement park.

Indoor Activities

Family entertainment centers may operate indoors at **50% capacity** for naturally distanced activities (indoor bumper cars, indoor batting cages, bowling alleys, escape rooms, kiddie rides, and virtual reality) and activities with increased mixing and proximity (arcade games, trampolines, indoor laser tag, indoor roller and ice skating, indoor skate parks, and indoor playgrounds). If all guests are tested or show proof of full vaccination, **an indoor capacity of 75% is allowed**. Establishments that wish to increase indoor capacity to 75% must train and assign an employee to review customer COVID-19 test results and vaccination documents, either prior to arrival, or at the point of entry.

Live Performances, Demonstrations, Private Events, Meetings, and Competitions

Family entertainment centers may host live performances, demonstrations, private events, meetings, and competitions in compliance with the applicable protocol. The establishment must close for normal operation during the event, unless able to ensure the event attendees do not intermingle with other customers. If the event occurs during normal operation, centers are required to provide a separate entrance and exit into the event area, and are strongly recommended to provide a separate restroom for the event guests.

- Family entertainment centers with convention space, rentable meeting rooms, and other areas for private events such as birthday parties, may host events in compliance with the [Private Venues and Events Protocol](#). At least 14 days before hosting the event, the event organizer must complete the Protocol and submit into the [Event Portal](#).
- Family entertainment centers that host multi-team sporting competitions may host the competition in compliance with the [Outdoor and Indoor Youth and Recreational Adult Sports Protocol](#). At least 14 days before the competition, the event organizer must complete the protocol and submit into the [Request for Exception to the Two Team Competition Rule Portal](#).
- Demonstrations such as magic and live animal shows, and other live performances, may occur in compliance with the [Indoor Seated Live Events Protocol](#) or [Outdoor Seated Live Events Protocol](#). At least 14 days before hosting the demonstration or performance, the event organizer must complete the protocol and submit into the [Event Portal](#).

PROTECTING CUSTOMERS AND STAFF FROM COVID-19

In the midst of the COVID-19 pandemic, businesses must take steps to reduce the risk of an outbreak occurring among patrons and staff. Depending on the situation, public notification of an exposure to COVID-19 may be required. Help ensure staff are enrolled in health insurance and have an established relationship with a primary care doctor prior to reopening. Staff can call 211 for information on health insurance and primary care physicians.

- **Operators are required to make an immediate report to the Pasadena Public Health Department any time a visitor or staff member with COVID-19 (confirmed by a lab test or physician diagnosis) was at the establishment while sick or up to 48 hours before showing symptoms or receiving a positive test (if asymptomatic).** Establishment operators must email nursing@cityofpasadena.net or call (626) 744-6089 and provide all information requested by the Health Department. The operator is expected to provide or ensure testing for all staff that have had a possible exposure and must follow the US Centers for Disease Control and Prevention (CDC) [guidance](#) for cleaning and disinfecting the facility. Testing resources can be found through the staff member's physician, and also at <https://www.cityofpasadena.net/covid-19/> and <https://covid19.lacounty.gov/>.
- **Educate staff to contact their supervisor if a staff member or visitor is feeling sick.** The supervisor should send the ill staff member home immediately, taking care to maintain that person's privacy and observing physical distancing. If the person cannot leave the premises right away, utilize a safe, designated space for isolation (6 feet or more away from others). If the illness is work-related, the employer should facilitate appropriate care for the staff member, the worker's compensation process, leave time, and California Occupational Safety and Health Administration (OSHA) record keeping.

- **Work with the Pasadena Public Health Department to investigate any COVID-19 illness.** Prepare customer and personnel records, facility floor plans, and shift/attendance logs to provide information as quickly as possible to the Health Department, including accurate contact information (phone, address, email) of all customers and staff who were in contact within 6 feet of the infectious person for a cumulative 15 minutes or more in a 24-hour period, and other individuals as specified by the Health Department. Implement measures recommended by the Health Department.

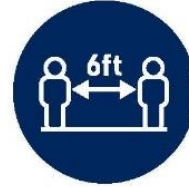
Key Practices



COVER YOUR COUGH WITH YOUR ELBOW OR TISSUE (THEN DISPOSE AND WASH YOUR HANDS)



STAY HOME IF YOU ARE SICK



PRACTICE PHYSICAL DISTANCING OF 6 FEET OR MORE



WASH YOUR HANDS WITH SOAP AND WATER FOR 20 SECONDS, FREQUENTLY



COVER NOSE AND MOUTH WITH A HIGH QUALITY MASK



PERFORM DAILY HEALTH SCREENINGS

Steps to Reopen

- ✓ Complete and implement the Public Health Reopening Protocol Checklist.
- ✓ Provide a copy of the Public Health Reopening Protocol to each employee and conduct education.
- ✓ Post a copy of Public Health Reopening Protocol in a conspicuous location that is visible to employees and customers and post to your website.

Helpful Contact Information

- If you have questions, or if you observe a violation, you can request information or submit a complaint through the Citizen Service Center. Call 626-744-7311 or visit <https://www.cityofpasadena.net/CSC>.
- Additional resources, including a printable COVID-19 Business Toolkit Signage, is available at <https://www.cityofpasadena.net/covid-19/#info-for-businesses>.

PUBLIC HEALTH REOPENING PROTOCOL CHECKLIST

FAMILY ENTERTAINMENT CENTERS

REDUCING RISK OF COVID-19 TRANSMISSION

Family entertainment centers must implement all applicable measures listed below and be prepared to explain why any measure that is not implemented is inapplicable to the site. All policies described in this checklist, other than those related to terms of employment, are applicable to delivery staff and other third party companies on the premises. Designate one individual to be in charge of planning and implementation of all items. Submission of Protocol to a City Department is not required unless explicitly requested.

PERSON RESPONSIBLE FOR IMPLEMENTING PROTOCOLS		
Family Entertainment Center Name:		Date:
Person in Charge:		Title:
Email:		Phone:
Indoor Occupancy:	Indoor Occupancy at 50%:	Indoor Occupancy at 75%: <i>(All customer's vaccination or test results must be verified)</i>

ADDITIONAL PROTOCOLS IN ORDER TO REOPEN (if applicable)

Additional protocols relevant to operations must also be followed:

<https://www.cityofpasadena.net/covid-19/#guidance-faq-protocols>

- Private Venues and Events – Public Health Reopening Protocol
- Indoor Seated Live Events – Public Health Reopening Protocol
- Outdoor Seated Live Events – Public Health Reopening Protocol
- Outdoor and Indoor Youth and Recreational Adult Sports – Public Health Reopening Protocol
- Office Workspace – Public Health Reopening Protocol
- Restaurants, Bars and Breweries – Public Health Reopening Protocol
- Retail – Public Health Reopening Protocol

MEASURES THAT ENSURE EQUITABLE ACCESS TO CRITICAL SERVICES

- Services that are critical to customers and guests have been prioritized.
- Transactions or services that can be offered remotely have been moved online.
- Measures are instituted to assure access to goods and services for customers and guests who have mobility limitations and/or are at high risk in public spaces

EXTERNAL COMMUNICATION

- Post signage reminding customers to maintain a distance of at least 6 feet at all times. If helpful, post diagrams or maps of how people should flow through the site.
- Post signage instructing customers to wear a face mask at all times, and to remain at home if experiencing any symptoms including fever of 100°F or above, cough, shortness of breath or difficulty breathing, fatigue, sore throat, chills, headache, muscle or body aches, a new loss of taste or smell, congestion or runny nose, nausea, vomiting, or diarrhea. Consult the CDC website for the most current list of COVID-19 [symptoms](#).
- Communicate the establishment's new protocols by posting information on your website and social media pages regarding new protocols, including physical distancing measures and the use of face masks.
- Post a copy of all pages of this completed Protocol in a conspicuous location that is easily visible to employees, customers, and the public.
- Provide copies of the completed Protocol to all employees.

INTERNAL COMMUNICATION, TRAINING AND RECORDS

- Provide training to employees on all sections of the Protocol including:
 - Information on [COVID-19](#).
 - How to identify [symptoms](#) of COVID-19 and how to self-screen and conduct symptom checks.
 - The importance of not coming to work if they are experiencing symptoms of COVID-19, or if someone they live with has been diagnosed with COVID-19.
 - Proper use and care of face masks ([CDC guidance on masks](#)).
 - Physical distancing measures, sanitization, and handwashing.
 - Safety protocols for use of disinfecting solutions.
 - Information on employer or government sponsored leave benefits the employee may be entitled to receive that would provide financial support to stay at home while ill. Provide additional information on [government programs](#) supporting sick leave and workers' compensation for COVID-19, including employee's sick leave rights under the [2021 COVID-19 Supplemental Paid Sick Leave Law](#).
- Maintain records of each employee's schedule and work area or assignment.
- Consider posting signs for the national distress hotline: 1-800-985-5990, or text TalkWithUs to 66746.

PROTECTION OF EMPLOYEE HEALTH

Access to COVID-19 Vaccine

Individuals ages 16 years and older are currently eligible to obtain a vaccine effective against COVID-19. Provide information and registration assistance to staff. [Individuals may sign up at myturn.ca.gov, call the CA COVID-19 Hotline 1-833-422-4255, access the Pasadena On-call Form, or may call the Pasadena Citizen Service Center at 626-744-7311 for assistance.](#) Links to vaccine appointments at pharmacies and other federal, state, and county sites are available at the [PPHD website](#).

Health Screening

- ❑ Conduct daily symptom checks (fever of 100°F or above, cough, shortness of breath or difficulty breathing, fatigue, sore throat, chills, headache, muscle or body aches, a new loss of taste or smell, congestion or runny nose, nausea, vomiting, or diarrhea) before or upon arrival. The screening prior to arrival must include asking if the employee has had contact with a person known to be infected with COVID-19 in the last 14 days, and whether the individual is currently under isolation or quarantine orders. Consult the CDC website for the most current list of COVID-19 [symptoms](#).
- ❑ Send employees home immediately if they arrive sick or become sick during the day. Encourage sick employees to contact their medical provider. Employees who need information on health insurance or providers can call 211.
- ❑ Notify employees that they are not to come to work if sick or if they are exposed to a person who has COVID-19. Employers must comply with Cal-OSHA requirements for quarantine and isolation, if stricter than the Pasadena Public Health Department (PPHD). For the purposes of PPHD, employees who are [fully vaccinated](#) for COVID-19 do not need to quarantine after exposure to someone with COVID-19 if asymptomatic, and may come to work if asymptomatic. The local Health Officer Order requires everyone to self-isolate when sick with COVID-19. It also requires individuals to self-quarantine for 10 days from last contact with someone with COVID-19, unless fully vaccinated. Anyone who is a close contact with someone with COVID-19 must check for symptoms for 14 days regardless of vaccination status. The employee must isolate from others immediately if symptoms develop within 14 days of exposure. Quarantine must be maintained for 10 days, even if test results are negative (no virus detected).
- ❑ Require a sick employee to stay home for at least 10 days, or until 24 hours after fever and symptoms resolve (without use of fever-reducing medications), whichever is longer.
- ❑ Review and modify workplace leave policies to ensure employees are not penalized when they stay home due to illness.
- ❑ Institute a plan in the event that one or more employees is diagnosed (by a physician or lab test) with COVID-19. The plan should include immediate isolation of the employee at home and self-quarantine of everyone that came into contact (within 6 feet for a cumulative total of 15 minutes or more over a 24-hour period, regardless of whether a mask was worn) with the ill employee, except fully vaccinated individuals who are asymptomatic. The plan should also include options for all employees identified as contacts to be tested for COVID-19 with an FDA-approved PCR test (not a blood test) if they are not fully vaccinated. However, contacts must still maintain quarantine for 10 days, even with a negative test, if they are not fully vaccinated.
- ❑ Screen customers for symptoms upon arrival, ask customers whether they are currently under isolation or quarantine orders, and ask them to use hand sanitizer and to wear a face mask.

Verifying Full Vaccination

- ❑ **Individuals are considered fully vaccinated for COVID-19:**
 - 2 weeks or more after they have received the second dose in a 2-dose vaccine series (Pfizer-BioNTech or Moderna), or
 - 2 weeks or more after they have received a single-dose vaccine (Johnson and Johnson [J&J]/Janssen).

- ❑ With a photo ID, the following are acceptable as proof of full vaccination for COVID-19 and must include the name of person vaccinated, type of vaccine provided and date last dose was administered (a photo ID is not required for children/minors):
 - Vaccination card or
 - A printed or digital photo of the person's vaccination card stored on a phone or electronic device or
 - Documentation of full vaccination from a healthcare provider

Verifying COVID-19 Test Results

- ❑ Testing must be conducted within 72 hours before arrival, if using PCR. Antigen tests are acceptable and must be conducted within 24 hours of arrival. Results of the COVID-19 test must be provided to the establishment at the point of entry.
- ❑ With a photo ID, the following are acceptable as documentation of a negative test result (a photo ID is not required for children/minors):
 - A printed document from the test provider or laboratory, OR
 - An email or a text message from the test provider or laboratory located on the attendee's phone
- ❑ The information provided should include name of person tested, type of test performed, and date of negative test result (for PCR, date of negative result must be within prior 72 hours; for antigen, date of negative result must be within prior 24 hours).

General Operations

- ❑ Limit customer groups to a household unit, unless all individuals in the customer group are verified to be fully vaccinated.
- ❑ Implement timed and advanced reservation ticketing systems and pre-assigned seating or activity areas, whenever possible, to stagger customer visits. Ask customers to wait in their vehicle until their reservation time and to arrive and leave in a single group to minimize crossflow of customers and staff.
- ❑ Schedule at least 30 minutes between different households/customer groups in indoor spaces to allow for proper ventilation, when possible.
- ❑ Stagger reservations for activities.
- ❑ Close self-service item selection areas for games or activities, such as bowling balls on accessible racks, and provide these items to customers individually.
- ❑ Provide disposable or single-use items such as scorecards and pencils, when possible.
- ❑ Assign each employee their own tools, equipment, and defined workspace, and minimize or eliminate shared, held items.
- ❑ Prop doors and gates open where possible and applicable to reduce touching of handles, maintaining compliance with fire codes and accessibility standards.
- ❑ Install hands-free devices such as trashcans, soap and paper towel dispensers, door openers, and light switches where possible.

Payment Options

- Provide no-contact methods of payment.
 - For counter transactions, utilize a customer-facing credit card terminal, or instruct customers to place cash or card on the counter rather than directly onto the employee's hand. Provide the credit card receipt or change using the same process. Ask customers if they would like to use their own pen to sign. Disinfect the counter, credit card terminal, PIN pad, stylus, and shared pen after each use.
 - Employees must avoid touching their face when handling credit cards and cash.
 - Offer any transactions or services that can be handled remotely online.

Scheduling Employees

- Limit the number of employees who are on-site to the minimum number necessary, and institute alternate or staggered shift schedules to maximize physical distancing.
- Group employees into teams and schedule them consistently, by team, on the same shifts to reduce potential exposures.
- Allow employees who can carry out their work duties from home to continue to work from home, especially those at higher risk (65 or older or with underlying medical conditions). Reconfigure work processes to the extent possible.
- Stagger employee breaks, in compliance with wage and hour regulations, to maintain physical distancing.
- Provide time for employees to implement cleaning practices during their shift. Cleaning should be assigned during working hours as part of the employees' job duties. Procure options for third-party cleaning companies to assist with the increased cleaning demand, as needed.

Face Masks*

- Provide, at no cost, a 2-or more layer cloth face mask and/or disposable masks for all employees who have contact with the public or other employees, and instruct employees to wear a clean (washed daily), face mask over the nose and mouth at all times during the workday. Employees who have been instructed by their medical provider that they should not wear a face mask should wear a face shield with a drape on the bottom edge, to be in compliance with [State directives](#), as long as their condition permits it. A drape that is form fitting under the chin is preferred. Masks with one-way valves may not be used. Face masks are optional when alone in a room or private office.
- [Double masking](#), as described by the CDC, can increase protection if it improves the seal and filtration, so one option is wearing a multi-layer disposable mask with a multi-layer, well-fitting cloth mask that pulls the edges of a disposable mask against the face.
- Prohibit employees from eating or drinking anywhere inside the workplace other than designated break areas (staying at least 6 feet apart) to ensure face masks are worn consistently and correctly.

** Individuals with chronic respiratory conditions, or other medical conditions that make use of a face mask hazardous are exempted from this requirement. Children under age 2 years should not wear a face mask. Refer to the [CDC guidance on masks](#) for additional information on use and care of the face mask.*

Hand Hygiene

- Provide access to handwashing sinks stocked with soap, paper towels, and hands-free trash receptacles.
- Allow employees time during their shift to wash their hands frequently.
- Provide hand sanitizer dispensers throughout activity areas, lobbies, and service areas, for use by customers and workers. Hand sanitizer should be available for customers to use when activity items come into contact with shared surfaces (e.g., golf balls and golf cups, bowling balls and return machinery).
- Hand sanitizer, tissues, and trashcans must be made available to the public at or near the entrance.

Gloves and Protective Equipment

- Provide disposable gloves for employees who use cleaners and disinfectants, handle commonly touched items, and provide temperature screenings.
- Consider providing disposable gloves at each activity area for use by members of the public. Make available a means of disposal at each location where gloves are provided.

Restrooms

- Place trashcan near the door if the door cannot be opened without touching the handle, so restroom users may use a paper towel to cover the doorknob. Maintain compliance with accessibility standards and fire code.
- Clean and disinfect restrooms at least once per day or as often as determined is necessary using EPA-approved disinfectants and following the manufacturer's instructions for use.
- Designate an employee to ensure restrooms stay operational and stocked at all times.

Foodservice at Family Entertainment Centers

- Food may only be served in compliance with the [Restaurants, Bars and Breweries Protocol](#):
 - Food and beverage consumption is restricted to designated areas separate from gaming/activity areas.
 - Indoor dining areas are limited to 50% occupancy, regardless of customer test results or vaccination status. Indoor dining parties are limited to 6 or fewer individuals, and all must be from the same household unless all individuals in the customer group are verified to be fully vaccinated.
 - Tables must be spaced at least 6 feet apart, when measured from the back of the chair at one table to the back of the chair at the adjacent table while diners are seated. This also allows for passing room between tables and accounts for chairs being pushed out and occupied by seated customers. Maximize the distance between indoor tables beyond the required 6 feet wherever possible to minimize the risks from customers eating indoors without face coverings. Plexiglass or other barriers do not substitute for the required distance between tables and 6 feet distance between diners.
 - Guests are required to wear a face mask at all times, except when seated in a designated dining area.

- Encourage customers to order online or over the phone, whenever possible, and make items available for counter pick-up.

PHYSICAL DISTANCING

Physical distancing must be observed and enforced by the establishment.

- Family entertainment centers may reopen indoors at a maximum capacity of 50% based on applicable Building or Fire Code, or based on the number of people that can be in the establishment while maintaining physical distancing of at least 6 feet between individuals who are not in the same household/customer group. If all guests are tested or show proof of full vaccination, an indoor capacity of 75% is allowed. Establishments that wish to increase indoor capacity to 75% must train and assign an employee to review customer COVID-19 test results and vaccination documents either prior to arrival or at the point of entry.
- Limit customer groups to a household unit, unless all individuals in the customer group are verified to be fully vaccinated. People from the same household/customer group do not need to be six feet apart.
- The establishment must strictly and continuously meter the entry and exit of customers at all entrances in order to track occupancy to ensure compliance with capacity limits. Establishments that are insufficiently or not metering or appear to be over-capacity, may, at the discretion of the public health inspector, be temporarily closed until these issues are rectified as determined by the onsite public health inspector.
- Install impermeable, protective barriers at cashier counters, checkout stations, and reception areas to minimize exposure between employees and customers.
- Reconfigure customer waiting areas and lines, office spaces, workstations and breakrooms to allow for at least 6 feet of physical distancing between individuals. Separate individuals and workstations using partitions, and utilize floor markings or signs to indicate where customers should stand or line up.
- Dedicate staff to manage movement of customers when activities could bring people within six feet of each other, to prevent congregation in bottleneck areas, and to limit groups from playing through courses.
- Designate a separate entry and exit if possible.
- Require employees not to use handshakes and similar greetings that break physical distance.
- Instruct employees to maintain at least 6 feet of distance from customers and from each other, except employees may momentarily come closer when necessary to complete a transaction.
- Where possible, provide outdoor break areas with shade covering and seating spaced 6 feet apart, and encourage employees to take breaks alone and away from the establishment.
- Enlist employees as peer educators to reinforce physical distancing and infection control.

CLEANING AND DISINFECTION

- Develop an appropriate plan, in adherence to CDC Guidance that identifies the surfaces to be cleaned and disinfected, the frequency, and the person assigned to the task.
- Use products approved for use against COVID-19 on the Environmental Protection Agency (EPA) list N and follow product instructions and Cal/OSHA requirements.

- Thoroughly clean and disinfect each customer activity area after every use. This can include disinfecting tables, chairs, booster seats, booths, touch screens, buttons, joysticks, and balls.
- Disinfect rented or shared items before issuing to and when returning from customer use, including bowling balls, golf balls, putters, writing implements, bats, shoes, and helmets.
- Disinfect commonly touched surfaces such as doorknobs, railings, light switches, handles, faucets, trashcans, fixtures, dispensers, display cases, and vending machines **daily**.
- Disinfect equipment including credit card machines, pens, printers, phones, keyboards, staplers, fax machines, time clocks, counters, and protective barriers **daily**.
- Increase cleaning and disinfection frequency to more than one time per day for surfaces that are in high traffic areas or for surfaces that are exposed to unmasked individuals such as reusable menus, shared condiment bottles, dining tables, chairs, and check presenters.
- Provide disinfection supplies in multiple locations readily available to employees.

Deliveries and Vendors

- Review workflows and make changes if needed to permit physical distancing when receiving deliveries.
- When other parties (truck drivers, delivery agents, vendors) play a role in the workflow, instruct them to wear face masks and to comply with symptom checks and physical distancing.

BUILDING SAFETY

Water Safety

- Stagnant water in pipes increases the risk for growth and spread of legionella bacteria. When reopening a building, it is important to flush both hot and cold water lines through all pipes and points of use including faucets and showers. Appropriate PPE including an N95 respirator must be worn. Information regarding this process can be found at the [CDC website](#).

Ventilation

- Within 30 days of reopening for indoor dining, the HVAC system must be evaluated by a **certified** HVAC Specialist to ensure it is **clean and** in good working order, **filters are replaced or upgraded**, and to the maximum extent possible, ventilation has been increased. **Facilities operators are required to maintain HVAC maintenance invoices on-site, and provide a copy upon request. The HVAC maintenance invoice must be dated in calendar year 2021.**
- Consider HVAC upgrades to improve air filtration (targeted filter rating of at least MERV 13) and increase fresh air ventilation.
- Where possible, install portable high-efficiency air cleaners, upgrade the building's air filters, and make other modifications to increase the quantity of outside air and ventilation in all working areas.
- Consider opening windows, if feasible, safe, and compliant with Fire Code and ADA requirements.
- If fans such as pedestal fans or hard mounted fans are used, take steps to minimize air from fans blowing from one person directly at another.

- ❑ Review and follow the California Department of Public Health's [Interim Guidance for Ventilation, Filtration, and Air Quality in Indoor Environments](#).