

**From:** [DPH-DOC Plans Sit Stat](#)  
**To:** [Aram.bronston@accgov.org](mailto:Aram.bronston@accgov.org); [mhccsitreps&resourcerequests@cdph.ca.gov](mailto:mhccsitreps&resourcerequests@cdph.ca.gov); [DPH-Integration Steering Committee](#); [EMSADutyOfficer@EMSA.ca.gov](mailto:EMSADutyOfficer@EMSA.ca.gov); [cdphdutyofficer@cdph.ca.gov](mailto:cdphdutyofficer@cdph.ca.gov); [chess@ncric.ca.gov](mailto:chess@ncric.ca.gov); [CoastalRegion@CalOES.ca.gov](mailto:CoastalRegion@CalOES.ca.gov); [DutyOfficer, DEM \(DEM\)](#)  
**Subject:** SFDPH DOC Incident Action Plan (IAP) for Operational Period 7  
**Date:** Friday, February 28, 2020 3:47:00 PM  
**Attachments:** [OP7 COVID-19 IAP 2020.02.28 FINAL.pdf](#)

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Please find attached SFDPH DOC Incident Action Plan (IAP) for Operational Period 7 (Saturday 2/29/2020 through Friday 3/6/2020).

NOTE: the DPH DOC has changed Operational Period structure to Saturday-Friday. OP7 is now Saturday 2/29/2020 through Friday 3/6/2020. Please ensure your 214s reflect these dates.

-- DPH DOC Plans Situation Status  
DPH.DOC.Plans.SitStat@sfdph.org

-- DPH DOC Plans Situation Status  
DPH.DOC.Plans.SitStat@sfdph.org

**From:** [DPH-DOC Plans Sit Stat](#)  
**To:** [DPH-COVID-19 DPH Activation 2020](#); [DPH-Integration Steering Committee](#)  
**Subject:** SFDPH Incident Action Plan (IAP)- Operational Period 7  
**Date:** Friday, February 28, 2020 3:46:33 PM  
**Attachments:** [OP7 COVID-19 IAP 2020.02.28 FINAL.pdf](#)

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Please find attached SFDPH DOC Incident Action Plan (IAP) for Operational Period 7 (Saturday 2/29/2020 through Friday 3/6/2020).

NOTE: the DPH DOC has changed Operational Period structure to Saturday-Friday. OP7 is now Saturday 2/29/2020 through Friday 3/6/2020. Please ensure your 214s reflect these dates.

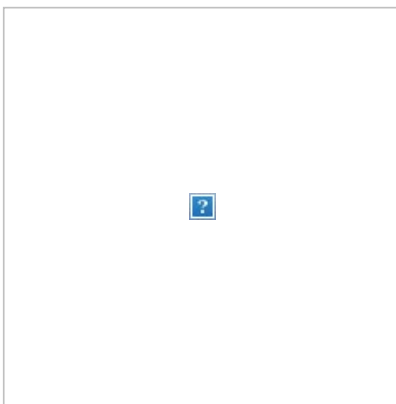
-- DPH DOC Plans Situation Status  
DPH.DOC.Plans.SitStat@sfdph.org

**From:** [Centers for Disease Control and Prevention](#)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** CDC HAN 428: Update and Interim Guidance on Outbreak of Coronavirus Disease 2019 (COVID-19)  
**Date:** Friday, February 28, 2020 3:32:26 PM

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You are subscribed to the [Health Alert Network \(HAN\)](#) for Centers for Disease Control and Prevention (CDC). This information has recently been updated, and is now available.

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[This is an official CDC Health Update](#)



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**[Update and Interim  
Guidance on Outbreak  
of Coronavirus  
Disease 2019 \(COVID-  
19\)](#)**

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The Centers for Disease Control

and Prevention (CDC) continues to closely monitor and respond to the COVID-19 outbreak caused by the novel coronavirus, SARS-CoV-2.

This CDC Health Alert Network (HAN) Update provides updated guidance on evaluating and testing persons under investigation (PUIs) for COVID-19. It supersedes guidance provided in CDC's HAN 427 distributed on February 1, 2020.



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## Centers for Disease Control and Prevention

1600 Clifton Rd Atlanta, GA 30329 1-800-CDC-INFO (800-232-4636) TTY: 888-232-6348

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**From:** [Alameda County Public Health Department](#)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** Community Preparedness Update for COVID-19  
**Date:** Friday, February 28, 2020 3:30:30 PM  
**Attachments:** [COVID-19+Community+Preparedness+Update-ACPHD.pdf](#)

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This is a message from the Alameda County Public Health Department

Dear Alameda County Leaders and Partners,

In light of recent news regarding possible local transmission of novel coronavirus (COVID-19) in Northern California, we are providing the following update on our activities and sharing initial guidance from the Centers for Disease Control and Prevention (CDC) on how you may want prepare your organization. Please note we have no confirmed cases in Alameda County at this time. The health risk from novel coronavirus to the general public remains low, and while COVID-19 has a high transmission rate, it has a low mortality rate.

Please see the attached letter for more information, including summaries of the Alameda County response to COVID-19 and of the CDC's guidance for how you can prepare your organization for a possible COVID-19 outbreak.

Please share this communication with your networks. For questions regarding COVID-19, please call 510-268-2101 or email [nCoV@acgov.org](mailto:nCoV@acgov.org).

Thank you for your attention,  
Alameda County Public Health Department  
1000 Broadway, Suite 500  
Oakland, CA 94607



**From:** [kathleen.harriman@cdph.ca.gov](mailto:kathleen.harriman@cdph.ca.gov)  
**To:** [CDPHIDIGCA@LISTSERV.CDPH.CA.GOV](mailto:CDPHIDIGCA@LISTSERV.CDPH.CA.GOV)  
**Subject:** CDCHAN-048 Update and Interim Guidance on Outbreak of Coronavirus Disease 2019 (COVID-19) Feb 28 2020  
**Date:** Friday, February 28, 2020 2:47:36 PM

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This is an official  
CDC HEALTH UPDATE  
Distributed via the CDC Health Alert Network February 28, 2020, 15:05 ET (3:05 PM ET)  
CDCHAN-0428

Update and Interim Guidance on Outbreak of Coronavirus Disease 2019 (COVID-19)

#### Summary

The Centers for Disease Control and Prevention (CDC) continues to closely monitor and respond to the COVID-19 outbreak caused by the novel coronavirus, SARS-CoV-2.

This CDC Health Alert Network (HAN) Update provides updated guidance on evaluating and testing persons under investigation (PUIs) for COVID-19. It supersedes guidance provided in CDC's HAN 427 distributed on February 1, 2020. The outbreak that began in Wuhan, Hubei Province, has now spread throughout China and to 46 other countries and territories, including the United States. As of February 27, 2020, there were 78,497 reported cases in China and 3,797 cases in locations outside China. In addition to sustained transmission in China, there is evidence of community spread in several additional countries. CDC has updated travel guidance to reflect this information ([https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.cdc.gov\\_coronavirus\\_2019-2Dncov\\_travelers\\_index.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\\_cZyWQFA-GVbfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghlIE&s=5wQ4u1pyd3huRECgL9FIF26fQM1Gr18RKwn\\_cdfZhm&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.cdc.gov_coronavirus_2019-2Dncov_travelers_index.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd_cZyWQFA-GVbfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghlIE&s=5wQ4u1pyd3huRECgL9FIF26fQM1Gr18RKwn_cdfZhm&e=)).

To date, there has been limited spread of COVID-19 in the United States. As of February 26, 2020, there were a total of 61 cases within the United States, 46 of these were among repatriated persons from high-risk settings. The other 15 cases were diagnosed in the United States; 12 were persons with a history of recent travel in China and 2 were persons in close household contact with a COVID-19 patient (i.e. person-to-person spread). One patient with COVID-19 who had no travel history or links to other known cases was reported on February 26, 2020, in California. The California Department of Public Health, local health departments, clinicians, and CDC are working together to investigate this case and are identifying contacts with whom this individual interacted.

CDC, state and local health departments, other federal agencies, and other partners have been implementing measures to slow and contain transmission of COVID-19 in the United States. These measures include assessing, monitoring, and caring for travelers arriving from areas with substantial COVID-19 transmission and identifying cases and contacts of cases in the United States.

Recognizing persons at risk for COVID-19 is a critical component of identifying cases and preventing further transmission. With expanding spread of COVID-19, additional areas of geographic risk are being identified and PUI criteria are being updated to reflect this spread. To prepare for possible additional person-to-person spread of COVID-19 in the United States, CDC continues to recommend that clinicians and state and local health departments consider COVID-19 in patients with severe respiratory illness even in the absence of travel history to affected areas or known exposure to another case.

Criteria to Guide Evaluation and Testing of Patients Under Investigation (PUI) for COVID-19 Local or state health departments, in consultation with clinicians, should determine whether a patient is a PUI for COVID-19. The CDC clinical criteria for COVID-19 PUIs have been developed based on available information about this novel virus, as well as what is known about Severe Acute Respiratory Syndrome (SARS) ([https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.cdc.gov\\_sars\\_clinical\\_guidance.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\\_cZyWQFA-GVbfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghlIE&s=Ybw1Zg47KV\\_i\\_h3WTKNfrX3r2GeXQz0qbQYPAD-cRvDM&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.cdc.gov_sars_clinical_guidance.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd_cZyWQFA-GVbfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghlIE&s=Ybw1Zg47KV_i_h3WTKNfrX3r2GeXQz0qbQYPAD-cRvDM&e=)) and Middle East Respiratory Syndrome (MERS) ([https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.cdc.gov\\_coronavirus\\_mers\\_interim-2Dguidance.html-23evaluation&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\\_cZyWQFA-GVbfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghlIE&s=xnTIEF3HGjcvZj-WiNTuoHQC4OQErVICpHRHPR7K7o&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.cdc.gov_coronavirus_mers_interim-2Dguidance.html-23evaluation&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd_cZyWQFA-GVbfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghlIE&s=xnTIEF3HGjcvZj-WiNTuoHQC4OQErVICpHRHPR7K7o&e=)). These criteria are subject to change as additional information becomes available.

#### Clinical Features

##### Epidemiologic Risk

Fever<sup>1</sup> or signs/symptoms of lower respiratory illness (e.g., cough or shortness of breath) AND Any person, including healthcare personnel<sup>2</sup>, who has had close contact<sup>3</sup> with a laboratory-confirmed<sup>4</sup> COVID-19 patient within 14 days of symptom onset

Fever<sup>1</sup> and signs/symptoms of a lower respiratory illness (e.g., cough or shortness of breath) requiring hospitalization AND A history of travel from affected geographic areas<sup>5</sup>, within 14 days of symptom onset

Fever<sup>1</sup> with severe acute lower respiratory illness (e.g., pneumonia, ARDS (acute respiratory distress syndrome) requiring hospitalization and without an alternative explanatory diagnosis (e.g., influenza).<sup>6</sup> AND No identified source of exposure

These criteria are intended to serve as guidance for evaluation. In consultation with public health departments, patients should be evaluated on a case-by-case basis to determine the need for testing. Testing may be considered for deceased persons who would otherwise meet the PUI criteria.

<sup>1</sup>Fever may be subjective or confirmed.

<sup>2</sup> For healthcare personnel, testing may be considered if there has been exposure to a person with suspected COVID-19 without laboratory confirmation. Because of their often extensive and close contact with vulnerable patients in healthcare settings, even mild signs and symptoms (e.g., sore throat) of COVID-19 should be evaluated among potentially exposed healthcare personnel. Additional information is available in CDC's Interim U.S. Guidance for Risk Assessment and Public Health Management of Healthcare Personnel with Potential Exposure in a Healthcare Setting to Patients with Coronavirus Disease 2019 (COVID-19) ([https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.cdc.gov\\_coronavirus\\_2019-2Dncov\\_hcp\\_guidance-2Drisk-2Dassessment-2Dhcp.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\\_cZyWQFA-](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.cdc.gov_coronavirus_2019-2Dncov_hcp_guidance-2Drisk-2Dassessment-2Dhcp.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd_cZyWQFA-)

GVBfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghIIE&s=IKstLNjCnfqcd23o6UD1ZcRn4S4Ho4HFnludVea84io&e= ).  
3Close contact is defined as—

a) being within approximately 6 feet (2 meters) of a COVID-19 case for a prolonged period; close contact can occur while caring for, living with, visiting, or sharing a healthcare waiting area or room with a COVID-19 case – or –

b) having direct contact with infectious secretions of a COVID-19 case (e.g., being coughed on) If such contact occurs while not wearing recommended personal protective equipment (PPE) (e.g., gowns, gloves, NIOSH-certified disposable N95 respirator, eye protection), criteria for PUI consideration are met. Additional information is available in CDC’s updated Interim Healthcare Infection Prevention and Control Recommendations for Patients with Confirmed COVID-19 or Persons Under Investigation for COVID-19 in Healthcare Settings (https://urldefense.proofpoint.com/v2/url?u=https-

3A\_\_www.cdc.gov\_coronavirus\_2019-2Dncov\_infection-2Dcontrol\_control-2Drecommendations.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\_cZyWQFA-GVBfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghIIE&s=wNynx5KIW2oIA3rbVwoQBOKuaulNYR5Zkj\_DmFLsUsA&e= ).

Data to inform the definition of close contact are limited. Considerations when assessing close contact include the duration of exposure (e.g., longer exposure time likely increases exposure risk) and the clinical symptoms of the person with COVID-19 (e.g., coughing likely increases exposure risk, as does exposure to a severely ill patient). Special consideration should be given to healthcare personnel exposed in healthcare settings, as described in CDC’s Interim U.S. Guidance for Risk Assessment and Public Health Management of Healthcare Personnel with Potential Exposure in a Healthcare Setting to Patients with COVID-19 (https://urldefense.proofpoint.com/v2/url?u=https-3A\_\_www.cdc.gov\_coronavirus\_2019-2Dncov\_hcp\_guidance-2Drisk-2Dassessment-2Dhcp.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\_cZyWQFA-

GVBfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghIIE&s=IKstLNjCnfqcd23o6UD1ZcRn4S4Ho4HFnludVea84io&e= ).

4Documentation of laboratory-confirmation of COVID-19 may not be possible for travelers or persons caring for COVID-19 patients in other countries.

5Affected areas are defined as geographic regions where sustained community transmission has been identified. Relevant affected areas will be defined as a country with at least a CDC Level 2 Travel Health Notice. Current information is available in CDC’s COVID-19 Travel Health Notices

(https://urldefense.proofpoint.com/v2/url?u=https-3A\_\_www.cdc.gov\_coronavirus\_2019-2Dncov\_travelers&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\_cZyWQFA-GVBfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghIIE&s=2qm4mGT9w53NATPI3vHQX-mCsXyY550snSeonTd8uhY&e= ).

6Category includes single or clusters of patients with severe acute lower respiratory illness (e.g., pneumonia, ARDS (acute respiratory distress syndrome) of unknown etiology in which COVID-19 is being considered.

Recommendations for Reporting, Testing, and Specimen Collection Clinicians should immediately implement recommended infection prevention and control practices (https://urldefense.proofpoint.com/v2/url?u=https-3A\_\_www.cdc.gov\_coronavirus\_2019-2Dncov\_infection-2Dcontrol\_control-2Drecommendations.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\_cZyWQFA-

GVBfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghIIE&s=wNynx5KIW2oIA3rbVwoQBOKuaulNYR5Zkj\_DmFLsUsA&e= ) if a patient is suspected of having COVID-19. They should also notify infection control personnel at their healthcare facility and their state or local health department if a patient is classified as a PUI for COVID-19. State health departments that have identified a PUI or a laboratory-confirmed case should

complete a PUI and Case Report form through the processes identified on CDC’s Coronavirus Disease 2019 website (https://urldefense.proofpoint.com/v2/url?u=https-3A\_\_www.cdc.gov\_coronavirus\_2019-2Dncov\_php\_reporting-2Dpui.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\_cZyWQFA-

GVBfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghIIE&s=G-5rC5UNs8SmDxjncsRIG2Nk9-iUBUCUprZNgKXGdGc&e= ). State and local health departments can contact CDC’s Emergency Operations Center (EOC) at 770-488-7100 for assistance with obtaining, storing, and shipping appropriate specimens to CDC for testing, including after hours or on weekends or holidays. Currently, diagnostic testing for COVID-19 is being

performed at state public health laboratories and CDC. Testing for other respiratory pathogens should not delay specimen testing for COVID-19. For initial diagnostic testing for SARS-CoV-2, CDC recommends collecting and testing upper respiratory tract specimens (nasopharyngeal AND oropharyngeal swabs). CDC also recommends testing lower respiratory tract specimens, if available. For patients who develop a productive cough, sputum should be collected and tested for SARS-CoV-2. The induction of sputum is not recommended. For patients for whom it is clinically indicated (e.g., those receiving invasive mechanical ventilation), a lower respiratory tract aspirate or bronchoalveolar lavage sample should be collected and tested as a lower respiratory tract specimen. Specimens should be collected as soon as possible once a PUI is identified, regardless of the time of symptom onset. See Interim

Guidelines for Collecting, Handling, and Testing Clinical Specimens from Patients Under Investigation (PUIs) for COVID-19 (https://urldefense.proofpoint.com/v2/url?u=https-3A\_\_www.cdc.gov\_coronavirus\_2019-2Dncov\_lab\_guidelines-2Ddelinical-2Dspecimens.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\_cZyWQFA-

GVBfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghIIE&s=DhPv-k-sLjc78pLqKr6wTcm4u26PTzZA\_DIScyGAFg&e= ) and Biosafety FAQs for handling and processing specimens from suspected cases and PUIs (https://urldefense.proofpoint.com/v2/url?u=https-

3A\_\_www.cdc.gov\_coronavirus\_2019-2Dncov\_lab\_biosafety-2Dfaqs.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\_cZyWQFA-GVBfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghIIE&s=ArqmusKD05\_ckxY6FDNNTGCLsveH7X3I0knN5MyQTA&e= ).

For More Information  
More information is available at the COVID-19 website: https://urldefense.proofpoint.com/v2/url?u=https-3A\_\_www.cdc.gov\_coronavirus\_2019-2Dncov\_index.html&d=DwIFaQ&c=Lr0a7ed3egkbwePCNW4ROg&r=SvuDBz10ITbEa2fPd\_cZyWQFA-

GVBfkNc1PGbbhBsMs&m=S8k8yUBbHy3h3b4HQ3JDV9oeW0poABR6H0M3ajghIIE&s=Sp9\_uKKH0IDcuxsNB7et7Xz-zld\_F73fRp5-rXqYvLY&e= . The Centers for Disease Control and Prevention (CDC) protects people’s health and safety by preventing and controlling diseases and injuries; enhances health decisions by providing credible information on critical health issues; and promotes healthy living through strong partnerships with local, national, and international organizations.

#####

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<https://listserv.cdph.ca.gov/cgi-bin/wa.exe?SUBED1=CDPHIDIGCA&A=1>

**From:** [EPIXUpdate@cdc.gov](mailto:EPIXUpdate@cdc.gov)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** Important: HAN 428: Update and Interim Guidance on Outbreak of Coronavirus Disease 2019 (COVID-19) -- February 28, 2020  
**Date:** Friday, February 28, 2020 12:39:06 PM

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Check Epi-X for an Important Report

HAN 428: Update and Interim Guidance on Outbreak of Coronavirus Disease 2019 (COVID-19) -- February 28, 2020

This CDC Health Alert Network (HAN) Update provides updated guidance on evaluating and testing persons under investigation (PUIs) for COVID-19. It supersedes guidance provided in CDC's HAN 427 distributed on February 1, 2020. This HAN will be posted at <https://emergency.cdc.gov/han/index.asp> shortly.

<https://epix2.cdc.gov/v2/Reports/Display.aspx?id=81271>

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[EpiXEditor@cdc.gov](mailto:EpiXEditor@cdc.gov)

(877) 862-2392 (toll free within the United States)

+1-770-488-7100 (If you cannot use the toll free number above, please call the CDC Emergency Operations Center and ask to speak to the *Epi-X* editor on call.)

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**From:** [Philip, Susan \(DPH\)](#)  
**To:** [Chan, Curtis \(DPH\)](#); [Aragon, Tomas \(DPH\)](#)  
**Cc:** [Stoltey, Juliet \(DPH\)](#); [Bobba, Naveena \(DPH\)](#); [Nguyen, Rita \(DPH\)](#); [Packer, Tracey \(DPH\)](#); [Melichar, John \(DPH\)](#)  
**Subject:** RE: Info and Guidance for schools  
**Date:** Friday, February 28, 2020 12:25:52 PM

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CDC now has this guidance – they are saying recently released:

<https://www.cdc.gov/coronavirus/2019-ncov/specific-groups/guidance-for-schools.html>

\*\*\*\*\*

Susan Philip MD, MPH  
Deputy Health Officer  
Director, Disease Prevention and Control Branch  
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25 Van Ness Avenue, Suite 345  
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**From:** Chan, Curtis (DPH) <curtis.chan@sfdph.org>  
**Sent:** Friday, February 28, 2020 7:44 AM  
**To:** Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>; Philip, Susan (DPH) <susan.philip@sfdph.org>  
**Cc:** Stoltey, Juliet (DPH) <juliet.stoltey@sfdph.org>; Bobba, Naveena (DPH) <naveena.bobba@sfdph.org>  
**Subject:** Info and Guidance for schools

“Info and Guidance for school/childcare preparedness” is something in very high demand.

I tried to explain this need at yesterday morning meeting and don’t know if someone is working on it. If no one can work on it, I can put something together over the weekend. Basically, we’d like to strongly recommend that school district and school administrators immediately review new Cdc preparedness documents, review their existing pandemic plans, and email us questions.

Thanks.

Sent from my iPhone

On Feb 28, 2020, at 7:30 AM, Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)> wrote:

Please forward to Containment Chief to ensure isolation of possible returned traveler, if appropriate.

Tomas  
p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
101 Grove St., Rm 308, SF CA 94102

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*"Radical transformational leadership is leading change from the universal values of dignity, equity, compassion and humility to transform self, people, systems and cultures towards equity and sustainable results."* (learn more <http://bit.ly/phd-lead>)

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**From:** Lim, Victor (DEM) <[victor.lim@sfgov.org](mailto:victor.lim@sfgov.org)>

**Sent:** Friday, February 28, 2020 12:19 AM

**To:** Gloria K Choy <[choyg@sfusd.edu](mailto:choyg@sfusd.edu)>; Vien, Veronica (DPH) <[veronica.vien@sfdph.org](mailto:veronica.vien@sfdph.org)>

**Cc:** DEM-External Affairs Group <[sfdem-dem-external-affairs@sfgov.org](mailto:sfdem-dem-external-affairs@sfgov.org)>; DEM-Anna Sop (USD) <[sopa@sfusd.edu](mailto:sopa@sfusd.edu)>; [dudnickl@sfusd.edu](mailto:dudnickl@sfusd.edu) <[dudnickl@sfusd.edu](mailto:dudnickl@sfusd.edu)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>

**Subject:** Gordon Lau Elementary School Inquiry - Principal Gloria Choy

Dear Principal Choy,

I am including my colleagues and also your colleagues from Central office on this inquiry. I will need follow up from our colleagues for guidance. Thanks for reaching out.

**Victor Wai Ho Lim | 林偉浩**

External Affairs Officer | 外務特派專員

Department of Emergency Management | 三藩市應急管理局

[415-558-2768](tel:415-558-2768) direct | 直線

[415-558-2712](tel:415-558-2712) media line | 傳媒

415-748-0028 cell | 手機

---

**From:** Gloria K Choy <[choyg@sfusd.edu](mailto:choyg@sfusd.edu)>

**Sent:** Thursday, February 27, 2020, 11:19 PM

**To:** Vien, Veronica (DPH); Lim, Victor (DEM)

**Subject:** Please Advise

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Hello Veronica and Victor,

Below is a question from one of my second grade teachers. She texted me late tonight. Can you please advise what I should do first thing this morning? If necessary, I can call the house of this family before school begins and ask them not to bring the child to school.

From Joanne C, Teacher:

Weijun is a student in my class. The family went to China recently. About three or four days ago, Weijun was sick. She coughed and had stuffy nose. I sent her to the office for a mask. She was absent the following day. She came back to school these two days. Should we talk to the parents to get more information from them and suggest the parent to get a letter from the doctor to prove the student is healthy?

Greatest appreciation for all you do. Thank you!

~ Gloria

\*\*\*\*\*

*Gloria K. Choy | Principal*

*Gordon J. Lau Elementary School*

*[950 Clay Street](#)*

*[San Francisco, CA 94108-1521](#)*

*[415.291.7921](tel:415.291.7921) Work*

*[415.291.7952](tel:415.291.7952) Fax*

**From:** [Health Alert Network Priority List](#) on behalf of [Health Alert Network \(CDC\)](#)  
**To:** [CDC-HAN-PRIORITY-LIST@LISTSERV.CDC.GOV](mailto:CDC-HAN-PRIORITY-LIST@LISTSERV.CDC.GOV)  
**Subject:** CDC HAN 428: Update and Interim Guidance on Outbreak of Coronavirus Disease 2019 (COVID-19)  
**Date:** Friday, February 28, 2020 12:10:10 PM  
**Attachments:** [CDC HAN 428 - Update Interim Guidance on Outbreak of COVID-19 02 28 2020.pdf](#)

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## **This is an official CDC HEALTH UPDATE**

Distributed via the CDC Health Alert Network  
February 28, 2020, 15:05 ET (3:05 PM ET)  
CDCHAN-0428

### **Update and Interim Guidance on Outbreak of Coronavirus Disease 2019 (COVID-19)**

#### **Summary**

The Centers for Disease Control and Prevention (CDC) continues to closely monitor and respond to the COVID-19 outbreak caused by the novel coronavirus, SARS-CoV-2.

This CDC Health Alert Network (HAN) Update provides updated guidance on evaluating and testing persons under investigation (PUIs) for COVID-19. It supersedes guidance provided in CDC's HAN 427 distributed on February 1, 2020.

The outbreak that began in Wuhan, Hubei Province, has now spread throughout China and to 46 other countries and territories, including the United States. As of February 27, 2020, there were 78,497 reported cases in China and 3,797 cases in locations outside China. In addition to sustained transmission in China, there is evidence of community spread in several additional countries. CDC has updated travel guidance to reflect this information (<https://www.cdc.gov/coronavirus/2019-ncov/travelers/index.html>).

To date, there has been limited spread of COVID-19 in the United States. As of February 26, 2020, there were a total of 61 cases within the United States, 46 of these were among repatriated persons from high-risk settings. The other 15 cases were diagnosed in the United States; 12 were persons with a history of recent travel in China and 2 were persons in close household contact with a COVID-19 patient (i.e. person-to-person spread). One patient with COVID-19 who had no travel history or links to other known cases was reported on February 26, 2020, in California. The California Department of Public Health, local health departments, clinicians, and CDC are working together to investigate this case and are identifying contacts with whom this individual interacted.

CDC, state and local health departments, other federal agencies, and other partners have been implementing measures to slow and contain transmission of COVID-19 in the United States. These measures include assessing, monitoring, and caring for travelers arriving from areas with substantial COVID-19 transmission and identifying cases and contacts of cases in the United States.

Recognizing persons at risk for COVID-19 is a critical component of identifying cases and preventing further transmission. With expanding spread of COVID-19, additional areas of geographic risk are being identified and PUI criteria are being updated to reflect this spread. To prepare for possible additional person-to-person spread of COVID-19 in the United States, CDC continues to recommend that clinicians and state and local health departments consider COVID-19 in patients with severe respiratory illness

even in the absence of travel history to affected areas or known exposure to another case.

**Criteria to Guide Evaluation and Testing of Patients Under Investigation (PUI) for COVID-19**

Local or state health departments, in consultation with clinicians, should determine whether a patient is a PUI for COVID-19. The CDC clinical criteria for COVID-19 PUIs have been developed based on available information about this novel virus, as well as what is known about Severe Acute Respiratory Syndrome (SARS) (<https://www.cdc.gov/sars/clinical/guidance.html>) and Middle East Respiratory Syndrome (MERS) (<https://www.cdc.gov/coronavirus/mers/interim-guidance.html#evaluation>). These criteria are subject to change as additional information becomes available.

Clinical Features		Epidemiologic Risk
Fever <sup>1</sup> <b>or</b> signs/symptoms of lower respiratory illness (e.g., cough or shortness of breath)	<b>AND</b>	Any person, including healthcare personnel <sup>2</sup> , who has had close contact <sup>3</sup> with a laboratory-confirmed <sup>4</sup> COVID-19 patient within 14 days of symptom onset
Fever <sup>1</sup> <b>and</b> signs/symptoms of a lower respiratory illness (e.g., cough or shortness of breath) requiring hospitalization	<b>AND</b>	A history of travel from affected geographic areas <sup>5</sup> , within 14 days of symptom onset
Fever <sup>1</sup> with severe acute lower respiratory illness (e.g., pneumonia, ARDS (acute respiratory distress syndrome) requiring hospitalization and without an alternative explanatory diagnosis (e.g., influenza). <sup>6</sup>	<b>AND</b>	No identified source of exposure

These criteria are intended to serve as guidance for evaluation. In consultation with public health departments, patients should be evaluated on a case-by-case basis to determine the need for testing. Testing may be considered for deceased persons who would otherwise meet the PUI criteria.

<sup>1</sup>Fever may be subjective or confirmed.

<sup>2</sup> For healthcare personnel, testing may be considered if there has been exposure to a person with suspected COVID-19 without laboratory confirmation. Because of their often extensive and close contact with vulnerable patients in healthcare settings, even mild signs and symptoms (e.g., sore throat) of COVID-19 should be evaluated among potentially exposed healthcare personnel. Additional information is available in CDC’s Interim U.S. Guidance for Risk Assessment and Public Health Management of Healthcare Personnel with Potential Exposure in a Healthcare Setting to Patients with Coronavirus Disease 2019 (COVID-19) (<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-risk-assessment-hcp.html>).

<sup>3</sup>Close contact is defined as—

- a) being within approximately 6 feet (2 meters) of a COVID-19 case for a prolonged period; close contact can occur while caring for, living with, visiting, or sharing a healthcare waiting area or room with a COVID-19 case

– or –

b) having direct contact with infectious secretions of a COVID-19 case (e.g., being coughed on)

If such contact occurs while not wearing recommended personal protective equipment (PPE) (e.g., gowns, gloves, NIOSH-certified disposable N95 respirator, eye protection), criteria for PUI consideration are met.

Additional information is available in CDC's updated Interim Healthcare Infection Prevention and Control Recommendations for Patients with Confirmed COVID-19 or Persons Under Investigation for COVID-19 in Healthcare Settings (<https://www.cdc.gov/coronavirus/2019-ncov/infection-control/control-recommendations.html>).

Data to inform the definition of close contact are limited. Considerations when assessing close contact include the duration of exposure (e.g., longer exposure time likely increases exposure risk) and the clinical symptoms of the person with COVID-19 (e.g., coughing likely increases exposure risk, as does exposure to a severely ill patient). Special consideration should be given to healthcare personnel exposed in healthcare settings, as described in CDC's Interim U.S. Guidance for Risk Assessment and Public Health Management of Healthcare Personnel with Potential Exposure in a Healthcare Setting to Patients with COVID-19 (<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-risk-assesment-hcp.html>).

<sup>4</sup>Documentation of laboratory-confirmation of COVID-19 may not be possible for travelers or persons caring for COVID-19 patients in other countries.

<sup>5</sup>Affected areas are defined as geographic regions where sustained community transmission has been identified. Relevant affected areas will be defined as a country with at least a CDC Level 2 Travel Health Notice. Current information is available in CDC's COVID-19 Travel Health Notices (<https://www.cdc.gov/coronavirus/2019-ncov/travelers>).

<sup>6</sup>Category includes single or clusters of patients with severe acute lower respiratory illness (e.g., pneumonia, ARDS (acute respiratory distress syndrome) of unknown etiology in which COVID-19 is being considered.

### **Recommendations for Reporting, Testing, and Specimen Collection**

Clinicians should immediately implement recommended infection prevention and control practices (<https://www.cdc.gov/coronavirus/2019-ncov/infection-control/control-recommendations.html>) if a patient is suspected of having COVID-19. They should also notify infection control personnel at their healthcare facility and their state or local health department if a patient is classified as a PUI for COVID-19. State health departments that have identified a PUI or a laboratory-confirmed case should complete a PUI and Case Report form through the processes identified on CDC's Coronavirus Disease 2019 website (<https://www.cdc.gov/coronavirus/2019-ncov/php/reporting-pui.html>). State and local health departments can contact CDC's Emergency Operations Center (EOC) at 770-488-7100 for assistance with obtaining, storing, and shipping appropriate specimens to CDC for testing, including after hours or on weekends or holidays. Currently, diagnostic testing for COVID-19 is being performed at state public health laboratories and CDC. Testing for other respiratory pathogens should not delay specimen testing for COVID-19.

For initial diagnostic testing for SARS-CoV-2, CDC recommends collecting and testing upper respiratory tract specimens (nasopharyngeal AND oropharyngeal swabs). CDC also recommends testing lower respiratory tract specimens, if available. For patients who develop a productive cough, sputum should be collected and tested for SARS-CoV-2. The induction of sputum is not recommended. For patients for whom it is clinically indicated (e.g., those receiving invasive mechanical ventilation), a lower respiratory tract aspirate or bronchoalveolar lavage sample should be collected and tested as a lower respiratory tract specimen. Specimens should be collected as soon as possible once a PUI is identified, regardless of the time of symptom onset. See Interim Guidelines for Collecting, Handling, and Testing Clinical Specimens from Patients Under Investigation (PUIs) for COVID-19 (<https://www.cdc.gov/coronavirus/2019-nCoV/lab/guidelines-clinical-specimens.html>) and Biosafety FAQs for handling and processing specimens from suspected cases and PUIs

<https://www.cdc.gov/coronavirus/2019-ncov/lab/biosafety-faqs.html>).

#### **For More Information**

More information is available at the COVID-19 website: <https://www.cdc.gov/coronavirus/2019-ncov/index.html>.

*The Centers for Disease Control and Prevention (CDC) protects people's health and safety by preventing and controlling diseases and injuries; enhances health decisions by providing credible information on critical health issues; and promotes healthy living through strong partnerships with local, national, and international organizations.*

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**Health Update** Unlikely to require immediate action; provides updated information regarding an incident or situation  
**HAN Info Service** Does not require immediate action; provides general public health information

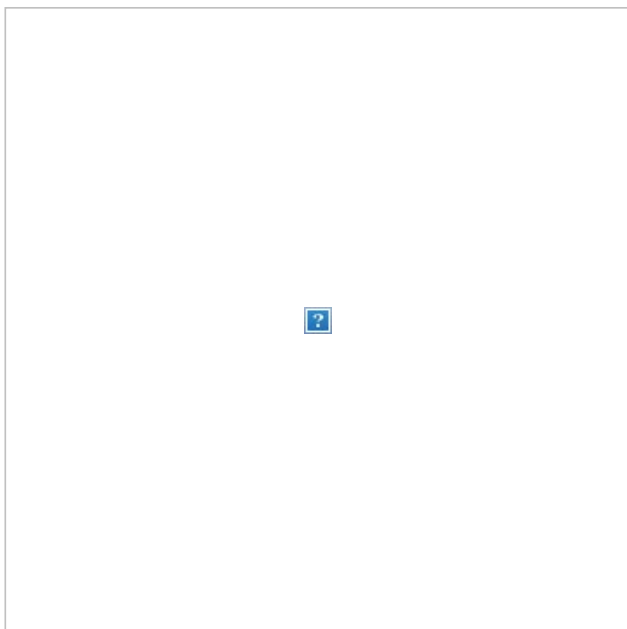
##This message was distributed to state and local health officers, state and local epidemiologists, state and local laboratory directors, public information officers, epidemiologists, HAN coordinators, and clinician organizations##

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**From:** [Centers for Disease Control and Prevention](#)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** CDC Newsroom: Week In Review - 02/24/20  
**Date:** Friday, February 28, 2020 12:03:18 PM

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WEEK OF FEBRUARY 24, 2020



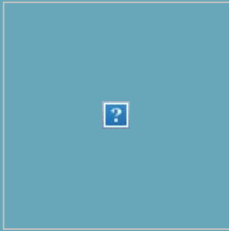


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(404) 639-3286 (9:00 am - 6:00 pm)  
(770) 488-7100 (After Hours)

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## This Week's Releases

## Friday

[CDC Media Telebriefing: Update on COVID-19](#)

FRIDAY, FEBRUARY 28, 2020

## Thursday

[CDC Food Safety Alert: CDC investigating outbreak of E. coli O103 infections linked to clover sprouts served at Jimmy John's restaurants](#)

THURSDAY, FEBRUARY 27, 2020

## Wednesday

[CDC Confirms Possible Instance of Community Spread of COVID-19 in U.S.](#)

WEDNESDAY, FEBRUARY 26, 2020

[Transcript for the CDC Telebriefing Update on COVID-19](#)

WEDNESDAY, FEBRUARY 26, 2020

## Tuesday

[CDC, States Update Number of Hospitalized EVALI Cases and EVALI Deaths](#)

TUESDAY, FEBRUARY 25, 2020

[CDC Media Telebriefing: Update on COVID-19](#)

TUESDAY, FEBRUARY 25, 2020

SEARCH PRESS RELEASES

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# Coronavirus Disease 2019 (COVID-19) in the U.S.

## As of February 28, 2020

In the United States, there have been 15 confirmed cases of COVID-19 reported. CDC provides updated information on the number of persons under investigation in the United States online on Mondays, Wednesdays, and Fridays.

[\*\*U.S. Cases\*\*](#)

[Sign up for the COVID-19 newsletter](#) if you would like more information on the coronavirus disease 2019 (COVID-19) outbreak. Please share it with your colleagues and networks.

## CDC Center Newsrooms

- [National Center for Environmental Health](#)
- [National Center for Health Statistics](#)
- [National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention](#)
- [National Institute for Occupational Safety and Health \(NIOSH\)](#)
- [Center for Global Health](#)
- [National Center for Emerging and Zoonotic Infectious Diseases](#)



### Centers for Disease Control and Prevention

1600 Clifton Rd Atlanta, GA 30329 1-800-CDC-INFO (800-232-4636) TTY: 888-232-6348

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**From:** [State and Local Readiness \(CDC\)](#)  
**To:** [State and Local Readiness \(CDC\)](#)  
**Subject:** CDC Text Illness Monitoring (T.I.M) System Update  
**Date:** Friday, February 28, 2020 11:57:00 AM  
**Attachments:** [T.I.M. FAQ forPH\\_02.27.2020.pdf](#)

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Dear Colleagues,

The Text Illness Monitoring (T.I.M.) system has recently been modified to allow county-level campaigns to be added under state campaigns. This allows for local use of T.I.M. for COVID-19 symptom monitoring.

If a state would like to add county-level users in T.I.M., they should provide the names of the counties that should be activated. Once the T.I.M. support team activates these counties, states may then add county-level users as appropriate.

Local jurisdictions will be assigned at the county level and will have access to the data for that county only, and states will have access to all data within the state.

Local jurisdictions should coordinate with their state for access. States may send the list of counties they wish to activate in T.I.M. to [eocevent340@cdc.gov](mailto:eocevent340@cdc.gov).

Thank you,

State Coordination Task Force

**Sent by BCC to PHEP Directors, SHOS, State Epis, Non-governmental Partners, STLTs, and BCHC**

**From:** [Philip, Susan \(DPH\)](#)  
**To:** [Nieves, Israel \(DPH\)](#); [Nguyen, Rita \(DPH\)](#); [Bobba, Naveena \(DPH\)](#); [Ochi, Ed \(DPH\)](#); [Aragon, Tomas \(DPH\)](#)  
**Cc:** [Cushing, Stephanie \(DPH\)](#); [Stoltey, Juliet \(DPH\)](#)  
**Subject:** RE: Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded  
**Date:** Friday, February 28, 2020 11:54:00 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)

---

NYC has only used hotels for asymptomatic returning travelers; anyone with symptoms has been hospitalized. They have said they will send their protocols/materials to me, I will share when received.

Susan

\*\*\*\*\*

Susan Philip MD, MPH  
Deputy Health Officer  
Director, Disease Prevention and Control Branch  
Population Health Division  
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---

**From:** Nieves, Israel (DPH) <[israel.nieves@sfgov.org](mailto:israel.nieves@sfgov.org)>  
**Sent:** Thursday, February 27, 2020 8:13 PM  
**To:** Nguyen, Rita (DPH) <[rita.nguyen@sfdph.org](mailto:rita.nguyen@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Cc:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>  
**Subject:** Re: Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded

Thank you Rita. I believe we would work locally to share this guidance with the business we contract with as a city. I truly appreciate your support.

Best  
Israel

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---

**From:** Nguyen, Rita (DPH) <[rita.nguyen@sfdph.org](mailto:rita.nguyen@sfdph.org)>  
**Sent:** Thursday, February 27, 2020 7:27:09 PM  
**To:** Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Cc:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Nieves, Israel (DPH) <[israel.nieves@sfgov.org](mailto:israel.nieves@sfgov.org)>  
**Subject:** Re: Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded

I think the closest guidance for cleaning hotels would be here:

<https://www.cdc.gov/quarantine/maritime/recommendations-for-ships.html>

and here: <https://www.cdc.gov/quarantine/air/managing-sick-travelers/ncov-airlines.html> (but much more so the ships document)

which I included in the housing question doc that I reviewed (attached).

The ships document is quite thorough and generally applicable I think.

Relevant section below (they also have a PPE section in which they say masks but not N95):

### **Cleaning and Disinfection**

At this time, in addition to routine cleaning and disinfection strategies, ships may consider more frequent cleaning of commonly touched surfaces such as handrails, countertops, and doorknobs. The primary mode of COVID-19 virus transmission is believed to be through respiratory droplets that are spread from an infected person through coughing or sneezing to a susceptible close contact within about 6 feet. Therefore, widespread disinfection is unlikely to be effective.

### **Cleaning when COVID-19 is suspected**

Cleaning recommendations are based on existing [CDC infection control guidance](#) for preventing COVID-19 from spreading to others in homes.

Standard practice for pathogens spread by air (such as measles, tuberculosis) is to restrict people unprotected (for example, no respiratory protection) from entering a vacated room until sufficient time has elapsed for enough air changes to remove potentially infectious particles (more information on [clearance rates under differing ventilation conditions](#) is available).

We don't yet know how long COVID-19 remains infectious in the air.

In the interim, it is reasonable to apply a similar time period before entering the sick person's

room without respiratory protection as used for other pathogens spread by air (for example, measles, tuberculosis). [Using measles as the example pdf icon\[PDF – 13 pages\]](#), restrict access for two hours after the sick person has left the room.

Clean surfaces infected by the respiratory secretions of a sick person suspected with COVID-19 (for example, in the sick person’s living quarters or work area, and in isolation rooms).

Use disinfectant products against COVID-19 with Environmental Protection Agency (EPA)-approved emerging viral pathogens claims. These products can be identified by the following claim:

- [Product name] has demonstrated effectiveness against viruses similar to COVID-19 on hard non-porous surfaces. Therefore, this product can be used against COVID-19 when used in accordance with the directions for use against [name of supporting virus] on hard, non-porous surfaces.
  - Specific claims for “COVID-19” will not appear on the product or master label.
  - More information about EPA-approved emerging viral pathogens claims can be found [hereexternal icon](#).
  - If there are no available EPA-registered products with an approved emerging viral pathogen claim for COVID-19, use products with label claims against human coronaviruses according to label instructions.

This claim or a similar claim, will be made only through the following communications outlets: technical literature distributed exclusively to healthcare facilities, physicians, nurses, and public health officials, “1-800” consumer information services, social media sites and company websites (non-label related).

In addition to wearing disposable gloves during routine cleaning, wear disposable gowns when cleaning areas suspected to be contaminated by COVID-19. Wear PPE compatible with the disinfectant products being used and approved for use onboard the ship. [Remove carefully pdf icon\[PDF – 1 page\]](#) gloves and gowns to avoid cross-contamination and the surrounding area.

Perform [hand hygiene](#) upon removing and disposing gloves by washing hands often with soap and water for at least 20 seconds or using an alcohol-based hand sanitizer that contains 60 to 95% alcohol.

Clean all “high-touch” surfaces in the sick person’s room (for example, counters, tabletops, doorknobs, light switches, bathroom fixtures, toilets, phones, keyboards, tablets, and bedside tables) according to instructions described for the above EPA-registered product. Wear disposable gloves and gowns during cleaning activities.

If visible contamination (for example, blood, respiratory secretions, or other body fluids) is present, the basic principles for blood or body substance spill management are outlined in the

United States Occupational Safety and Health Administration (OSHA) [Bloodborne Pathogen Standardexternal icon](#). CDC guidelines recommend removing bulk spill matter, cleaning the site, and then disinfecting the site with the above EPA-registered disinfectant. For soft (porous) surfaces such as carpeted floor, rugs, and drapes, remove visible contamination if present, and wash according to the manufacturer's instructions. Clean and disinfect unremovable materials with products mentioned above and allow to air dry.

When cleaning is completed, collect soiled textiles and linens in sturdy leak-proof containers; these can be laundered using conventional processes following your standard operating procedures. PPE should be removed and placed with other disposable items in sturdy, leak-proof (plastic) bags that are tied shut and not reopened. The bags of used PPE and disposable items can then be placed into the solid waste stream according to routine procedures. Follow your standard operating procedures for waste removal and treatment.

No additional cleaning is needed for the ship's supply-and-return ventilation registers or filtration systems.

No additional treatment of wastewater is needed.

\*\*\*\*\*

Rita Nguyen, MD  
Assistant Health Officer  
Chronic Disease Physician Specialist  
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**From:** Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Sent:** Thursday, February 27, 2020 6:47 PM

**To:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>



**Cc:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Nieves, Israel (DPH) <[israel.nieves@sfgov.org](mailto:israel.nieves@sfgov.org)>; Nguyen, Rita (DPH) <[rita.nguyen@sfdph.org](mailto:rita.nguyen@sfdph.org)>

**Subject:** RE: Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded

Including Susan and Israel.

Ed- we are not expecting the hotel workers to clean or be in the room.

Stephanie- we discussed and thought that env health could get a contractor to clean at the end of the stay, like we did in Ebola (obviously not the same standard). This would be for asymptomatic people in quarantine but of course they could become symptomatic.

Susan- think it would be great to see what NYC did.

---

**From:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>

**Sent:** Thursday, February 27, 2020 6:10 PM

**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>

**Cc:** Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>

**Subject:** Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded

OK, I got a chance to paw through the ever-changing sea of CDC guidance documents. In a nutshell:

- cleaning techniques are unchanged,

- there's some wiggle room in the PPE guidance which I'm really not sure if we should exploit:

Closest thing to an applicable document for hotels is the CDC's [Interim Guidance for Preventing the Spread of Coronavirus Disease 2019 \(COVID-19\) in Homes and Residential Communities](#), last reviewed February 18, 2020.

**With regards to cleaning**, the document simply states: *"Clean all "high-touch" surfaces, such as counters, tabletops, doorknobs, bathroom fixtures, toilets, phones, keyboards, tablets, and bedside tables, every day. Also, clean any surfaces that may have blood, stool, or body fluids on them. Use a household cleaning spray or wipe, according to the label instructions. Labels contain instructions for safe and effective use of the cleaning product including precautions you should take when applying the product, such as wearing gloves and making sure you have good ventilation during use of the product."*

- 1) I would personally hope that a hotel would be cleaning bathrooms and high touch areas with some form of disinfectant, routinely, not just for COVID-19 purposes.
- 2) If they buying new or more disinfectant they could always buy one with a Human Coronavirus label (kill) claim but there's no requirement or recommendation that they do so.

**With regards to PPE** the document says: *"You and the patient should wear a facemask if you are in the same room. Wear a disposable facemask and gloves when you touch or have contact with the patient's blood, stool, or body fluids, such as saliva, sputum, nasal mucus, vomit, urine. Throw out disposable facemasks and gloves after using them. Do not reuse."*

- 1) The document is targeted for household members, partners, and caregivers. In

employer/employee arrangements such as a hotel I would anticipate that the employer would be held to a higher standard.

- 2) Home healthcare providers are supposed to follow the CDC COVID-19 Infection Control guidance.

- Ed

---

Edward Ochi, CIH, CSP  
Director of Occupational Safety & Health  
San Francisco Department of Public Health  
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101 Grove Street, Room 217  
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Desk: (415) 554-2797  
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---

**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Thursday, February 27, 2020 4:44 PM  
**To:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Cc:** Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Fw: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Ed, Will these guidelines apply to cleaning hotel rooms?

Tomas  
p.s. plz excuse typos

---

**From:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Sent:** Monday, February 24, 2020 9:12 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

I can do 1 PM Wednesday, although it would be totally awesome if we had a bit more time so we could ask people to submit some questions in advance so that we could prep. With this approach we could still reserve time for unsubmitted questions but it would reduce the free for all aspect of the call.

Even without advanced questions if we could distribute the new Guidance for Business for Environmental Cleaning (attached) before the conference call it might help give some focus for any discussions.

- Ed

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Email: [ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)

Sent from my iPhone --  
typos are from my fat fingers, strange wording from auto-correct trying to translate Ed into English.

---

**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Monday, February 24, 2020 6:01:32 PM  
**To:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Please coordinate with Stephanie Cushing (EH) and Ed Ochi (OSH).

Tomas  
p.s. plz excuse typos

---

**From:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>  
**Sent:** Monday, February 24, 2020 5:45 PM

**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** RE: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Understood.

Would Wednesday at 1pm be good for DPH to present on environmental disinfection? If so, I'll send out the meeting invite tomorrow morning. We can also do Thursday at 1300.

Thanks,  
Lisa

---

**From:** Aragon, Tomas (DPH)

**Sent:** Monday, February 24, 2020 2:40 PM

**To:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Hi Lisa, I think it's okay to invite everyone but clearly state the topic. The information is applicable to other agencies so it's good to give them the opportunity to participate. For example, SFPD might be interested in how to disinfect their vehicles should they become contaminated.

Thanks!

Tomas  
p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
101 Grove St., Rm 308, SF CA 94102

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*"Radical transformational leadership is leading change from the universal values of dignity, equity, compassion and humility to transform self, people, systems and cultures towards equity and sustainable results."* (learn more <http://bit.ly/phd-lead>)

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---

**From:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>  
**Sent:** Monday, February 24, 2020 2:30 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** RE: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

All,

Do you want the call with the city agencies (including BART) to be similar to Friday's call, in regards to participants (e.g. everyone citywide)? Or do you want to limit the audience to our transportation partners only?

Also, when are you prepared to (1) participate in the call and (2) provide documentation to all involved?

I'm happy to schedule the call, just need to know you're availability and status of the materials to be discussed.

Thanks much,  
Lisa

Lisa Starliper, MPA  
Emergency Manager  
Department of Emergency Management  
Pronouns: She/Her/Hers  
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San Francisco, CA 94102  
[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)  
415-517-5092 (cell)

**From:** Aragon, Tomas (DPH)

**Sent:** Saturday, February 22, 2020 3:14 PM

**To:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Cc:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Stephanie & Ed,

I promised on citywide call, 2/21, we would respond to their need for guidance.

Just reviewed 1-pager.

(BTW, the Environmental Branch (?should include non-medical OSH) has been activated.)  
Stephanie is branch chief.

I believe we need to set up a call with city agencies and BART dedicated to this topic (facility and transportation vehicles, and worker safety).

They will have many questions and then we can make sure we provide and/or develop the best materials for them.

ccing Lisa (DEM) to arrange/schedule.

Thanks everyone!

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
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Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
101 Grove St., Rm 308, SF CA 94102

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**From:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Sent:** Friday, February 21, 2020 2:49 PM  
**To:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Subject:** RE: [Event COVID-19] Guidelines on environmental disinfection

Guidance has gotten a tad more expansive. Not necessarily better, just more expansive.

Tomas, Stephanie, David and I will confer, come up with an updated answer, and get back to you. -  
Ed

---

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**From:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>  
**Sent:** Friday, February 21, 2020 2:47 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Subject:** RE: [Event COVID-19] Guidelines on environmental disinfection  
**Importance:** High

Attached is what Ed and I developed about a month ago. These directions were for families or

workers who may be cleaning COVID-19 residences or rooms in homes.

This can be edited for cleaning hard surface again using bleach mixture or EPA approved, and can address corona viruses.

Stephanie

Stephanie K.J. Cushing, MSPH, CHMM, REHS

張春華

Director of Environmental Health

Population Health Division

Department of Public Health

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San Francisco, CA 94102

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**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>

**Sent:** Friday, February 21, 2020 2:20 PM

**To:** Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>

**Subject:** [Event COVID-19] Guidelines on environmental disinfection

You may already have this information ready:

City agencies are asking for clear guidelines on environmental disinfection (buses, BART, facilities, etc.)

This is a great opportunity to provide uniform, high-quality guidance that is easy to implement across the city.

What are the best materials to provide? Do we need to develop something user-friendly?

Tomas

p.s. plz excuse typos

--



Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
101 Grove St., Rm 308, SF CA 94102

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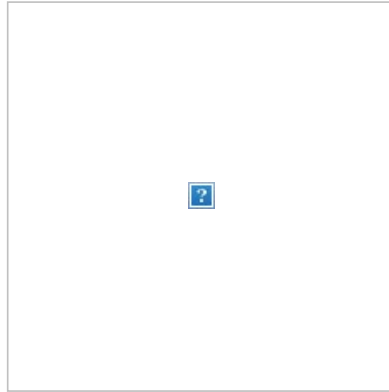
-----

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**From:** [Centers for Disease Control and Prevention](#)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** Features from this Week: Adult Immunization Records, World Birth Defects Days, and More!  
**Date:** Friday, February 28, 2020 11:53:36 AM

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## Week in Review

[male physician talking to older male patient](#)

## Adult Vaccination Records

Your vaccination record (sometimes called your immunization record) provides a history of all the vaccines you received as a child and adult. This record may be required for certain jobs, travel abroad, or school registration.

[Locate Your Vaccine Records >](#)

[En Español >](#)

**World Birth Defects Day**

Every year, about 3-6% of infants worldwide are born with a serious birth defect. This means that life-altering conditions like spina bifida and congenital heart defects affect millions of babies and families. Birth defects can affect babies regardless of where they are born, their socioeconomic status, or their race or ethnicity.

[Birth Defects Tracking and Research >](#)

## Say No to Raw Dough!

Spending time with family and friends while preparing delicious baked foods in the kitchen is a great way to celebrate special occasions. Follow these safety tips to help you stay healthy when handling raw dough.

[Safe Food Handling Practices >](#)

[En Español >](#)

family baking in the kitchen



## Diabetes Statistics 2020

New diabetes cases have decreased over the last decade except in people younger than 20 years. And in adults, there is much room for improvement in preventing diabetes complications. Data from this report can help focus critical type 2 diabetes prevention and diabetes management efforts across the nation.

[Read the Diabetes Report >](#)

**Disease of the Week**

**Image of the Week**

three men smiling



Heart Disease and Men



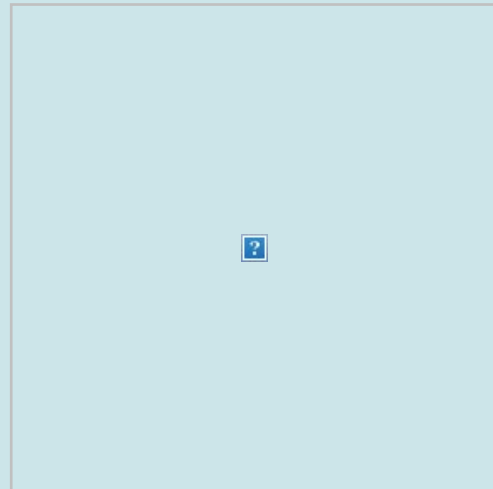
COVID-19

## Coronavirus Disease 2019 (COVID-19) in the U.S.

**As of February 28, 2020**

In the United States, there have been 15 confirmed cases of COVID-19 reported. CDC provides updated information on the number of persons under investigation in the United States online on Mondays, Wednesdays, and Fridays.

**U.S. Cases**



[Sign up for the COVID-19 newsletter](#) if you would like more information on the coronavirus disease 2019 (COVID-19) outbreak. Please share it with your colleagues and networks.



**Centers for Disease Control and Prevention**

1600 Clifton Rd Atlanta, GA 30329 1-800-CDC-INFO (800-232-4636) TTY: 888-232-6348

[Questions or Problems](#) | [Unsubscribe](#)

**From:** [Daniel Becker](#)  
**To:** [Varisto, Michaela \(DPH\)](#); [Bobba, Naveena \(DPH\)](#); [Vivian Araullo](#); [Aragon, Tomas \(DPH\)](#); [Hiramoto, Kelly \(DPH\)](#); [Sims, Linda \(DPH\)](#)  
**Cc:** [Jason Klumb](#); [Stoltey, Juliet \(DPH\)](#); [Colfax, Grant \(DPH\)](#); [Brown, Michael \(DPH\)](#); [Philip, Susan \(DPH\)](#); [Katherine General](#); [Debra Grabelle](#)  
**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird  
**Date:** Friday, February 28, 2020 11:27:15 AM

---

Got it.

Thanks,  
Daniel

Daniel Becker  
Field Representative  
SEIU Local 1021  
350 Rhode Island  
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San Francisco, CA 94103

Office: 415-848-3639  
Cell: 510-499-1464  
Fax: 415-431-6241  
[www.seiu1021.org](http://www.seiu1021.org)

**The most important word in the language of the working class is "solidarity."**—  
*Harry Bridges*

---

**From:** Varisto, Michaela (DPH) <michaela.varisto@sfdph.org>  
**Sent:** Friday, February 28, 2020 11:26 AM  
**To:** Daniel Becker <Daniel.Becker@seiu1021.org>; Bobba, Naveena (DPH) <naveena.bobba@sfdph.org>; Vivian Araullo <varaullo@ifpte21.org>; Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>; Hiramoto, Kelly (DPH) <kelly.hiramoto@sfdph.org>; Sims, Linda (DPH) <Linda.Sims@sfdph.org>  
**Cc:** Jason Klumb <Jason.Klumb@seiu1021.org>; Stoltey, Juliet (DPH) <juliet.stoltey@sfdph.org>; Colfax, Grant (DPH) <grant.colfax@sfdph.org>; Brown, Michael (DPH) <michael.brown@sfdph.org>; Philip, Susan (DPH) <susan.philip@sfdph.org>; Katherine General <kgeneral@ifpte21.org>; Debra Grabelle <debra.grabelle@ifpte21.org>  
**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird

Daniel,

On Wednesday at 12:04 an email was sent from Carol Delorio at DHR that the meeting will be **Friday, February 28<sup>th</sup>, at 1:00pm in SF City Hall, Room 201.**

Regards,

**Michaela C. Varisto**

Executive Secretary to the Director of Health  
San Francisco Department of Public Health  
101 Grove Street, Room 308  
San Francisco, CA 94102  
Phone: (415) 554-2526  
Email: [michaela.varisto@sfdph.org](mailto:michaela.varisto@sfdph.org)

*Pronouns: she, her, hers*

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**From:** Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>

**Sent:** Friday, February 28, 2020 11:18 AM

**To:** Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** Jason Klumb <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>

**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird

Please let us know when the meeting is.

Thanks,  
Daniel

Daniel Becker  
Field Representative  
SEIU Local 1021  
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Office: 415-848-3639  
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Fax: 415-431-6241

[www.seiu1021.org](http://www.seiu1021.org)

**The most important word in the language of the working class is "solidarity."—  
Harry Bridges**

---

**From:** Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Sent:** Wednesday, February 26, 2020 12:10 PM

**To:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** Jason Klumb <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>

**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hello,

DHR will be setting up a meeting on Friday with labor about the COVID-19 emergency declaration. We will be addressing questions and concerns as well as asking for how we can plan together.

Sincerely,

Naveena

---

**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>

**Sent:** Tuesday, February 25, 2020 11:32 AM

**To:** Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** Jason Klumb <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>

**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird

Hello,

Thank you Daniel. Local 21 also agrees to a meeting.

**Please give us dates as soon as possible.**

Thank you, Vivian

---

**From:** Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>

**Sent:** Tuesday, February 25, 2020 11:09 AM

**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>



**Cc:** Jason Klumb <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>  
**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird

Hi,

I think we should have a meeting where you hear our members' concerns. Can you give us some dates?

Daniel

Daniel Becker  
Field Representative  
SEIU Local 1021  
350 Rhode Island  
Suite 100 South Bldg.  
San Francisco, CA 94103

Office: 415-848-3639  
Cell: 510-499-1464  
Fax: 415-431-6241  
[www.seiu1021.org](http://www.seiu1021.org)

**The most important word in the language of the working class is "solidarity."**—  
*Harry Bridges*

---

**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Saturday, February 22, 2020 12:11 AM  
**To:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>  
**Cc:** Jason Klumb <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>  
**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

No spaces have been used.

We are planning and preparing.

We will work w admin to provide detailed communications and address concerns.

Thanks,

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
101 Grove St., Rm 308, SF CA 94102

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*"Radical transformational leadership is leading change from the universal values of dignity, equity, compassion and humility to transform self, people, systems and cultures towards equity and sustainable results."*

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---

**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>

**Sent:** Friday, February 21, 2020 10:05 PM

**To:** Aragón, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>

**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hello Tomas.

Thank you for your response. You have yet to confirm or deny the rumors on the use of BHC/HB as a quarantine space.

You will also have to, very soon, inform us which spaces within DPH are/will be impacted. There will definitely be union members in those spaces as well.

The Union's concern is the health and safety of our workers, of their families, when they go back to their homes, and as well, of the general public.

We will consult our members on how they wish to proceed, should they wish a meeting. We will get back to you shortly,

I will be available by email through the weekend, as we await a straightforward reply, and your plans.

Thank you.

**Vivian Z. Araullo**

Representative/Organizer  
IFPTE, Local 21  
1167 Mission Street, Second Floor  
San Francisco, CA 94103  
415.864.2100 Local 21 Main

Website: [www.ifpte21.org](http://www.ifpte21.org)

---

**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>

**Sent:** Friday, February 21, 2020 9:52 PM

**To:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>

**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Dear Ms. Araullo,

Thank you for reaching out.

Unfortunately, across the US and California health officials are having to identify appropriate spaces for non-hospitalized persons who require quarantine or isolation. **Ideally, this would be done at home.**

We are preparing for persons who do not have an appropriate home or living situation (e.g., homeless, or vulnerable person(s) in their home).

Within DPH we have identified a few spaces, and we are looking for more. The city's EOC Care and Shelter Branch is activated and is looking for more living spaces in SF that meet the requirements.

This is a collective citywide effort to make sure we care for our residents with compassion and respect.

We are following CDC and CDPH safety guidelines.

I suggest we meet to hear your ideas, get your input, and address your concerns.

We will work with Drs. Colfax and Bobba on next steps. Thank you again.

With gratitude,

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
101 Grove St., Rm 308, SF CA 94102

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*"Radical transformational leadership is leading change from the universal values of dignity, equity, compassion and humility to transform self, people, systems and cultures towards equity and sustainable results."*

-----

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---

**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>

**Sent:** Friday, February 21, 2020 9:09 PM

**To:** Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker

<[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hi Kelly,

Thank you for your quick response. With all due respect, however, you did not give us a direct response to the question on the BHC/HB being potentially used as a quarantine space.

You must address this rumor circulating at BHC/Hummingbird with directness and clarity, and as soon as possible.

Failure to assure our members of their safety and health at the workplace is a violation of our MOU.

Thank you.

For the Union,

Vivian

**Vivian Z. Arullo**

Representative/Organizer  
IFPTE, Local 21  
1167 Mission Street, Second Floor  
San Francisco, CA 94103  
415.864.2100 Local 21 Main

Website: [www.ifpte21.org](http://www.ifpte21.org)

---

**From:** Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>  
**Sent:** Friday, February 21, 2020 8:37 PM  
**To:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>  
**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hi Vivian,

Thank you for reaching out. I appreciate your concern. Please be assured we would not make plans that would place employees at risk.

I am including Dr. Juliet Stoltey, Director, Communicable Disease Control and Prevention, Dr. Tomas Aragon, Health Officer, and Naveena Bobba, the Department Operations Center Director, to respond to your concerns as the subject matter experts on public health emergency response and any questions you may have regarding COVID-19.

Until they can respond, I will direct you to the federal CDC site that provides information and guidance related to managing care for individuals in a residential setting:

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-prevent-spread.html>

Kelly

Kelly Hiramoto, LCSW  
Special Projects Manager  
SF Department of Public Health  
415.554.2828 Telephone

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and permanently delete this message and any attachments. Thank you.

---

**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>

**Sent:** Friday, February 21, 2020 7:37:29 PM

**To:** Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>

**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>

**Subject:** URGENT: Rumors re corona virus quarantine at Hummingbird

This message is from outside the City email system. Do not open links or attachments from untrusted sources.

It's come to the Union's attention that rumors are circulating at BHC/Hummingbird alleging that Hummingbird, adjacent to BHC, will be used as a quarantine area for coronavirus-affected or suspected coronavirus- affected individuals.

We are deeply concerned. We would like to have facts on this matter. If this rumor has basis, please provide the Union your plans to inform and protect our members ASAP. If the rumor is untrue, please say so as well.

Please reply as soon as possible, as our members do not feel safe.

Thank you for your cooperation. Please reply as soon as possible. Please be assured, we do not want to cause undue panic, but we also do not want these rumors to go unaddressed, since our members' health and safety might be at stake.

Absent an explanation, we are prepared to escalate this to higher authorities within DPH. Please respond ASAP.

Thank you.

For the Union,

Vivian Araullo

**Vivian Z. Araullo**

Representative/Organizer  
IFPTE, Local 21  
1167 Mission Street, Second Floor  
San Francisco, CA 94103  
415.864.2100 Local 21 Main

Website: [www.ifpte21.org](http://www.ifpte21.org)



**From:** [Varisto, Michaela \(DPH\)](#)  
**To:** [Daniel Becker](#); [Bobba, Naveena \(DPH\)](#); [Vivian Araullo](#); [Aragon, Tomas \(DPH\)](#); [Hiramoto, Kelly \(DPH\)](#); [Sims, Linda \(DPH\)](#)  
**Cc:** [Jason Klumb](#); [Stoltey, Juliet \(DPH\)](#); [Colfax, Grant \(DPH\)](#); [Brown, Michael \(DPH\)](#); [Philip, Susan \(DPH\)](#); [Katherine General](#); [Debra Grabelle](#)  
**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird  
**Date:** Friday, February 28, 2020 11:26:08 AM  
**Attachments:** [2.26.20 LABOR NOTICE - All Labor Organizations Meeting 2.28.20 Re Mayors Emergency Declaration on COVID 19.pdf](#)  
[2.26.20 City Employee Notice.pdf](#)

---

Daniel,

On Wednesday at 12:04 an email was sent from Carol Delorio at DHR that the meeting will be

**Friday, February 28<sup>th</sup>, at 1:00pm in SF City Hall, Room 201.**

Regards,

**Michaela C. Varisto**

Executive Secretary to the Director of Health  
San Francisco Department of Public Health  
101 Grove Street, Room 308  
San Francisco, CA 94102  
Phone: (415) 554-2526  
Email: [michaela.varisto@sfdph.org](mailto:michaela.varisto@sfdph.org)

*Pronouns: she, her, hers*

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---

**From:** Daniel Becker <Daniel.Becker@seiu1021.org>  
**Sent:** Friday, February 28, 2020 11:18 AM  
**To:** Bobba, Naveena (DPH) <naveena.bobba@sfdph.org>; Vivian Araullo <varaullo@ifpte21.org>; Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>; Hiramoto, Kelly (DPH) <kelly.hiramoto@sfdph.org>; Sims, Linda (DPH) <Linda.Sims@sfdph.org>  
**Cc:** Jason Klumb <Jason.Klumb@seiu1021.org>; Stoltey, Juliet (DPH) <juliet.stoltey@sfdph.org>; Colfax, Grant (DPH) <grant.colfax@sfdph.org>; Brown, Michael (DPH) <michael.brown@sfdph.org>; Philip, Susan (DPH) <susan.philip@sfdph.org>; Katherine General <kgeneral@ifpte21.org>; Debra Grabelle <debra.grabelle@ifpte21.org>  
**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird

Please let us know when the meeting is.

Thanks,  
Daniel

Daniel Becker  
Field Representative  
SEIU Local 1021  
350 Rhode Island  
Suite 100 South Bldg.  
San Francisco, CA 94103

Office: 415-848-3639  
Cell: 510-499-1464  
Fax: 415-431-6241  
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**The most important word in the language of the working class is "solidarity."**—*Harry Bridges*

---

**From:** Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Sent:** Wednesday, February 26, 2020 12:10 PM

**To:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

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**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hello,

DHR will be setting up a meeting on Friday with labor about the COVID-19 emergency declaration. We will be addressing questions and concerns as well as asking for how we can plan together.

Sincerely,  
Naveena

---

**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>

**Sent:** Tuesday, February 25, 2020 11:32 AM

**To:** Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** Jason Klumb <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>  
**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird

Hello,

Thank you Daniel. Local 21 also agrees to a meeting.

**Please give us dates as soon as possible.**

Thank you, Vivian

---

**From:** Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>

**Sent:** Tuesday, February 25, 2020 11:09 AM

**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** Jason Klumb <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>

**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird

Hi,

I think we should have a meeting where you hear our members' concerns. Can you give us some dates?

Daniel

Daniel Becker  
Field Representative  
SEIU Local 1021  
350 Rhode Island  
Suite 100 South Bldg.  
San Francisco, CA 94103

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Cell: 510-499-1464  
Fax: 415-431-6241  
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**The most important word in the language of the working class is "solidarity."**—*Harry Bridges*

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**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>

**Sent:** Saturday, February 22, 2020 12:11 AM

**To:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims,

Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** Jason Klumb <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>

**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

No spaces have been used.

We are planning and preparing.

We will work w admin to provide detailed communications and address concerns.

Thanks,

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
101 Grove St., Rm 308, SF CA 94102

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**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>

**Sent:** Friday, February 21, 2020 10:05 PM

**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** Jason.Klumb@seiu1021.org <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine

General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>

**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hello Tomas.

Thank you for your response. You have yet to confirm or deny the rumors on the use of BHC/HB as a quarantine space.

You will also have to, very soon, inform us which spaces within DPH are/will be impacted.

There will definitely be union members in those spaces as well.

The Union's concern is the health and safety of our workers, of their families, when they go back to their homes, and as well, of the general public.

We will consult our members on how they wish to proceed, should they wish a meeting. We will get back to you shortly,

I will be available by email through the weekend, as we await a straightforward reply, and your plans.

Thank you.

**Vivian Z. Araullo**

Representative/Organizer  
IFPTE, Local 21  
1167 Mission Street, Second Floor  
San Francisco, CA 94103  
415.864.2100 Local 21 Main

Website: [www.ifpte21.org](http://www.ifpte21.org)

---

**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>

**Sent:** Friday, February 21, 2020 9:52 PM

**To:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena

(DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>

**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Dear Ms. Araullo,

Thank you for reaching out.

Unfortunately, across the US and California health officials are having to identify appropriate spaces for non-hospitalized persons who require quarantine or isolation. **Ideally, this would be done at home.**

We are preparing for persons who do not have an appropriate home or living situation (e.g., homeless, or vulnerable person(s) in their home).

Within DPH we have identified a few spaces, and we are looking for more. The city's EOC Care and Shelter Branch is activated and is looking for more living spaces in SF that meet the requirements.

This is a collective citywide effort to make sure we care for our residents with compassion and respect.

We are following CDC and CDPH safety guidelines.

I suggest we meet to hear your ideas, get your input, and address your concerns.

We will work with Drs. Colfax and Bobba on next steps. Thank you again.

With gratitude,

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
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**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>  
**Sent:** Friday, February 21, 2020 9:09 PM  
**To:** Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>  
**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hi Kelly,

Thank you for your quick response. With all due respect, however, you did not give us a direct response to the question on the BHC/HB being potentially used as a quarantine space.

You must address this rumor circulating at BHC/Hummingbird with directness and clarity, and as soon as possible.

Failure to assure our members of their safety and health at the workplace is a violation of our MOU.

Thank you.

For the Union,

Vivian

**Vivian Z. Araullo**

Representative/Organizer  
IFPTE, Local 21  
1167 Mission Street, Second Floor  
San Francisco, CA 94103  
415.864.2100 Local 21 Main

Website: [www.ifpte21.org](http://www.ifpte21.org)

---

**From:** Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>  
**Sent:** Friday, February 21, 2020 8:37 PM  
**To:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>  
**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hi Vivian,

Thank you for reaching out. I appreciate your concern. Please be assured we would not make plans that would place employees at risk.

I am including Dr. Juliet Stoltey, Director, Communicable Disease Control and Prevention, Dr. Tomas Aragon, Health Officer, and Naveena Bobba, the Department Operations Center Director, to respond to your concerns as the subject matter experts on public health emergency response and any questions you may have regarding COVID-19.

Until they can respond, I will direct you to the federal CDC site that provides information and guidance related to managing care for individuals in a residential setting:



<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-prevent-spread.html>

Kelly

Kelly Hiramoto, LCSW  
Special Projects Manager  
SF Department of Public Health  
415.554.2828 Telephone

This message and any attachments are solely for the intended recipient and may contain confidential or privileged information. If you are not the intended recipient, any disclosure, copying, use or distribution of the information included in this message and any attachments is prohibited. If you have received this communication in error, please notify me by reply e-mail and immediately and permanently delete this message and any attachments. Thank you.

---

**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>  
**Sent:** Friday, February 21, 2020 7:37:29 PM  
**To:** Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>  
**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>  
**Subject:** URGENT: Rumors re corona virus quarantine at Hummingbird

This message is from outside the City email system. Do not open links or attachments from untrusted sources.

It's come to the Union's attention that rumors are circulating at BHC/Hummingbird alleging that Hummingbird, adjacent to BHC, will be used as a quarantine area for coronavirus-affected or suspected coronavirus- affected individuals.

We are deeply concerned. We would like to have facts on this matter. If this rumor has basis, please provide the Union your plans to inform and protect our members ASAP. If the rumor is untrue, please say so as well.

Please reply as soon as possible, as our members do not feel safe.

Thank you for your cooperation. Please reply as soon as possible. Please be assured, we do not want to cause undue panic, but we also do not want these rumors to go unaddressed, since our members' health and safety might be at stake.

Absent an explanation, we are prepared to escalate this to higher authorities within DPH. Please respond ASAP.

Thank you.

For the Union,

Vivian Araullo

**Vivian Z. Araullo**

Representative/Organizer  
IFPTE, Local 21  
1167 Mission Street, Second Floor  
San Francisco, CA 94103  
415.864.2100 Local 21 Main

Website: [www.ifpte21.org](http://www.ifpte21.org)

**From:** [Daniel Becker](#)  
**To:** [Bobba, Naveena \(DPH\)](#); [Vivian Araullo](#); [Aragon, Tomas \(DPH\)](#); [Hiramoto, Kelly \(DPH\)](#); [Sims, Linda \(DPH\)](#)  
**Cc:** [Jason Klumb](#); [Stoltey, Juliet \(DPH\)](#); [Colfax, Grant \(DPH\)](#); [Brown, Michael \(DPH\)](#); [Philip, Susan \(DPH\)](#); [Katherine General](#); [Debra Grabelle](#)  
**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird  
**Date:** Friday, February 28, 2020 11:18:23 AM

---

Please let us know when the meeting is.

Thanks,  
Daniel

Daniel Becker  
Field Representative  
SEIU Local 1021  
350 Rhode Island  
Suite 100 South Bldg.  
San Francisco, CA 94103

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Cell: 510-499-1464  
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**The most important word in the language of the working class is "solidarity."—  
*Harry Bridges***

---

**From:** Bobba, Naveena (DPH) <naveena.bobba@sfdph.org>  
**Sent:** Wednesday, February 26, 2020 12:10 PM  
**To:** Vivian Araullo <varaullo@ifpte21.org>; Daniel Becker <Daniel.Becker@seiu1021.org>; Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>; Hiramoto, Kelly (DPH) <kelly.hiramoto@sfdph.org>; Sims, Linda (DPH) <Linda.Sims@sfdph.org>  
**Cc:** Jason Klumb <Jason.Klumb@seiu1021.org>; Stoltey, Juliet (DPH) <juliet.stoltey@sfdph.org>; Colfax, Grant (DPH) <grant.colfax@sfdph.org>; Brown, Michael (DPH) <michael.brown@sfdph.org>; Philip, Susan (DPH) <susan.philip@sfdph.org>; Katherine General <kgeneral@ifpte21.org>; Debra Grabelle <debra.grabelle@ifpte21.org>  
**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hello,  
DHR will be setting up a meeting on Friday with labor about the COVID-19 emergency declaration. We will be addressing questions and concerns as well as asking for how we can plan together.  
Sincerely,  
Naveena

---

**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>  
**Sent:** Tuesday, February 25, 2020 11:32 AM  
**To:** Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>  
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**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird

Hello,  
Thank you Daniel. Local 21 also agrees to a meeting.  
**Please give us dates as soon as possible.**  
Thank you, Vivian

---

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**Subject:** RE: URGENT: Rumors re corona virus quarantine at Hummingbird

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**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

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We are planning and preparing.

We will work w admin to provide detailed communications and address concerns.

Thanks,

Tomas  
p.s. plz excuse typos

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Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
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**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>  
**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Katherine General <[kgeneral@ifpte21.org](mailto:kgeneral@ifpte21.org)>; Debra Grabelle <[debra.grabelle@ifpte21.org](mailto:debra.grabelle@ifpte21.org)>  
**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hello Tomas.

Thank you for your response. You have yet to confirm or deny the rumors on the use of BHC/HB as a quarantine space.  
You will also have to, very soon, inform us which spaces within DPH are/will be impacted. There will definitely be union members in those spaces as well.

The Union's concern is the health and safety of our workers, of their families, when they go back to their homes, and as well, of the general public.

We will consult our members on how they wish to proceed, should they wish a meeting. We will get back to you shortly,

I will be available by email through the weekend, as we await a straightforward reply, and your plans.

Thank you.

**Vivian Z. Araullo**

Representative/Organizer  
IFPTE, Local 21  
1167 Mission Street, Second Floor  
San Francisco, CA 94103  
415.864.2100 Local 21 Main

Website: [www.ifpte21.org](http://www.ifpte21.org)

---

**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>

**Sent:** Friday, February 21, 2020 9:52 PM

**To:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>

**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>; Colfax, Grant (DPH) <[grant.colfax@sfdph.org](mailto:grant.colfax@sfdph.org)>; Brown, Michael (DPH) <[michael.brown@sfdph.org](mailto:michael.brown@sfdph.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>

**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Dear Ms. Araullo,

Thank you for reaching out.

Unfortunately, across the US and California health officials are having to identify appropriate spaces for non-hospitalized persons who require quarantine or isolation. **Ideally, this would be done at home.**

We are preparing for persons who do not have an appropriate home or living situation (e.g., homeless, or vulnerable person(s) in their home).

Within DPH we have identified a few spaces, and we are looking for more. The city's EOC Care and Shelter Branch is activated and is looking for more living spaces in SF that meet the requirements.

This is a collective citywide effort to make sure we care for our residents with compassion and respect.

We are following CDC and CDPH safety guidelines.

I suggest we meet to hear your ideas, get your input, and address your concerns.

We will work with Drs. Colfax and Bobba on next steps. Thank you again.

With gratitude,

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH

415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
101 Grove St., Rm 308, SF CA 94102

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*"Radical transformational leadership is leading change from the universal values of dignity, equity, compassion and humility to transform self, people, systems and cultures towards equity and sustainable results."*

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---

**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>  
**Sent:** Friday, February 21, 2020 9:09 PM  
**To:** Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>  
**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hi Kelly,

Thank you for your quick response. With all due respect, however, you did not give us a direct response to the question on the BHC/HB being potentially used as a quarantine space.

You must address this rumor circulating at BHC/Hummingbird with directness and clarity, and as soon as possible.

Failure to assure our members of their safety and health at the workplace is a violation of our MOU.

Thank you.

For the Union,

Vivian



**Vivian Z. Araullo**

Representative/Organizer  
IFPTE, Local 21  
1167 Mission Street, Second Floor  
San Francisco, CA 94103  
415.864.2100 Local 21 Main

Website: [www.ifpte21.org](http://www.ifpte21.org)

---

**From:** Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>  
**Sent:** Friday, February 21, 2020 8:37 PM  
**To:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>; Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>  
**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Re: URGENT: Rumors re corona virus quarantine at Hummingbird

Hi Vivian,

Thank you for reaching out. I appreciate your concern. Please be assured we would not make plans that would place employees at risk.

I am including Dr. Juliet Stoltey, Director, Communicable Disease Control and Prevention, Dr. Tomas

Aragon, Health Officer, and Naveena Bobba, the Department Operations Center Director, to respond to your concerns as the subject matter experts on public health emergency response and any questions you may have regarding COVID-19.

Until they can respond, I will direct you to the federal CDC site that provides information and guidance related to managing care for individuals in a residential setting:

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-prevent-spread.html>

Kelly

Kelly Hiramoto, LCSW  
Special Projects Manager  
SF Department of Public Health  
415.554.2828 Telephone

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---

**From:** Vivian Araullo <[varaullo@ifpte21.org](mailto:varaullo@ifpte21.org)>  
**Sent:** Friday, February 21, 2020 7:37:29 PM  
**To:** Sims, Linda (DPH) <[Linda.Sims@sfdph.org](mailto:Linda.Sims@sfdph.org)>; Hiramoto, Kelly (DPH) <[kelly.hiramoto@sfdph.org](mailto:kelly.hiramoto@sfdph.org)>  
**Cc:** [Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org) <[Jason.Klumb@seiu1021.org](mailto:Jason.Klumb@seiu1021.org)>; Daniel Becker <[Daniel.Becker@seiu1021.org](mailto:Daniel.Becker@seiu1021.org)>  
**Subject:** URGENT: Rumors re corona virus quarantine at Hummingbird

This message is from outside the City email system. Do not open links or attachments from untrusted sources.

It's come to the Union's attention that rumors are circulating at BHC/Hummingbird alleging that Hummingbird, adjacent to BHC, will be used as a quarantine area for coronavirus-affected or suspected coronavirus- affected individuals.

We are deeply concerned. We would like to have facts on this matter. If this rumor has basis, please provide the Union your plans to inform and protect our members ASAP. If the rumor is untrue, please say so as well.

Please reply as soon as possible, as our members do not feel safe.

Thank you for your cooperation. Please reply as soon as possible. Please be assured, we do not want to cause undue panic, but we also do not want these rumors to go unaddressed, since our members' health and safety might be at stake.

Absent an explanation, we are prepared to escalate this to higher authorities within DPH. Please respond ASAP.

Thank you.

For the Union,

Vivian Araullo

**Vivian Z. Araullo**

Representative/Organizer  
IFPTE, Local 21  
1167 Mission Street, Second Floor  
San Francisco, CA 94103  
415.864.2100 Local 21 Main

Website: [www.ifpte21.org](http://www.ifpte21.org)

**From:** [Centers for Disease Control and Prevention](#)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** Week of February 24 - PHIL Image of the Day  
**Date:** Friday, February 28, 2020 11:02:09 AM

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## Weekly PHIL Images

### Featured Image

Transmission electron microscopic image of an isolate from the first U.S. case of COVID-19, formerly known as 2019-nCoV. The spherical viral particles, colored blue, contain cross-sections through the viral genome, seen as black dots.

[Learn more about this image >](#)



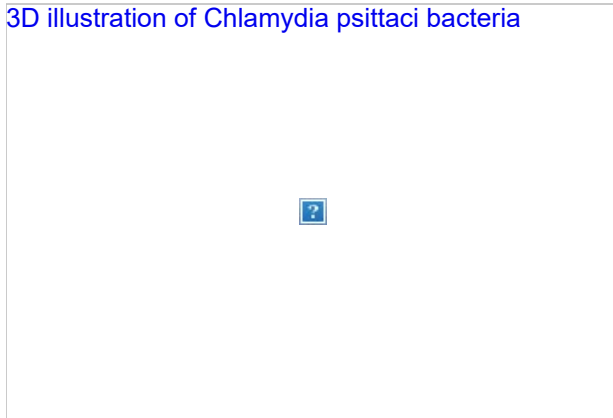
This 3-dimensional (3D) image illustrates the very beginning stages of an influenza (flu) infection. Most experts think that influenza viruses spread mainly through small droplets containing influenza virus.

[Learn more about this image >](#)

In this 2017 photo, captured inside a clinical setting, a health care provider was placing a bandage on the injection site of a patient, who just received an influenza vaccine. The best way to prevent...

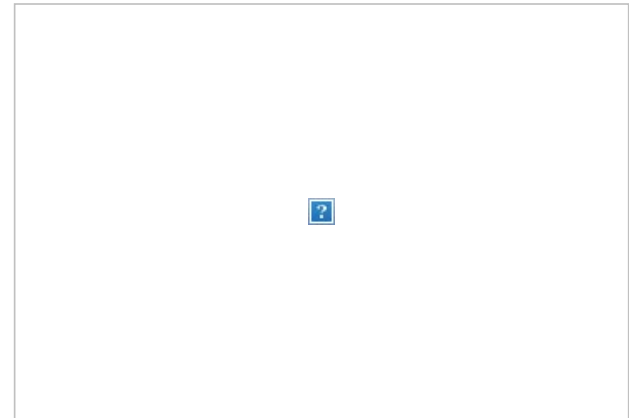
[Learn more about this image >](#)

#### 3D illustration of *Chlamydia psittaci* bacteria



This illustration depicted a three-dimensional (3D), computer-generated image, of a group of Gram-negative, *Chlamydia psittaci* bacteria. The artistic recreation was based upon scanning electron...

[Learn more about this image >](#)



This transmission electron microscopic image, revealed some of the ultrastructural details displayed by a *Listeria* sp. bacterium, including the presence of its peritrichous flagella, originating...

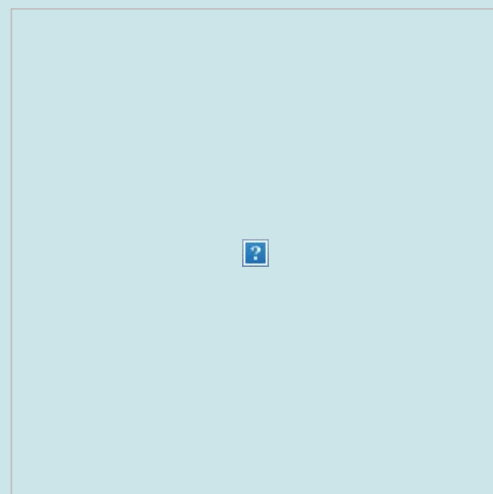
[Learn more about this image >](#)

## Coronavirus Disease 2019 (COVID-19) in the U.S.

**As of February 28, 2020**

In the United States, there have been 15 confirmed cases of COVID-19 reported. CDC provides updated information on the number of persons under investigation in the United States online on Mondays, Wednesdays, and Fridays.

**U.S. Cases**



[Sign up for the COVID-19 newsletter](#) if you would like more information on the coronavirus disease 2019 (COVID-19) outbreak. Please share it with your colleagues and networks.



## Centers for Disease Control and Prevention

1600 Clifton Rd Atlanta, GA 30329 1-800-CDC-INFO (800-232-4636) TTY: 888-232-6348

[Questions or Problems](#) | [Unsubscribe](#)

**From:** [Masinde, Godfred \(DPH\)](#)  
**To:** [DuBois, Amie \(DPH\)](#); [Chan, Curtis \(DPH\)](#); [Stoltey, Juliet \(DPH\)](#); [Louie, Janice \(DPH\)](#)  
**Cc:** [Aragon, Tomas \(DPH\)](#); [Philip, Susan \(DPH\)](#); [Trammell, Stephanie \(DPH\)](#); [Lei, John \(DPH\)](#)  
**Subject:** Re: [External] RE: PUI 2651  
**Date:** Friday, February 28, 2020 10:25:46 AM

---

Hi All,

The proper protocol that we need to follow is all specimens come through the San Francisco Public Health Lab to be shipped from us not direct. It is very important that we are the custodians of that information so that our department can have quick access to the data in the future and for updates. Even shipping to CDPH we still need to be the source. Thanks

Godfred

Godfred Masinde, PhD, MBA, HCLD(ABB), CM (CA)  
Laboratory Director  
San Francisco Public Health Laboratories  
101 Grove Street, Room 419  
San Francisco, CA 94102  
Email: [Godfred.Masinde@sfdph.org](mailto:Godfred.Masinde@sfdph.org)  
Tel: (415) 554-2685  
Fax: (415) 431-0651

---

**From:** DuBois, Amie (DPH) <[amie.dubois@sfdph.org](mailto:amie.dubois@sfdph.org)>  
**Sent:** Friday, February 28, 2020 9:56 AM  
**To:** Chan, Curtis (DPH) <[curtis.chan@sfdph.org](mailto:curtis.chan@sfdph.org)>; Stoltey, Juliet (DPH) <[juliet.stoltey@sfdph.org](mailto:juliet.stoltey@sfdph.org)>; Louie, Janice (DPH) <[janice.louie@sfdph.org](mailto:janice.louie@sfdph.org)>; Masinde, Godfred (DPH) <[godfred.masinde@sfdph.org](mailto:godfred.masinde@sfdph.org)>  
**Subject:** Fw: [External] RE: PUI 2651

Good morning. FYI, the specimens from Chinese Hospital were sent directly to the CDC early this am. Tracking number provided by Chinese Hospital lab. I spent some time on the phone with the lab director about lab specimens for nCoV-19 and would like to provide some direction in writing. Do we have guidance in writing that we have provided to the SF clinical laboratories?

Godfred, please weigh in about how to best inform the labs about the process for submitting specimens from the laboratory perspective.

---

**From:** David Jordan <[davidj@chasf.org](mailto:davidj@chasf.org)>  
**Sent:** Friday, February 28, 2020 9:32 AM  
**To:** DuBois, Amie (DPH) <[amie.dubois@sfdph.org](mailto:amie.dubois@sfdph.org)>  
**Cc:** Do, Jennifer-Xuan (DPH) <[jennifer-xuan.do@sfdph.org](mailto:jennifer-xuan.do@sfdph.org)>  
**Subject:** FW: [External] RE: PUI 2651

This message is from outside the City email system. Do not open links or attachments from untrusted sources.

Thank you for your phone call just now. Please see below, email from EOC CDC Atlanta at 6:52 this morning,

Thank you,

*David*

**David Jordan**  
**Laboratory Manager**

Cell: (747) 267 3607

Office: (415) 677-2466

[davidj@chasf.org](mailto:davidj@chasf.org)

[www.ChineseHospital-SF.com](http://www.ChineseHospital-SF.com)



**CHINESE  
HOSPITAL  
& CLINICS**

845 JACKSON STREET  
SAN FRANCISCO, CA 94133

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**HOSPITAL**  
SAFETY GRADE

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---

**From:** Jenkins, Leecresia T. (CDC/DDPHSIS/CPR/DEO) <gpj9@cdc.gov>  
**Sent:** Friday, February 28, 2020 6:52 AM  
**To:** David Jordan <davidj@chasf.org>  
**Cc:** Gina Yam <ginay@chasf.org>; CDC IMS Logistics Transportation <eocevent306@cdc.gov>; CDC IMS Logistics Section Chief (CDC) <eoclogchief@cdc.gov>; EOC Report (CDC) <eoereport@cdc.gov>; CDC IMS 2019 NCOV Response PUI <eocevent185@cdc.gov>  
**Subject:** [External] RE: PUI 2651

Thank you for contacting the CDC EOC and providing the information below.

World Courier has scheduled pick up for this specimen at 9:30AM (Job #2142). The World Courier driver should contact you upon arrival.

The package is scheduled to leave on Delta flight 3040 departing at 12:55PM, arriving in Atlanta at 8:36PM, and delivered to CDC by 10:30PM 02/28/2020.

CDC SHIPPING ADDRESS



ATTN: STAT LAB - URGENT - 2019 Novel Coronavirus  
c/o Steve Lindstrom, Shifaa Kamili (Unit 84)  
Respiratory Viruses Diagnostic Laboratory / DVD  
Centers for Disease Control and Prevention  
1600 Clifton Road, NE  
Atlanta, Georgia, 30333  
Telephone: 404-639-1587  
Email: [SQL5@CDC.GOV](mailto:SQL5@CDC.GOV)

V/R,

*Leecresia Jenkins, Ph.D.*

**Emergency Management Specialist**

---

**From:** David Jordan <[davidj@chasf.org](mailto:davidj@chasf.org)>  
**Sent:** Friday, February 28, 2020 9:41 AM  
**To:** CDC IMS Logistics Transportation <[eocevent306@cdc.gov](mailto:eocevent306@cdc.gov)>; CDC IMS Logistics Section Chief (CDC) <[eoclogchief@cdc.gov](mailto:eoclogchief@cdc.gov)>  
**Cc:** Gina Yam <[ginay@chasf.org](mailto:ginay@chasf.org)>  
**Subject:** CDC Specimen Submission  
**Importance:** High

**Reference: PUI 0002651**

On the instructions of EOC, CDC, this email is to inform you that we have two samples (nasopharyngeal and oropharyngeal swabs) to submit on one of our patients. ED doctor at this hospital discussed the case with San Francisco Public Health and was given PUI number 0002651. I was told by CDC to await call with relevant shipping information.

Thank you,

*David*

**David Jordan**

**Laboratory Manager**

Cell: (747) 267 3607

Office: (415) 677-2466

[davidj@chasf.org](mailto:davidj@chasf.org)

[www.ChineseHospital-SF.com](http://www.ChineseHospital-SF.com)



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**WARNING:** This email originated outside of the Chinese Hospital/CCHP email system!

**DO NOT CLICK** links or open attachments if the sender is unknown and never provide your User ID or Password.

**From:** [Centers for Disease Control and Prevention](#)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** Protect Yourself from Flu While Traveling  
**Date:** Friday, February 28, 2020 10:04:32 AM

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# Influenza (Flu)

## 2019 - 2020 Flu Season

February 28, 2020

[www.cdc.gov/flu](http://www.cdc.gov/flu)

[Flu Vaccine Finder](#)

### Weekly U.S. Influenza Surveillance Report

According to CDC's latest FluView report (Feb 16 – 22), national levels of flu-like illness decreased but remain high and severity indicators continue to show children have been hit hard by flu this season. CDC estimates that so far this season, there have been at least 32 million flu illnesses, 310,000 hospitalizations and 18,000 deaths from flu.

[Learn More](#)

### Protect Yourself from Flu While Traveling

Are you planning upcoming travel? The risk for exposure to flu during travel can depend on the time of year and destination. People who have not gotten a flu vaccine for the current season should get vaccinated at least 2 weeks before traveling to destinations with ongoing flu activity. If you plan to [travel](#), make sure you know how to protect yourself from flu.

[Learn More](#)

### Keep Flu Out of Schools

This flu season has been especially bad for children. A [recent CDC study](#) shows flu vaccines have helped cut in half the number of doctor's visit for flu among vaccinated children this season. Educators and staff can help stop the spread of flu in schools by encouraging children, parents, and staff to practice [everyday preventive actions](#).

[Learn More](#)



## Follow us on Twitter

#Parents: if your child gets sick with #flu, make sure you know what to do! Identify symptoms early, if they are at high risk consult your doctor, and keep them home while sick. <https://go.usa.gov/xddac>

[Sign up for the newsletter](#) to receive weekly emails about the coronavirus disease 2019 (COVID-19) outbreak.



### Centers for Disease Control and Prevention

1600 Clifton Rd Atlanta, GA 30329 1-800-CDC-INFO (800-232-4636) TTY: 888-232-6348

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**From:** [CCSF Department of Emergency Management](#)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** DEM 24-Hour Daily Situational Awareness Report - 02-28-2020  
**Date:** Friday, February 28, 2020 9:31:36 AM

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Report Date: 02-28-2020

## 24-Hour Daily Situational Awareness Report

---

### Priority Information / Current Notable Local Incidents:

-The Centers for Disease Control and Prevention (CDC) has confirmed 11 cases of the recently named COVID-19 (novel coronavirus-2019) in California:

- 2 – San Benito County
- 2 – San Diego County
- 2 – Santa Clara County
- 1 – Humboldt County
- 1 – Los Angeles County
- 1 – Orange County
- 1 – Sacramento County
- 1 – Yolo County

-The Department of Homeland Security issued supplemental instructions for inbound flights with individuals who have been in China. For more information, see: <https://www.dhs.gov/news/2020/02/02/dhs-issues-supplemental-instructions-inbound-flights-individuals-who-have-been-china>

-The CDC has issued travel advisories to countries affected by the virus: <https://www.cdc.gov/coronavirus/2019-ncov/travelers/index.html>

-US Health and Human Services has declared a public health emergency. For more information, see: <https://www.hhs.gov/about/news/2020/01/31/secretary-azar-declares-public-health-emergency-us-2019-novel-coronavirus.html>

- Additional coronavirus information: <https://www.cdc.gov/coronavirus/2019->

ncov/index.html or by calling 800-CDC- INFO | (800-232-4636) | TTY: (888) 232-6348

- CDC information for healthcare providers: <https://www.cdc.gov/coronavirus/2019-nCoV/guidance-hcp.html>

- Information for San Francisco residents:

<https://www.sf72.org/>

<https://www.sfdph.org/dph/>

---

### **DEM Contact Information:**

#### **Watch Center Operations**

Mon-Sun, 0600-2230 Hours

- Primary (415) 260-2591

- Desk (415) 558-2738

- Email: [demdutyofficer@sfgov.org](mailto:demdutyofficer@sfgov.org)

#### **Duty Officer (After Hours)**

Mon-Sun, 2230-0600 Hours

- Current Duty Officer: Ed Trinh / 415-260-2591

**Manager On Call (MOC):** Bijan Karimi - 415-640-8269 - [bijan.karimi@sfgov.org](mailto:bijan.karimi@sfgov.org)

**Public Information Officer:** Kristin Hogan - 415-518-2834 -

[kristin.hogan@sfgov.org](mailto:kristin.hogan@sfgov.org) / 415-558-2712

Current EOC Status: Level 2

EOC Activation Levels:

<b>Level</b>	<b>EOC Status</b>	<b>Description</b>	<b>Time</b>
DO / MOC	EOC Standby	Duty Officer / Manager On-Call	After-hours & Weekends
3	EOC Open	Watch Center (Monitoring)	0600-2230; daily (excluding holidays)
2	EOC Open	Partial w/ 1st Response Elements & Support	As Needed
1	EOC Open	Full Activation (All Sections and Positions)	As Needed

## **Weather Summary and Forecast:**

Today – Partly sunny with a high of 69. Winds of 5 to 7 mph.

Tonight – Cloudy with a low of 50. Winds of 10 mph.

Tomorrow – Mostly sunny with a high of 59. Winds of 13 to 21 mph with gusts of 26 mph.

## **Air Quality Index (AQI):**

Current: 77

Forecast: 59

[www.airnow.gov](http://www.airnow.gov)

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## **Happening Today - Special Events for 02-28-2020:**

Friday (2/28/2020)

-RSA Data Security Conference @ Moscone Center, 7:00am to 7:00pm

-Galantis @ Bill Graham, 8:00pm to 12:00am

-Filming Street Closure @ Quincy St between California and Pine, 7:00am to 7:00pm and Sacramento between Leidesdorff and Battery, 8:00pm to March 1, 7:00pm and Sansome between Clay and Sutter

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## **Happening This Week - Special Events from 02-29-2020 to 03-06-2020:**

Saturday (2/29/2020)

-Dash and Splash Polar Plunge @ Aquatic Park, 7:00am to 3:00pm

-Filming Street Closure @ Pine between Front and Montgomery, 7:00am to 5:00am

-Filming activity @ 444 Stockton, 5:00pm to 5:00am

Sunday (3/1/2020)

-YMCA Chinese New Years Run @ Portsmouth Square (street closures), 7:30am to 10:30am

-Warriors vs. Wizards @ Chase Center, 5:30pm to 9:00pm

-Filming Street Closure @ Pine between Montgomery and Market, 3:00pm to 5:00am

-Filming activity @ 444 Stockton, 5:00pm to 5:00am

Monday (3/2/2020)

-No large events scheduled

Tuesday (3/03/2020)

-No large events scheduled

Wednesday (3/04/2020)

-Hamilton Education Program @ Fulton between Hyde and Larkin (street closures),  
8:00am to 6:00pm

Thursday (3/05/2020)

-Warriors vs. Raptors @ Chase Center, 7:30pm to 11:00pm

Friday (3/06/2020)

-No Large events scheduled

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### **Critical Branch Updates:**

CCSF Transportation Branch:

- SFMTA Muni Alert messages: <https://www.sfmta.com>

CCSF Infrastructure Branch:

- Nothing significant to report.

CCSF Public Safety Branch:

- Nothing significant to report.

CCSF Health and Human Services Branch:

- The San Francisco Department of Public Health continues to coordinate with partner agencies to monitor the COVID-19 (novel coronavirus-2019) situation.

CCSF Community Branch:

- Community Branch has activated to provide COVID-19 information to city partners, schools and the private sector.

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**Domestic and International News:**

**Earthquake shakes Lake County area, felt as far as Petaluma**

A magnitude 3.5 earthquake rattled a remote area of Lake County near Cobb Thursday afternoon, according to officials with the U.S. Geological Survey. The small quake struck at 3:27 p.m. in the area south of Clear Lake, about four miles northwest of Cobb, the USGS reported. Some reported feeling the earthquake as far south as Petaluma, which is 60 miles south of Cobb. The USGS characterized its intensity as a light earthquake.

<https://www.sacbee.com/news/local/article240712501.html>

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**8,400 people in Calif. are being monitored for coronavirus, Gov. Newsom says**

California Governor Gavin Newsom said in a press conference Thursday that at least 8,400 people are being monitored for new coronavirus in the state. The news comes a day after the Centers for Disease Control announced what's being called the first American case of unknown origin. That Solano County resident is being treated at UC Davis Medical Center near Sacramento. State and federal health officials are trying to locate everyone who came in contact with the Northern California woman. She had no known connection to individuals who traveled abroad or other known causes. The woman lives in Solano County, home to Travis Air Force Base, where dozens of people infected in China or on cruise ships have been treated. But Sonia Angell, director of the California Department of Public Health, said there was no evidence the woman had any connection to the base. "We are not overreacting, but we are not underreacting," Newsom said. "Yesterday's case generated a lot of attention, but we all knew this was inevitable." Newsom declined comment when asked by reporters to name the community in Solano County where the woman is from. He urged people to take precautions while emphasizing that the risks to public health are low. He said there was no need to declare a public health emergency. "Everybody in this country is rightfully anxious about this moment," Newsom said. "I think they should know we are meeting this moment with the kind of urgency that is necessary and I don't want to over extend the anxiety."

<https://www.sfgate.com/bayarea/article/Gavin-Newsom-coronavirus-California-people-monitor-15089928.php>

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**Congress eyes billions in funding to fight coronavirus**

WASHINGTON (AP) — Capitol Hill negotiations on emergency spending to combat the coronavirus outbreak are likely to produce a bill that's double or even triple the \$2.5 billion plan requested by President Donald Trump just days ago. Lawmakers and aides involved in the talks say they are proceeding well and are likely to produce legislation in the \$6 billion to \$8 billion range. Both the Democratic-controlled House and GOP-held Senate are eager to complete work on the measure in the next two weeks.

<https://apnews.com/c3b49aaa207f10607f4affcc821d42d4>

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The City & County of San Francisco (CCSF) Department of Emergency Management's Duty Officer

Program compiles and disseminates this product in order to maintain situational awareness among public safety partners.

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**From:** [State and Local Readiness \(CDC\)](#)  
**To:** [State and Local Readiness \(CDC\)](#)  
**Subject:** 2-28-2020 CDC Media Telebriefing: Update on COVID-19  
**Date:** Friday, February 28, 2020 8:24:47 AM

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## Media Advisory

**For Immediate Release**  
**Friday Feb. 28, 2020**

Contact: [CDC Media Relations](#)  
(404) 639-3286

### **CDC Media Telebriefing: Update on COVID-19**

**What** The Centers for Disease Control and Prevention (CDC) will provide an update to media on the COVID-19 response.

**Who** Nancy Messonnier, M.D., Director,  
National Center for Immunization and Respiratory Diseases

**When** 12:15 p.m. ET Friday, Feb. 28, 2020

#### **Dial-In**

Non-Media: 888-795-0855  
International: 1-630-395-0498  
PASSCODE: 6656039

#### **Important Instructions**

Due to anticipated high volume, please plan to dial in to the telebriefing 15 minutes before the start time.

Media: If you would like to ask a question during the call, press \*1 on your touchtone phone. Press \*2 to withdraw your question. You may queue up at any time. You will hear a tone to indicate your question is pending.

#### **TRANSCRIPT**

A transcript will be available following the briefing at CDC's web site: [www.cdc.gov/media](http://www.cdc.gov/media).

###

[U.S. Department of Health and Human Services](#)

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**From:** [EPIXUpdate@cdc.gov](mailto:EPIXUpdate@cdc.gov)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** Epi-X Today: Friday, February 28, 2020  
**Date:** Friday, February 28, 2020 2:05:38 AM

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*Epi-X* reports posted in your areas of interest in the past 72 hours. To view a specific report, click on its URL.

~ ~ ~ ~ ~

~\*~ **Global Immunization News Report, February 27, 2020** ~\*~

Today's Global Immunization News report includes polio, measles, Ebola, mumps, Yellow fever, cholera, policy and funding, vaccine demand and safety, coronavirus, and other news for Thursday, February 27, 2020.

<https://epix2.cdc.gov/v2/Reports/Display.aspx?id=81117>

~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

~\*~ **Special Epi-X Media Tracking Report - COVID-19, February 27, 2020** ~\*~

This report provides special media coverage of the 2019 novel coronavirus outbreak (COVID-19).

<https://epix2.cdc.gov/v2/Reports/Display.aspx?id=81269>

~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

~\*~ **Media Tracking Report, February 27, 2020** ~\*~

Media stories include influenza in multiple states; Legionnaires' in Illinois; mumps in California and New York; pertussis in Minnesota; COVID-19 in the U.S. and other multiple countries; Lassa fever in Nigeria; dengue in Chile; polio in Pakistan; H1N1 in India; and other media coverage.

<https://epix2.cdc.gov/v2/Reports/Display.aspx?id=81154>

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(877) 438-3749

For help with preparing or posting a report, contact the Editor on Call:

(877) 862-2392 (toll free within the United States)  
+1-770-488-7100 (If you cannot use the toll free number above, please call the CDC Emergency Operations Center and ask to speak to the *Epi-X* editor on call.)

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**From:** [Nieves, Israel \(DPH\)](#)  
**To:** [Nguyen, Rita \(DPH\)](#); [Bobba, Naveena \(DPH\)](#); [Ochi, Ed \(DPH\)](#); [Aragon, Tomas \(DPH\)](#)  
**Cc:** [Cushing, Stephanie \(DPH\)](#); [Philip, Susan \(DPH\)](#)  
**Subject:** Re: Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded  
**Date:** Thursday, February 27, 2020 8:12:45 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)

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Thank you Rita. I believe we would work locally to share this guidance with the business we contract with as a city. I truly appreciate your support.

Best  
Israel

Get [Outlook for iOS](#)

---

**From:** Nguyen, Rita (DPH) <rita.nguyen@sfdph.org>  
**Sent:** Thursday, February 27, 2020 7:27:09 PM  
**To:** Bobba, Naveena (DPH) <naveena.bobba@sfdph.org>; Ochi, Ed (DPH) <ed.ochi@sfdph.org>; Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>  
**Cc:** Cushing, Stephanie (DPH) <Stephanie.Cushing@sfdph.org>; Philip, Susan (DPH) <susan.philip@sfdph.org>; Nieves, Israel (DPH) <israel.nieves@sfgov.org>  
**Subject:** Re: Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded

I think the closest guidance for cleaning hotels would be here:

<https://www.cdc.gov/quarantine/maritime/recommendations-for-ships.html>

and here: <https://www.cdc.gov/quarantine/air/managing-sick-travelers/ncov-airlines.html> (but much more so the ships document)

which I included in the housing question doc that I reviewed (attached).

The ships document is quite thorough and generally applicable I think.

Relevant section below (they also have a PPE section in which they say masks but not N95):

## **Cleaning and Disinfection**

At this time, in addition to routine cleaning and disinfection strategies, ships may consider more frequent cleaning of commonly touched surfaces such as handrails, countertops, and doorknobs. The primary mode of COVID-19 virus transmission is believed to be through respiratory droplets that are spread from an infected person through coughing or sneezing to a susceptible close contact within about 6 feet. Therefore, widespread disinfection is unlikely to be effective.

### **Cleaning when COVID-19 is suspected**

Cleaning recommendations are based on existing [CDC infection control guidance](#) for

preventing COVID-19 from spreading to others in homes.

Standard practice for pathogens spread by air (such as measles, tuberculosis) is to restrict people unprotected (for example, no respiratory protection) from entering a vacated room until sufficient time has elapsed for enough air changes to remove potentially infectious particles (more information on [clearance rates under differing ventilation conditions](#) is available).

We don't yet know how long COVID-19 remains infectious in the air.

In the interim, it is reasonable to apply a similar time period before entering the sick person's room without respiratory protection as used for other pathogens spread by air (for example, measles, tuberculosis). [Using measles as the example pdf icon\[PDF – 13 pages\]](#), restrict access for two hours after the sick person has left the room.

Clean surfaces infected by the respiratory secretions of a sick person suspected with COVID-19 (for example, in the sick person's living quarters or work area, and in isolation rooms).

Use disinfectant products against COVID-19 with Environmental Protection Agency (EPA)-approved emerging viral pathogens claims. These products can be identified by the following claim:

- [Product name] has demonstrated effectiveness against viruses similar to COVID-19 on hard non-porous surfaces. Therefore, this product can be used against COVID-19 when used in accordance with the directions for use against [name of supporting virus] on hard, non-porous surfaces.
  - Specific claims for "COVID-19" will not appear on the product or master label.
  - More information about EPA-approved emerging viral pathogens claims can be found [hereexternal icon](#).
  - If there are no available EPA-registered products with an approved emerging viral pathogen claim for COVID-19, use products with label claims against human coronaviruses according to label instructions.

This claim or a similar claim, will be made only through the following communications outlets: technical literature distributed exclusively to healthcare facilities, physicians, nurses, and public health officials, "1-800" consumer information services, social media sites and company websites (non-label related).

In addition to wearing disposable gloves during routine cleaning, wear disposable gowns when cleaning areas suspected to be contaminated by COVID-19. Wear PPE compatible with the disinfectant products being used and approved for use onboard the ship. [Remove carefully pdf icon\[PDF – 1 page\]](#) gloves and gowns to avoid cross-contamination and the surrounding area. Perform [hand hygiene](#) upon removing and disposing gloves by washing hands often with soap and water for at least 20 seconds or using an alcohol-based hand sanitizer that contains 60 to 95% alcohol.

Clean all "high-touch" surfaces in the sick person's room (for example, counters, tabletops, doorknobs, light switches, bathroom fixtures, toilets, phones, keyboards, tablets, and bedside tables) according to instructions described for the above EPA-registered product. Wear

disposable gloves and gowns during cleaning activities.

If visible contamination (for example, blood, respiratory secretions, or other body fluids) is present, the basic principles for blood or body substance spill management are outlined in the United States Occupational Safety and Health Administration (OSHA) [Bloodborne Pathogen Standardexternal icon](#). CDC guidelines recommend removing bulk spill matter, cleaning the site, and then disinfecting the site with the above EPA-registered disinfectant. For soft (porous) surfaces such as carpeted floor, rugs, and drapes, remove visible contamination if present, and wash according to the manufacturer's instructions. Clean and disinfect unremovable materials with products mentioned above and allow to air dry.

When cleaning is completed, collect soiled textiles and linens in sturdy leak-proof containers; these can be laundered using conventional processes following your standard operating procedures. PPE should be removed and placed with other disposable items in sturdy, leak-proof (plastic) bags that are tied shut and not reopened. The bags of used PPE and disposable items can then be placed into the solid waste stream according to routine procedures. Follow your standard operating procedures for waste removal and treatment.

No additional cleaning is needed for the ship's supply-and-return ventilation registers or filtration systems.

No additional treatment of wastewater is needed.

\*\*\*\*\*

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Chronic Disease Physician Specialist  
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**Sent:** Thursday, February 27, 2020 6:47 PM  
**To:** Ochi, Ed (DPH) <ed.ochi@sfdph.org>; Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>



**Cc:** Cushing, Stephanie (DPH) <Stephanie.Cushing@sfdph.org>; Philip, Susan (DPH) <susan.philip@sfdph.org>; Nieves, Israel (DPH) <israel.nieves@sfgov.org>; Nguyen, Rita (DPH) <rita.nguyen@sfdph.org>

**Subject:** RE: Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded

Including Susan and Israel.

Ed- we are not expecting the hotel workers to clean or be in the room.

Stephanie- we discussed and thought that env health could get a contractor to clean at the end of the stay, like we did in Ebola (obviously not the same standard). This would be for asymptomatic people in quarantine but of course they could become symptomatic.

Susan- think it would be great to see what NYC did.

---

**From:** Ochi, Ed (DPH) <ed.ochi@sfdph.org>

**Sent:** Thursday, February 27, 2020 6:10 PM

**To:** Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>

**Cc:** Bobba, Naveena (DPH) <naveena.bobba@sfdph.org>; Cushing, Stephanie (DPH) <Stephanie.Cushing@sfdph.org>

**Subject:** Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded

OK, I got a chance to paw through the ever-changing sea of CDC guidance documents. In a nutshell:

- cleaning techniques are unchanged,

- there's some wiggle room in the PPE guidance which I'm really not sure if we should exploit:

Closest thing to an applicable document for hotels is the CDC's [Interim Guidance for Preventing the Spread of Coronavirus Disease 2019 \(COVID-19\) in Homes and Residential Communities](#), last reviewed February 18, 2020.

**With regards to cleaning**, the document simply states: *"Clean all "high-touch" surfaces, such as counters, tabletops, doorknobs, bathroom fixtures, toilets, phones, keyboards, tablets, and bedside tables, every day. Also, clean any surfaces that may have blood, stool, or body fluids on them. Use a household cleaning spray or wipe, according to the label instructions. Labels contain instructions for safe and effective use of the cleaning product including precautions you should take when applying the product, such as wearing gloves and making sure you have good ventilation during use of the product."*

- 1) I would personally hope that a hotel would be cleaning bathrooms and high touch areas with some form of disinfectant, routinely, not just for COVID-19 purposes.
- 2) If they buying new or more disinfectant they could always buy one with a Human Coronavirus label (kill) claim but there's no requirement or recommendation that they do so.

**With regards to PPE** the document says: *"You and the patient should wear a facemask if you are in the same room. Wear a disposable facemask and gloves when you touch or have contact with the patient's blood, stool, or body fluids, such as saliva, sputum, nasal mucus, vomit, urine. Throw out disposable facemasks and gloves after using them. Do not reuse."*

- 1) The document is targeted for household members, partners, and caregivers. In employer/employee arrangements such as a hotel I would anticipate that the employer

would be held to a higher standard.

- 2) Home healthcare providers are supposed to follow the CDC COVID-19 Infection Control guidance.

- Ed

---

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**Occupational  
Safety &  
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**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Thursday, February 27, 2020 4:44 PM  
**To:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Cc:** Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Fw: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Ed, Will these guidelines apply to cleaning hotel rooms?

Tomas  
p.s. plz excuse typos

---

**From:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Sent:** Monday, February 24, 2020 9:12 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

I can do 1 PM Wednesday, although it would be totally awesome if we had a bit more time so we could ask people to submit some questions in advance so that we could prep. With this approach we could still reserve time for unsubmitted questions but it would reduce the free for all aspect of the call.

Even without advanced questions if we could distribute the new Guidance for Business for Environmental Cleaning (attached) before the conference call it might help give some focus for any discussions.

- Ed

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Email: [ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)

Sent from my iPhone --  
typos are from my fat fingers, strange wording from auto-correct trying to translate Ed into English.

---

**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Monday, February 24, 2020 6:01:32 PM  
**To:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Please coordinate with Stephanie Cushing (EH) and Ed Ochi (OSH).

Tomas  
p.s. plz excuse typos

---

**From:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>  
**Sent:** Monday, February 24, 2020 5:45 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH)

<[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH)

<[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** RE: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Understood.

Would Wednesday at 1pm be good for DPH to present on environmental disinfection? If so, I'll send out the meeting invite tomorrow morning. We can also do Thursday at 1300.

Thanks,

Lisa

---

**From:** Aragon, Tomas (DPH)

**Sent:** Monday, February 24, 2020 2:40 PM

**To:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH)

<[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Hi Lisa, I think it's okay to invite everyone but clearly state the topic. The information is applicable to other agencies so it's good to give them the opportunity to participate. For example, SFPD might be interested in how to disinfect their vehicles should they become contaminated.

Thanks!

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH

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Health Officer, City & County of San Francisco

Director, Population Health Division (PHD)

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**Sent:** Monday, February 24, 2020 2:30 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** RE: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

All,

Do you want the call with the city agencies (including BART) to be similar to Friday's call, in regards to participants (e.g. everyone citywide)? Or do you want to limit the audience to our transportation partners only?

Also, when are you prepared to (1) participate in the call and (2) provide documentation to all involved?

I'm happy to schedule the call, just need to know you're availability and status of the materials to be discussed.

Thanks much,  
Lisa

Lisa Starliper, MPA  
Emergency Manager  
Department of Emergency Management  
Pronouns: She/Her/Hers  
1011 Turk Street  
San Francisco, CA 94102  
[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)  
415-517-5092 (cell)

---

**From:** Aragon, Tomas (DPH)  
**Sent:** Saturday, February 22, 2020 3:14 PM  
**To:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>;

Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Stephanie & Ed,

I promised on citywide call, 2/21, we would respond to their need for guidance.

Just reviewed 1-pager.

(BTW, the Environmental Branch (?should include non-medical OSH) has been activated.)  
Stephanie is branch chief.

I believe we need to set up a call with city agencies and BART dedicated to this topic (facility and transportation vehicles, and worker safety).

They will have many questions and then we can make sure we provide and/or develop the best materials for them.

ccing Lisa (DEM) to arrange/schedule.

Thanks everyone!

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
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---

**From:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>

**Sent:** Friday, February 21, 2020 2:49 PM

**To:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Subject:** RE: [Event COVID-19] Guidelines on environmental disinfection

Guidance has gotten a tad more expansive. Not necessarily better, just more expansive.

Tomas, Stephanie, David and I will confer, come up with an updated answer, and get back to you. -  
Ed

---

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---

**From:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>

**Sent:** Friday, February 21, 2020 2:47 PM

**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>

**Subject:** RE: [Event COVID-19] Guidelines on environmental disinfection

**Importance:** High

Attached is what Ed and I developed about a month ago. These directions were for families or workers who may be cleaning COVID-19 residences or rooms in homes.

This can be edited for cleaning hard surface again using bleach mixture or EPA approved, and can address corona viruses.

Stephanie

Stephanie K.J. Cushing, MSPH, CHMM, REHS  
張春華

Director of Environmental Health  
Population Health Division  
Department of Public Health  
1390 Market Street, Suite 210  
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**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Friday, February 21, 2020 2:20 PM  
**To:** Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Subject:** [Event COVID-19] Guidelines on environmental disinfection

You may already have this information ready:

City agencies are asking for clear guidelines on environmental disinfection (buses, BART, facilities, etc.)

This is a great opportunity to provide uniform, high-quality guidance that is easy to implement across the city.

What are the best materials to provide? Do we need to develop something user-friendly?

Tomas  
p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
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**From:** [Nguyen, Rita \(DPH\)](#)  
**To:** [Bobba, Naveena \(DPH\)](#); [Ochi, Ed \(DPH\)](#); [Aragon, Tomas \(DPH\)](#)  
**Cc:** [Cushing, Stephanie \(DPH\)](#); [Philip, Susan \(DPH\)](#); [Nieves, Israel \(DPH\)](#)  
**Subject:** Re: Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded  
**Date:** Thursday, February 27, 2020 7:27:11 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[hoteltalkingpoints2020v2 rn edits.docx](#)

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I think the closest guidance for cleaning hotels would be here:

<https://www.cdc.gov/quarantine/maritime/recommendations-for-ships.html>

and here: <https://www.cdc.gov/quarantine/air/managing-sick-travelers/ncov-airlines.html> (but much more so the ships document)

which I included in the housing question doc that I reviewed (attached).

The ships document is quite thorough and generally applicable I think.

Relevant section below (they also have a PPE section in which they say masks but not N95):

## **Cleaning and Disinfection**

At this time, in addition to routine cleaning and disinfection strategies, ships may consider more frequent cleaning of commonly touched surfaces such as handrails, countertops, and doorknobs. The primary mode of COVID-19 virus transmission is believed to be through respiratory droplets that are spread from an infected person through coughing or sneezing to a susceptible close contact within about 6 feet. Therefore, widespread disinfection is unlikely to be effective.

### **Cleaning when COVID-19 is suspected**

Cleaning recommendations are based on existing [CDC infection control guidance](#) for preventing COVID-19 from spreading to others in homes.

Standard practice for pathogens spread by air (such as measles, tuberculosis) is to restrict people unprotected (for example, no respiratory protection) from entering a vacated room until sufficient time has elapsed for enough air changes to remove potentially infectious particles (more information on [clearance rates under differing ventilation conditions](#) is available).

We don't yet know how long COVID-19 remains infectious in the air.

In the interim, it is reasonable to apply a similar time period before entering the sick person's room without respiratory protection as used for other pathogens spread by air (for example, measles, tuberculosis). [Using measles as the example pdf icon\[PDF – 13 pages\]](#), restrict access for two hours after the sick person has left the room.

Clean surfaces infected by the respiratory secretions of a sick person suspected with COVID-19 (for example, in the sick person's living quarters or work area, and in isolation rooms).

Use disinfectant products against COVID-19 with Environmental Protection Agency (EPA)-approved emerging viral pathogens claims. These products can be identified by the following claim:

- [Product name] has demonstrated effectiveness against viruses similar to COVID-19 on hard non-porous surfaces. Therefore, this product can be used against COVID-19 when used in accordance with the directions for use against [name of supporting virus] on hard, non-porous surfaces.
  - Specific claims for “COVID-19” will not appear on the product or master label.
  - More information about EPA-approved emerging viral pathogens claims can be found [hereexternal icon](#).
  - If there are no available EPA-registered products with an approved emerging viral pathogen claim for COVID-19, use products with label claims against human coronaviruses according to label instructions.

This claim or a similar claim, will be made only through the following communications outlets: technical literature distributed exclusively to healthcare facilities, physicians, nurses, and public health officials, “1-800” consumer information services, social media sites and company websites (non-label related).

In addition to wearing disposable gloves during routine cleaning, wear disposable gowns when cleaning areas suspected to be contaminated by COVID-19. Wear PPE compatible with the disinfectant products being used and approved for use onboard the ship. [Remove carefully pdf icon\[PDF – 1 page\]](#) gloves and gowns to avoid cross-contamination and the surrounding area. Perform [hand hygiene](#) upon removing and disposing gloves by washing hands often with soap and water for at least 20 seconds or using an alcohol-based hand sanitizer that contains 60 to 95% alcohol.

Clean all “high-touch” surfaces in the sick person’s room (for example, counters, tabletops, doorknobs, light switches, bathroom fixtures, toilets, phones, keyboards, tablets, and bedside tables) according to instructions described for the above EPA-registered product. Wear disposable gloves and gowns during cleaning activities.

If visible contamination (for example, blood, respiratory secretions, or other body fluids) is present, the basic principles for blood or body substance spill management are outlined in the United States Occupational Safety and Health Administration (OSHA) [Bloodborne Pathogen Standardexternal icon](#). CDC guidelines recommend removing bulk spill matter, cleaning the site, and then disinfecting the site with the above EPA-registered disinfectant. For soft (porous) surfaces such as carpeted floor, rugs, and drapes, remove visible contamination if present, and wash according to the manufacturer’s instructions. Clean and disinfect unremovable materials with products mentioned above and allow to air dry.

When cleaning is completed, collect soiled textiles and linens in sturdy leak-proof containers; these can be laundered using conventional processes following your standard operating procedures. PPE should be removed and placed with other disposable items in sturdy, leak-proof (plastic) bags that are tied shut and not reopened. The bags of used PPE and disposable

items can then be placed into the solid waste stream according to routine procedures. Follow your standard operating procedures for waste removal and treatment.

No additional cleaning is needed for the ship's supply-and-return ventilation registers or filtration systems.

No additional treatment of wastewater is needed.

\*\*\*\*\*

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**From:** Bobba, Naveena (DPH) <naveena.bobba@sfdph.org>  
**Sent:** Thursday, February 27, 2020 6:47 PM  
**To:** Ochi, Ed (DPH) <ed.ochi@sfdph.org>; Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>  
**Cc:** Cushing, Stephanie (DPH) <Stephanie.Cushing@sfdph.org>; Philip, Susan (DPH) <susan.philip@sfdph.org>; Nieves, Israel (DPH) <israel.nieves@sfgov.org>; Nguyen, Rita (DPH) <rita.nguyen@sfdph.org>  
**Subject:** RE: Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded

Including Susan and Israel.

Ed- we are not expecting the hotel workers to clean or be in the room.

Stephanie- we discussed and thought that env health could get a contractor to clean at the end of the stay, like we did in Ebola (obviously not the same standard). This would be for asymptomatic people in quarantine but of course they could become symptomatic.

Susan- think it would be great to see what NYC did.

---

**From:** Ochi, Ed (DPH) <ed.ochi@sfdph.org>  
**Sent:** Thursday, February 27, 2020 6:10 PM  
**To:** Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>

**Cc:** Bobba, Naveena (DPH) <naveena.bobba@sfdph.org>; Cushing, Stephanie (DPH) <Stephanie.Cushing@sfdph.org>

**Subject:** Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded

OK, I got a chance to paw through the ever-changing sea of CDC guidance documents. In a nutshell:  
- cleaning techniques are unchanged,  
- there's some wiggle room in the PPE guidance which I'm really not sure if we should exploit:

Closest thing to an applicable document for hotels is the CDC's [Interim Guidance for Preventing the Spread of Coronavirus Disease 2019 \(COVID-19\) in Homes and Residential Communities](#), last reviewed February 18, 2020.

**With regards to cleaning**, the document simply states: *"Clean all "high-touch" surfaces, such as counters, tabletops, doorknobs, bathroom fixtures, toilets, phones, keyboards, tablets, and bedside tables, every day. Also, clean any surfaces that may have blood, stool, or body fluids on them. Use a household cleaning spray or wipe, according to the label instructions. Labels contain instructions for safe and effective use of the cleaning product including precautions you should take when applying the product, such as wearing gloves and making sure you have good ventilation during use of the product."*

- 1) I would personally hope that a hotel would be cleaning bathrooms and high touch areas with some form of disinfectant, routinely, not just for COVID-19 purposes.
- 2) If they buying new or more disinfectant they could always buy one with a Human Coronavirus label (kill) claim but there's no requirement or recommendation that they do so.

**With regards to PPE** the document says: *"You and the patient should wear a facemask if you are in the same room. Wear a disposable facemask and gloves when you touch or have contact with the patient's blood, stool, or body fluids, such as saliva, sputum, nasal mucus, vomit, urine. Throw out disposable facemasks and gloves after using them. Do not reuse."*

- 1) The document is targeted for household members, partners, and caregivers. In employer/employee arrangements such as a hotel I would anticipate that the employer would be held to a higher standard.
- 2) Home healthcare providers are supposed to follow the CDC COVID-19 Infection Control guidance.

- Ed

---

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**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Thursday, February 27, 2020 4:44 PM  
**To:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Cc:** Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Fw: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Ed, Will these guidelines apply to cleaning hotel rooms?

Tomas  
p.s. plz excuse typos

---

**From:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Sent:** Monday, February 24, 2020 9:12 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

I can do 1 PM Wednesday, although it would be totally awesome if we had a bit more time so we could ask people to submit some questions in advance so that we could prep. With this approach we could still reserve time for unsubmitted questions but it would reduce the free for all aspect of the call.

Even without advanced questions if we could distribute the new Guidance for Business for Environmental Cleaning (attached) before the conference call it might help give some focus for any discussions.

– Ed

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FAX: (415) 554-2562  
Email: [ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)

Sent from my iPhone --  
typos are from my fat fingers, strange wording from auto-correct trying to  
translate Ed into English.

---

**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Monday, February 24, 2020 6:01:32 PM  
**To:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Please coordinate with Stephanie Cushing (EH) and Ed Ochi (OSH).

Tomas  
p.s. plz excuse typos

---

**From:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>  
**Sent:** Monday, February 24, 2020 5:45 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** RE: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Understood.

Would Wednesday at 1pm be good for DPH to present on environmental disinfection? If so, I'll send out the meeting invite tomorrow morning. We can also do Thursday at 1300.

Thanks,  
Lisa

---

**From:** Aragon, Tomas (DPH)

**Sent:** Monday, February 24, 2020 2:40 PM

**To:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Hi Lisa, I think it's okay to invite everyone but clearly state the topic. The information is applicable to other agencies so it's good to give them the opportunity to participate. For example, SFPD might be interested in how to disinfect their vehicles should they become contaminated.

Thanks!

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
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Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
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**From:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>

**Sent:** Monday, February 24, 2020 2:30 PM

**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** RE: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART



All,

Do you want the call with the city agencies (including BART) to be similar to Friday's call, in regards to participants (e.g. everyone citywide)? Or do you want to limit the audience to our transportation partners only?

Also, when are you prepared to (1) participate in the call and (2) provide documentation to all involved?

I'm happy to schedule the call, just need to know you're availability and status of the materials to be discussed.

Thanks much,  
Lisa

Lisa Starliper, MPA  
Emergency Manager  
Department of Emergency Management  
Pronouns: She/Her/Hers  
1011 Turk Street  
San Francisco, CA 94102  
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415-517-5092 (cell)

---

**From:** Aragon, Tomas (DPH)

**Sent:** Saturday, February 22, 2020 3:14 PM

**To:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Cc:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Stephanie & Ed,

I promised on citywide call, 2/21, we would respond to their need for guidance.

Just reviewed 1-pager.

(BTW, the Environmental Branch (?should include non-medical OSH) has been activated.)  
Stephanie is branch chief.

I believe we need to set up a call with city agencies and BART dedicated to this topic (facility and transportation vehicles, and worker safety).

They will have many questions and then we can make sure we provide and/or develop the best materials for them.

ccing Lisa (DEM) to arrange/schedule.

Thanks everyone!

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
San Francisco Department of Public Health  
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**From:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>

**Sent:** Friday, February 21, 2020 2:49 PM

**To:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Subject:** RE: [Event COVID-19] Guidelines on environmental disinfection

Guidance has gotten a tad more expansive. Not necessarily better, just more expansive.

Tomas, Stephanie, David and I will confer, come up with an updated answer, and get back to you. -

Ed

---

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**From:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>  
**Sent:** Friday, February 21, 2020 2:47 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Subject:** RE: [Event COVID-19] Guidelines on environmental disinfection  
**Importance:** High

Attached is what Ed and I developed about a month ago. These directions were for families or workers who may be cleaning COVID-19 residences or rooms in homes.

This can be edited for cleaning hard surface again using bleach mixture or EPA approved, and can address corona viruses.

Stephanie

Stephanie K.J. Cushing, MSPH, CHMM, REHS  
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**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Friday, February 21, 2020 2:20 PM  
**To:** Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Subject:** [Event COVID-19] Guidelines on environmental disinfection

You may already have this information ready:

City agencies are asking for clear guidelines on environmental disinfection (buses, BART, facilities, etc.)

This is a great opportunity to provide uniform, high-quality guidance that is easy to implement across the city.

What are the best materials to provide? Do we need to develop something user-friendly?

Tomas  
p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
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**From:** [CCSF Alert](#)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** CCSF Situation Report - Update - COVID-19 (#19)  
**Date:** Thursday, February 27, 2020 7:26:20 PM  
**Importance:** High

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# Situation Report - Update - COVID-19

Department of Emergency Management  
Division of Emergency Services

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02-27-2020 - 19:24:02

## Change Since Last Situation Report:

### Situation Update:

- **International data:**
  - 82,557 confirmed cases; 78,497 cases in mainland China; 2,745 deaths in mainland China; 65 deaths outside mainland China
  - 4,053 confirmed cases outside of mainland China across 51 countries/regions. *(total includes 705 cases on the Diamond Princess cruise ship docked at Yokohama, Japan)*
- **National (U.S.) data:**
  - 60 total confirmed cases in the USA *(includes repatriation flights to Travis AFB, Lockland AFB, Providence Sacred Heart-Spokane & University of Nebraska-Omaha)*
    - 9 total confirmed cases in California
    - **The U.S. Centers for Disease Control and Prevention (CDC) yesterday confirmed a possible first case of person-to-person transmission of COVID-19 in California among the general public.**
      - *The individual is a resident of Solano County and is receiving medical care in Sacramento County. The individual had no known exposure to the virus through travel or close contact with a known infected individual.*
  - <https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>
    - *NOTE: Information may vary as events and reporting are rapidly evolving. Differences in number of confirmed cases may vary due to the following reporting methods:*
      - *Global cases sourced from Johns Hopkins University CSSE site.*
      - *U.S. cases sourced from CDC site.*
      - *CA cases sourced from CDPH site.*
- **There are no confirmed cases among San Francisco residents.**
- **There are no recommendations to cancel events.**
- **We are in flu season. The San Francisco Department of Public Health (DPH) recommends that persons with symptoms stay home from work, school and social gatherings. Practice hand-washing precautions. It is not too late to get the flu vaccine.**
- The City and County of San Francisco, led by the Health Department, is working on preventing the virus,

containing its spread, and reducing harm in the community. We are focused on the most vulnerable groups, including children, people in congregate settings and the elderly. However, every sector has a role to play to ensure community health and safety. The health care system, schools, businesses and individuals can all do their part.

#### **SFDEM (Department of Emergency Management) Activities:**

- To support the Department of Public Health response, the Department of Emergency Management [continues](#) expanded activation of San Francisco's Emergency Operations Center (EOC) to assist with coordination of resources and established a Community Branch comprised of community, faith, business and education partners. As a result, community and government partners can work together to identify and coordinate our response to emerging issues.
- Mayor Breed made an emergency declaration to strengthen the City's preparedness and to surge resources and capabilities, and ensure San Francisco is as ready as possible in the event that the new virus comes to our community. The declaration was announced by the Mayor during a press conference on February 25, 2020.
- The declaration of a local emergency will mobilize city resources, accelerate emergency planning, streamline staffing, coordinate agencies across the city, allow for future reimbursement by the state and federal governments and raise awareness throughout San Francisco about how everyone can prepare in the event that COVID-19 (novel coronavirus) appears in our community.

#### **SFDPH (Department of Public Health) Activities:**

- CDC has expanded its COVID-19 Persons Under Investigation (PUI) criteria, and SFDPH will be sending out an expanded definition to healthcare providers.
- SF Public Health Laboratories are finalizing preparations to start COVID-19 testing in SF, with the goal of starting testing soon.
- SFDPH Department Operations Center (DOC) is seeing a surge in clinical consultation calls in the last 24 hours. The DOC is working to identify more staff resources to the clinical consultation unit.
- A meeting has been scheduled with key City and County of San Francisco (CCSF) stakeholders to provide information and updates regarding what the city's COVID-19 response
- The SFDPH DOC and the Department of Emergency Management's (DEM) EOC are collaborating to strengthen engagement with the community, including the Chinese community, and support ongoing communication.
- SFDPH is responding to requests from out of network health facilities for masks.
- The DPH DOC finalized cleaning/disinfection guidance (based on CDC guidelines) for businesses and organizations such as BART and MUNI.
- SFDPH Call Center Agents implemented a process for 7 and 14 Day follow up with return travelers from China. They will align processes with CDC guidance, as the follow up model may change.
- SFDPH Communicable Disease Control and Prevention information: <https://www.sfdcp.org/infectious-diseases-a-to-z/coronavirus-2019-novel-%20%20%20coronavirus/>

#### **Public Information Activities:**

- SFDPH and the San Francisco Department of Emergency Management (DEM) continue to operate the Joint Information Center to develop and disseminate accurate, timely, relevant and accessible public

information about COVID-19 (Novel Coronavirus). The Joint Information Center will expand to include additional regular members from other city agencies.

- Public Information Objectives:

<!--[if !supportLists]-->1. <!--[endif]-->Rumor Control

<!--[if !supportLists]-->2. <!--[endif]-->Engagement and Outreach with the multilingual communities

<!--[if !supportLists]-->3. <!--[endif]-->Manage media inquiries and requests

<!--[if !supportLists]-->4. <!--[endif]-->Develop simplified and accessible public information education materials

<!--[if !supportLists]-->5. <!--[endif]-->Create a COVID-19 communications toolkit for NGOs and community serving organizations to increase public information and education among diverse and at risk communities

- DPH and DEM have public announcement plans should a San Francisco resident contract COVID-19. The Office of Civic Engagement and Immigrant Affairs (OCEIA) continues to translate emerging materials in all threshold languages.
- Talking points were updated to include key messages regarding the San Francisco emergency declaration and continued emphasis on preparedness
- DPH and DEM Public Information Officers (PIOs) continue to respond to media inquiries and prioritize Chinese language media. Public messaging also highlights ongoing preparedness work for possible COVID-19 cases in San Francisco in the future.
- 311 has received an increase of incoming call volume due to the mayor's proclamation announced on Tuesday.
- Upcoming External Affairs Outreach Events:
  - **District 9** – 2/28/20 – 10:00-11:00a; **Family Connections Portola** (2565 San Bruno Ave); Audience: Families; 30-50 families expected in attendance.
  - **District 1** – 2/29/20 – 10:30-12:30; **Fulton Street Safety Project** – Argonne Elementary School (680 18<sup>th</sup> St); Audience: MTA, SFPD, & the Public; 200-300 expected attendance; 10-20 minute presentation.
  - **District 11** – 2/29/20 – 11:00-15:00; **Annual Lunar New Year Celebration & Summer Resource Fair** – Minnie & Lovie Ward Recreation Center (650 Capitol Ave); Audience: Public; 400 expected attendance; tabling event.

### **CDPH (California Department of Public Health):**

- CDPH reported 1 new confirmed case of COVID-19 in Solano County, CA as of 02/27/20. CA now has 9 confirmed cases. This Solano County case is the first possible community transmission case. Contact tracing and investigation has begun. <https://www.cdph.ca.gov/Programs/OPA/Pages/NR20-006.aspx>[NB1] [KL2]
- CDPH reports there are 33 positive cases in California: 24 are from repatriation flights. The other 9 confirmed cases include 7 that are travel related, one due to person-to-person exposure from a very close contact (a spouse) and one from an unknown source.
- CDPH reported that approximately 80% of global COVID-19 confirmed cases have not exhibited symptoms requiring hospitalization.
- <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/nCOV2019.aspx>

### **CDC (U.S. Centers for Disease Control & Prevention):**

- CDC provides links to National Pandemic Flu plans and Pandemic plans for businesses. These policies were within the last couple of years and are research and evidence based. <https://www.cdc.gov/flu/pandemic-resources/national-strategy/index.html>
- CDC reports there are 15 confirmed cases in the U.S. <https://www.cdc.gov/media/releases/2020/s0213-15th-coronavirus-case.html>
- <https://www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html>

### **WHO (World Health Organization):**

- WHO stated that 9 new countries (Brazil, Denmark, Estonia, Georgia, Greece, Norway, Pakistan, Romania, and The Former Yugoslav Republic of Macedonia) reported cases of COVID-19 in the past 24 hours. (as of 02/27/20)
- WHO is utilizing an international network of expert laboratories to provide support in the detection of the COVID-19 virus globally.
- <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports>

### **Resources:**

- Department of Public Health (SFDPH): <https://www.sfcdcp.org/infectious-diseases-a-to-z/coronavirus-2019-novel-coronavirus/>
- SFDPH's Policy for return travelers: <https://www.sfcdcp.org/wp-content/uploads/2020/02/Interim-Guidance-on-Monitoring-and-Movement-for-San-Franciscans-and-Travel-Before-Feb-3rd-SFDPH-FINAL-02.07.2020.pdf>
- SFDPH COVID-19 clinical intake form: <https://www.sfcdcp.org/infectious-diseases-a-to-z/coronavirus-2019-novel-coronavirus/coronavirus-2019-information-for-healthcare-providers/>
- SFDPH General Facts: <https://www.sfcdcp.org/infectious-diseases-a-to-z/coronavirus-2019-novel-%20%20%20coronavirus/>
- Department of Emergency Management (DEM): <https://SF72.org>
- Centers for Disease Control and Prevention (CDC): <https://www.cdc.gov/coronavirus/2019-ncov/index.html>
- CDC Respirator Supply Strategy Guidelines: (<https://www.cdc.gov/coronavirus/2019-ncov/hcp/respirator-supply-strategies.html>)
- World Health Organization (WHO): <https://www.who.int/emergencies/diseases/novel-coronavirus-2019>
- For operational coordination and information sharing, visit WebEOC (<https://sfvem.org>) under Incident Name: **2020-01-21 2019 Covid-19** (formerly 2020-01-21 2019-nCoV). Note - WebEOC is password protected.

### **Situation Summary:**

- CDC is closely monitoring an outbreak of respiratory illness caused by COVID-19 that was first detected in Wuhan City, Hubei Province, China and which continues to expand.
- Chinese health officials have reported thousands of infections with COVID-19 in China, with the virus reportedly spreading from person-to-person in many parts of that country.
- Infections with COVID-19, most of them associated with travel from Wuhan, also are being reported in a



growing number of international locations, including the United States.

**DEM Contact Information:**

Duty Officer (415) 260-2591

Watch Center Operations (415) 558-2738; operational Mon-Sun, 0600-2200 Hours

Email: [demdutyofficer@sfgov.org](mailto:demdutyofficer@sfgov.org)

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**From:** [Zarate, Sheilah \(DPH\)](#)  
**To:** [Vien, Veronica \(DPH\)](#); [Kagan, Rachael \(DPH\)](#); [Andrew, Brent \(DPH\)](#); [Padilla, Cristina \(DPH\)](#); [Acosta, Linda \(DPH\)](#)  
**Cc:** [Aragon, Tomas \(DPH\)](#); [Bobby, Naveena \(DPH\)](#)  
**Subject:** EpiX CDC Special Media Tracking Report for COVID-19\_2/27/20  
**Date:** Thursday, February 27, 2020 7:24:41 PM  
**Attachments:** [EpiX-Special Media Tracking Report 2.27.20.pdf](#)

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FYI

WHO Global Tracker: <https://www.worldometers.info/coronavirus/>

---

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**From:** [EPIXUpdate@cdc.gov](mailto:EPIXUpdate@cdc.gov)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** Important: ~\*~ Special Epi-X Media Tracking Report - COVID-19, February 27, 2020 ~\*~  
**Date:** Thursday, February 27, 2020 6:55:29 PM

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Check Epi-X for an Important Report

~\*~ Special Epi-X Media Tracking Report - COVID-19, February 27, 2020 ~\*~

This report provides special media coverage of the 2019 novel coronavirus outbreak (COVID-19).

<https://epix2.cdc.gov/v2/Reports/Display.aspx?id=81269>

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**Cc:** [Cushing, Stephanie \(DPH\)](#); [Philip, Susan \(DPH\)](#); [Nieves, Israel \(DPH\)](#); [Nguyen, Rita \(DPH\)](#)  
**Subject:** RE: Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded  
**Date:** Thursday, February 27, 2020 6:47:59 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)

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Including Susan and Israel.

Ed- we are not expecting the hotel workers to clean or be in the room.

Stephanie- we discussed and thought that env health could get a contractor to clean at the end of the stay, like we did in Ebola (obviously not the same standard). This would be for asymptomatic people in quarantine but of course they could become symptomatic.

Susan- think it would be great to see what NYC did.

---

**From:** Ochi, Ed (DPH) <ed.ochi@sfdph.org>  
**Sent:** Thursday, February 27, 2020 6:10 PM  
**To:** Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>  
**Cc:** Bobba, Naveena (DPH) <naveena.bobba@sfdph.org>; Cushing, Stephanie (DPH) <Stephanie.Cushing@sfdph.org>  
**Subject:** Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded

OK, I got a chance to paw through the ever-changing sea of CDC guidance documents. In a nutshell:  
- cleaning techniques are unchanged,  
- there's some wiggle room in the PPE guidance which I'm really not sure if we should exploit:

Closest thing to an applicable document for hotels is the CDC's [Interim Guidance for Preventing the Spread of Coronavirus Disease 2019 \(COVID-19\) in Homes and Residential Communities](#), last reviewed February 18, 2020.

**With regards to cleaning**, the document simply states: *"Clean all "high-touch" surfaces, such as counters, tabletops, doorknobs, bathroom fixtures, toilets, phones, keyboards, tablets, and bedside tables, every day. Also, clean any surfaces that may have blood, stool, or body fluids on them. Use a household cleaning spray or wipe, according to the label instructions. Labels contain instructions for safe and effective use of the cleaning product including precautions you should take when applying the product, such as wearing gloves and making sure you have good ventilation during use of the product."*

- 1) I would personally hope that a hotel would be cleaning bathrooms and high touch areas with some form of disinfectant, routinely, not just for COVID-19 purposes.
- 2) If they buying new or more disinfectant they could always buy one with a Human Coronavirus label (kill) claim but there's no requirement or recommendation that they do so.

**With regards to PPE** the document says: *"You and the patient should wear a facemask if you are in the same room. Wear a disposable facemask and gloves when you touch or have contact with the patient's blood, stool, or body fluids, such as saliva, sputum, nasal mucus, vomit, urine. Throw out disposable facemasks and gloves after using them. Do not reuse."*

- 1) The document is targeted for household members, partners, and caregivers. In employer/employee arrangements such as a hotel I would anticipate that the employer would be held to a higher standard.
- 2) Home healthcare providers are supposed to follow the CDC COVID-19 Infection Control guidance.

- Ed

---

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**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Thursday, February 27, 2020 4:44 PM  
**To:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Cc:** Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>  
**Subject:** Fw: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Ed, Will these guidelines apply to cleaning hotel rooms?

Tomas  
p.s. plz excuse typos

---

**From:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Sent:** Monday, February 24, 2020 9:12 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH)

<[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

I can do 1 PM Wednesday, although it would be totally awesome if we had a bit more time so we could ask people to submit some questions in advance so that we could prep. With this approach we could still reserve time for unsubmitted questions but it would reduce the free for all aspect of the call.

Even without advanced questions if we could distribute the new Guidance for Business for Environmental Cleaning (attached) before the conference call it might help give some focus for any discussions.

- Ed

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Sent from my iPhone --  
typos are from my fat fingers, strange wording from auto-correct trying to translate Ed into English.

---

**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>

**Sent:** Monday, February 24, 2020 6:01:32 PM

**To:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

**Cc:** Philip, Susan (DPH) <[susan.philip@sfdph.org](mailto:susan.philip@sfdph.org)>; Bobba, Naveena (DPH) <[naveena.bobba@sfdph.org](mailto:naveena.bobba@sfdph.org)>

**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Please coordinate with Stephanie Cushing (EH) and Ed Ochi (OSH).

Tomas

p.s. plz excuse typos

---

**From:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>

**Sent:** Monday, February 24, 2020 5:45 PM

**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>

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**Subject:** RE: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Understood.

Would Wednesday at 1pm be good for DPH to present on environmental disinfection? If so, I'll send out the meeting invite tomorrow morning. We can also do Thursday at 1300.

Thanks,  
Lisa

---

**From:** Aragon, Tomas (DPH)

**Sent:** Monday, February 24, 2020 2:40 PM

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I'm happy to schedule the call, just need to know you're availability and status of the materials to be discussed.

Thanks much,

Lisa

Lisa Starliper, MPA  
Emergency Manager  
Department of Emergency Management  
Pronouns: She/Her/Hers  
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415-517-5092 (cell)



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Stephanie & Ed,

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Just reviewed 1-pager.

(BTW, the Environmental Branch (?should include non-medical OSH) has been activated.)  
Stephanie is branch chief.

I believe we need to set up a call with city agencies and BART dedicated to this topic (facility and transportation vehicles, and worker safety).

They will have many questions and then we can make sure we provide and/or develop the best materials for them.

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**Sent:** Friday, February 21, 2020 2:49 PM  
**To:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
**Subject:** RE: [Event COVID-19] Guidelines on environmental disinfection

Guidance has gotten a tad more expansive. Not necessarily better, just more expansive.

Tomas, Stephanie, David and I will confer, come up with an updated answer, and get back to you. -  
Ed

---

Edward Ochi, CIH, CSP  
Director of Occupational Safety & Health  
San Francisco Department of Public Health  
Occupational Safety & Health Division  
101 Grove Street, Room 217  
San Francisco, CA 94102  
Desk: (415) 554-2797  
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**Sent:** Friday, February 21, 2020 2:47 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Subject:** RE: [Event COVID-19] Guidelines on environmental disinfection  
**Importance:** High

Attached is what Ed and I developed about a month ago. These directions were for families or

workers who may be cleaning COVID-19 residences or rooms in homes.

This can be edited for cleaning hard surface again using bleach mixture or EPA approved, and can address corona viruses.

Stephanie

Stephanie K.J. Cushing, MSPH, CHMM, REHS

張春華

Director of Environmental Health

Population Health Division

Department of Public Health

1390 Market Street, Suite 210

San Francisco, CA 94102

(415) 252-3926

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**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>

**Sent:** Friday, February 21, 2020 2:20 PM

**To:** Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>

**Subject:** [Event COVID-19] Guidelines on environmental disinfection

You may already have this information ready:

City agencies are asking for clear guidelines on environmental disinfection (buses, BART, facilities, etc.)

This is a great opportunity to provide uniform, high-quality guidance that is easy to implement across the city.

What are the best materials to provide? Do we need to develop something user-friendly?

Tomas

p.s. plz excuse typos

--

Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
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**From:** [Ochi, Ed \(DPH\)](#)  
**To:** [Aragon, Tomas \(DPH\)](#)  
**Cc:** [Bobba, Naveena \(DPH\)](#); [Cushing, Stephanie \(DPH\)](#)  
**Subject:** Cleaning in Hotels Where COVID-19 PUIs and Patients are Boarded  
**Date:** Thursday, February 27, 2020 6:10:15 PM  
**Attachments:** [image004.png](#)  
[image003.png](#)

---

OK, I got a chance to paw through the ever-changing sea of CDC guidance documents. In a nutshell:  
- cleaning techniques are unchanged,  
- there's some wiggle room in the PPE guidance which I'm really not sure if we should exploit:

Closest thing to an applicable document for hotels is the CDC's [Interim Guidance for Preventing the Spread of Coronavirus Disease 2019 \(COVID-19\) in Homes and Residential Communities](#), last reviewed February 18, 2020.

**With regards to cleaning**, the document simply states: *"Clean all "high-touch" surfaces, such as counters, tabletops, doorknobs, bathroom fixtures, toilets, phones, keyboards, tablets, and bedside tables, every day. Also, clean any surfaces that may have blood, stool, or body fluids on them. Use a household cleaning spray or wipe, according to the label instructions. Labels contain instructions for safe and effective use of the cleaning product including precautions you should take when applying the product, such as wearing gloves and making sure you have good ventilation during use of the product."*

1. I would personally hope that a hotel would be cleaning bathrooms and high touch areas with some form of disinfectant, routinely, not just for COVID-19 purposes.
2. If they buying new or more disinfectant they could always buy one with a Human Coronavirus label (kill) claim but there's no requirement or recommendation that they do so.

**With regards to PPE** the document says: *"You and the patient should wear a facemask if you are in the same room. Wear a disposable facemask and gloves when you touch or have contact with the patient's blood, stool, or body fluids, such as saliva, sputum, nasal mucus, vomit, urine. Throw out disposable facemasks and gloves after using them. Do not reuse."*

1. The document is targeted for household members, partners, and caregivers. In employer/employee arrangements such as a hotel I would anticipate that the employer would be held to a higher standard.
2. Home healthcare providers are supposed to follow the CDC COVID-19 Infection Control guidance.

- Ed

---

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## Occupational Safety & Health

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**From:** Aragon, Tomas (DPH) <tomas.aragon@sfdph.org>  
**Sent:** Thursday, February 27, 2020 4:44 PM  
**To:** Ochi, Ed (DPH) <ed.ochi@sfdph.org>  
**Cc:** Bobba, Naveena (DPH) <naveena.bobba@sfdph.org>  
**Subject:** Fw: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

Ed, Will these guidelines apply to cleaning hotel rooms?

Tomas  
p.s. plz excuse typos

---

**From:** Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Sent:** Monday, February 24, 2020 9:12 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
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**Subject:** Re: [Event COVID-19] Guidance on environmental disinfection and worker safety for non-med settings including SFMTA, BART

I can do 1 PM Wednesday, although it would be totally awesome if we had a bit more time so we could ask people to submit some questions in advance so that we could prep. With this approach we could still reserve time for unsubmitted questions but it would reduce the free for all aspect of the call.

Even without advanced questions if we could distribute the new Guidance for Business for Environmental Cleaning (attached) before the conference call it might help give some focus for any discussions.

- Ed

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Email: [ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)

Sent from my iPhone --  
typos are from my fat fingers, strange wording from auto-correct trying to  
translate Ed into English.

---

**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Monday, February 24, 2020 6:01:32 PM  
**To:** Starliper, Lisa (DEM) <[lisa.starliper@sfgov.org](mailto:lisa.starliper@sfgov.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>  
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p.s. plz excuse typos

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San Francisco Department of Public Health  
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**From:** Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>  
**Sent:** Friday, February 21, 2020 2:47 PM  
**To:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>; Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>;  
Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Subject:** RE: [Event COVID-19] Guidelines on environmental disinfection  
**Importance:** High

Attached is what Ed and I developed about a month ago. These directions were for families or workers who may be cleaning COVID-19 residences or rooms in homes.

This can be edited for cleaning hard surface again using bleach mixture or EPA approved, and can address corona viruses.

Stephanie

Stephanie K.J. Cushing, MSPH, CHMM, REHS  
張春華  
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**From:** Aragon, Tomas (DPH) <[tomas.aragon@sfdph.org](mailto:tomas.aragon@sfdph.org)>  
**Sent:** Friday, February 21, 2020 2:20 PM  
**To:** Stier, David (DPH) <[david.stier@sfdph.org](mailto:david.stier@sfdph.org)>; Cushing, Stephanie (DPH) <[Stephanie.Cushing@sfdph.org](mailto:Stephanie.Cushing@sfdph.org)>; Ochi, Ed (DPH) <[ed.ochi@sfdph.org](mailto:ed.ochi@sfdph.org)>  
**Subject:** [Event COVID-19] Guidelines on environmental disinfection

You may already have this information ready:

City agencies are asking for clear guidelines on environmental disinfection (buses, BART, facilities, etc.)

This is a great opportunity to provide uniform, high-quality guidance that is easy to implement across the city.

What are the best materials to provide? Do we need to develop something user-friendly?

Tomas  
p.s. plz excuse typos

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Tomás J. Aragón, MD, DrPH  
415-515-5734 (cell); 415-554-2898 (office)  
Health Officer, City & County of San Francisco  
Director, Population Health Division (PHD)  
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*"Radical transformational leadership is leading change from the universal values of dignity, equity, compassion and humility to transform self, people, systems and cultures towards equity and sustainable results."* (learn more <http://bit.ly/phd-lead>)

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**From:** [Leonoudakis, Kristina \(DPH\)](#)  
**To:** [DPH-COVID-19 DPH Activation 2020](#); [DPH-Integration Steering Committee](#)  
**Subject:** SFDPH DOC COVID-19 Situation Status Report (02/27/2020)  
**Date:** Thursday, February 27, 2020 3:47:41 PM

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## SFDPH DOC COVID-19 Situation Status Report (02/27/2020)

**Status:** Yellow  
**Outlook:** Worsening  
**Need:** None

### # of Cases/Deaths

**Worldwide: 82,557 Cases / 2,810 Deaths** (*John Hopkins CSSE, link below*)

**US: 56 Cases** (see notes below) / **0 Deaths** ([CDC](#))

**CA: 11 Cases / 0 Deaths** ([CDPH](#))

**SF: 0 Cases**

<https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>

### Updates and Response:

#### SFDPH

##### Summary of actions

- SF Public Health Laboratories are finalizing preparations to start COVID-19 testing in SF, with the goal of starting testing soon.
- SFDPH DOC is seeing a surge in clinical consultation calls in the last 24 hours. The DOC is working to identify more staff resources to the clinical consultation unit.
- SFDPH consultation units are reporting an increase in calls after the Mayor's declaration of a local emergency.
- A meeting has been scheduled with key CCSF stakeholders to provide information and updates regarding what the city's COVID-19 response
- The SFDPH DOC and the Department of Emergency Management's (DEM) EOC are collaborating to strengthen engagement with the community, including the Chinese community, and support ongoing communication.
- SFDPH is responding to requests from out of network health facilities for masks.
- The DPH DOC finalized cleaning/disinfection guidance (based on CDC guidelines) for businesses and organizations such as BART and MUNI.
- SFDPH Call Center Agents implemented a process for 7 and 14 Day follow up with return travelers from China. They will align processes with CDC guidance, as the follow up model may change.
- SFDPH CDCP information: <https://www.sfcdcp.org/infectious-diseases-a-to-z/coronavirus-2019-novel-%20%20coronavirus/>

#### CDC-

- CDC provides links to National Pandemic Flu plans and Pandemic plans for businesses. These policies were within the last couple of years and are research and evidence based. <https://www.cdc.gov/flu/pandemic-resources/national-strategy/index.html>
- CDC reports there are 15 confirmed cases in the U.S.  
<https://www.cdc.gov/media/releases/2020/s0213-15th-coronavirus-case.html>
- <https://www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html>

**WHO** (World Health Organization)-

- WHO stated that 9 new countries (Brazil, Denmark, Estonia, Georgia, Greece, Norway, Pakistan, Romania, and The Former Yugoslav Republic of Macedonia) reported cases of COVID-19 in the past 24 hours. (as of 02/27/20)
- WHO is utilizing an international network of expert laboratories to provide support in the detection of the COVID-19 virus globally.
- <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports>

**CDPH** (California Department of Public Health)-

- CDPH reported 1 new confirmed case of COVID-19 in Solano County, CA as of 02/27/20. CA now has 9 confirmed cases. This Solano County case is the first possible community transmission case. Contact tracing and investigation has begun. [https://www.cdph.ca.gov/Programs/OPA/Pages/NR20-006.aspx\[NB1\]\\_ \[K12\]](https://www.cdph.ca.gov/Programs/OPA/Pages/NR20-006.aspx[NB1]_ [K12])
- CDPH reports there are 33 positive cases in California: 24 are from repatriation flights. The other 9 confirmed cases include 7 that are travel related, one due to person-to-person exposure from a very close contact (a spouse) and one from an unknown source.
- CDPH reported that approximately 80% of global COVID-19 confirmed cases have not exhibited symptoms requiring hospitalization.
- <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/nCOV2019.aspx>

**Johns Hopkins Data** Dashboard (real time updates, data sources- WHO, CDC, NHC, and DXY.)

<https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>

International data-

- 82,557 confirmed cases globally.
- 78,497 confirmed cases in mainland China; 4,053 confirmed cases outside of mainland China, in 51 countries.
- 2,745 deaths in mainland China + 65 additional deaths (Afghanistan, Bahrain, Iraq, Oman, Iran, Italy, Philippines, Hong Kong, Taiwan, Japan, France, South Korea, Diamond Princess Cruise)

**NOTE: Information may vary as events and reporting are rapidly evolving.**

**Differences in number of confirmed cases may vary due to reporting methods.**

**- Global cases sourced from Jons Hopkins site.**

**- U.S. cases sourced from CDC site.**

**- CA cases sourced from CDPH site.**

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The San Francisco Health Network is the city's only comprehensive system of care. Our top goal is to improve the value of services provided to our patients, staff, and San Franciscans.

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**From:** [Hanson, Jake@CDPH](mailto:Hanson, Jake@CDPH)  
**To:** [CDPH CCLHO DL](#)  
**Subject:** Fwd: What US Hospitals Should Do Now to Prepare for a COVID-19 Pandemic  
**Date:** Thursday, February 27, 2020 3:40:27 PM

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**From:** Rick Johnson <drrickjohn@gmail.com>  
**Sent:** Thursday, February 27, 2020 9:59 AM  
**To:** Hanson, Jake@CDPH  
**Subject:** Fwd: What US Hospitals Should Do Now to Prepare for a COVID-19 Pandemic

**\*\*[EXTERNAL MESSAGE]\*\* FROM: drrickjohn@gmail.com**

Only open links and attachments from known senders. Do not provide your username or password. To report suspicious emails, click "Report Phish" button.

This is an excellent resource that Health Officers could share with hospitals.  
Can you send out to all the HOs?  
Thanks  
Rick



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## What US Hospitals Should Do Now to Prepare for a COVID-19 Pandemic

Eric Toner, MD, and Richard Waldhorn, MD

February 27, 2020

The World Health Organization (WHO) and the US Centers for Disease Control and Prevention (CDC) have called on health systems around the world to prepare for a possible COVID-19 pandemic. The purpose of this article is to offer to American hospital administrators and clinicians specific judgment on what hospitals should do to prepare for a COVID-19 pandemic. This is an update of a similar perspective related to pandemic influenza, published in 2006.<sup>1</sup> These recommendations derive from the authors' analysis of the consequences of a flu pandemic, review of many existing hospital plans, analysis of the federal government's recommendations, and meetings with a number of leaders in health care, public health, and emergency management. Recognizing that any such recommendations must be based on numerous untestable assumptions, any of which can be reasonably challenged, we propose specific actions and priorities for the purpose of making the discussion of hospital pandemic preparedness issues more operationally useful. This commentary pertains to hospitals, but long-term care facilities, outpatient clinics, medical offices, and other healthcare facilities must also urgently prepare.

### **The Argument for Urgent Preparedness**

The current COVID-19 epidemic looks very much like an early influenza pandemic in many

important respects. It is spreading from person to person efficiently, much like influenza, including some degree of pre-symptomatic spread. Although the true case fatality rate is as yet uncertain, all evidence suggests that it is as severe as, if not more severe than, influenza pandemics of the last century. The case fatality rate (CFR) of confirmed COVID-19 patients in China is estimated to be 1-3%, although this may not account for all mildly symptomatic or asymptomatic infections. In some regions of China outside Hubei, the CFR has been less than 1%. For comparison, the CFR of the 2009 influenza pandemic was around 0.1%, the 1968 and 1957 pandemics in the United States were about 0.5%, and the CFR of the 1918 pandemic was estimated to be 2.5 % in the United States.

Because it will take considerable time to fully understand the epidemiology of COVID-19, it is reasonable to begin preparations using a model we have studied extensively for decades and that seems similar to COVID-19—pandemic influenza. The threat of a novel influenza pandemic has stimulated international, national, and local planning and preparedness efforts for years. In the event of a 1918-scale flu pandemic, hospitals would be flooded with sick patients seeking care.

The impact of a COVID-19 pandemic on hospitals is expected to be severe in the best of circumstances. Currently, US hospitals routinely operate at or near full capacity and have limited ability to rapidly increase services. There are currently shortages of healthcare workers of all kinds. Emergency departments are overcrowded and often have to divert patients to other hospitals.

In recent years, there has been a reduction in the overall number of hospitals, hospital beds, and emergency rooms. During an epidemic, the healthcare workforce would be greatly reduced. Healthcare workers would face a high risk of infection because of contact with infected patients; many would need to stay home to care for sick relatives, and, in the absence of vaccine, others might fear coming to work lest they bring a lethal infection home to their families. The provision of medical services to both COVID-19 and non-COVID-19 patients may be adversely affected in most communities.

Detailed modeling projections for COVID-19 have not yet been released by the US government or WHO; however, the US Department of Health and Human Services (HHS) released official planning assumptions for pandemic influenza, ranging from a moderate pandemic like 1968 or 1957, to one based on a very severe pandemic like 1918.<sup>2</sup> These may be the best tools we have at the moment. They differ by more than 10-fold in the number expected to need hospitalization, intensive care, and mechanical ventilation (see Table 1).

**Table 1**  
**HHS pandemic planning assumptions**

<b>Moderate Scenario</b> (1968-like)	<b>Very Severe Scenario</b> (1918-like)
38 M needing medical care	38 M needing medical care
1 M hospitalizations	9.6 M hospitalizations
200,000 needing ICU	2.9 M needing ICU

As a comparison, there are about 46,500 medical ICU beds in the United States and perhaps an equal number of other ICU beds that could be used in a crisis. Even spread out over several months, the mismatch between demand and resources is clear.

Some patients in China have been treated with extracorporeal membrane oxygenation (ECMO), and some US medical centers with this technology are preparing to use it as well. For US hospitals with this capability, it would be prudent to think through how this scarce resource would be allocated if demand exceeds resources.

### **Preparedness Defined**

Based on such calculations, it would seem that preparing for a pandemic of even moderate severity is a difficult challenge. For the purpose of this analysis, we use the following definition of preparedness:

*Every hospital, in collaboration with other hospitals and public health agencies, will be able to provide appropriate care to COVID-19 patients requiring hospitalization while maintaining other*

*essential medical services in the community, both during and after a pandemic.*

This definition recognizes that what constitutes “appropriate care” and the criteria for hospital admission may well change during a pandemic.

### **The Top Priorities**

Individual hospitals and groups of hospitals involved in regional coordination of pandemic preparedness should focus their initial preparedness efforts in the following priority areas:

1. Comprehensive and realistic planning based on actual CDC FluSurge projections in each hospital, and collaborative planning among all hospitals in a region (eg, healthcare coalitions).
2. Limiting the nosocomial spread of the virus to (1) protect the healthcare workers and, thus, maintain a hospital workforce; (2) prevent the hospital from being a disease amplifier; and (3) protect the non-COVID-19 patients from infection, so as to maintain the ability to provide essential non-COVID-19 health care.
3. Maintaining, augmenting, and stretching the hospital workforce.
4. Allocating limited healthcare resources in a rational, ethical, and organized way so as to do the greatest good for the greatest number.

### **Specific Priority Actions to Be Taken**

To implement the priority goals above, hospitals should undertake the following specific actions:

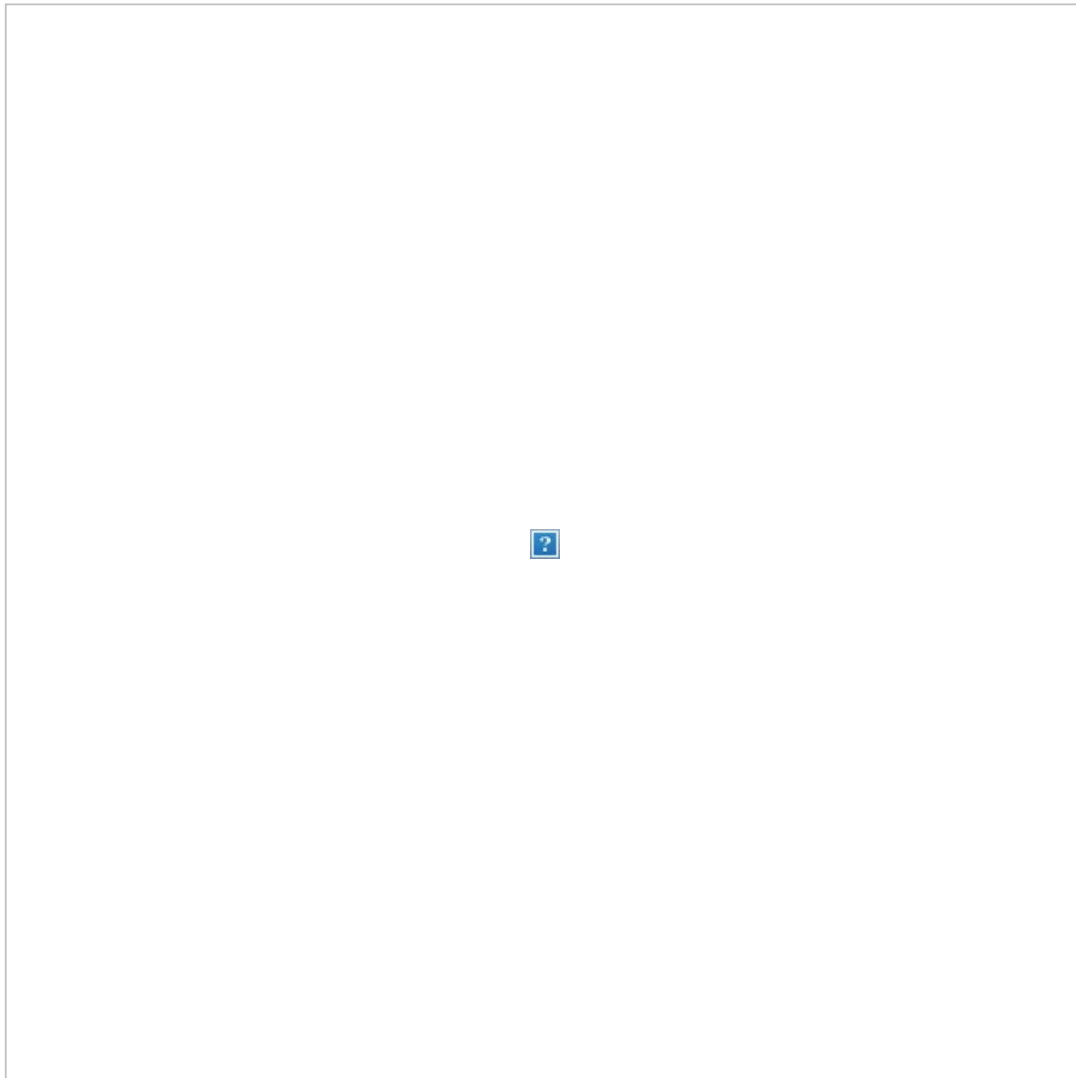
1. Employing a comprehensive and realistic planning process:
  - Employ at least 1 full-time hospital emergency manager in each hospital.
  - Dedicate a full-time infection prevention practitioner to work on infection prevention aspects of the preparations, including education, training, and exercises.
  - Designate a medical director to work closely with the emergency manager and infection prevention practitioner.
  - Create a pandemic preparedness committee (or use an existing emergency management committee) that includes representatives of all clinical and support departments as well as senior administrators.
  - Participate in a local healthcare coalition, which includes neighboring hospitals, local public health agencies, and emergency management. Members of multi-hospital health systems should integrate system-wide planning with local planning with other local hospitals.
  - We do not yet have modeling tools or planning assumptions for COVID-19. CDC has developed FluSurge 2.0, which can be used in conjunction with HHS planning assumptions to guide planning for both a moderate and severe pandemic.<sup>3</sup> Note that the default assumptions in FluSurge are based on a 1968-like pandemic. To model a severe pandemic, FluSurge allows the assumed number of hospitalizations to be modified to correspond to the HHS planning assumptions for a severe pandemic.
  - Be able to make 30% of licensed bed capacity available for COVID-19 patients on 1 week’s notice. About 10-20% of a hospital’s bed capacity can be mobilized within a few hours by expediting discharges, using discharge holding areas, converting single rooms to double rooms, and opening closed areas, if staffing is available. Another 10% can be obtained within a few days by converting flat spaces, such as lobbies, waiting areas, and classrooms.<sup>4</sup>
  - Collaborate in regional plans to be able to make at least 200% of licensed bed capacity in the region available for COVID-19 patients on 2 weeks’ notice.
  - Use telephone and internet-based advice lines to reduce unnecessary visits to the hospital emergency department.
2. Limiting the nosocomial spread of the virus:
  - The CDC has provided good technical guidance on infection control for COVID-19 in healthcare facilities.<sup>5</sup>
  - Limit the accidental contamination of the hospital environment by implementing respiratory etiquette and by using simple surgical masks for everyone entering the facility (staff, patients, and visitors) during a pandemic. Assuming re-supply may be difficult during a pandemic, stockpile enough masks for 3 weeks.
  - Prevent staff from getting infected by training healthcare workers on the use of personal

protective equipment (PPE) and infection control procedures and by stockpiling a supply of PPE. PPE availability is currently limited, but hospitals should purchase what they can, recognizing that a local outbreak could last at least several weeks to several months. Given the preeminent need to protect healthcare workers, we feel the highest level of protection available should be used. We call for the use of N95 respirators for healthcare workers with direct contact with COVID-19 patients. This is in concert with the CDC's COVID-19 guidelines. Powered air-purifying respirators (PAPRs) should be available for use in high-risk aerosol-generating procedures.

- Limit the number of staff who are exposed to COVID-19 patients by cohorting (dedicated staff in dedicated units) (see Figure 1). Utilize overtime and long shifts for staff in the COVID-19 units to limit the number of staff needed. When possible, use staff who are immune (recovered) in the COVID-19 units.
- Prevent infected staff from working (except with COVID-19 patients) by tracking staff who are sick and testing for COVID-19, if possible, and keeping a log of staff who have had confirmed COVID-19.

### Figure 1

Cohorting



### 3. Maintaining, augmenting, and stretching the hospital workforce:

- Vaccinate all staff for influenza to reduce the burden of that disease.
- Organize in-home childcare for well children of healthcare workers if schools are closed,

- using screened volunteers.
- Provide medical daycare for sick family members.
- Allay fear through open, honest, and transparent planning and careful training.
- Shift clinical staff to highest-need areas from areas that may be closed or quiet; employ “just in time” education and “buddy teaming.”
- Augment clinical staff with nontraditional personnel, employing “just in time” education and “buddy teaming.” Use (1) medical professionals with prior clinical experience (eg, administrators, researchers, retirees, etc); (2) related health professionals (eg, dentists, veterinarians, emergency medical technicians, etc); (3) nonclinical hospital personnel; and (4) nonclinical outside personnel. Specific training and operating procedures for each group must be created in advance.
- Coordinate plans with other hospitals in the region to recruit and use volunteers.

4. Allocating limited healthcare resources in a rational, ethical, and organized way so as to do the greatest good for the greatest number through deferral of nonemergency care and, if necessary, institution of alternative patient care routines.

- Prioritize which services and types of procedures can be deferred, for how long, and with what consequences and create an alternative plan for patients who will be deferred. Create a process for refining and updating this plan as circumstances change. Create a process to track deferred patients.
- Plan for the graceful transition to contingency and crisis standards of care. In a severe pandemic, not all patients in need of intensive care will be able to be accommodated in the ICU. Normal staffing ratios and standard operating procedures will not be able to be maintained.
- Plan for alternative sites to provide ICU-like care within the hospital (eg, catheterization lab, catheterization recovery, OR, PACU, endoscopy units, etc).
- Implement contingency and crisis standards, which will be justified when conventional standards cannot be maintained despite the use of all available resources, including mutual aid arrangements. The legal and ethical framework for these decisions should be considered well in advance of a crisis. Alterations in hospital policy and procedures should be implemented by an active decision of the hospital leadership in consultation with the medical staff and civil authorities.
- Create criteria/clinical guidelines for use (or denial) of resource-intensive services (eg, admission, mechanical ventilation, invasive monitoring) based on national guidelines, such as the Crisis Standards of Care report<sup>6</sup> in regional collaboration with other hospitals.
- Establish a process for triage of patients competing for limited resources, including admission, early discharge, and life support. These decisions should not be made solely by 1 person. The criteria used to make these decisions should be created in advance and formally sanctioned by the medical staff and hospital administration.

## How to Proceed

Although a COVID-19 pandemic seems all but inevitable, there is still uncertainty about its severity in the United States. Time will tell, but, in the meantime, hospitals should not delay. In the event of a pandemic, the predictable costs of not preparing, in human, societal, and political terms, would be huge. Decision makers at all levels—including hospital CEOs and their boards and state and federal officials—should consider these issues and how to proceed. Several of the first priority items (comprehensive and collaborative planning, discussing allocation of scarce resources, and planning education and training) take substantial time. Hospitals should begin these actions now.

## References

1. Toner E, Waldhorn R. What hospitals should do to prepare for an influenza pandemic. *Biosecur Bioterror* 2006;4(4):397-402. <http://www.centerforhealthsecurity.org/our-work/publications/2006/what-hospitals-should-do-to-prepare-for-an-influenza-pandemic>. Accessed February 25, 2020
2. US Department of Health and Human Services. *Pandemic Influenza Plan*. <https://www.cdc.gov/flu/pandemic-resources/pdf/pan-flu-report-2017v2.pdf>. Accessed February 25, 2020.
3. Centers for Disease Control and Prevention. FluSurge 2.0. Reviewed August 22, 2016. <https://www.cdc.gov/flu/pandemic-resources/tools/flusurge.htm>. Accessed February

25, 2020.

4. Hick JL, Hanfling D, Burstein JL, et al. Health care facility and community strategies for patient care surge capacity. *Ann Emerg Med* 2004;44(3):253-261.
5. Centers for Disease Control and Prevention. Coronavirus Disease 2019 (COVID-19). Infection control. Reviewed February 24, 2020. <https://www.cdc.gov/coronavirus/2019-ncov/infection-control/index.html>. Accessed February 26, 2020.
6. Hanfling D, Hick J, Stroud C, eds. Committee on Crisis Standards of Care. *Crisis Standards of Care: A Toolkit for Indicators and Triggers*. Washington, DC: National Academies Press; 2013. <http://www.acphd.org/media/330265/crisis%20standards%20of%20care%20toolkit.pdf>. Accessed February 25, 2020.

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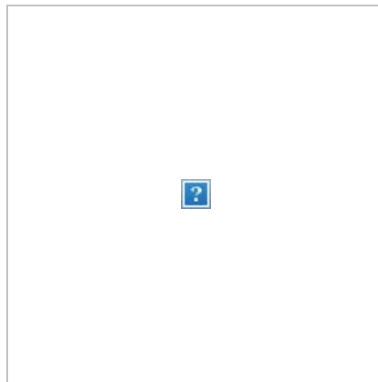


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**From:** [Nguyen, Rita \(DPH\)](#)  
**To:** [Stier, David \(DPH\)](#); [Stoltey, Juliet \(DPH\)](#); [Louie, Janice \(DPH\)](#); [Chan, Curtis \(DPH\)](#); [Johnson, Kelly \(DPH\)](#); [Philip, Susan \(DPH\)](#); [Masinde, Godfred \(DPH\)](#); [Alonso, Sabrina \(DPH\)](#); [DuBois, Amie \(DPH\)](#)  
**Cc:** [Aragon, Tomas \(DPH\)](#)  
**Subject:** 2/27 CDPH All County Call  
**Date:** Thursday, February 27, 2020 2:09:33 PM  
**Attachments:** [2-27 CDPH All-County Call.docx](#)

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Hi all,

Attaching my notes from today's CDPH All County Call. I pulled out the highlights below.

Please let me know if any questions.

Thanks,

Rita

Epi/Surveillance –

- **CDC has new PUI form**
  - 2 pages, more about symptoms, exposures, how PUI was identified
  - Upload form into CalREDIE and email form to CDC
- Testing: currently get nCoV ID (formerly PUI ID) from CDC
  - **CDPH is creating a website to generate a unique nCOV ID. Will give instructions on how to get access to this**
    - Looking for 5 local health jurisdictions to test WEBSITE. If we'd like to volunteer to test website, email [izbepireport@cdph.ca.gov](mailto:izbepireport@cdph.ca.gov)

Returning Traveler

- **No current plans to designate additional countries for monitoring of returning travelers.** Community transmission in other countries not at the level of magnitude of China
- **PUI definition updated to include other countries (see below)**
- Starting 2/28, booklets will be provided to every traveler from China at the end of screening process at airports. Booklets will contain info on:
  - How to perform self monitoring
  - 14 day log sheet
  - Instructions to contact LHD if symptomatic
  - They will NOT be providing thermometers

**Updated PUI Definition (added Iran, Italy, Japan, and South Korea as relevant epi risk)**



Clinical Features	&	Epidemiologic Risk
Fever <sup>1</sup> <b>or</b> signs/symptoms of lower respiratory illness (e.g. cough or shortness of breath)	AND	Any person, including health care workers <sup>2</sup> , who has had close contact <sup>3</sup> with a laboratory-confirmed <sup>4</sup> COVID-19 patient within 14 days of symptom onset
Fever <sup>1</sup> <b>and</b> signs/symptoms of a lower respiratory illness (e.g., cough or shortness of breath) requiring hospitalization	AND	A history of travel from affected geographic areas <sup>5</sup> (see below) within 14 days of symptom onset
Fever <sup>1</sup> with severe acute lower respiratory illness (e.g., pneumonia, ARDS) requiring hospitalization <sup>4</sup> and without alternative explanatory diagnosis (e.g., influenza) <sup>6</sup>	AND	No source of exposure has been identified

### Affected Geographic Areas with Widespread or Sustained Community Transmission

Last updated February 26, 2020

- China
- Iran
- Italy
- Japan
- South Korea

See all [COVID-19 Travel Health Notices](#).

#### Lab

- **VDRL will now be able to test for COVID-19 with a turnaround time of 48 hours**
- **PUI # (nCoV #) given by CDC still required**
- **Current VDRL testing criteria:**
  - **Pt has met CDC criteria for PUI AND**
  - **A unique ID number has been assigned by CDC AND**
  - **Ppl are NEW PUIs that have not tested pos**
- **Call VDRL 510-307-8585 if we're going to submit a sample**
  - Use general submission form on their website
  - They will send out guidance of this testing in the next few days
- **For ppl who meet PUI criteria, first call CDC for PUI ID number. Permission is granted from CDPH (don't need to get permission from CDC)**

#### Footnotes to PUI criteria:

<sup>1</sup>Fever may be subjective or confirmed

<sup>2</sup>For healthcare personnel, testing may be considered if there has been exposure to a person with suspected COVID-19 without laboratory confirmation

<sup>3</sup>Close contact is defined as—

a) being within approximately 6 feet (2 meters) of a COVID-19 case for a prolonged period of time; close contact can occur while caring for, living with, visiting, or sharing a healthcare waiting area or room with a COVID-19 case

– or –

b) having direct contact with infectious secretions of a COVID-19 case (e.g., being coughed on)

If such contact occurs while not wearing recommended personal protective equipment or PPE (e.g., gowns, gloves,

NIOSH-certified disposable N95 respirator, eye protection), criteria for PUI consideration are met.  
See CDC's updated [Interim Infection Prevention and Control Recommendations for Patients with Confirmed COVID-19 or Persons Under Investigation for COVID-19 in Healthcare Settings](#).

Data to inform the definition of close contact are limited. Considerations when assessing close contact include the duration of exposure (e.g., longer exposure time likely increases exposure risk) and the clinical symptoms of the person with COVID-19 (e.g., coughing likely increases exposure risk as does exposure to a severely ill patient). Special consideration should be given to healthcare personnel exposed in healthcare settings as described in CDC's [Interim U.S. Guidance for Risk Assessment and Public Health Management of Healthcare Personnel with Potential Exposure in a Healthcare Setting to Patients with COVID-19](#).

<sup>4</sup>Documentation of laboratory-confirmation of COVID-19 may not be possible for travelers or persons caring for COVID-19 patients in other countries.

<sup>5</sup>Affected areas are defined as geographic regions where sustained community transmission has been identified. Relevant affected areas will be defined as a country with at least a CDC Level 2 Travel Health Notice. See all [COVID-19 Travel Health Notices](#).

<sup>6</sup>Category includes single or clusters of patients with severe acute lower respiratory illness (e.g., pneumonia, ARDS) of unknown etiology in which COVID-19 is being considered.

\*\*\*\*\*

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**From:** [State and Local Readiness \(CDC\)](#)  
**To:** [State and Local Readiness \(CDC\)](#)  
**Subject:** Updated CDC COVID-19 Guidance: Evaluating and Reporting Persons Under Investigation (PUI)  
**Date:** Thursday, February 27, 2020 1:29:02 PM

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Dear Colleagues:

**CDC has posted updated Criteria to Guide Evaluation of PUI for COVID-19.**

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-criteria.html>

Revisions were made on February 27, 2020, to reflect the following:

Information updated in the “Criteria to Guide Evaluation of PUI for COVID-19” section.

Thank you,

State Coordination Task Force

**Sent by BCC to PHEP Directors, SHOS, State Epis, Non-governmental Partners, STLTs, and BCHC**

**From:** [Enanoria, Wayne \(DPH\)](#)  
**To:** [Bobba, Naveena \(DPH\)](#); [Philip, Susan \(DPH\)](#); [Aragon, Tomas \(DPH\)](#); [Kirian, Michelle](#); [Ongpin, Melissa \(DPH\)](#)  
**Subject:** Fw: Updated PUI criteria now live on CDC website  
**Date:** Thursday, February 27, 2020 12:34:52 PM

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FYI,

Wayne

Wayne Enanoria, MPH, PhD ([my pronouns: he/him/his](#))  
Director, Applied Research, Community Health Epidemiology, & Surveillance (ARCHES)  
Chief Public Health Informatics Officer, Population Health Division  
San Francisco Department of Public Health  
25 Van Ness Avenue, Suite 500  
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**From:** Marcelle Layton <[mLAYTON@health.nyc.gov](mailto:mLAYTON@health.nyc.gov)>  
**Sent:** Thursday, February 27, 2020 12:16 PM  
**To:** Marcelle Layton <[mLAYTON@health.nyc.gov](mailto:mLAYTON@health.nyc.gov)>  
**Subject:** Updated PUI criteria now live on CDC website

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<https://www.cdc.gov/coronavirus/2019-nCoV/hcp/clinical-criteria.html>

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**From:** [Chrissie Juliano](#)  
**To:** [Allison Arwady](#); [Barbara Ferrer](#); [Bob McDonald](#); [Colfax, Grant \(DPH\)](#); [Dawn Emerick \(SAMHD\)](#); [Denise Fair \(faird@detroitmi.gov\)](#); [Dzirasa, Letitia](#); [Fermin Leguen](#); [Gibbie Harris](#); [Gretchen Musicant \(Gretchen.Musicant@minneapolismn.gov\)](#); [Jeff Duchin - Public Health - Seattle & King County \(jeff.duchin@kingcounty.gov\)](#); [Kelly Colopy \(kelly.colopy@longbeach.gov\)](#); [Kimi Watkins-Tartt](#); [LaQuandra Nesbitt](#); [Marcy Flanagan \(Marcy.Flanagan@maricopa.gov\)](#); [Merle R. Gordon](#); [Muntu Davis](#); [Mysheika Roberts](#); [Oxiris Barbot](#); [Patty Hayes](#); [Phil Huang](#); [Rachael Banks \(rachael.m.banks@multco.us\)](#); [Rex Archer](#); [Rita Nieves](#); [Sara Cody - Santa Clara County Public Health Department \(sara.cody@phd.sccgov.org\)](#); [Stephanie Hayden \(Stephanie.Hayden@austintexas.gov\)](#); [Stephen Williams](#); [Thomas Farley](#); [Aragon, Tomas \(DPH\)](#); [Villalta, Yesenia D](#); [Vinny Taneja - Tarrant County Health Department \(vtaneja@tarrantcounty.com\)](#); [Wilma Wooten](#)  
**Cc:** [Gabrielle Nichols](#)  
**Subject:** FW: Syndromic Surveillance Data Sharing for COVID-19  
**Date:** Thursday, February 27, 2020 11:12:38 AM  
**Attachments:** [COVID19Sharing.png](#)  
[FW Request to Share Data for Novel Coronavirus Response.msx](#)

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Jose mentioned this at our meeting on Tuesday. I will add it to the meeting notes but in the interest of getting it out, sending to y'all directly.

**Chrissie Juliano, MPP**

Executive Director

[Big Cities Health Coalition](#) | [@BigCitiesHealth](#)

Desk Phone: 301-664-2989

7501 Wisconsin Ave., Ste. 1310E  
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**From:** Lansang Tran, Rhea Lanee (CDC/DDPHSIS/CSTLTS/OD) <ngl1@cdc.gov>  
**Sent:** Thursday, February 27, 2020 1:59 PM  
**To:** Chrissie Juliano <juliano@bigcitieshealth.org>  
**Subject:** Syndromic Surveillance Data Sharing for COVID-19

Hi Chrissie,

Please see the two attachments regarding syndromic data sharing for COVID-19. Please share with the Big Cities members as you see fit. It was encouraging to see so much interest and support; we hope they sign up at their earliest convenience.

Thank you!

Respectfully,

**Rhea-Lanee Lansang Tran, MPH, CHES**

Special Assistant to the CSTLTS Director  
Office of the Director  
Center for State, Tribal, Local, and Territorial Support  
Centers for Disease Control and Prevention  
Desk phone: (404) 498-1045  
Work cell: (404) 310-4015

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**From:** Yoon, Paula (CDC/DDPHSS/CSELS/DHIS) <[pay3@cdc.gov](mailto:pay3@cdc.gov)>

**Sent:** Wednesday, February 26, 2020 12:38:31 PM

Jose,

Attached is the latest map and the email that went out to SyS colleagues in states about the data sharing collaboration. Feel free to share these materials as needed.

Thank you again for all of your help with this!

Paula