



## COVID-19 Digest Issue 62

August 27, 2021

### CLINICAL PEARL

- **While originally thought of as potential sites for transmission, a large amount of observation and data has demonstrated that educational settings are not necessarily high-risk environments for COVID-19 spread.** According to a [BMC Infectious Diseases](#) article, researchers from Luxemburg observed a total of 390 and 34 confirmed COVID-19 cases among 90,150 school-age children and 11,667 teachers during the summer wave when schools were open. While there were some cases of school-associated clusters, they were largely minimal. According to the authors, “[p]recautionary measures including physical distancing as well as easy access to testing, systematic contact tracing appear to have been successful in mitigating transmission within educational settings.”

### PUBLIC HEALTH UPDATES

- Santa Clara County Office of Education: [Bay Area County Superintendents Announce Their Support of Full, In-Person Learning](#)
- CDC Health Advisory: [Vaccination to Prevent COVID-19 Outbreaks with Current and Emergent Variants — United States, 2021](#)
- [Joint Statement from HHS Public Health and Medical Experts on COVID-19 Booster Shots](#)
- [FDA authorizes REGEN-COV monoclonal antibody therapy for post-exposure prophylaxis \(prevention\) for COVID-19](#)
- American College of Obstetricians and Gynecologists (ACOG): [ACOG and SMFM Recommend COVID-19 Vaccination for Pregnant Individuals](#)
- California State Public Health Officer Order of August 16, 2021 on [Hospital and Health Care System Surge](#)

### GUIDANCE/GUIDELINES

- CDC [Considerations for use of an additional mRNA COVID-19 vaccine dose after an initial 2-dose COVID-19 mRNA vaccine series for immunocompromised people](#)
- CDPH
  - [Recommendations on Additional Doses for People Whose Immune Systems are Compromised](#)
  - [Questions and Answers: Additional COVID-19 Vaccine Doses for People Whose Immune Systems are Compromised](#)
  - [Guidance on Isolation and Quarantine for COVID-19 Contact Tracing](#)
- NIH COVID-19 Treatment Guidelines [Anti-SARS-CoV-2 Antibody Products](#)

### RESOURCES

- CDC COCA Webinars:
  - [Additional mRNA COVID-19 Vaccines for Moderately to Severely Immunocompromised People](#)
  - [Therapeutic Options to Prevent Severe COVID-19 in Immunocompromised People](#)
- CDC/IDSA COVID-19 Clinician Calls:
  - [Additional Vaccine Doses in the Immune Compromised; Plus the Latest on the Delta Variant and Vaccination in Pregnant Women](#)
  - [More on the Delta Variant, CDC Masking Recommendations and Updates from ACIP](#)





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- [Update on Variants & Immunity](#)
- IDSA
  - Media Briefing: [COVID & Schools](#)
  - Vaccine Education Roundtables:
    - [Pediatric Vaccine Disparities & Virus Variants](#)
    - [Reaching Vaccine Hesitant Populations, Part 1](#)
    - [Reaching Vaccine Hesitant Populations, Part 2](#)
  - Podcasts:
    - [Does the Delta Variant Mean Different Things for Elementary, High School, and College?](#)
    - [Vaccines, the Delta Variant, and Chasing Herd Immunity](#)
    - [Treating Long Covid, Hospitalizations, and Breakthrough Cases](#)
- HIV Medicine Association [COVID-19 Vaccines and People with HIV Frequently Asked Questions](#)
- Center for Infectious Disease Research and Policy (CIDRAP) Osterholm Update:
  - [An Ongoing Tug of War](#)
  - [Straight Talk](#)
  - [Ebbs and Flows](#)
  - [Untangling the Data](#)
  - [Divided by Delta](#)

## ACADEMIC/RESEARCH PAPERS

- *New England Journal of Medicine*
  - [Covid-19 Breakthrough Infections in Vaccinated Health Care Workers](#)
  - [Breakthrough Infections in BNT162b2-Vaccinated Health Care Workers](#)
  - [Infection and Vaccine-Induced Neutralizing-Antibody Responses to the SARS-CoV-2 B.1.617 Variants](#)
- *medRxiv*
  - [Comparing SARS-CoV-2 natural immunity to vaccine-induced immunity: reinfections versus breakthrough infections](#)
  - [Immune Correlates Analysis of the mRNA-1273 COVID-19 Vaccine Efficacy Trial](#)
  - [Viral infection and transmission in a large, well-traced outbreak caused by the SARS-CoV-2 Delta variant](#)
  - [Infectious SARS-CoV-2 in Exhaled Aerosols and Efficacy of Masks During Early Mild Infection](#)
  - [Comparison of two highly-effective mRNA vaccines for COVID-19 during periods of Alpha and Delta variant prevalence](#)
  - [Gut microbiota alterations in patients with persistent respiratory dysfunction three months after severe COVID-19](#)
- *Science*
  - [Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants](#)
  - [mRNA vaccination boosts cross-variant neutralizing antibodies elicited by SARS-CoV-2 infection](#)
  - [Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose](#)
  - [Prospective mapping of viral mutations that escape antibodies used to treat COVID-19](#)
- *JAMA*
  - [COVID-19 Transmission Dynamics Among Close Contacts of Index Patients With COVID-19 - A Population-Based Cohort Study in Zhejiang Province, China](#)
  - [Antibody Response After a Third Dose of the mRNA-1273 SARS-CoV-2 Vaccine in Kidney Transplant Recipients With Minimal Serologic Response to 2 Doses](#)





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- [Association of Myocarditis With BNT162b2 Messenger RNA COVID-19 Vaccine in a Case Series of Children](#)
- [Short-term Reactions Among Pregnant and Lactating Individuals in the First Wave of the COVID-19 Vaccine Rollout](#)
- [Antibody Response to COVID-19 Vaccination in Adults With Hematologic Malignant Disease](#)
- *The Lancet*
  - [Spike-antibody waning after second dose of BNT162b2 or ChAdOx1](#)
  - [Antibody response after second BNT162b2 dose in allogeneic HSCT recipients](#)
  - [Bell's palsy following vaccination with mRNA \(BNT162b2\) and inactivated \(CoronaVac\) SARS-CoV-2 vaccines: a case series and nested case-control study](#)
  - [Characterizing long COVID in an international cohort: 7 months of symptoms and their impact](#)
  - [Dapagliflozin in patients with cardiometabolic risk factors hospitalised with COVID-19 \(DARE-19\): a randomised, double-blind, placebo-controlled, phase 3 trial](#)
  - [Cognitive deficits in people who have recovered from COVID-19](#)
  - [Neutralising antibodies after COVID-19 vaccination in UK haemodialysis patients](#)
- *Immunity*
  - [Live Imaging of SARS-CoV-2 Infection in Mice Reveals that Neutralizing Antibodies Require Fc Function for Optimal Efficacy](#)
- *Nature*
  - [A human three-dimensional neural-perivascular 'assembloid' promotes astrocytic development and enables modeling of SARS-CoV-2 neuropathology](#)
  - [SARS-CoV-2 infection induces the dedifferentiation of multiciliated cells and impairs mucociliary clearance](#)
  - [Multidisciplinary assessment of the Abbott BinaxNOW SARS-CoV-2 point-of-care antigen test in the context of emerging viral variants and self-administration](#)
  - [SARS-CoV-2 mRNA vaccines induce persistent human germinal centre responses](#)
- *Clinical Microbiology and Infection*
  - [BNT162b2 vaccine breakthrough: clinical characteristics of 152 fully vaccinated hospitalized COVID-19 patients in Israel](#)
- *Clinical Infectious Diseases*
  - [Heterologous ChAdOx1-S/BNT162b2 vaccination: neutralizing antibody response to SARS-CoV-2](#)
  - [Viral Load of SARS-CoV-2 in Respiratory Aerosols Emitted by COVID-19 Patients while Breathing, Talking, and Singing](#)
  - [Evidence, Experience, Expertise, and the US Coronavirus Disease 2019 Public Health Response](#)
  - [Late Conditions Diagnosed 1–4 Months Following an Initial Coronavirus Disease 2019 \(COVID-19\) Encounter: A Matched-Cohort Study Using Inpatient and Outpatient Administrative Data—United States, 1 March–30 June 2020](#)
  - [Risk Factors for Illness Severity Among Pregnant Women With Confirmed Severe Acute Respiratory Syndrome Coronavirus 2 Infection—Surveillance for Emerging Threats to Mothers and Babies Network, 22 State, Local, and Territorial Health Departments, 29 March 2020–5 March 2021](#)
  - [Adverse Pregnancy Outcomes, Maternal Complications, and Severe Illness Among US Delivery Hospitalizations With and Without a Coronavirus Disease 2019 \(COVID-19\) Diagnosis](#)
  - [Adults Hospitalized With Coronavirus Disease 2019 \(COVID-19\)—United States, March–June and October–December 2020: Implications for the Potential Effects of COVID-19 Tier-1 Vaccination on Future Hospitalizations and Outcomes](#)
  - [Results of a Shortened Quarantine Protocol on a Midwestern College Campus](#)





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- [Coronavirus Disease 2019 \(COVID-19\) Mitigation Efforts and Testing During an In-Person Training Event—Uganda, 12–29 October 2020](#)
- [Severe Acute Respiratory Syndrome Coronavirus 2 Transmission in Intercollegiate Athletics Not Fully Mitigated With Daily Antigen Testing](#)
- [Performance of Repeat BinaxNOW Severe Acute Respiratory Syndrome Coronavirus 2 Antigen Testing in a Community Setting, Wisconsin, November 2020–December 2020](#)
- [A Comparison of Less Invasive Severe Acute Respiratory Syndrome Coronavirus 2 \(SARS-CoV-2\) Diagnostic Specimens in Nursing Home Residents—Arkansas, June–August 2020](#)
- [Detection of Severe Acute Respiratory Syndrome Coronavirus 2 on Self-Collected Saliva or Anterior Nasal Specimens Compared With Healthcare Personnel–Collected Nasopharyngeal Specimens](#)
- [Investigation of a Suspect Severe Acute Respiratory Syndrome Coronavirus-2 and Influenza A Mixed Outbreak: Lessons Learned for Long-Term Care Facilities Nationwide](#)
- [Coronavirus Disease 2019 \(COVID-19\) Outbreaks at 2 Construction Sites—New York City, October–November 2020](#)
- [Widespread Severe Acute Respiratory Syndrome Coronavirus 2 Transmission Among Attendees at a Large Motorcycle Rally and their Contacts, 30 US Jurisdictions, August–September, 2020](#)
- [Changes in Seasonal Respiratory Illnesses in the United States During the Coronavirus Disease 2019 \(COVID-19\) Pandemic](#)
- *Science Advances*
  - [Excess of COVID-19 cases and deaths due to fine particulate matter exposure during the 2020 wildfires in the United States](#)
- *Emerging Infectious Diseases*
  - [Correlation of SARS-CoV-2 Subgenomic RNA with Antigen Detection in Nasal Midturbinate Swab Specimens](#)
  - [Rapid Increase in SARS-CoV-2 P.1 Lineage Leading to Codominance with B.1.1.7 Lineage, British Columbia, Canada, January–April 2021](#)
  - [Bordetella hinzii Pneumonia and Bacteremia in a Patient with SARS-CoV-2 Infection](#)
  - [Resurgence of Respiratory Syncytial Virus Infections during COVID-19 Pandemic, Tokyo, Japan](#)
  - [SARS-CoV-2 Variants in Immunocompromised Patient Given Antibody Monotherapy](#)
  - [Bloodstream Infection Risk, Incidence, and Deaths for Hospitalized Patients during Coronavirus Disease Pandemic](#)
  - [SARS-CoV-2 Neutralization Resistance Mutations in Patient with HIV/AIDS, California, USA](#)
  - [Breakthrough Infections of SARS-CoV-2 Gamma Variant in Fully Vaccinated Gold Miners, French Guiana, 2021](#)
  - [Fatal Exacerbations of Systemic Capillary Leak Syndrome Complicating Coronavirus Disease](#)
  - [Direct and Indirect Effectiveness of mRNA Vaccination against Severe Acute Respiratory Syndrome Coronavirus 2 in Long-Term Care Facilities, Spain](#)
  - [Emergence of SARS-COV-2 Spike Protein Escape Mutation Q493R after Treatment for COVID-19](#)
  - [SARS-CoV-2 Prevalence among Outpatients during Community Transmission, Zambia, July 2020](#)
  - [Peridomestic Mammal Susceptibility to Severe Acute Respiratory Syndrome Coronavirus 2 Infection](#)
  - [SARS-CoV-2 Superspread in Fitness Center, Hong Kong, China, March 2021](#)
  - [Social Distancing, Mask Use, and Transmission of Severe Acute Respiratory Syndrome Coronavirus 2, Brazil, April–June 2020](#)
  - [Transmission Dynamics of Severe Acute Respiratory Syndrome Coronavirus 2 in High-Density Settings, Minnesota, USA, March–June 2020](#)





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- [Persistence of SARS-CoV-2–Specific IgG in Children 6 Months After Infection, Australia](#)
- [Intense and Mild First Epidemic Wave of Coronavirus Disease, The Gambia](#)
- [Weekly SARS-CoV-2 Sentinel Surveillance in Primary Schools, Kindergartens, and Nurseries, Germany, June–November 2020](#)
- [Outbreak of SARS-CoV-2 B.1.1.7 Lineage after Vaccination in Long-Term Care Facility, Germany, February–March 2021](#)
- [Delayed Antibody and T-Cell Response to BNT162b2 Vaccination in the Elderly, Germany](#)
- [Effects of Patient Characteristics on Diagnostic Performance of Self-Collected Samples for SARS-CoV-2 Testing](#)
- [Whole-Genome Sequencing of SARS-CoV-2 from Quarantine Hotel Outbreak](#)
- [Epidemiology of COVID-19 in Prisons, England, 2020](#)
- [COVID-19 and the Consequences of Anchoring Bias](#)
- *BMC Infectious Diseases*
  - [SARS-CoV-2 transmission in educational settings during an early summer epidemic wave in Luxembourg, 2020](#)
- *BMJ Journal*
  - [Sequential contralateral facial nerve palsies following COVID-19 vaccination first and second doses](#)
- *mBio*
  - [Oral Bacteria Combined with an Intranasal Vaccine Protect from Influenza A Virus and SARS-CoV-2 Infection](#)
- *Cancer Cell*
  - [Antibody and T cell immune responses following mRNA COVID-19 vaccination in patients with cancer](#)
- *American College of Rheumatology*
  - [Impaired Antibody Response to the BNT162b2 Messenger RNA Coronavirus Disease 2019 Vaccine in Patients With Systemic Lupus Erythematosus and Rheumatoid Arthritis](#)
- *Blood*
  - [Response to SARS-CoV-2 vaccination in patients after hematopoietic cell transplantation and CAR-T cell therapy](#)
- *The Journal of Allergy and Clinical Immunology*
  - [Asthma Disease Status, COPD, and COVID-19 Severity in a Large Multiethnic Population](#)
- *Journal of Proteome Research*
  - [Genetic Variability of the SARS-CoV-2 Pocketome](#)
- *iScience*
  - [Sensitive extraction-free SARS-CoV-2 RNA virus detection using a chelating resin](#)
- *Analytical Chemistry*
  - [Rapid Classification of COVID-19 Severity by ATR-FTIR Spectroscopy of Plasma Samples](#)

## MMWR

- [Effectiveness of COVID-19 Vaccines in Preventing SARS-CoV-2 Infection Among Frontline Workers Before and During B.1.617.2 \(Delta\) Variant Predominance — Eight U.S. Locations, December 2020–August 2021](#)
- [SARS-CoV-2 Infections and Hospitalizations Among Persons Aged ≥16 Years, by Vaccination Status — Los Angeles County, California, May 1–July 25, 2021](#)
- [Effectiveness of Pfizer-BioNTech and Moderna Vaccines in Preventing SARS-CoV-2 Infection Among Nursing Home Residents Before and During Widespread Circulation of the SARS-CoV-2 B.1.617.2 \(Delta\) Variant — National Healthcare Safety Network, March 1–August 1, 2021](#)





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- [New COVID-19 Cases and Hospitalizations Among Adults, by Vaccination Status — New York, May 3–July 25, 2021](#)
- [Sustained Effectiveness of Pfizer-BioNTech and Moderna Vaccines Against COVID-19 Associated Hospitalizations Among Adults — United States, March–July 2021](#)
- [Use of COVID-19 Vaccines After Reports of Adverse Events Among Adult Recipients of Janssen \(Johnson & Johnson\) and mRNA COVID-19 Vaccines \(Pfizer-BioNTech and Moderna\): Update from the Advisory Committee on Immunization Practices — United States, July 2021](#)
- [Rapid Increase in Circulation of the SARS-CoV-2 B.1.617.2 \(Delta\) Variant — Mesa County, Colorado, April–June 2021](#)
- [Use of Rapid Antigen Testing for SARS-CoV-2 in Remote Communities — Yukon-Kuskokwim Delta, Alaska, September 15, 2020–March 1, 2021](#)
- [Reduced Risk of Reinfection with SARS-CoV-2 After COVID-19 Vaccination — Kentucky, May–June 2021](#)
- [Effectiveness of COVID-19 Vaccines in Preventing Hospitalization Among Adults Aged ≥65 Years — COVID-NET, 13 States, February–April 2021](#)
- [SARS-CoV-2 Infection in Public School District Employees Following a District-Wide Vaccination Program — Philadelphia County, Pennsylvania, March 21–April 23, 2021](#)
- [Changes in Influenza and Other Respiratory Virus Activity During the COVID-19 Pandemic — United States, 2020–2021](#)
- [Guidance for Implementing COVID-19 Prevention Strategies in the Context of Varying Community Transmission Levels and Vaccination Coverage](#)
- [Disparities in COVID-19 Vaccination Coverage Among Health Care Personnel Working in Long-Term Care Facilities, by Job Category, National Healthcare Safety Network — United States, March 2021](#)
- [COVID-19 Vaccine Safety in Adolescents Aged 12–17 Years — United States, December 14, 2020–July 16, 2021](#)
- [Outbreak of SARS-CoV-2 Infections, Including COVID-19 Vaccine Breakthrough Infections, Associated with Large Public Gatherings — Barnstable County, Massachusetts, July 2021](#)

## HOT OFF THE (LAY) PRESS

- *New York Times*
  - [The F.D.A. granted full approval to the Pfizer-BioNTech vaccine, a first for a Covid shot in the U.S. It will pave the way for new vaccine mandates.](#)
  - [The Pentagon will mandate Covid vaccines for its 1.4 million active duty service members, following the F.D.A. approval of the Pfizer-BioNTech shot.](#)
  - [New York City will require all education staff, including teachers and principals, to be vaccinated, a mandate that will affect about 148,000 workers.](#)
  - [California will require all school teachers and staff to have proof of Covid vaccination or be tested weekly. It's the first state to do so.](#)
  - [America's largest teachers' union offered its support for policies that would require all teachers to be vaccinated or submit to regular testing.](#)
  - [San Francisco will impose some of the nation's toughest restrictions on unvaccinated people, barring them from indoor dining, bars, gyms and more.](#)
  - [The maker of a popular rapid Covid test destroyed inventory and laid off workers just weeks before a surging virus drove up demand for tests.](#)
  - [The Biden administration is developing a plan to offer coronavirus vaccine boosters to some Americans as early as this fall.](#)







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- [The Biden administration is using federal leverage to press nursing homes to vaccinate their staffs and deter states from banning school mask mandates.](#)
- [The C.D.C. strengthened its recommendation that pregnant people be vaccinated against Covid-19, pointing to new safety data.](#)
- [Some Americans will be eligible for Covid booster shots as early as late September, officials said, citing evidence of waning immunity.](#)
- [The F.D.A. authorized third doses of Pfizer-BioNTech's and Moderna's Covid-19 vaccines for some people with weakened immune systems.](#)
- [Many Older Americans Still Aren't Vaccinated, Making the Delta Wave Deadlier](#)
- [Biden Ramps Up Virus Strategy for Nursing Homes and Schools, and Urges Booster Shots](#)
- [In a Handful of States, Early Data Hint at a Rise in Breakthrough Infections](#)
- [White House Will Keep Travel Bans in Place](#)
- [What We Know About the C.D.C.'s New Mask Guidance for Vaccinated People](#)
- [As Infections Rise, C.D.C. Urges Some Vaccinated Americans to Wear Masks Again](#)
- [At the F.D.A.'s urging, Pfizer-BioNTech and Moderna are expanding their studies of children 5 to 11.](#)
- [Biden Officials Now Expect Vulnerable Americans to Need Booster Shots](#)
- [Medical groups call for mandatory vaccination of U.S. health care workers.](#)
- *STAT News*
  - [U.S. expected to recommend Covid-19 vaccine booster shots for all](#)
- *Politico*
  - [Troubling CDC vaccine data convinced Biden team to back booster shots](#)
  - [A thousand people infected with coronavirus at Dutch outdoor festival](#)
- *The Hill*
  - [Biden risks global backlash on COVID-19 booster shots](#)
- *The Washington Post*
  - ['Act now' on global vaccines to stop more-dangerous variants, experts warn Biden](#)
- *The Wall Street Journal*
  - [Fresh U.K. Covid-19 Data Boosts Hopes That Delta Variant Can Be Held in Check](#)
- *Fortune*
  - [As Delta infections spiked, COVID cases in schools actually fell—a lesson from England](#)
- *European Medicines Agency*
  - [COVID-19 Vaccine Janssen: Guillain-Barré syndrome listed as a very rare side effect](#)
- *Nature News*
  - [How the Delta variant achieves its ultrafast spread](#)
- *National Geographic*
  - [Evidence mounts that people with breakthrough infections can spread Delta easily](#)
  - [How does COVID-19 affect the brain? A troubling picture emerges.](#)
  - [Bears, baboons, tigers are getting COVID vaccines at zoos across the U.S.](#)
- *CNBC*
  - [Israel says Pfizer Covid vaccine is just 39% effective as delta spreads, but still prevents severe illness](#)
- *The New Yorker*
  - [An Uncertain New Phase of the Pandemic, in Which Cases Surge but Deaths Do Not](#)
  - [How Will the Coronavirus Evolve?](#)
- *AP News*
  - [California to tighten rules for indoor events as cases rise](#)





SAN MATEO COUNTY HEALTH

## PUBLIC HEALTH, POLICY & PLANNING

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- *Los Angeles Times*
  - [Child COVID-19 hospitalization rates hit record in U.S. — but not in California. Here's why](#)
  - [LA county now requiring face masks at large outdoor events](#)
  - [Delta variant likely to bring a fall and winter of masks, vaccine mandates, anxiety](#)
- *Mercury News*
  - [Has Bay Area summer COVID-19 infection wave crested?](#)
  - [Santa Clara County offers third vaccine dose to the immunocompromised](#)
- *San Francisco Chronicle*
  - [How Bay Area counties are preparing to roll out COVID booster shots](#)
  - [Pfizer vaccine wins full FDA approval; Bay Area leaders predict more mandates](#)
  - [San Francisco to become first major U.S. city to mandate full vaccination for many indoor activities](#)
  - [COVID surges in hospitals, jails spur new health order in Contra Costa County](#)
  - ['Sometimes I get home and I just sob': In Bay Area COVID wards, doctors battle delta, and fatigue](#)
  - [COVID plague may take years to end, experts tell UCSF forum](#)
  - [Bay Area COVID surge stalling at high level, but experts are hopeful](#)
  - [The pep talk you need from two Spanish Flu survivors: 'Life has to go on'](#)
  - [Here's where each Bay Area county stands under CDC's new COVID mask guidelines](#)

### EPIDEMIOLOGY UPDATES

- [CDC COVID Data Tracker](#)
- **US Leads the World in Confirmed COVID-19 Cases** per [Johns Hopkins University Center for Systems Science and Engineering Dashboard Website](#)
- [Johns Hopkins COVID-19 in the USA](#) – daily summary of key data on COVID-19 in the U.S.
- **California COVID-19 by the numbers** are available on the [CDPH Website](#) and the [NYT Map and Table](#) (includes data by county)
  - **California COVID-19 Statewide Update as of August 27, 2021**
- [San Mateo County COVID-19 Dashboard](#)
- [Santa Clara County COVID-19 Dashboard](#)

### ADDITIONAL COVID-19 RESOURCES

- [San Mateo County COVID-19 Guidance and Resources for Clinicians and Facilities – COVID-19 Digests](#)
- [Palo Alto Online tracking the coronavirus in San Mateo and Santa Clara counties](#)
- [California COVID-19 Data and Tools](#)
- [CDPH COVID-19 Assessment and Modeling Tool](#)
- [California Department of Corrections and Rehabilitations Population COVID-19 Tracking Dashboards](#)
- [CDC Interactive Serology Dashboard for Commercial Laboratory Surveys](#)
- [Children and COVID-19: State-Level Data Report](#)
- [HHS Coronavirus Data Hub](#)
- [COVID-19 Nursing Home Data](#)

