



COVID-19 Digest Issue 54

May 7, 2021

CLINICAL PEARL

- **Data from the NBA's testing program demonstrates that those who continue to test positive for SARS-CoV-2 following initial infection and diagnosis are likely no longer contagious.** Published in [JAMA Internal Medicine](#), these data were collected from June 11, 2020, to October 19, 2020 and cover some 4,000 NBA players, staff, and vendors who were required to undergo daily RT-PCR testing and *ad hoc* serological testing for SARS-CoV-2 antibodies. Among the 3,648 individuals who participated, 36 (1%) were persistent positive cases. Antibodies were detected in 33 individuals (91.7%) and all were asymptomatic. Cases were monitored for up to 100 days (51 days on average), during which there were at least 1,480 person-days of direct exposure activities without masks, but there were no transmission events or secondary infections of SARS-CoV-2 detected (0 new cases). These data demonstrate that following the initial infection period, even if people continue to test positive, they are likely not actively infectious.

PUBLIC HEALTH UPDATES

- FDA
 - Company Announcement [Scentsational Soaps & Candles, Inc. Issues Voluntary Nationwide Recall of Scented Hand Sanitizers Due to the Presence of Methanol \(Wood Alcohol\), Benzene and Acetaldehyde](#)
 - [Revocation of EUA200210 \(Battelle Memorial Institute\)](#)

GUIDANCE/GUIDELINE

- CDPH [COVID-19 Public Health Recommendations for Fully Vaccinated People](#)

RESOURCES

- CDC/IDSA
 - COVID-19 Clinician Call [Update on SARS-CoV-2 Variants; Plus Vaccine Q&A](#)
- IDSA/ANA Joint Webinar: [COVID-19 Vaccination - Turning Your "Maybe" into a "Yes"](#)
- IDSA
 - [COVID-19: Vaccinating Vulnerable Populations](#)
 - [Let's Talk ID: Catching up with CDC Director Rochelle P. Walensky, MD, MPH, FIDSA](#)
- Joint Report from the American Academy of Pediatrics and the Children's Hospital Association [Children and COVID-19: State Data Report](#)
- New York Times [Tracking Coronavirus Vaccinations Around the World](#)

ACADEMIC/RESEARCH PAPERS

- PLOS
 - [Evaluation of potential COVID-19 recurrence in patients with late repeat positive SARS-CoV-2 testing](#)
 - [How well did experts and laypeople forecast the size of the COVID-19 pandemic?](#)
- *Annals of Emergency Medicine*
 - [Early Outcomes of Bivalirudin Therapy for Thrombotic Thrombocytopenia and Cerebral Venous Sinus Thrombosis after Ad26.COVS.2.S Vaccination: A Case Report](#)





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- *JAMA*
 - [Antibody Response to 2-Dose SARS-CoV-2 mRNA Vaccine Series in Solid Organ Transplant Recipients](#)
 - [US Case Reports of Cerebral Venous Sinus Thrombosis With Thrombocytopenia After Ad26.COVS.2.S Vaccination, March 2 to April 21, 2021](#)
 - [Assessing a Rare and Serious Adverse Event Following Administration of the Ad26.COVS.2.S Vaccine](#)
 - [Assessment of Length and Readability of Informed Consent Documents for COVID-19 Vaccine Trials](#)
 - [Factors Associated With Access to and Timing of Coronavirus Testing Among US Adults After Onset of Febrile Illness](#)
 - [Complications of COVID-19 Nasopharyngeal Swab Test](#)
 - [SARS-CoV-2 Antibodies in Adult Patients With Multiple Sclerosis in the Amsterdam MS Cohort](#)
 - [Trends in Patient Characteristics and COVID-19 In-Hospital Mortality in the United States During the COVID-19 Pandemic](#)
 - [Association Between Income Inequality and County-Level COVID-19 Cases and Deaths in the US](#)
 - [Adolescents' Substance Use and Physical Activity Before and During the COVID-19 Pandemic](#)
 - [Revitalizing Adolescent Health Behavior After the COVID-19 Pandemic](#)
 - [Caregiver Perceptions of Children's Psychological Well-being During the COVID-19 Pandemic](#)
 - [It Is Time to End the Debate Over School Reopening](#)
- *Pediatrics*
 - [COVID-19 Infections Among Students and Staff in New York City Public Schools](#)
- *Science*
 - [Household COVID-19 risk and in-person schooling](#)
 - [Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose](#)
- *Nature*
 - [COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets](#)
 - [A molecular single-cell lung atlas of lethal COVID-19](#)
 - [A human-airway-on-a-chip for the rapid identification of candidate antiviral therapeutics and prophylactics](#)
 - [Climate and the spread of COVID-19](#)
- *Cell Reports*
 - [Hepatitis C Virus Drugs That Inhibit the SARS-CoV-2 Papain-Like Protease Synergize with Remdesivir to Suppress Viral Replication in Cell Culture](#)
- *Lancet*
 - [Ethnic differences in SARS-CoV-2 infection and COVID-19-related hospitalisation, intensive care unit admission, and death in 17 million adults in England: an observational cohort study using the OpenSAFELY platform](#)
 - [COVID-19 and disparities affecting ethnic minorities](#)
- *Annals of Internal Medicine*
 - [The Reign of the Ventilator: Acute Respiratory Distress Syndrome, COVID-19, and Technological Imperatives in Intensive Care](#)
- *Open Forum Infectious Diseases*
 - [Characterization of Bacterial and Fungal Infections in Hospitalized Patients with COVID-19 and Factors Associated with Healthcare-associated Infections](#)
- *Clinical Infectious Diseases*
 - [Re-infection with SARS-CoV-2 in Patients Undergoing Serial Laboratory Testing](#)





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- *Emerging Infectious Diseases*
 - [SARS-CoV-2 Serial Interval Variation, Montana, USA, March 1-July 31, 2020](#)
 - [SARS-CoV-2 in Nursing Homes after 3 Months of Serial, Facilitywide Point Prevalence Testing, Connecticut, USA](#)
 - [Prevalence and Clinical Profile of Severe Acute Respiratory Syndrome Coronavirus 2 Infection among Farmworkers, California, USA, June–November 2020](#)
 - [Racial and Ethnic Disparities in Incidence of SARS-CoV-2 Infection, 22 US States and DC, January 1–October 1, 2020](#)
 - [Genomic Evidence of SARS-CoV-2 Reinfection Involving E484K Spike Mutation, Brazil](#)
 - [Genetic Evidence and Host Immune Response in Persons Reinfected with SARS-CoV-2, Brazil](#)
 - [Undocumented Migrants Reintroducing COVID-19, Yunnan Province, China](#)
 - [Introduction of ORF3a-Q57H SARS-CoV-2 Variant Causing Fourth Epidemic Wave of COVID-19, Hong Kong, China](#)
 - [Susceptibility to SARS-CoV-2 of Cell Lines and Substrates Commonly Used to Diagnose and Isolate Influenza and Other Viruses](#)
 - [COVID-19 Co-infection with *Legionella pneumophila* in 2 Tertiary-Care Hospitals, Germany](#)
- *PNAS*
 - [A guideline to limit indoor airborne transmission of COVID-19](#)
- *BMJ*
 - [Zero Covid—known unknowns](#)
- *BMC Public Health*
 - [Estimation of the serial interval and proportion of pre-symptomatic transmission events of COVID-19 in Ireland using contact tracing data](#)
- *Molecular Biology and Evolution*
 - [An evolutionary portrait of the progenitor SARS-CoV-2 and its dominant offshoots in COVID-19 pandemic](#)
- *Therapeutic Advances in Neurological Disorders*
 - [Humoral immune response to COVID-19 mRNA vaccine in patients with multiple sclerosis treated with high-efficacy disease-modifying therapies](#)
- *Antimicrobial Agents and Chemotherapy*
 - [Human Safety, Tolerability, and Pharmacokinetics of Molnupiravir, a Novel Broad-Spectrum Oral Antiviral Agent with Activity Against SARS-CoV-2](#)
- *Journal of Women's Health*
 - [Change in Health-Related Socioeconomic Risk Factors and Mental Health During the Early Phase of the COVID-19 Pandemic: A National Survey of U.S. Women](#)
- *Academic Pediatrics*
 - [Addressing Vaccine Hesitancy in the Age of COVID-19](#)
- *European Journal of Nuclear Medicine and Molecular Imaging*
 - [Complete remission of follicular lymphoma after SARS-CoV-2 infection: from the “flare phenomenon” to the “abscopal effect”](#)
- *Environmental Research*
 - [Local atmospheric factors that enhance air-borne dispersion of coronavirus - High-fidelity numerical simulation of COVID19 case study in real-time](#)
- *Association or Molecular Pathology, IDSA, Pan American Society for Clinical Virology*
 - [SARS-CoV-2 Variant Testing](#)





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- *University of Michigan National Poll on Healthy Aging*
 - [Mental Health Among Older Adults Before and During the COVID-19 Pandemic](#)

MMWR

- [Rapid Emergence and Epidemiologic Characteristics of the SARS-CoV-2 B.1.526 Variant — New York City, New York, January 1–April 5, 2021](#)
- [Identification of and Surveillance for the SARS-CoV-2 Variants B.1.427 and B.1.429 — Colorado, January–March 2021](#)
- [Modeling of Future COVID-19 Cases, Hospitalizations, and Deaths, by Vaccination Rates and Nonpharmaceutical Intervention Scenarios — United States, April–September 2021](#)

HOT OFF THE (LAY) PRESS

- *WHO News*
 - [WHO lists Moderna vaccine for emergency use](#)
 - [Immunization services begin slow recovery from COVID-19 disruptions, though millions of children remain at risk from deadly diseases](#)
- *European Medicines Agency*
 - [EMA starts rolling review of COVID-19 Vaccine \(Vero Cell\) Inactivated](#)
- *European Commission*
 - [Coronavirus: Commission proposes to ease restrictions on non-essential travel to the EU while addressing variants through new 'emergency brake' mechanism](#)
- *CDC News*
 - [Fully Vaccinated Adults 65 and Older Are 94% Less Likely to Be Hospitalized with COVID-19](#)
- *AMA Press Releases*
 - [AMA announces update to COVID-19 vaccine CPT codes](#)
- *New York Times*
 - [The Biden administration will support lifting patent protections for Covid vaccines, a breakthrough for efforts to produce more doses globally.](#)
 - [Biden announces a strategy change as the pace of vaccination slows.](#)
 - [F.D.A. Set to Authorize Pfizer Vaccine for Adolescents by Early Next Week](#)
 - [Pfizer says it will seek clearance in September for its vaccine to be used in children aged 2 to 11](#)
 - [With Covid Vaccines for Teens and Kids, Timing Matters](#)
 - [This New Covid Vaccine Could Bring Hope to the Unvaccinated World](#)
 - [Pfizer Reaps Hundreds of Millions in Profits From Covid Vaccine](#)
 - ['Turning the Corner': U.S. Covid Outlook Reaches Most Hopeful Point Yet](#)
 - [Reaching 'Herd Immunity' Is Unlikely in the U.S., Experts Now Believe](#)
 - [Nation Faces 'Hand-to-Hand Combat' to Get Reluctant Americans Vaccinated](#)
 - [\\$100 as an Incentive to Get a Shot? Experiment Suggests It Can Pay Off.](#)
 - [What Are the Roadblocks to a 'Vaccine Passport'?](#)
 - [Colorado sees rapid spread of cases among middle and high school students.](#)
 - [How a Miami School Became a Beacon for Anti-Vaxxers](#)
 - [Will Schools Open in the Fall?](#)
 - [California Reaches More Reopening Milestones](#)
 - [After a Year of Loss, South America Suffers Worst Death Tolls Yet](#)





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- [The Math That Explains the End of the Pandemic](#)
- [The U.S. will start restricting travel from India on Tuesday, the White House says.](#)
- [Mass Vaccination, India's Covid-19 Escape Route, Poses a Giant Challenge](#)
- ['This Is a Catastrophe.' In India, Illness Is Everywhere.](#)
- *Bloomberg*
 - [U.S. Tells Citizens to Leave India as Covid Crisis Deepens](#)
- *The New Yorker*
 - [Inside India's COVID-19 Surge](#)
- *Reuters*
 - [Overwhelmed India running short of COVID-19 vaccines](#)
 - [Biden Won't Rule Out Requiring U.S. Service Members to Get COVID-19 Vaccine](#)
 - [World to spend \\$157 billion on COVID-19 vaccines through 2025](#)
 - [BioNTech expects vaccine trial results for babies by September](#)
- *The Hill*
 - [Gottlieb predicts 10M kids would get inoculated before fall if Pfizer coronavirus vaccine is authorized](#)
- *CNBC*
 - [Pfizer scientist expects elderly, people with underlying conditions to be first to get Covid vaccine booster shots](#)
- *STAT News*
 - [White House aims to give 70% of American adults at least one Covid-19 vaccine dose by July 4](#)
 - [U.S. government has invested \\$6 billion in Moderna's Covid-19 vaccine](#)
- *The Washington Post*
 - [White House will make unordered vaccine supply available to other states](#)
 - [People seeking coronavirus vaccine appear eager to receive Johnson & Johnson](#)
 - [CDC says coronavirus could be under control this summer in U.S. if people get vaccinated and are careful](#)
 - [The future of coronavirus testing is in Greenville, N.C.](#)
 - [Suspected false positives stirred concern about coronavirus tests as Maryland officials pressed to use them](#)
 - [E.U. proposal would allow vaccinated American tourists by the end of June](#)
- *NPR*
 - [TSA Extends Mask Mandate Aboard Flights Through Summer As Travel Increases](#)
 - [Pfizer To Vaccinate Olympic Athletes As Japan Mulls Extending Pandemic Restrictions](#)
 - [Can't Help Falling In Love With A Vaccine: How Polio Campaign Beat Vaccine Hesitancy](#)
 - [COVID-19 Has Hit The Amish Community Hard. Still, Vaccines Are A Tough Sell](#)
 - [Children Now Account For 22% Of New U.S. COVID Cases. Why Is That?](#)
 - [Hotels And Restaurants That Survived Pandemic Face New Challenge: Staffing Shortages](#)
 - [One Of The World's Poorest Countries Has One Of The World's Lowest COVID Death Rates](#)
 - [India Is Counting Thousands Of Daily COVID Deaths. How Many Is It Missing?](#)
- *USA Today*
 - [CVS offering walk-in, same-day COVID-19 vaccine appointments nationwide](#)
 - [Mickey is ready to welcome guests back to Disneyland; masks, temperature checks required](#)
- *Politico*
 - [Feds rethink vaccination strategy as slowing demand reveals stark divide](#)
 - [Biden's next pandemic challenge: Getting Americans to accept the virus](#)





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- [Bidenworld fears many vaccine skeptics may be unreachable. They're trying anyway.](#)
- [CDC: Vaccinated Americans can go maskless outdoors in many situations](#)
- *Ipsos*
 - [While Still High, Mask Use Among Americans Continues to Decline](#)
- *CBS New*
 - [Most Americans say they prefer a specific brand of vaccine – and what they've seen on social media influences their decision](#)
- *Time*
 - [Why Men Are Falling Behind in COVID-19 Vaccination](#)
- *NBC News*
 - ['There is not ... period': Doctor tells California official there's no tracking device in Covid shot](#)
- *The Wall Street Journal*
 - [AstraZeneca Struggles With Data Needed for Covid-19 Vaccine's Approval](#)
 - [Next Generation of Covid-19 Vaccines Could Be Pill or Spray](#)
 - [Covid-19 Upended Schools. How Much Has Education Suffered?](#)
- *Kaiser Health News*
 - [Covid 'Doesn't Discriminate by Age': Serious Cases on the Rise in Younger Adults](#)
 - [CVS and Walgreens Have Wasted More Vaccine Doses Than Most States Combined](#)
- *The Nation's Health*
 - [Pop-up clinics bringing vaccines to people who need them most: Meeting people where they are on COVID-19](#)
 - [Innovative resources help communicate, educate audiences on COVID-19 vaccines: Science-based information can be used with general public, essential workers, health professionals](#)
 - [Women bearing hardships during pandemic: COVID-19 disrupts care, mental health, economic security](#)
- *Nature News*
 - [Inequality's deadly toll](#)
 - ['Unprecedented achievement': who received the first billion COVID vaccinations?](#)
- *Scientific American*
 - [The First Billion COVID Vaccinations Have Been Given](#)
 - [Flu Has Disappeared Worldwide during the COVID Pandemic](#)
- *Chicago Tribune*
 - [After court order, Elmhurst Hospital says it's allowing COVID-19 patient to receive controversial drug ivermectin](#)
- *Forbes*
 - [A Flight Just Set A Record For Positive Covid-19 Cases — Here's Why That Will Not Happen In The U.S.](#)
- *JAMA News & Perspectives*
 - [Researchers Tie Severe Immunosuppression to Chronic COVID-19 and Virus Variants](#)
 - [An Inside Look at a Post-COVID-19 Clinic](#)
- *The Atlantic*
 - [Post-vaccination Inertia Is Real](#)
- *ProPublica*
 - [A Crisis of Undiagnosed Cancers Is Emerging in the Pandemic's Second Year](#)





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- *GlobeNewswire*
 - [Ocugen announces studies showing COVAXIN potentially effective against three key variants of SARS-CoV-2](#)
- *Merck Press Releases*
 - [Amid Humanitarian Crisis in India, Merck Announces Voluntary Licensing Agreements with Five Indian Generics Manufacturers to Accelerate and Expand Global Access to Molnupiravir, an Investigational Oral Therapeutic for the Treatment of COVID-19](#)
 - [Merck and Ridgeback Biotherapeutics Provide Update on Progress of Clinical Development Program for Molnupiravir, an Investigational Oral Therapeutic for the Treatment of Mild-to-Moderate COVID-19](#)
- *Los Angeles Times*
 - [Los Angeles County reports no new COVID-19 deaths](#)
 - [Appointments for first dose of COVID-19 vaccine drop by half in L.A. County, alarming public health officials](#)
 - [Disneyland reopens: 'This is a homecoming for us,' a tearful parkgoer says](#)
 - [In Rare Cases Even the Vaccinated Can Get COVID-19 and Die](#)
- *Mercury News*
 - [California's coronavirus hospitalizations hit an all time low](#)
- *San Jose Inside*
 - [\(Santa Clara\) County Urges Teens to Get Covid-19 Vaccine as Demand Dips](#)
- *San Francisco Chronicle*
 - [S.F. and Los Angeles enter the yellow tier together. How did that happen?](#)
 - [It's official: Face masks are no longer required outdoors in California for fully vaccinated](#)

EPIDEMIOLOGY UPDATES

- **CDC COVID Data Tracker**
 - [United States COVID-19 Cases and Deaths by State](#)
 - [COVID Data Tracker: Vaccinations](#)
 - [US COVID-19 Cases Caused by Variants](#)
- **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 May 7, 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](#)





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PUBLIC HEALTH, POLICY & PLANNING

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- [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](#)

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