

COVID-19 UPDATES

October 28th, 2020

For live updates on COVID-19 at the state level, county level and the Claremont neighborhood, you can check our [COVID-19 Claremont Graduate University Dashboard](#).

- **Global:** Total confirmed cases: 44,644,423. Total deaths: 1,176,328. Total recoveries: 30,117,680.
- **United States:** Total confirmed cases: 8,873,861. Total deaths: 227,897. Total recoveries: 3,518,140.
- **California:** Total confirmed cases: 908,713. Total deaths: 17,475.
 - Virus transmission in Los Angeles County is rated as widespread by **the governor's reopening regime**, which places LA county in Tier 1 and keeps higher education and K-12 schools closed. Schools are permitted to open to stable groups of no more than 12 students with disabilities, students requiring instruction for English as a second language and students needing other specialized in-school services. Many businesses and services are allowed to reopen if performed outdoors with modifications. ([Los Angeles Times](#))
 - Los Angeles County is still in the strictest level of the state's four-tier economic-reopening roadmap. The county's recent testing positivity rate is low enough to qualify the county to move up to a less-restrictive tier, but the average daily number of new cases needs to drop to about 700 per day before any movement will occur. ([NBC](#))

County-Level Statistics

Table 1. County-level confirmed cases, deaths, and case-fatality rates.

County	Confirmed Cases	Deaths	Case-fatality rate per 1,000	Total Population
Los Angeles	303369	7040	23.8	10,039,107
San Bernardino	63850	1073	14.5	2,180,085
Orange	61097	1467	18.7	3,175,692
Ventura	14347	166	10.4	846,006
Riverside	67299	1305	18.9	2,470,546

Case-fatality rates may be biased due to undercounts in both cases and deaths

La County

- Total of 303369 cases across LA County, including 7040 deaths.
- For the previous 24 hours, 13 new deaths and 1,292 new cases.

Cities In Claremont's Neighborhood

Total number of cases: 13574

Table 2. Confirmed cases in Claremont and neighboring cities

City	Total Confirmed Cases	Total Population
Claremont	459	36,478
La Verne	555	32,206
Pomona	6230	152,361
Montclair	1456	39,437
Rancho Cucamonga	3275	177,751
Upland	1599	77,000

Policy

- Washington, Oregon and Nevada have joined California's COVID-19 Scientific Safety Review Workgroup, established by [California Gov. Newsom](#) to independently review the safety and efficacy of a future COVID-19 vaccine. The panel will prioritize vaccine distribution to ensure COVID-19 vaccine is available to everyone, especially communities that have been disproportionately impacted by this disease.
- Congress has recessed for what will be consequential November elections without passing new economic relief for a nation beset with the coronavirus pandemic. Democrats have sought more robust funding for state and local governments, while Republicans have opposed bailouts for states they view as chronically mismanaged. GOP senators have balked at any deal that could cost roughly \$2 trillion, as contemplated by Democrats and the Trump administration. ([Roll Call](#))
- Medical experts from Mayo Clinic propose establishing a centralized national coalition to coordinate hypothesis-driven clinical research trials for treatment and prevention of COVID-19. The proposal calls for a uniform standard of care to enable easier comparison among treatments at every trial stage. ([Gianrico Farrugia, Tom Mihaljevic, and Andrew D. Badley STAT](#))
- Europe reported more than 1.3 million new cases this past week, its highest single week count yet. With concerns the situation in Europe might soon spin out of control, governments are imposing curfews and social restrictions to avoid full-scale lockdowns that could hurt the economy and dim the upcoming holiday season. ([NPR](#))
- The Rockefeller Foundation will allocate \$1 billion over the next three years to address the pandemic and its aftermath. It is the largest commitment in its 107-year history, and will primarily focus on expanding access to COVID-19 tests and vaccines, as well as investing in distributed green power sources for the more than 800 million people stuck in energy poverty. ([Axios](#))

Latest Research News

- Should you worry about studies showing waning coronavirus antibodies? The answer is no. Medical experts say it is normal for levels of antibodies to drop after the body clears an infection, but immune cells carry a memory of the virus and can churn out fresh antibodies when needed. Although it is too early to know how long immunity to coronavirus lasts, worries about whether vaccines will help reach herd immunity are also unwarranted. ([New York Times](#))
- A study of 216 adult COVID-19 patients found that vitamin D levels are significantly lower in hospitalized COVID-19 patients compared to population-based controls of similar age and sex. Noteworthy, serum 25OHD values were lower in men than in

women. The study did not find any relationship between vitamin D levels and the parameters of COVID-19 severity, such as ICU admission, the need for mechanical ventilation or mortality. ([José L. Hernández et al. The Journal of Clinical Endocrinology & Metabolism](#))

- Analysis of COVID-19 antibody tests on more than 365,000 people in England between June 20 and September 28 shows the number of people testing positive for coronavirus antibodies dropped by 26.5 percent. across the study period, from almost 6 to 4.4 percent. The findings suggest that there may be a decline in the level of immunity in the population in the months following the first wave of the epidemic. ([Imperial College London](#))
- Findings from a randomized, double-blind, placebo-controlled trial show that an immunosuppressive drug tocilizumab is not an effective treatment strategy. The drug has been thought to disrupt the cytokine storm associated with COVID-19 in moderately ill patients. According to the study, tocilizumab has no significant effect on the risk of intubation or death, on disease worsening, or on time to discontinuation of supplemental oxygen. ([John H. Stone et al. The New England Journal of Medicine](#))
- A study to be published next week in the Journal of Hospital Medicine analyzed 5,263 COVID-19 patient records treated at NYU Langone hospitals in New York City and Long Island between March 1 and August 8. Using a range of risk factors for the disease, as well as indicators of the severity of the illness upon hospitalization, the study shows the likelihood of death from COVID-19 was on average 22 percentage points lower in August than in March for most critically ill patients. ([NYU Langone Health and NYU School of Medicine](#))

Useful Links

[Urban Institute Mapping Neighborhoods Where Low-income Renters Face Greater Risks of Housing Instability and Homelessness to Inform an Equitable COVID-19 Response](#)

[The COVID Tracking Project](#)

[Protect Public Data Hub by the U.S. Department of Health and Human Services](#)

[Contact Tracing Workforce Estimator by Fitzhugh Mullan Institute for Health Workforce Equity, the George Washington University](#)

[California COVID-19 statistics by county](#)

[Los Alamos National Laboratory COVID-19 Forecasts](#)

[Paul Bogaardt et al. IPRC Working Paper](#)

[CDC Provisional Death Counts for COVID-19: Data Updates by Select Demographic and Geographic Characteristics](#)

[NBER Working papers on COVID-19 and Economics](#)

[Census COVID-19 Impact Report](#)

[CDC COVID-19 Forecasts](#)

[Johns Hopkins University CSSE international map](#)

[RAND State Policy Evaluation Tool: The Health and Economic Impacts of COVID-19 Interventions](#)

[Map of California Counties advancing to Stage 2 of reopening](#)

[Google COVID-19 Community Mobility Reports](#)

[COVID-19 Projections by the Institute for Health Metrics and Evaluation](#)

[COVID-19 Projections by the University of Texas COVID-19 Modeling Consortium](#)

[Our World in Data COVID-19 Statistics and Research](#)

[Estimation of COVID-19 epidemic evaluation by the SIR model by Milan Batista \(2020\), fitVirusCOVID19](#)

[Imperial College London COVID-19 Behavior Tracker](#)

[Penn Wharton Budget Model](#)

[Kaiser Family Foundation Data Tool](#)

[RAND Tool for Estimating Critical Care Capacity](#)

[NBER Working papers on COVID-19 and Economics](#)

[Becker Friedman Institute for Economics Working Papers on COVID-19](#)

[COVID-19 Research and Information from Human Capital and Economic Opportunity Global Working Group, University of Chicago](#)

[The Trump Administration's Guidelines for Opening Up America Again](#)