



****Extraordinary Assumptions: There are many different data sources in this report and not all of them match. The goal is to provide an overall picture of the current situation.**

Daily Situation Summary

Tuesday, May 18, 2021

As of 11:00 AM



COVID-19 by the Numbers,

5/18/2021	Riverside	Imperial	Kern	Los Angeles*	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	283,128	27,520	94,244	1,181,101	249,617	286,086	270,540	20,235	33,096	79,369	3,573,074	32,795,780	163,312,429
New Cases	122	14	39	563	99	170	252	20	44	43	2,414	19,483	515,104
Total Cases Per Capita	11,471	14,360	10,164	11,514	7,732	12,902	8,027	7,256	7,252	9,307	8,904	9,935	2,109
New Cases Per Capita	4.94	7.31	4.21	5.49	3.07	7.67	7.48	7.17	9.64	5.04	6.02	5.90	6.65
Recovered	291,854	24,986	38,566	Not Reported	246,233	290,351	270,270	20,053	32,576	79,398	2,013,225	27,203,980	144,804,971
Total Deaths	4,193	710	1,233	23,220	4,742	4,404	3,555	252	443	977	58,269	583,596	3,386,825
New Deaths	22	0	4	49	11	48	0	1	0	8	179	518	11,014
Deaths Per Capita	169.88	370.47	132.97	226.37	146.88	198.61	105.48	90.37	97.07	114.57	145.20	176.79	43.73
% of State's Cases	7.92%	0.77%	2.64%	33.06%	6.99%	8.01%	7.57%	0.57%	0.93%	2.22%	10.89%	20.08%	
Currently in Hospitals	54	15	21	352	78	76	130	1	15	21	1,402		
Total Hospital Beds	3,221	236	1,109	18,970	5,755	3,564	6,496	460	603	1,143	65,111		
Currently in ICU	11	5	6	114	14	20	45	0	3	2	335		
ICU Beds Available	129	4	43	680	257	193	221	20	45	50	2,472		
Case Fatality Rate	1.48%	2.58%	1.31%	1.97%	1.90%	1.54%	1.31%	1.25%	1.34%	1.23%	1.63%	1.78%	2.07%
COVID Tests Daily	8,908	1,625	3,430	90,303	13,149	9,624	15,257	2,185	3,052	4,812	251,606		
Total COVID Tests	2,245,595	199,853	782,529	21,379,879	3,052,658	2,349,630	3,585,188	330,767	427,622	1,178,838	53,253,706		
Population*	2,468,145	191,649	927,251	10,257,557	3,228,519	2,217,398	3,370,418	278,862	456,373	852,747	40,129,160	330,100,590	7,745,123,000
% of Population	6.15%	0.48%	2.31%	25.56%	8.05%	5.53%	8.40%	0.69%	1.14%	2.13%	1.08%	0.4234%	

Sources: CDPH, WHO, CDC, Local County Data

The date for which case statistics and hospital data were reported. Hospital COVID data are self-reported through a portal managed by the California Hospital Association and pulled at 2pm. COVID case statistics are reported by local health departments to CalREDIE and are pulled at 2pm. Hospital data and case statistics are integrated by the California Department of Technology and made available through the Open Data Portal the following morning. CA Open Data Portal is at least 24 Hours behind although a backlog of new case reports at the State level has ostensibly been cleared, some County dashboards still contain notes that indicate data are missing. *California Demographics from State Database Blueprint Data Chart 12-15-20 & census.gov . Presumptive active cases - A calculation (Total Cases - Recovered - Dead) (* LA County does not report recovery rates)

News

More detail on page 2

News – The collection of news articles is related to COVID-19. The inclusion or order of articles is not intended to reflect their importance, nor is it intended to endorse the political viewpoints or affiliations included in news coverage.

Pfizer vaccine can now be stored in fridge for longer, EU drug regulator says

- The European Medicines Agency (EMA) said that once the vaccines thawed, unopened vials could be kept in the fridge for up to a month.
- The current limit is just five days.
- The increased flexibility is expected to have a significant impact on the vaccine roll-out across the EU.
https://www.bbc.com/news/world-europe-57152719?at_custom1=%5Bpost+type%5D&at_custom3=BBC+News&at_custom4=6F31B6A0-B77C-11EB-82D8-20283A982C1E&at_custom2=facebook_page&at_medium=custom7&at_campaign=64&fbclid=IwAR14fbOOqa7OUilpsmCepiWdAs7xSbn1Qy2rUfAdyruWxSwoCaKLSidXTM

Human Antibodies Target Many Parts of Coronavirus Spike Protein

- People who recovered from mild COVID-19 infections produced antibodies circulating in their blood that target three different parts of the coronavirus's spike protein.
- An NIH-funded study, published recently in the journal *Science*, offers the most-detailed picture yet of the array of antibodies against SARS-CoV-2 found in people who've fully recovered from mild cases of COVID-19. This picture suggests that an effective neutralizing immune response targets a wider swath of the virus' now-infamous [spike protein](#) than previously recognized.
- To date, most studies of natural antibodies that block SARS-CoV-2 have zeroed in on those that target a specific portion of the spike protein known as the [receptor-binding domain \(RBD\)](#)—and with good reason. The RBD is the portion of the spike that attaches directly to human cells. As a result, antibodies specifically targeting the RBD were an excellent place to begin the search for antibodies capable of fending off SARS-CoV-2.
- The researchers found was a bit of a surprise: the vast majority of antibodies—about 84 percent—targeted other portions of the spike protein than the RBD. This suggests a successful immune response doesn't concentrate on the RBD. It involves production of antibodies capable of covering areas across the entire spike.
<https://directorsblog.nih.gov/2021/05/18/human-antibodies-target-many-parts-of-coronavirus-spike-protein/>

Sign-ups begin for Ohio's vaccine lottery today. Here's how to win \$1 million or a college scholarship.

- Registrations began Tuesday for the state's Vax-a-Million cash prize and college scholarships, which are being awarded to residents who have been vaccinated against the coronavirus.
- Five winners will be chosen to receive \$1 million each, and five winners will be chosen to win a full scholarship to a public Ohio college or university.
- Ohioans who want a shot at the cash prize or college scholarships must enter through ohiovaxamillion.com or by calling 833-4-ASK-ODH, Gov. Mike DeWine's administration said Monday. That's a change from the initial plan, which would have used voter registration records to choose winners for the cash prize.
- By opting-in, winners will agree to have their vaccination records verified and be publicly announced, state officials said.
<https://news.yahoo.com/sign-ups-begin-ohios-vaccine-110501583.html>

Riverside County Remains In Orange Tier While OC Goes Yellow

https://patch.com/california/lakeelsinore-wildomar/s/hkqrc/riverside-county-remains-in-orange-tier-while-oc-goes-yellow?utm_source=alert-breakingnews&utm_medium=email&utm_campaign=alert