

match but aid to provide an overall picture of the current situation. COVID-19 Data Source Comparison https://covid-19.splunkforgood.com/covid_19_datasource_comparison

Daily Situation Summary Tuesday, October 6, 2020 As of 10:00 AM

COVID-19 by the Numbers

40/06/0000								San					
10/06/2020	Riverside	Imperial*	Kern	Los Angeles	Orange	San Bernardino	San Diego	Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Tabal Casas	1	•	-	_	_			•					
Total Cases	60,251	11,127	31,906	272,822	53,966	55,100	48,438	3,688	9,276	13,197	826,784	7,396,730	35,347,404
New Cases	260	37	42	953	393	96	236	18	20	47	3,055	36,778	235,860
Total Cases Per Capita	2,528	6,174	3,613	2,702	1,706	2,580	1,467	1,310	2,090	1,556	2,112	2,239	460
New Cases Per Capita	10.91	20.53	4.76	9.44	12.42	4.50	7.15	6.40	4.51	5.54	7.80	11.13	3.07
Recovered	<u>55,212</u>	<u>11,471</u>	<u>16,404</u>	<u>Not</u> <u>Reported</u>	<u>48,923</u>	<u>5,317</u>	44,122	<u>3,513</u>	<u>9,082</u>	<u>12,224</u>	<u>430,038</u>	<u>4,909,966</u>	<u>26,981,848</u>
Total Deaths		326	386	6,647	1,286	962	803	31	115	153	16,149	209,199	1,039,406
New Deaths	0	0	0	5	0	0	5	0	0	0	29	378	4,051
Deaths Per Capita	0.00	180.89	43.71	65.82	40.64	45.05	24.31	11.01	25.92	18.04	41.25	63.32	13.52
Presumptive active													
cases	5,039	-670	15,116		3,757	48,821	3,513	144	79	820	380,597	2,277,565	7,326,150
% of State's Cases	7.29%	1.35%	3.86%	33.00%	6.53%	6.66%	5.86%	0.45%	1.12%	1.60%	11.18%	20.93%	
Currently in Hospitals	201	24	62	1,058	210	234	256	4	22	42	3,146		
Total Hospital Beds	3,361	259	1,317	19,854	5,897	3,825	6,805	451	666	1,247	66,853		
Currently in ICU	40	10	19	201	53	49	70	0	6	14	681		
ICU Beds Available	112	6	70	1,072	234	180	307	30	56	53	2,992		
Case Fatality Rate	0.000%	2.930%	1.210%	2.436%	2.383%	1.746%	1.658%	0.841%	1.240%	1.159%	1.953%	2.828%	2.941%
Population*	2,383,286	180,216	883,053	10,098,052	3,164,182	2,135,413	3,302,833	281,455	443,738	848,112	39,148,760	330,368,050	7,685,133,000
% of Population	6.09%	0.46%	2.26%	25.79%	8.08%	5.45%	8.44%	0.72%	1.13%	2.17%	0.25%	0.0962%	

Sources: CDPH, WHO, CDC

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.com made by Cubit – a demographic data provider & census.gov

Presumptive active cases - A calculation (Total Cases - Recovered - Dead) (LA County does not report recovery rates and *Imperial County case data reporting is delayed to the state data source)

News

US Data

ta More detail on page 3 State Data More detail on page 8

Riverside County Data More detail on page 11

More detail on page 2

Weather

ther More detail on page 12 Wildfire More detail on page 13 **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.

CDC issues updated guidance How COVID-19 Spreads

- The website, which includes information about the potential for airborne spread of the virus that causes COVID-19.
- CDC continues to believe, based on current science, that people are more likely to become infected the longer and closer they are to a person with COVID
- Today's update acknowledges the existence of some published reports showing limited, uncommon circumstances where people with COVID-19 infected others who were more than 6 feet away or shortly after the COVID-19-positive person left an area. In these instances, transmission occurred in poorly ventilated and enclosed spaces that often involved activities that caused heavier breathing, like singing or exercise. Such environments and activities may contribute to the buildup of virus-carrying particles.
- CDC's recommendations remain the same based on existing science and after a thorough technical review of the guidance. People can protect themselves
 from the virus that causes COVID-19 by staying at least 6 feet away from others, wearing a mask that covers their nose and mouth, washing their hands
 frequently, cleaning touched surfaces often and staying home when sick.
 https://www.cdc.gov/media/releases/2020/s1005-how-spread-covd.html

Flurry of coronavirus reinfections leaves scientists puzzled

- A 33-year-old man landed in Hong Kong after flying home from Spain. On arrival, he was screened for coronavirus. Despite feeling well he tested positive. It was the second time he had picked up Covid-19 in less than five months.
- The case immediately caught scientists' attention. The man was the first in the world to have a confirmed coronavirus reinfection and there were positives to take from the report. First and foremost, he was asymptomatic. Although reinfected with Sars-Cov-2, his immune system swung into action fast and contained the virus without him knowing. <u>https://www.theguardian.com/world/2020/oct/06/flurry-of-coronavirus-reinfections-leaves-scientists-puzzled</u>

She's 13, and the Source of a Family's Covid-19 Outbreak

- Adolescents who contract Covid-19 usually do not get as sick as adults and often experience few if any symptoms, but they can spread the novel coronavirus that causes the
 disease to others.
- Scientists from the Centers for Disease Control and Prevention and the health departments of four states Georgia, Illinois, Massachusetts and Rhode Island described a 13year-old girl who became infected with the coronavirus just before a three-week family gathering. Eleven other relatives, including her mother, her father, two brothers and two grandparents, also became infected.

https://www.nytimes.com/2020/10/06/health/covid-teenagers-infection.html CDC Document: EARLY RELEASE: Adolescent with COVID-19 as the Source of an Outbreak at a 3-Week Family Gathering - Four States, June-July 2020 Monday, October 05, 2020

Coronavirus vaccine trial participants report exhaustion, fever and headaches and chills

- High fever, body aches, bad headaches and exhaustion are just some of the symptoms five participants in two of the leading coronavirus vaccine trials say they felt after receiving the shots.
- The trials, which each have tens of thousands of participants, are double-blind, meaning half of them are receiving saline or another placebo and patients don't know what treatment they are receiving. The health care worker administering the vaccine is also in the dark.
- Interviews, with five participants three in Moderna's study and two in Pfizer's late-stage trials said they think the discomfort is worth it to protect themselves against the coronavirus. Four
 of them asked not to be identified, but CNBC reviewed documentation that verified their participation in the trials.
 https://www.cnbc.com/2020/10/01/coronavirus-vaccine-trial-participants-exhaustion-fever-headaches.html

NIH: SARS-CoV-2 may use key carbohydrate to infect cells

- SARS-CoV-2 attaches to cells using its spike protein. This protein binds to the ACE2 receptor, a molecule that sits on the surface of human cells. After binding to ACE2, the virus undergoes a structural change that allows it to fuse with the cell. Once inside, the virus is able to reproduce.
- To infect human cells, viruses must pass a dense layer of carbohydrates attached to the cell surface. This layer often includes the carbohydrate heparan sulfate. Several viruses, including herpes and other coronaviruses, are known to bind to heparan sulfate during infection. A team studying heparan sulfate, led by Drs. Thomas Clausen and Jeffrey Esko at UC San Diego, investigated whether the carbohydrate might also play a role in SARS-CoV-2 infection. https://www.nih.gov/news-events/nih-research-matters/sars-cov-2-may-use-key-carbohydrate-infect-cells

NIH: Rogue Antibodies and Gene Mutations Explain Some Cases of Severe COVID-19

https://directorsblog.nih.gov/2020/10/06/rogue-antibodies-and-gene-mutations-explain-some-cases-of-severe-covid-19/

U.S. Data

https://covid.cdc.gov/covid-data-tracker/#cases_casesinlast7days



USA 7,436,278 TOTAL CASES +39,548 New Cases CDC | Updated: Oct 6 2020 12:21PM

USA 209,560 TOTAL DEATHS +361 New Deaths CDC | Updated: Oct 6 2020 12:21PM

USA **306,970** Cases in Last 7 Days

CDC | Updated: Oct 6 2020 12:21PM

Cases in Last 7 Days 🛃 🔀 by State/Territory							
	Cases in	^					
State/Territory 年	Last 7 Days						
	\$						
Texas	30,081						
California	21,521						
Wisconsin	17,438						
Florida	16,194						
Illinois	14,005						
North Carolina	11,506						
Missouri	10,142						
Tennessee	9,967						
Georgia	8,433	~					

Cases in Last 7 Days Deaths per 100,000 **Total Cases** Cases per 100,000 Deaths in Last 7 Days Total Deaths US COVID-19 Cases Reported to the CDC in the Last 7 Days, by State/Territory • A 72 Territories AS FSM GU MP PR PW RMI VI Cases in Last 7 days ANT TOSS 6.730, 17.50c 1 4.005 . 30.087 0.650 2.960 × 172 X606 61.279

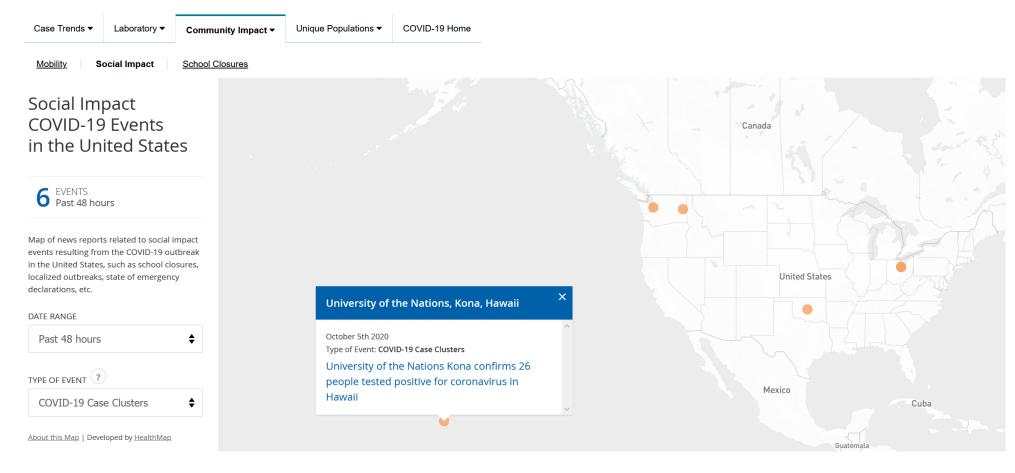
Download Map

CDC | Updated: Oct 6 2020 12:21PM

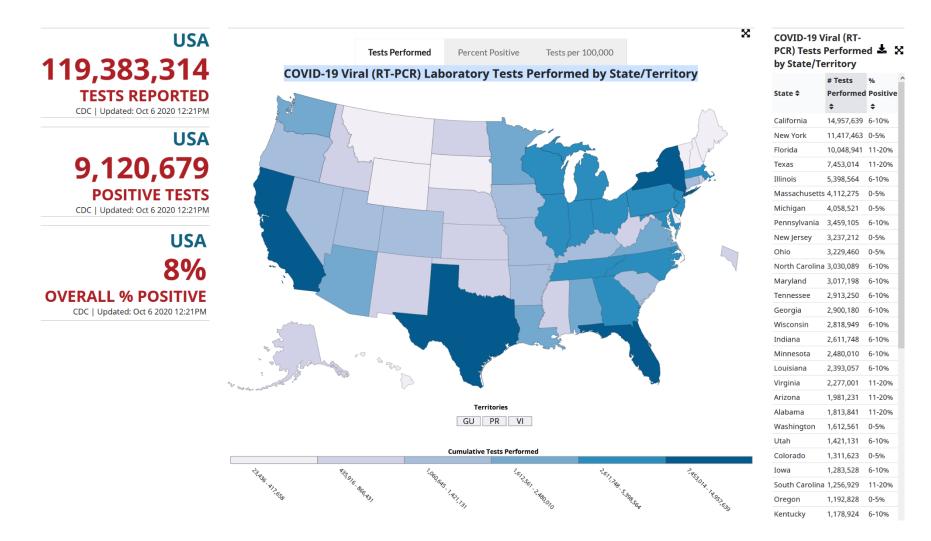
View Historic Case and Death Data х

CDC COVID Data Tracker

Maps, charts, and data provided by the CDC



United States Laboratory Testing



CDC Whats New

https://www.cdc.gov/coronavirus/2019-ncov/whats-new-all.html

- □ <u>Cases & Deaths by County</u> Monday, October 05, 2020
- □ <u>Cases in the U.S.</u> Monday, October 05, 2020
- □ <u>CDC Updates "How COVID is Spread" Webpage</u> Monday, October 05, 2020
- EARLY RELEASE: Adolescent with COVID-19 as the Source of an Outbreak at a 3-Week Family Gathering Four States, June-July

2020 Monday, October 05, 2020

- Considerations for Institutes of Higher Education Monday, October 05, 2020
- □ Staffing Resources Monday, October 05, 2020
- COVID-19 Travel Recommendations by Country Monday, October 05, 2020
- □ How COVID-19 Spreads Monday, October 05, 2020
- Commercial Laboratory Seroprevalence Survey Data Saturday, October 03, 2020
- EARLY RELEASE: Case Series of Multisystem Inflammatory Syndrome in Adults Associated with SARS-CoV-2 Infection United
- Kingdom and United States, March-August 2020 Friday, October 02, 2020
- COVID-19 Science Update released: October 2, 2020 Friday, October 02, 2020
- □ Large-scale Geographic Seroprevalence Surveys Friday, October 02, 2020
- □ <u>COVIDView Weekly Summary</u> Friday, October 02, 2020
- Recent Increase in COVID-19 Cases Reported Among Adults Aged 18-22 Years United States, May 31-September 5, 2020 Thursday,

October 01, 2020

- □ Multiple COVID-19 Clusters on a University Campus North Carolina, August 2020 Thursday, October 01, 2020
- COVID-19 Trends Among School-Aged Children United States, March 1-September 19, 2020 Thursday, October 01, 2020
- Changing Age Distribution of the COVID-19 Pandemic United States, May-August 2020 Thursday, October 01, 2020
- □ Previous COVID-19 Forecasts: Cases Thursday, October 01, 2020
- COVID-19 Forecasts: Cases Thursday, October 01, 2020
- COVID-19 Electronic Laboratory Reporting Implementation by State Thursday, October 01, 2020

CDC Guidance Documents

https://www.cdc.gov/coronavirus/2019-ncov/communication/guidance-list.html?Sort=Date%3A%3Adesc

Guidance for Reopening Buildings After Prolonged Shutdown or Reduced Operation

Ensure that your water system is safe to use after a prolonged shutdown to minimize the risk of Legionnaires' disease and other diseases associated with water.

Date: 9/21/20

Audience: <u>Community Settings</u>, <u>Public Health Professionals</u>

Interim Laboratory Biosafety Guidelines for Handling and Processing Specimens Associated with Coronavirus Disease 2019 (COVID-19) General and specific biosafety guidelines for handling SARS-CoV-2 specimens. Date: 9/18/20 Audience: Laboratory

Overview of Testing for SARS-CoV-2 (COVID-19)

Summary of considerations and current CDC recommendations regarding SARS-CoV-2 testing. Date: 9/17/20 Audience: Health Departments, Healthcare Professionals, State and Local Government

Guidance for Reopening Buildings After Prolonged Shutdown or Reduced Operation

Ensure that your water system is safe to use after a prolonged shutdown to minimize the risk of Legionnaires' disease and other diseases associated with water. Date: 9/17/20 Audience: <u>Community Settings</u>, <u>Public Health Professionals</u>

COVID-19 Parental Resources Kit – Young Adulthood

Young adults' social, emotional, or mental well-being may be impacted by the pandemic. Learn what you can do to help ensure their well-being.

Date: 9/16/20

Audience: Colleges and Universities, General Public

COVID-19 Parental Resources Kit – Childhood

Children's social, emotional, or mental well-being maybe impacted by the pandemic. Learn what you can do to help ensure their well-being. Date: 9/15/20

Audience: <u>General Public</u>

Operational Considerations for Personal Protective Equipment in the Context of Global Supply Shortages for Coronavirus Disease 2019 (COVID-19) Pandemic: non-US Healthcare Settings

California Takes Action to Combat COVID-19

https://www.gov.ca.gov/california-takes-action-to-combat-covid-19/

State Data https://covid19.ca.gov/ https://update.covid19.ca.gov/#top https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/ncov2019.aspx#

New website and guidance "Safer Economy Blueprint"

https://covid19.ca.gov/safer-economy

Statewide industry guidance to reduce risk

https://covid19.ca.gov/industry-guidance/#top https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Guidance.aspx

Data models

https://covid19.ca.gov/data-and-tools/



Press Releases, Executive Orders, Media Advisories, Proclamations, and "On the Record" Column https://www.gov.ca.gov/newsroom/

Update for October 5, 2020

As of October 5, California has 826,784 confirmed cases of COVID-19, resulting in 16,149 deaths. The number of COVID-related deaths increased by 0.2 percent from the previous day's total of 16,120.

Updated October 5, 2020, with data from October 4, 2020.

Note: Numbers do not represent true day-over-day change as these results include cases from prior to yesterday.

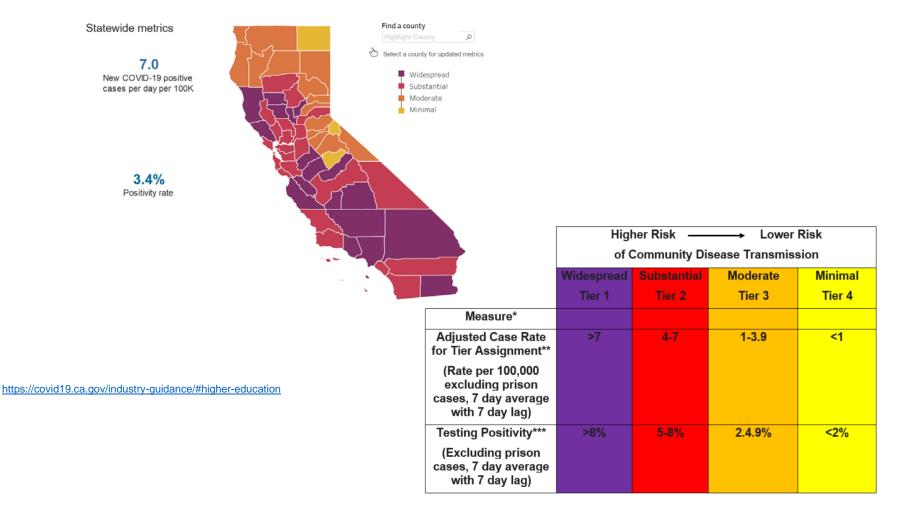


https://covid19.ca.gov/safer-economy



Current tier assignments as of September 29, 2020

All data and tier assignments are updated weekly every Tuesday.





State Officials Announce Latest COVID-19 Facts

October 5, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

October 4, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

October 3, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

October 2, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

October 1, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Equity Metric to More Effectively Fight COVID-19

September 30, 2020 – The California Department of Public Health (CDPH) today released the details regarding a health equity metric to help guide counties in their continuing efforts to more effectively fight COVID-19.

State Officials Announce Latest COVID-19 Facts

September 30, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.



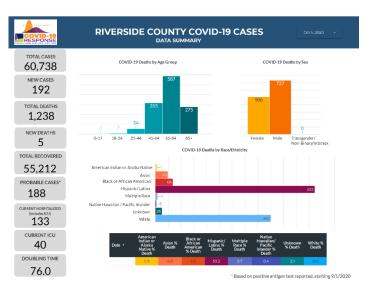
RUHS Public Health News:

- <u>Rental Assistance Pop-Up Event in Hemet on Oct. 7</u> October 5, 2020
- Riverside County enters state's red tier, more businesses resume indoor operations English / Spanish September 23, 2020
- Third round of business assistance grant applications to open Sept. 16 with expanded eligibility September 14, 2020
- More residents needed for COVID testing to slow the spread, move into red tier English / Spanish September 10, 2020
- Riverside County health officials urge residents to take precautions because of smoke, ash from fires English / Spanish September 8, 2020
- Continue coronavirus safety measures during holiday weekend September 3, 2020

Dashboard -Click here for more detailed city/community data and reports

Daily Epidemiology Summary updated 10-05-2020

https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/October/Dashboard/Public%20Daily_COVID-19_Updates%2010.05.20.pdf?ver=2020-10-05-151442-420×tamp=1601936105261





Weather

	ional Weathe an Diego, Cal		Weather Threats Outlook 11 AM PDT Monday, October 5, 2020						
County	Zone	Mon 10/5	Tue 10/6	Wed 10/7	Thu 10/8	Fri 10/9	Sat 10/10	Sun 10/11	
San Diego	Beach/Marine	Dense Fog	Dense Fog	None	None	None	None	None	
	Coast	Warm	None	None	None	None	None	None	
	Valleys	Very Warm	Warm	None	None	None	None	None	
	Mountains	Very Warm Fire Weather	Warm	Warm	Breezy	Breezy	Windy	Breezy	
	Deserts	Very Warm	Very Warm	Very Warm	Warm	None	Windy	None	
Orange	Beach	Dense Fog	Dense Fog	None	None	None	None	None	
	Coast	Warm	None	None	None	None	None	None	
	Inland	Warm	Warm	None	None	None	None	None	
	Mountains	Warm Fire Weather	None	None	None	None	None	None	
Riverside	Inland Empire	Very Warm	Warm	Warm	None	None	None	None	
	Mountains	Very Warm Fire Weather	Warm	Warm	Breezy	Breezy	Windy	Breezy	
	Desert	Very Warm Very Warm		Very Warm	Warm	None	Windy	None	
	Inland Empire	Very Warm	Warm	Warm	None	None	None	None	
San Bernardino	Mountains	Warm Fire Weather	Warm	Warm	Breezy	Breezy	Windy	Breezy Offshore	
	Desert	Very Warm	Very Warm	Very Warm	Warm	None	Windy	Breezy Offshore	
		Impact Threa	t Levels No	one Low	Medium	High Extra	eme		

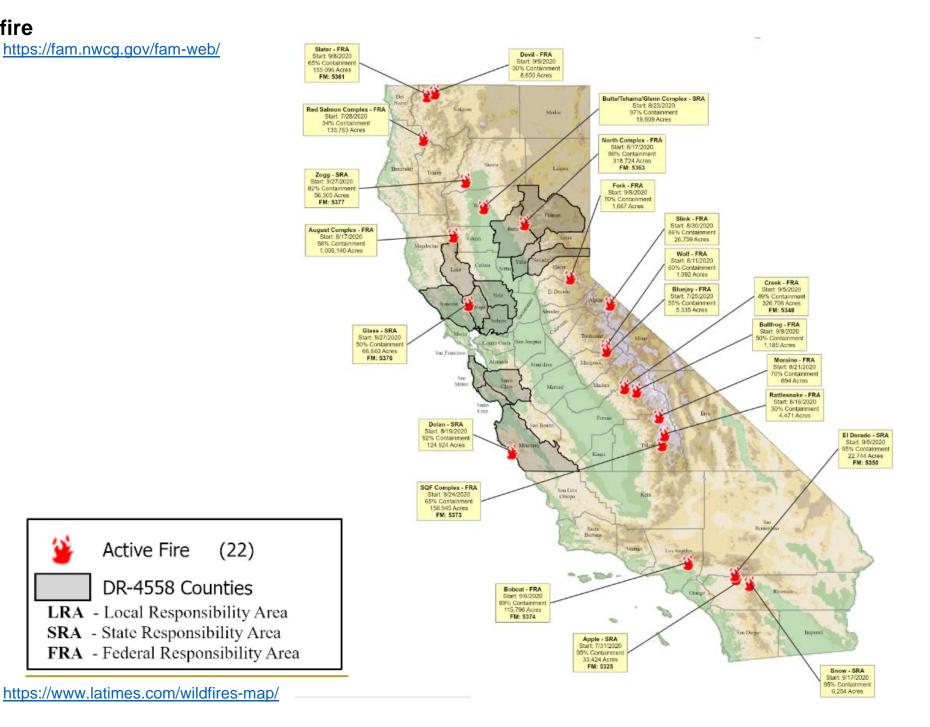
Latest hazard threat table: https://www.wrh.noaa.gov/sgx/event/dsstable.php

https://www.weather.gov/forecastpoints#

Wildfire

https://fam.nwcg.gov/fam-web/

Active Fire



Los Angeles Times

🗙 Active fire 🍥 Fire perimeter 🌖 Number of hotspots 🚿 Air pollution

