CORONAVIRUS UPDATE
SOUTHERN CALIFORNIA

**Extraordinary Assumptions: There are a lot of different data sources in this report not all of them 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

COVID-19 by the Numbers

9/30/2020	Riverside	Imperial*	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	58,570	10,777	31,481	268,404	52,633	53,501	46,736	3,567	9,121	12,812	807,425	7,129,313	33,441,919
New Cases	61	34	19	650	175	374	124	5	31	37	2,162	33,891	190,096
Total Cases Per Capita	2,458	5,980	3,565	2,658	1,663	2,505	1,415	1,267	2,055	1,511	2,062	2,158	435
New Cases Per Capita	3	19	2	6	6	18	4	2	7	4	6	10	2
Recovered	54,150	11,285	16,068	Not Reported	48,146	52,253	42,400	3,360	8,881	11,871	417,246	4,651,017	25,215,175
Total Deaths	1,206	317	369	6,515	1,216	925	776	29	113	150	15,640	204,598	1,003,497
New Deaths	17	0	0	1	0	0	0	0	0	0	32	270	3,406
Deaths Per Capita	50.60	175.90	41.79	64.52	38.43	43.32	23.49	10.30	25.47	17.69	39.95	61.93	13.06
Presumptive active cases	3,214	-825	15,044		3,271	323	3,560	178	127	791	374,539	2,273,698	7,223,247
% of State's Cases	7.25%	1.33%	3.90%	33.24%	6.52%	6.63%	5.79%	0.44%	1.13%	1.59%	11.33%	21.32%	
Currently in Hospitals	182	22	74	1,025	240	223	257	3	27	53	3,223		
Total Hospital Beds	3,322	259	1,304	19,925	5,626	3,831	6,770	451	666	1,244	66,972		
Currently in ICU	33	8	14	207	46	48	68	1	6	14	693		
ICU Beds Available	110	4	68	1,043	239	173	338	29	56	62	2,995		
Case Fatality Rate	2.1%	2.9%	1.2%	2.4%	2.3%	1.7%	1.7%	0.8%	1.2%	1.2%	1.9%	2.9%	3.0%
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%	0.24%	0.0928%	

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)

Information and News
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Wildfire
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Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

Information

JOHNS HOPKINS COVID-19 DASHBOARD Since the [early days of the COVID-19 pandemic](#), the [Johns Hopkins Coronavirus Resource Center](#), including the global and US [dashboards developed by the Center for Systems Science and Engineering](#) (CSSE), has served as a principal source of updated COVID-19 information for experts and the public around the world. COVID-19 data published via these resources are cited by elected officials, experts, and the media, often over officially reported data. On Wednesday, September 30 (4-5pm EDT), the Science and Entertainment Exchange (US National Academy of Sciences) will host a [webinar featuring several experts from across the Johns Hopkins University and Medicine system](#)—including the Center for Health Security's own Dr. Jennifer Nuzzo—to discuss the dashboard and the role of data in the COVID-19 response, including efforts to compile, analyze, and present data collected from a variety of disparate sources and ways that these data can and should be leveraged to support response operations at all levels of government.

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.

Chinese Citizens Are Already Receiving a Coronavirus Vaccine
https://www.newyorker.com/news/news-desk/the-november-surprise-of-chinas-coronavirus-vaccine

Germans embrace fresh air to ward off coronavirus
https://www.theguardian.com/world/2020/sep/30/germans-embrace-fresh-air-to-ward-off-coronavirus

$2.2 trillion HEROES Act would provide second round of stimulus checks
https://www.cbsnews.com/news/heroes-act-second-stimulus-check-2-2-trillion-house-bill/

Moderna climbs after saying COVID-19 vaccine generates antibodies in older adults
https://www.marketwatch.com/story/moderna-climbs-after-saying-covid-19-vaccine-generates-antibodies-in-older-adults-2020-09-30

Hundreds of thousands of airline jobs at risk, warns industry body
https://www.bbc.com/news/business-54334558

Disney to lay off 28,000 workers at its parks in California, Florida
https://www.foxla.com/news/disney-to-lay-off-28000-workers-at-its-parks-in-california-florida

Fires again ravage a California wine industry already reeling. 'It's very heartbreaking'
https://www.latimes.com/california/story/2020-09-30/napa-sonoma-wineries-destroyed-smoke-damage

These types of Riverside County businesses saw the most coronavirus outbreaks
https://www.pe.com/2020/09/29/these-types-of-riverside-county-businesses-saw-the-most-coronavirus-outbreaks/

One Good Thing
- Stories about the kindness of strangers and individuals who sacrifice for others.
  https://apnews.com/OneGoodThing & https://www.goodnewsnetwork.org/

Trends in Number of COVID-19 Cases in the US Reported to CDC, by State/Territory

USA
7,168,077
TOTAL CASES
+38,764 New Cases
CDC | Updated: Sep 30 2020 12:16PM

USA
205,372
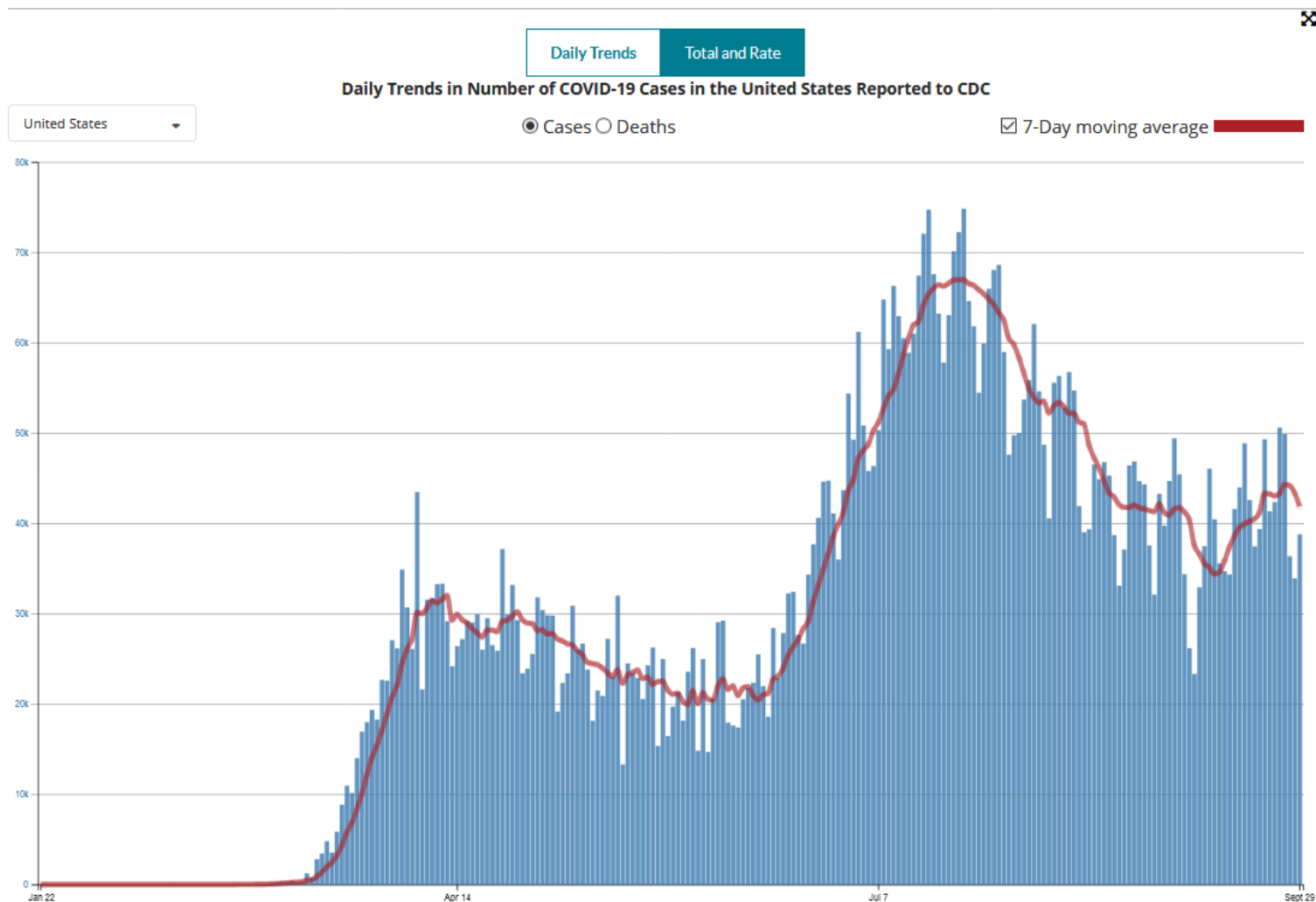**TOTAL DEATHS**
+774 New Deaths
CDC | Updated: Sep 30 2020 12:16PM

USA
2,166
Cases per 100,000 People
CDC | Updated: Sep 30 2020 12:16PM

Case Daily Trends - United States

Date ⇕	New Cases ⇕	7-Day Moving Avg ⇕
Sep 29 2020	38764	41870
Sep 28 2020	33891	43373
Sep 27		

CDC | Updated: Sep 30 2020 12:16PM

View Historic Case and Death Data

Daily Trends | Total and Rate

Daily Trends in Number of COVID-19 Cases in the United States Reported to CDC

United States ▼

○ Cases ○ Deaths   ☑ 7-Day moving average

COVID-19 Update

Situation: Upward trajectory in COVID-19 case count continues across 26 (+2) states/territories, with 13 (-2) states/territories in a plateau status, and 17 states/territories on a downward trajectory. 19,579 Federal employees deployed / activated; 1,465 FEMA employees deployed. *(COVID-19 SLB, as of Sep 28)*
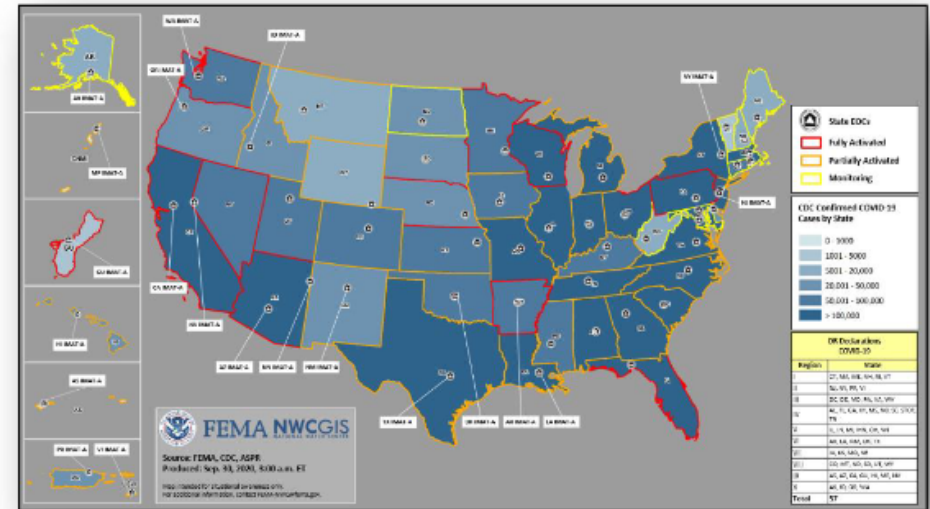
Nationwide Testing: 111,348,492 (+2,738,833) cumulative *(as of Sep 28)*

COVID-19 positive cases continue to increase globally
(CDC COVID-19 update as of Sep 28)

- Confirmed Cases of COVID-19
  - United States: 7,095,422 (+36,335)
  - Worldwide: 32,968,853 (+294,014)
  - Deaths caused by COVID-19
  - United States: 204,328 (+295)
  - Worldwide: 995,836 (+5,255)

Response:
- NRCC conducting COVID response operations
- Regions I, II, III, V, VI, & X RRCCs at Level III
- Regions IV, VII, VIII, & IX RRCCs are rostered
- Regions VII, VIII, & IX COVID-19 working from the Virtual JFO
- NWC, all RWCs, and MOCs are monitoring

CDC Guidance Documents

[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: [Community Settings](#), [Public Health Professionals](#)

[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: [Community Settings](#), [Public Health Professionals](#)

[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: [General Public](#)

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

Considerations for personal protective equipment (PPE) in the context of global supply shortages in non-US healthcare settings.
Date: 9/14/20
Audience: Healthcare Facilities, Healthcare Professionals

[Guidance for General Population Disaster Shelters During a Pandemic](#)
Date: 9/14/20
Audience: Colleges and Universities, First Responders, Healthcare Facilities, Healthcare Professionals, High-Risk Populations, Public Health Professionals, Schools, State and Local Government

[Interim Operational Considerations for Public Health Management of Healthcare Workers Exposed to or with Suspected or Confirmed COVID-19: non-U.S. Healthcare Settings](#)
These recommendations are intended to be used by healthcare facilities and public health authorities in non-US healthcare settings, particularly focusing on low- and middle-income countries, assisting with the management of HCWs exposed to a person with confirmed or suspected COVID-19.
Date: 9/11/20
Audience: Healthcare Facilities, Healthcare Professionals

[Know When to Delay your Travel to Avoid Spreading COVID-19](#)
Advice on when and how long people should delay their domestic or international travel to avoid spreading COVID-19.
Date: 9/10/20
Audience: Travel

[Additional COVID-19 Guidance for Caregivers of People Living with Dementia in Community Settings](#)
People caring for loved ones with dementia can take steps to prevent illness and stay healthy during the COVID-19 pandemic.
Date: 9/10/20
Audience: High-Risk Populations

[Implementing Safety Practices for Critical Infrastructure Workers Who May Have Had Exposure to a Person with Suspected or Confirmed COVID-19](#)
Find CDC's guidance for critical workers on how to protect workers who may have been exposed to COVID-19.
Date: 9/10/20
Audience: Businesses

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/

Office of Governor GAVIN NEWSOM

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

California COVID-19 By The Numbers

September 29, 2020
Numbers as of September 28, 2020

CALIFORNIA COVID-19 SPREAD

807,425 (+2,162)
CASES

Ages of Confirmed Cases
- 0-17: 83,695
- 18-49: 484,115
- 50-64: 152,456
- 65+: 86,274
- Unknown/Missing: 885

Gender of Confirmed Cases
- Female: 407,312
- Male: 393,417
- Unknown/Missing: 6,696

15,640 (+32)
Fatalities

Hospitalizations

Confirmed COVID-19
2,392/693
Hospitalized/in ICU

Suspected COVID-19
831/135
Hospitalized/in ICU

For county-level hospital data:
bit.ly/hospitalsca

Your actions save lives.

For county-level data:
data.chhs.ca.gov

covid19.ca.gov

CALIFORNIA ALL
Your Actions Save Lives
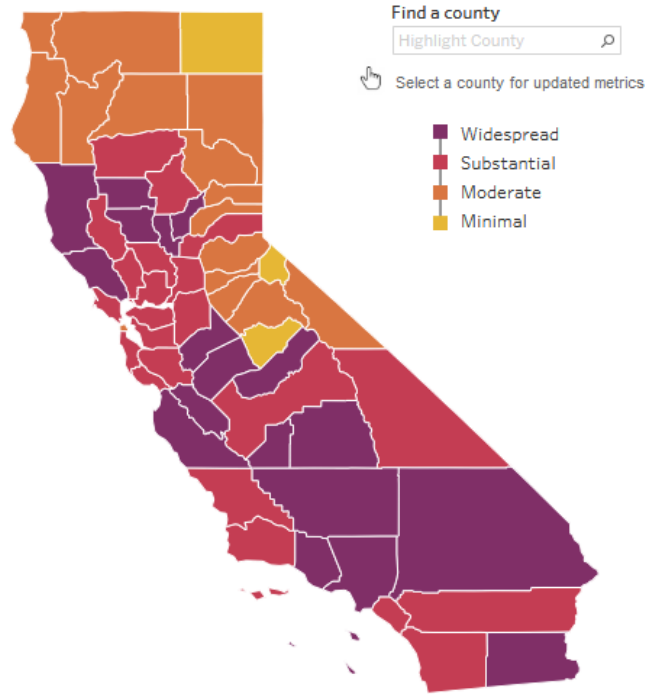covid19.ca.gov

California Department of PublicHealth

Current tier assignments as of September 29, 2020

All data and tier assignments are updated weekly every Tuesday.

Statewide metrics

7.0
New COVID-19 positive cases per day per 100K

3.4%
Positivity rate

Find a county

Highlight County

Select a county for updated metrics

- Widespread
- Substantial
- Moderate
- Minimal

https://covid19.ca.gov/industry-guidance/#higher-education

	Higher Risk ⟶ Lower Risk			
	of Community Disease Transmission			
	Widespread Tier 1	**Substantial** Tier 2	**Moderate** Tier 3	**Minimal** Tier 4
Measure*				
Adjusted Case Rate for Tier Assignment** (Rate per 100,000 excluding prison cases, 7 day average with 7 day lag)	>7	4-7	1-3.9	<1
Testing Positivity*** (Excluding prison cases, 7 day average with 7 day lag)	>8%	5-8%	2.4.9%	<2%

State Officials Announce Latest COVID-19 Facts

September 28, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

September 27, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

September 26, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

September 25, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

September 24, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

September 23, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

September 22, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

Riverside County Data

https://www.rivcoph.org/coronavirus

RUHS Public Health News:

- 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
- Cool centers open during heatwave, COVID testing sites to close for the weekend English / Spanish - September 3, 2020
- Riverside County reports first flu-related death of 2020-21 influenza season English / Spanish - September 2, 2020
- Riverside County Takes Action to Address Suicide, Celebrate Recovery - September 1, 2020
- Slow the spread through social media and creative arts challenges English / Spanish - September 1, 2020
- Health officials report first case of MIS-C in child from western Riverside County English / Spanish - September 1, 2020
- Adjusting Permitted Sector Activities - August 31, 2020

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

New dashboard
Click here for more detailed city/community data and reports
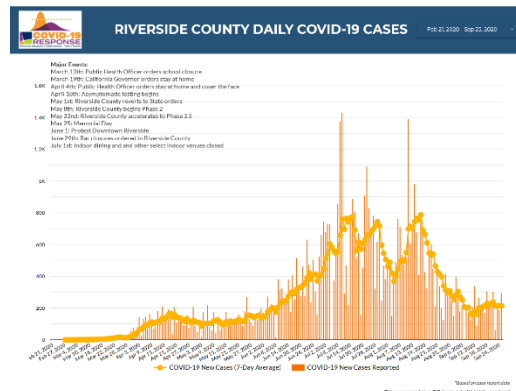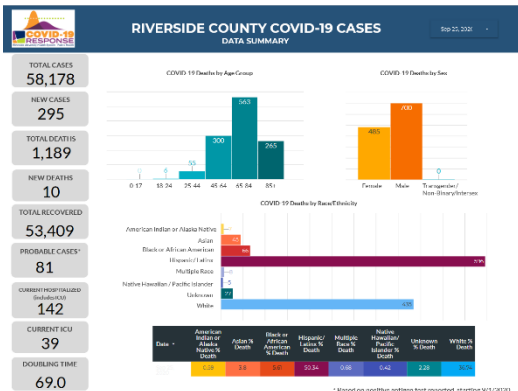
Daily Epidemiology Summary updated 09-29-2020
https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/September/Dashboard/5/Public%20Daily_COVID-19_Updates%209.29.20.pdf?ver=2020-09-29-150358-497&timestamp=1601417187153

Weather

National Weather Service
San Diego, California

Weather Threats Outlook
11 AM PDT Wednesday, September 30, 2020

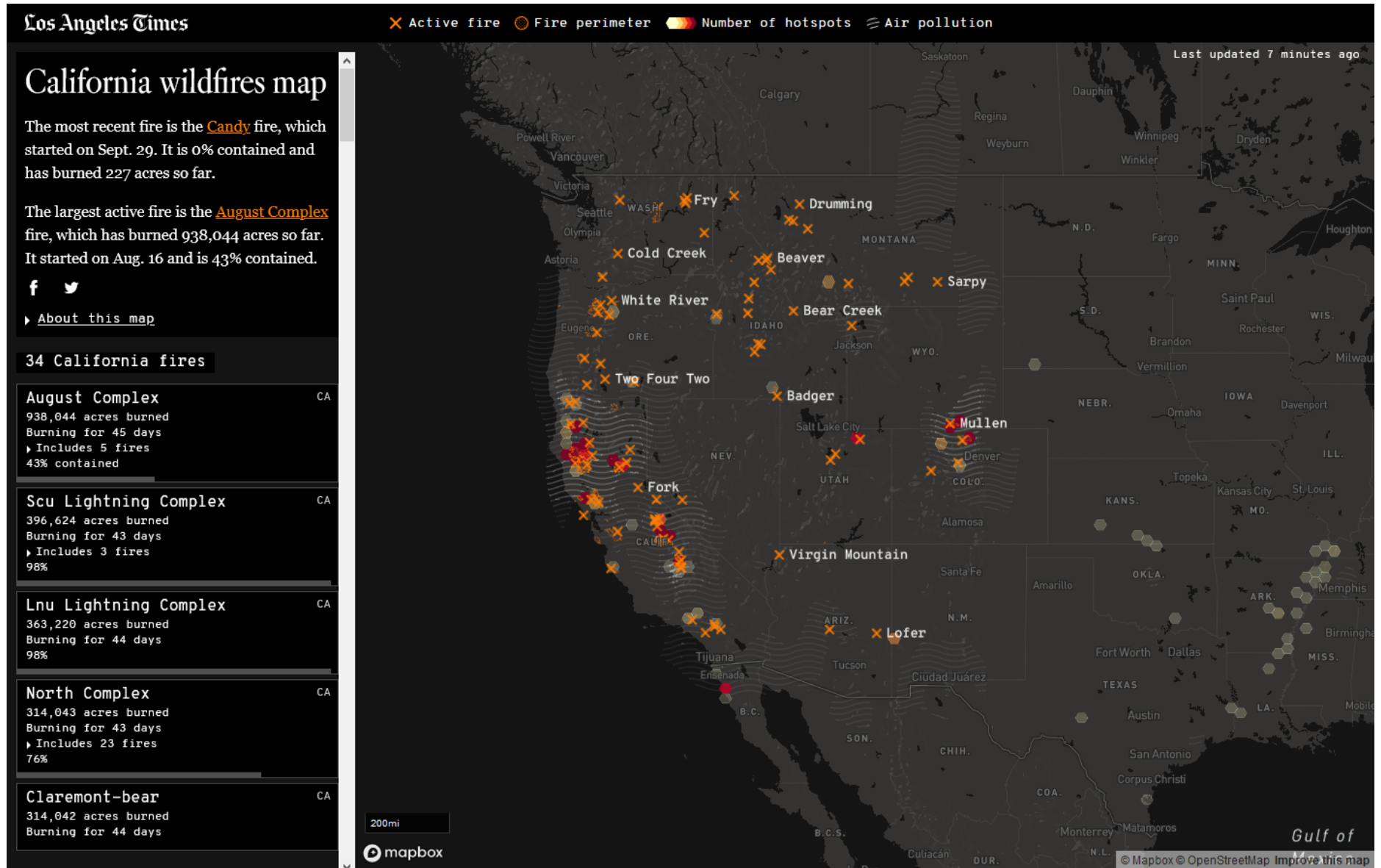| County	Zone	Wed 9/30	Thu 10/1	Fri 10/2	Sat 10/3	Sun 10/4	Mon 10/5	Tue 10/6
San Diego	Beach/Marine	Very Warm	Very Warm	Warm	Warm	None	None	None
	Coast	Hot	Very Warm	Warm	Warm	Warm	None	None
	Valleys	Hot Fire Weather	Hot Fire Weather	Very Warm	Very Warm	Warm	Warm	Warm
	Mountains	Very Warm Fire Weather	Very Warm Fire Weather	Very Warm Fire Weather	Very Warm Fire Weather	Fire Weather Warm	Fire Weather Warm	Fire Weather Warm
	Deserts	Hot	Hot	Hot	Hot	Hot	Hot	Hot
Orange	Beach	Very Warm	Warm	Warm	Warm	None	None	None
	Coast	Hot	Very Warm	Warm	Warm	Warm	None	None
	Inland	Hot	Very Warm	Very Warm	Warm	Warm	None	None
	Mountains	Very Warm Fire Weather	Very Warm Fire Weather	Warm Fire Weather	Warm Fire Weather	Warm Fire Weather	Warm Fire Weather	Warm Fire Weather
Riverside	Inland Empire	Hot Fire Weather	Hot Fire Weather	Hot Fire Weather	Very Warm	Very Warm	Warm	Warm
	Mountains	Very Warm Fire Weather	Very Warm Fire Weather	Very Warm Fire Weather	Very Warm Fire Weather	Warm Fire Weather	Warm Fire Weather	Warm Fire Weather
	Desert	Hot	Hot	Hot	Hot	Hot	Hot	Hot
San Bernardino	Inland Empire	Hot Fire Weather	Hot Fire Weather	Hot Fire Weather	Very Warm	Very Warm	Warm	Warm
	Mountains	Warm Fire Weather	Warm Fire Weather	Warm Fire Weather	Warm Fire Weather	Fire Weather	Fire Weather	Fire Weather
	Desert	Very Warm	Very Warm	Very Warm	Very Warm	Warm	Warm	Warm

Impact Threat Levels: None | Low | Medium | High | Extreme

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

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

Wildfire

https://www.latimes.com/wildfires-map/

Active Fire Summary as of September 30, 2020, at 0700 Hours:

Incident Name (County)	Acres	% Contained	Total Structures (TS) and Residential Structures (RS)					
			THREATENED		DAMAGED		DESTROYED	
			TS	RS	TS	RS	TS	RS
Apple Fire (Riverside)	33,424	95%	0	0	6	4	13	4
August Complex Fire (Glenn, Lake, Mendocino, Tehama, Trinity, Humboldt)	949,055 (+11,011)	47% (+4%)	11,712	11,310	5	2	203	173
Blue Jay (Mariposa)	4,488	50%	0	0	0	0	1	0
Bobcat (Los Angeles)	114,202	62%	6,235	6,076	47	28	163	83
Bullfrog (Fresno)	1,185	50%	0	0	0	0	0	0
Butte/Tehama/Glenn Lightning Complex	19,609	97%	0	0	0	0	0	0
Creek (Fresno, Madera)	307,051 (+1,811)	44%	4,576	4,576	71	44	855	566
Devil (Siskiyou)	8,410	20%	0	0	0	0	0	0
Dolan Fire (Monterey)	124,924 (-3,493)	85%	382	182	4	4	19	14
El Dorado (San Bernardino, Riverside)	22,744	93%	252	225	4	4	20	5
Fork (El Dorado)	1,667	70%	103	88	0	0	0	0
Glass Fire (Napa)	48,440 (+1,840)	2%	22,553 (+243)	21,788 (+228)	2	1	113	80
LNU Lightning Complex Fire (Napa, Solano, Sonoma, Lake, Yolo)	363,220	98%	0	0	213	112	1,479	788
Martindale (Los Angeles)*	-	-	0	0	0	0	0	0
Moraine (Tulare)	668	70%	0	0	0	0	0	0
North Complex Fire (Plumas, Butte)	314,949 (+5,954)	79% (+3%)	10,330 (+330)	10,000	113	51	2,342	1,523
Rattlesnake (Tulare)	4,070	0%	0	0	0	0	0	0
Red Salmon Complex Fire (Humboldt)	120,236	31%	3,850	1,570	0	0	0	0
SCU Lightning Complex Fire (Alameda, Contra Costa, Santa Clara, Stanislaus, Merced, San Joaquin)	396,624	98%	0	0	26	20	224	136
Slater (Siskiyou)	154,145	45%	150	150	11	10	440	202
Slink (Mono)	26,759	80% (-6%)	31	15	0	0	2	0
Snow (Riverside)	6,254	95%	0	0	0	0	0	0
SQF Complex (Tulare)	151,426 (-743)	61% (+3%)	0	0	12	10	232	173
Wolf (Tuolumne)	1,087	35%	0	0	0	0	0	0
Woodward Fire (Marin)	4,929	97%	23	3	0	0	0	0
Zogg Fire (Shasta)	51,995 (+1,893)	7% (+7%)	1,538	1,538	0	0	146	79

	Acres		THREATENED		DAMAGED		DESTROYED	
Total: 26 (-1)	3,231,561 (+18,273)	-	61,735 (+573)	57,521 (+228)	514	290	6,252	3,826

*209 not available yet.

Fully Contained Fire Summary as of September 30, 2020, at 0700 Hours:

Incident Name (County)	Acres	% Contained	Total Structures and Residential Structures					
			THREATENED		DAMAGED		DESTROYED	
			TS	RS	TS	RS	TS	RS
CZU Lightning Complex Fire (San Mateo, Santa Cruz)	86,509	100%	0	0	146	96	1,484	925
Fox (Siskiyou)	2,188	100%	37	36	0	0	0	0
Lake Fire (Los Angeles)	31,089	97%	0	0	6	3	33	12
Valley (San Diego)	17,093	95%	0	0	11	6	64	30
Total: 4 (+1)	136,879	-	37	36	163	105	1,581	967

Grand Total Fire Summary of Active/Contained Fires:

Number of Fires	Grand Total Acres	Grand Total Structures and Residential Structures					
		THREATENED		DAMAGED		DESTROYED	
		TS	RS	TS	RS	TS	RS
30	3,368,440 (+18,273)	61,772 (+573)	57,557 (+228)	677	395	7,833	4,793