****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

Daily Situation Summary
Tuesday, September 15, 2020
As of 10:00 AM

COVID-19 by the Numbers

09/15/2020	Riverside	Imperial	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	55,488	10,340	30,344	254,622	50,149	50,163	42,889	3,248	8,692	11,903	760,013	6,503,030	29,155,581
New Cases	253	36	67	672	88	195	208	8	2	48	2,235	35,549	233,014
Total Cases Per Capita	2,328	5,738	3,436	2,521	1,585	2,349	1,299	1,154	1,959	1,403	1,941	1,969	380
New Cases Per Capita	11	20	8	7	3	9	6	3	0	6	6	11	3
Recovered	50,589	10,770	14,366	Not Reported	45,396	45,601	37,870	3,048	8,450	10,720	378,383	4,029,785	21,350,581
Total Deaths	1,118	308	332	6,231	1,093	832	734	26	106	135	14,451	193,705	926,544
New Deaths	15	0	0	23	0	0	0	3	1	6	66	510	4,245
Deaths Per Capita	46.91	170.91	37.60	61.70	34.54	38.96	22.22	9.24	23.89	15.92	36.91	58.65	12.07
Presumptive active cases	3,781	-738	15,646		3,660	3,730	4,285	174	136	1,048	367,179	2,279,540	6,878,456
% of State's Cases	7.30%	1.36%	3.99%	33.50%	6.60%	6.60%	5.64%	0.43%	1.14%	1.57%	11.69%	**22.30%**	
Currently in Hospitals	204	21	81	1,147	252	239	273	9	32	64	3,735		
Total Hospital Beds	3,342	259	1,297	19,858	5,480	3,828	6,604	451	666	1,215	66,431		
Currently in ICU	49	6	20	244	67	63	76	4	8	19	902		
ICU Beds Available	95	6	55	1,023	268	148	322	23	62	49	2,915		
Case Fatality Rate	2.0%	3.0%	1.1%	2.4%	2.2%	1.7%	1.7%	0.8%	1.2%	1.1%	1.9%	3.0%	3.2%
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	330,249,194	**7,679,405,000**
% of Population	6.09%	0.46%	2.26%	25.79%	8.08%	5.45%	8.44%	0.72%	1.13%	2.17%	0.23%	**0.0847%**	

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 More detail on page **2**
US Data More detail on page **7**
Riverside County Data More detail on page **17**
Wildfire More detail on page **12**
Global Data More detail on page **5**
State Data More detail on page **14**
Weather More detail on page **18**
Air Quality Index More detail on page **32**

Prepared by Justin Czerniak
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News

South Korea's defiant churches face backlash for hampering COVID-19 response

- South Korea's latest COVID-19 outbreak has triggered a public backlash against conservative Christian churches for defying government orders aimed at preventing the disease's spread.
- At least a third of the 4,500 COVID-19 cases confirmed in the greater Seoul area over the past three weeks have been traced to church members and others who attended a Aug. 15 anti-government rally, the country's largest cluster in months.
- Authorities said quelling the outbreak was hampered by some 650 church members and 7,700 protesters avoiding or refusing testing as of Tuesday, and more than 300 congregations breaching a ban on in-person gatherings.
- Mainstream Christian figures and conservative opposition lawmakers have criticised the Sarang Jeil Church at the centre of the latest COVID-19 outbreak and other churches for spreading fake news, aggravating the COVID-19 outbreak and depleting public resources.
- "The churches face a backlash because they now serve as more of a political group rather than a community of faith. And with their political inclination, they are seen confronting the government which is spearheading the battle against the coronavirus," said Kwon Yon-gyong, a professor of Christian studies at Soongsil University in Seoul.
  https://www.reuters.com/article/us-health-coronavirus-southkorea-church/south-koreas-defiant-churches-face-backlash-for-hampering-covid-19-response-idUSKBN25Z1MU

Nigerian health workers strike over coronavirus allowance

- Nigerian health workers demanding the payment of a hazard allowance for treating coronavirus patients have gone on strike only a week after doctors in Africa's most populous country staged a walk out.
- The Joint Health Service Unions (JOHESU) - representing medical staff such as nurses, midwives and radiologists - said the strike, which began on Monday, would last for seven days. Doctors across the country however will continue to work.
- The trade union's demands include life insurance for its members, full access to protective equipment and pay structure adjustments. The JOHESU said it would launch an indefinite strike if the demands are not met within the next week.
  https://www.reuters.com/article/us-health-coronavirus-nigeria-healthcare/nigerian-health-workers-strike-over-coronavirus-allowance-idUSKBN26612P

Millions of African children rely on TV education during pandemic

- The television has replaced teachers and classmates after the government shut schools indefinitely in March to curb the spread of the novel coronavirus. They are closed until at least January.
- Many children don't have the option to learn online - the United Nations children's agency UNICEF says at least half of sub-Saharan Africa's schoolchildren do not have internet access.
- Five-year-old Kenyan student Miguel Munene sits between his parents, holding their hands as he watches cartoon characters teaching him to pronounce "fish". So some, like Munene, watch a cartoon made by Tanzanian non-profit organisation Ubongo, which offers television and radio content for free to African broadcasters.
  https://www.reuters.com/article/us-health-coronavirus-africa-education/millions-of-african-children-rely-on-tv-education-during-pandemic-idUSKBN26619O

Defying fatwa, Iraqis flock to COVID cemetery to exhume dead, re-bury elsewhere

- It took Abu Haider and his relatives several hours to dig up his nephew's grave and exhume the body at a cemetery in the southern Iraqi city of Najaf built especially for COVID-19 victims. When they had finished, they shrouded the body in white sheets, loaded it on to the back of a pickup truck and set off to re-inter it in Najaf's old "Valley of Peace" graveyard, the traditional resting place for Iraq's Shi'ites.
- In doing so, Abu Haider is not only reliving the pain of losing a loved one to the coronavirus. He is also defying an order from religious leaders who consider the new cemetery to be a legitimate burial place
- Abu Haider, a practicing Shi'ite, said he had no choice but to defy the edict. "We didn't see our dead, the coronavirus victims, we were not allowed to be with them, they were buried quite randomly," he told Reuters, after driving more than 300 km (186 miles) from Maysan province in eastern Iraq to move his nephew's remains. The old cemetery is where members of his family have been buried for generations.
- Rashid al-Husseini, a representative of Iraq's top Shi'ite cleric, Grand Ayatollah Ali al-Sistani, was critical of people moving corpses.
- "We must not dig up Muslim graves, this is clear among religious leaders, in their positions and in their books," he said.
- Despite resistance from the highest Shi'ite authority, dozens of families have moved relatives' remains from the new burial ground to the old, hoping they will never have to set foot in what they call "the coronavirus cemetery" again.
  https://www.reuters.com/article/us-health-coronavirus-iraq-exhumation/defying-fatwa-iraqis-flock-to-covid-cemetery-to-exhume-dead-re-bury-elsewhere-idUSKBN2662J6

NIH awards contracts to develop innovative digital health technologies for COVID-19

- The National Institutes of Health has awarded seven contracts to companies and academic institutions to develop digital health solutions that help address the COVID-19 pandemic. The work could lead to user-friendly tools such as smartphone apps, wearable devices, and software that can identify and trace contacts of infected individuals, keep track of verified COVID-19 test results, and monitor the health status of infected and potentially infected individuals.
- The National Cancer Institute (NCI) and the National Institute of Biomedical Imaging and Bioengineering (NIBIB), both part of NIH, selected the seven projects from nearly 200 different ideas.
- "The tools these organizations plan to develop could allow us to use containment efforts, like COVID-19 testing, social distancing, and quarantine, precisely when and where they're needed. That might let more people return to less restricted living and reduce the risk of devastating local outbreaks," said NCI Director Norman E. "Ned" Sharpless, M.D. "We are working as quickly as possible to help businesses and universities develop innovative tools to achieve this goal."
- "Digital health technologies built around smartphones and wearable devices will play an essential role in guiding us through the COVID-19 pandemic," said NIBIB Director Bruce J. Tromberg, Ph.D. "These platforms can acquire large amounts of data from many different sources spanning from testing technologies to sensors. When this information is analyzed using cutting-edge computational and machine learning methods, everyone will have access to powerful new tools for reducing the risk of infection and returning to normal activities."
  https://www.nih.gov/news-events/news-releases/nih-awards-contracts-develop-innovative-digital-health-technologies-covid-19

Over 75% of COVID-19 Hotspots Are in College Towns

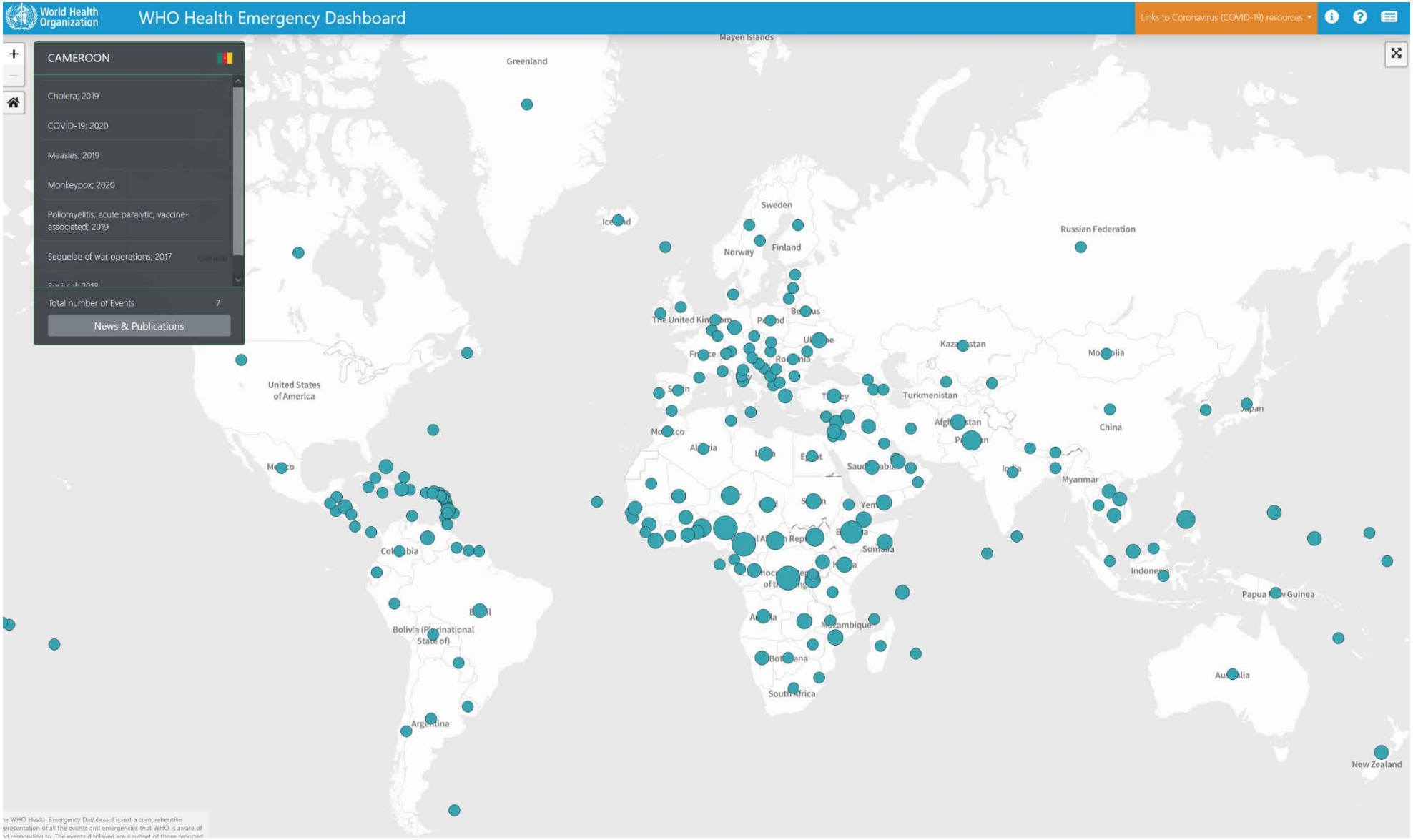
- Although U.S. colleges continue to attempt to keep coronavirus outbreaks at bay, recent data suggests COVID-19 cases on college and university campuses are fueling the nation's hottest outbreaks.
- Universities that brought students back to campus have been linked to more than 50,000 infections, reports AXIOS. According to data collected by USA Today, of the 25 current worst outbreaks in the U.S., communities with a large number of college students represent 19 of them. The most severe is in Harrisonburg, Virginia, which is home to James Madison University. There are currently an estimated 1,562 cases per 100,000 people. The campus has an estimated enrollment of nearly 20,000 undergraduate students
- In Lafayette County, Mississippi, which is home to the University of Mississippi and currently fifth on the list of counties with the worst outbreaks, a June outbreak in the town of Oxford was tied to Greek life recruitment parties.
- At the University of Alabama, more than 630 students and three student organizations have received sanctions for violating the school's COVID-19 regulations. Of those, 33 were issued notices which suspend the students "from campus while their conduct cases proceed through due process."
- The University of Tennessee, which had approximately 600 active cases as of last Monday and currently has more than 2,100 people in quarantine or self-isolation, secured an additional hotel to use as isolation space for students living on campus who test positive. "We need more isolation spaces. This hotel is not going to be enough. And we are in the process of creating more isolation space on campus," Chancellor Donde Plowman said during a live stream Tuesday.
- With the unfavorable trajectory for so many campuses across the country has led to some schools extending their virtual learning. The California State University System, which was one of the first to choose to cancel in-person classes for the Fall 2020 semester, announced Thursday that all 23 campuses will continue with coursework primarily delivered virtually for the academic term beginning January 2021.
- "After extensive consultation with campus presidents and other stakeholders, and careful consideration of a multitude of factors – regarding the pandemic and its consequences, as well as other matters impacting the university and its operations – I am announcing that the CSU will continue with this primarily virtual instructional approach for the academic term that begins in January 2021, and also will continue with reduced populations in campus housing," CSU Chancellor Timothy P. White wrote in a message to the campus community. "This decision is the only responsible one available to us at this time. And it is the only one that supports our twin North Stars of safeguarding the health, safety and well-being of our faculty, staff, students and communities, as well as enabling degree progression for the largest number of students."
  https://www.campussafetymagazine.com/university/covid-19-hotspots-college-towns/

One Good Thing

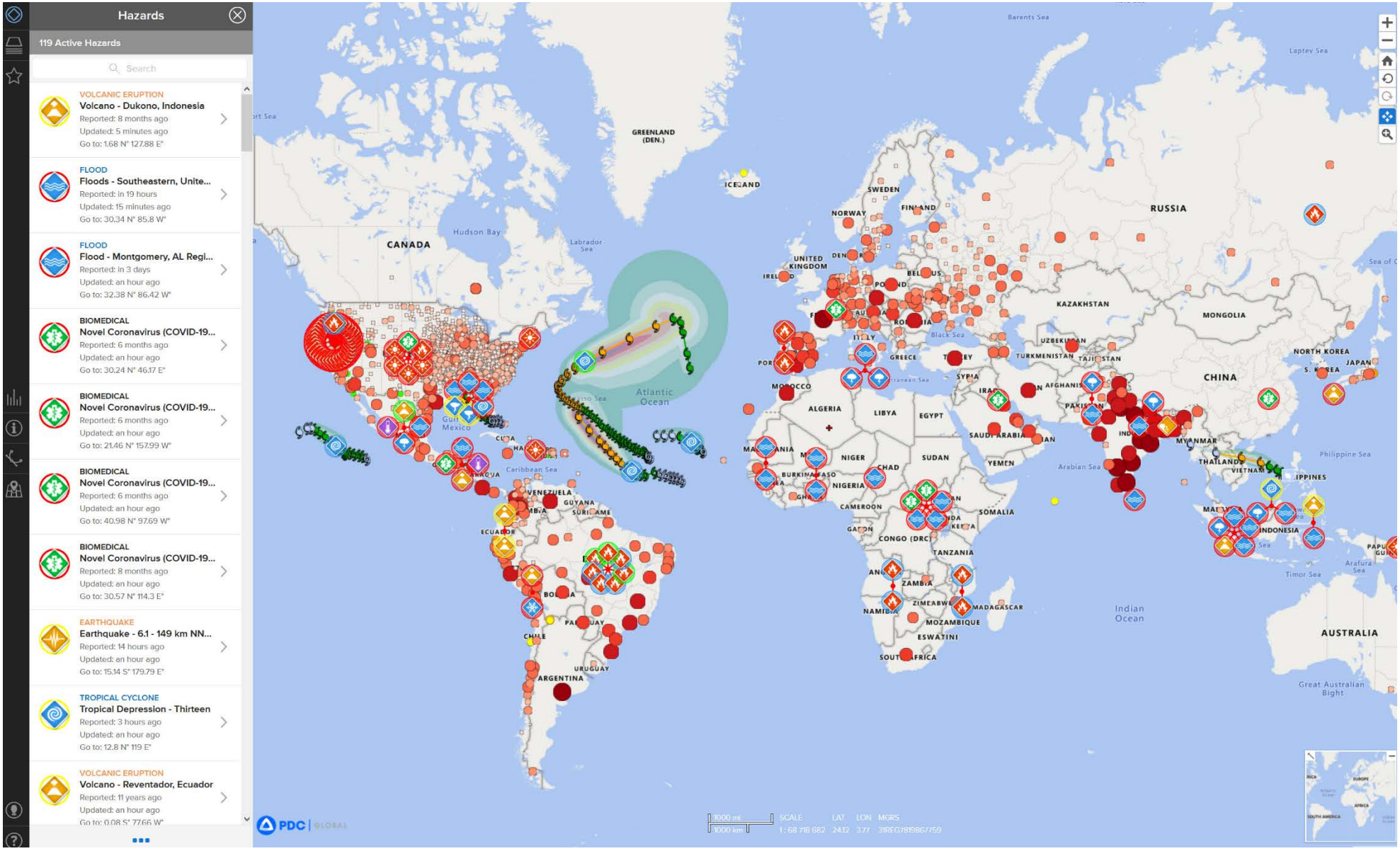
- Stories about the kindness of strangers and individuals who sacrifice for others.
  https://apnews.com/OneGoodThing & https://www.goodnewsnetwork.org/

Global Data

https://extranet.who.int/publicemergency



https://disasteralert.pdc.org/disasteralert/



U.S. Data

https://covid.cdc.gov/covid-data-tracker/#social-impact

Social Impact COVID-19 Events in the United States

17 EVENTS
Past 24 hours

Map of news reports related to social impact events resulting from the COVID-19 outbreak in the United States, such as school closures, localized outbreaks, state of emergency declarations, etc.

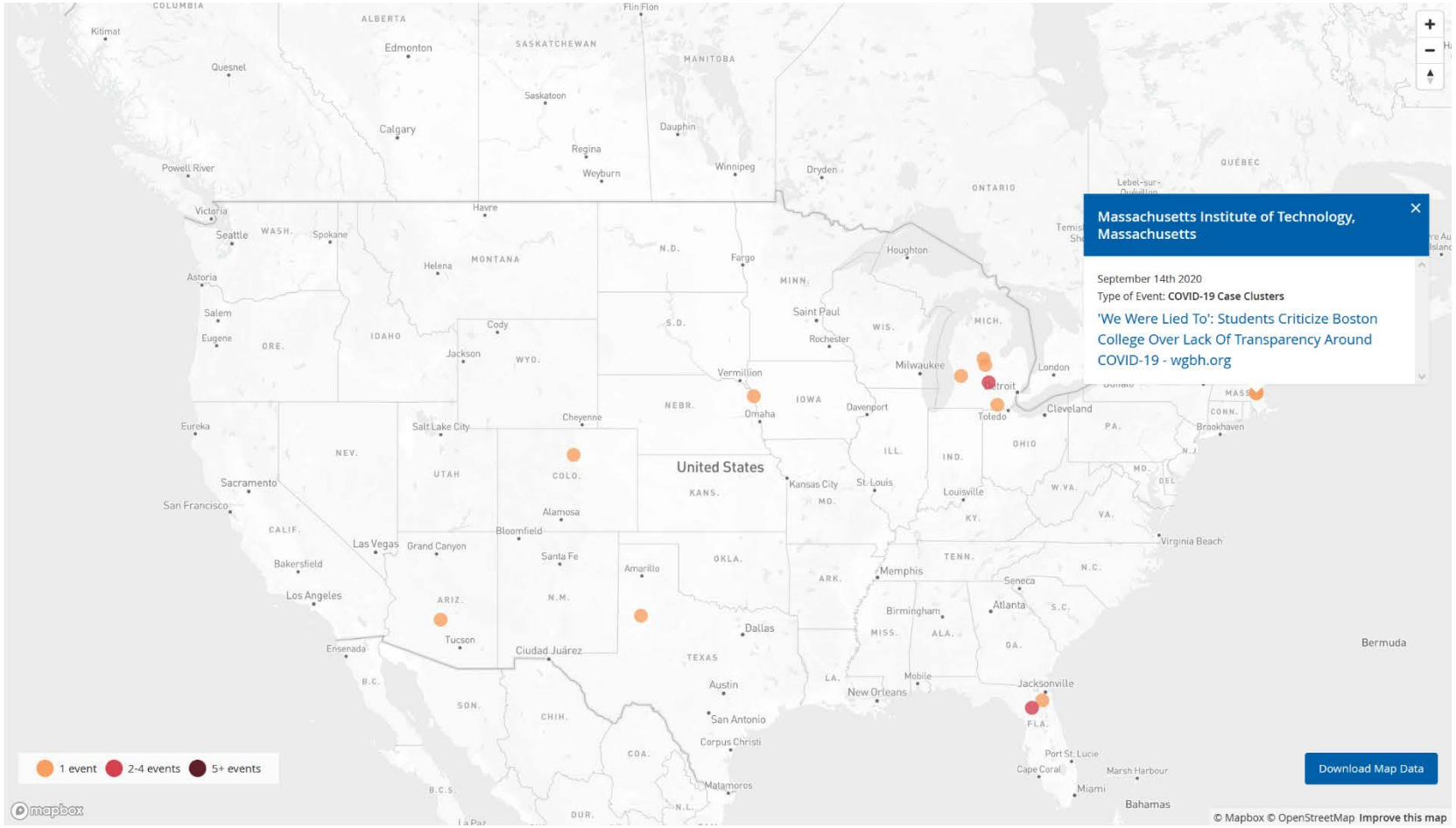
DATE RANGE

Past 24 hours

TYPE OF EVENT ?

COVID-19 Case Clusters

About this Map | Developed by HealthMap



Social Impact COVID-19 Events in the United States

17 EVENTS
Past 48 hours

Map of news reports related to social impact events resulting from the COVID-19 outbreak in the United States, such as school closures, localized outbreaks, state of emergency declarations, etc.

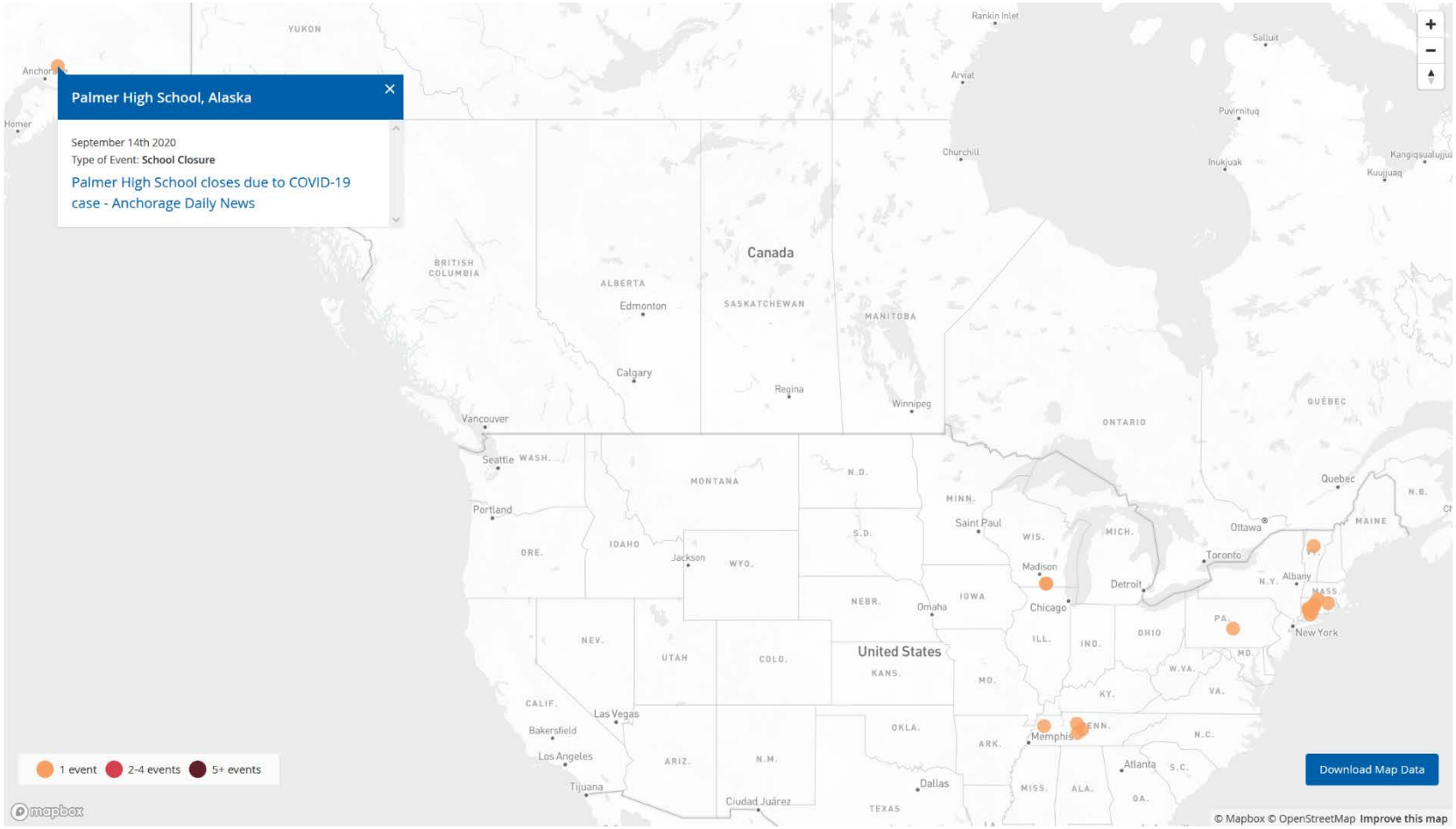
DATE RANGE

Past 48 hours

TYPE OF EVENT ?

School Closure

About this Map | Developed by HealthMap



USA

6,503,030

TOTAL CASES

+35,549 Cases since yesterday

CDC | Updated: Sep 14 2020 12:16PM

USA

193,705

TOTAL DEATHS

+510 Deaths since yesterday

CDC | Updated: Sep 14 2020 12:16PM

USA

241,814

Cases in Last 7 Days

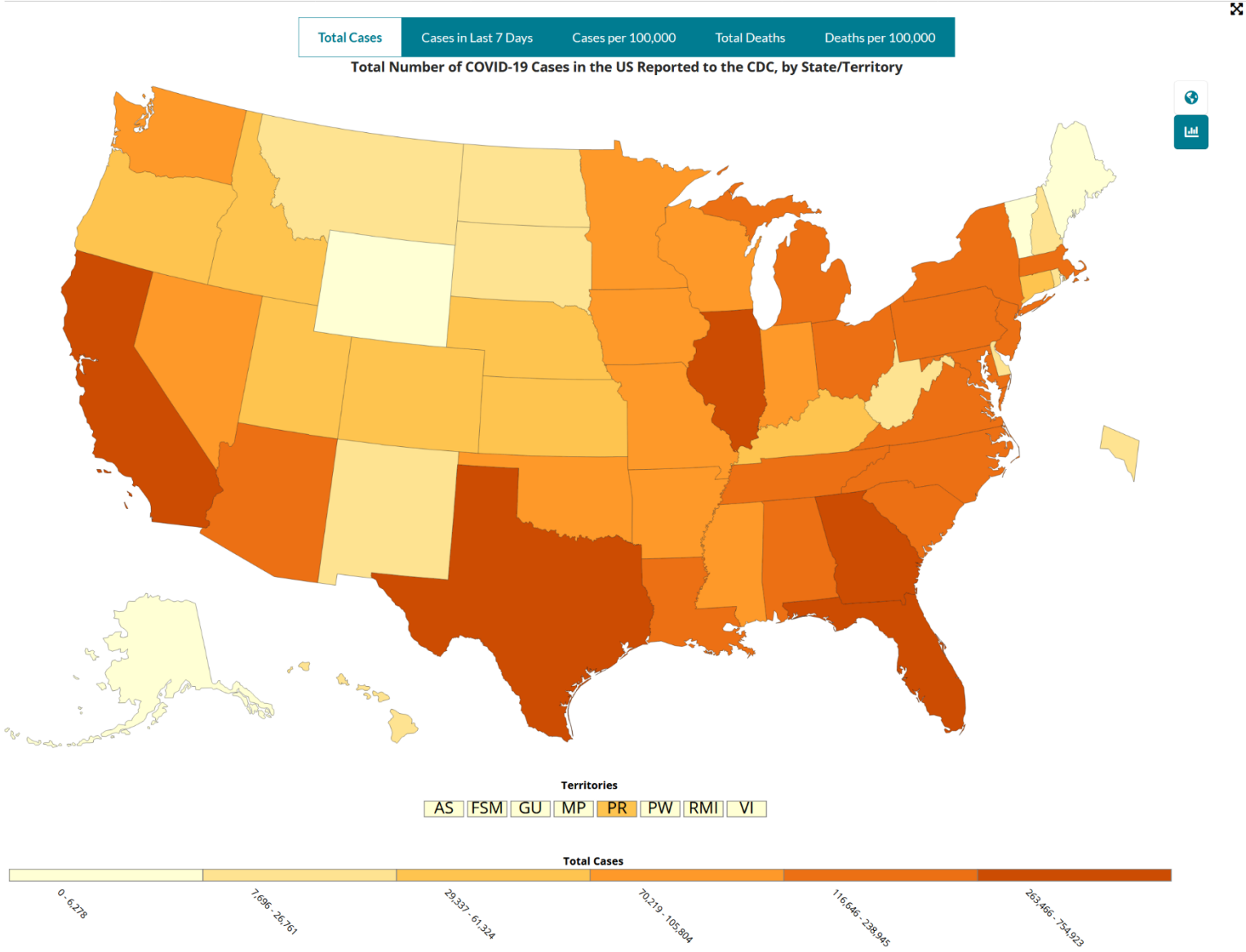
CDC | Updated: Sep 14 2020 12:16PM

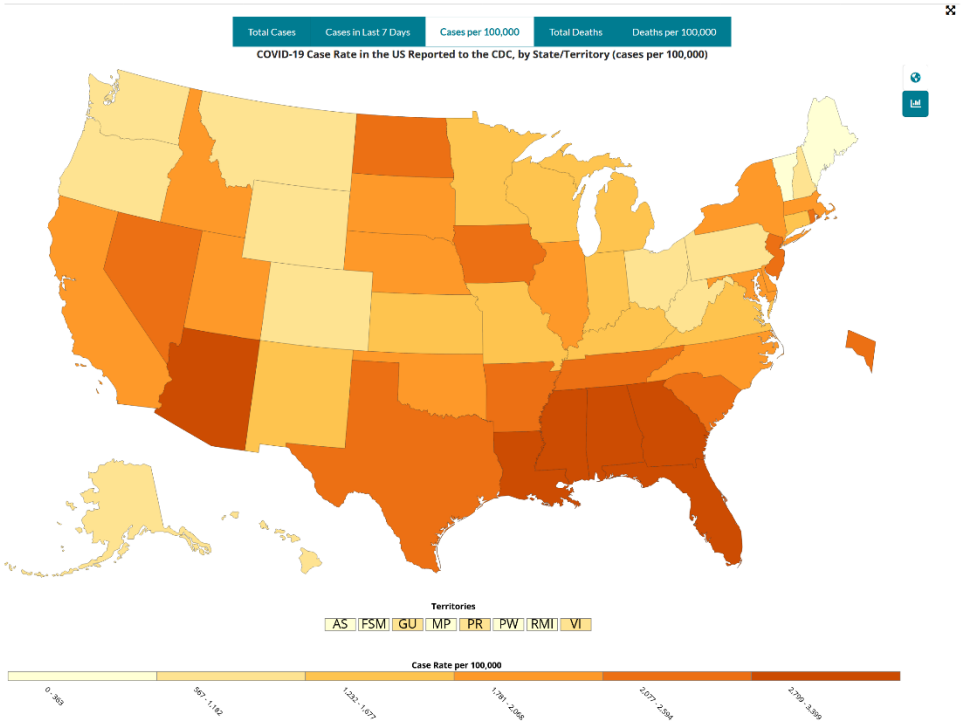
Total Cases by State/Territory

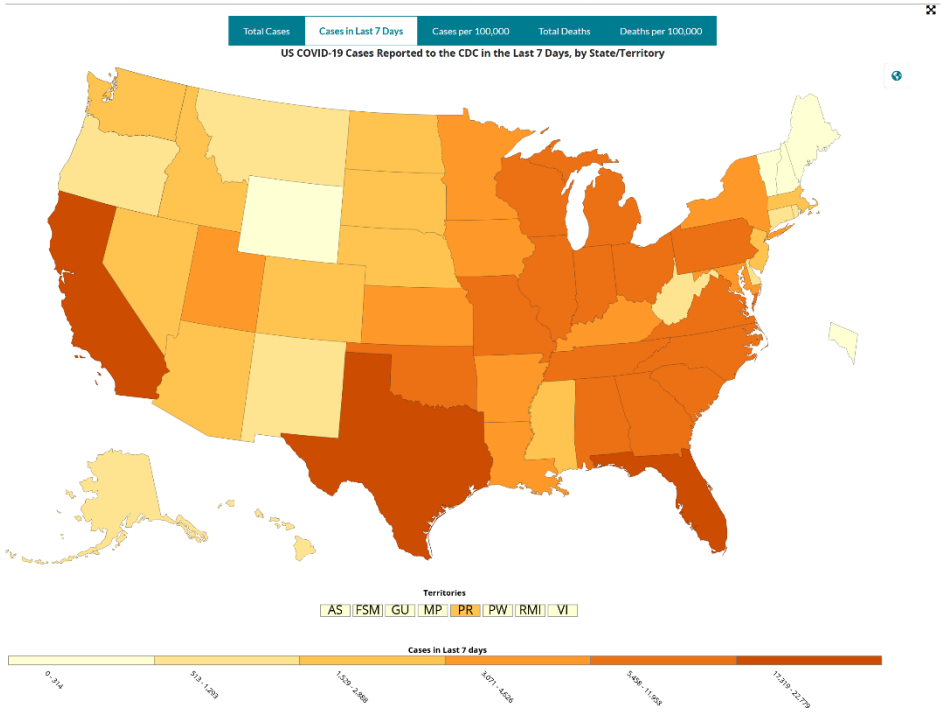
State/Territory	Total Cases	Confirmed	Probable
California	754,923	N/A	N/A
Texas	659,434	N/A	N/A
Florida	656,485	N/A	N/A
Georgia	294,394	N/A	N/A
Illinois	263,466	261,371	2,095
New York City*	238,945	233,636	5,309
Arizona	208,512	206,611	1,901
New York*	206,563	N/A	N/A
New Jersey	196,634	N/A	N/A
North Carolina	184,936	N/A	N/A
Tennessee	171,824	166,799	5,025
Louisiana	158,390	N/A	N/A

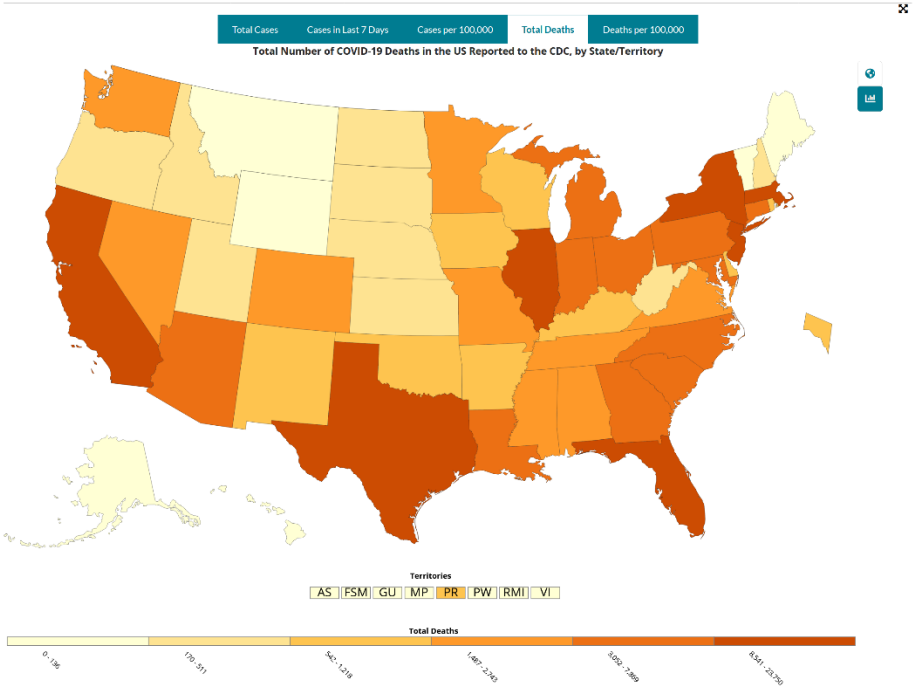
CDC | Updated: Sep 14 2020 12:16PM

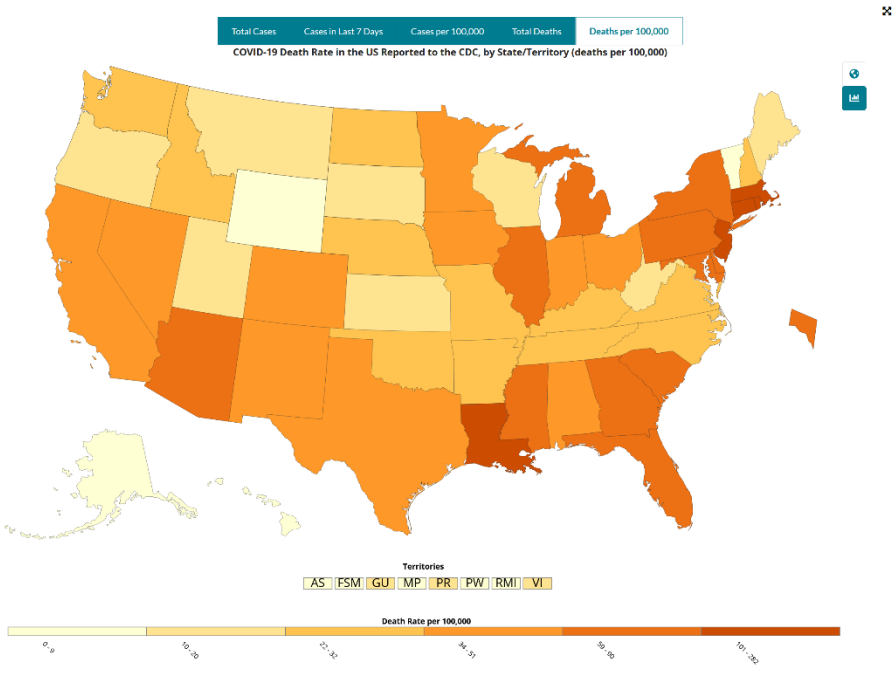
View Historic Case and Death Data











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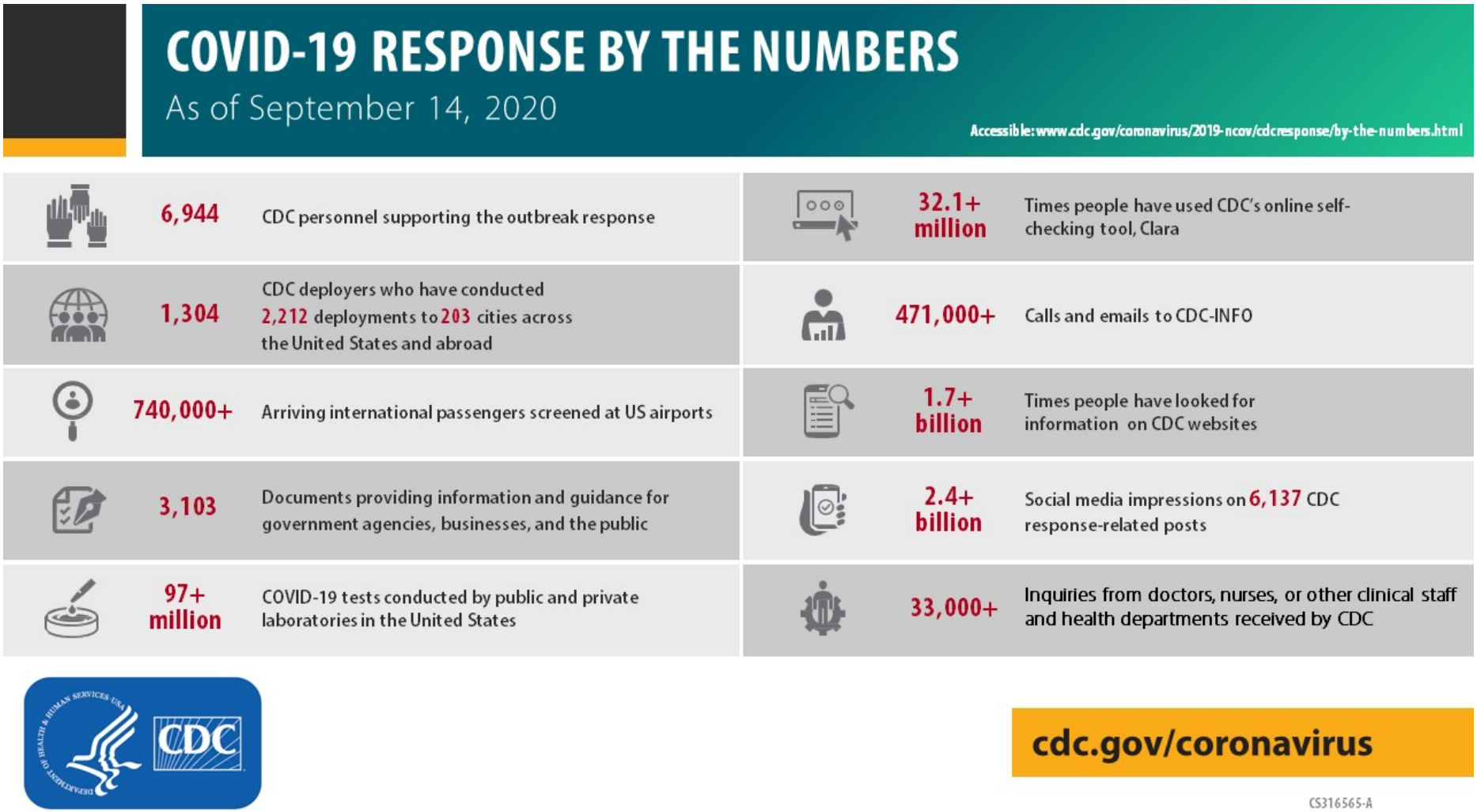
https://www.cdc.gov/coronavirus/2019-ncov/cdcresponse/by-the-numbers.html



CDC Guidance Documents

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

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

Standard Operating Procedure (SOP) for Triage of Suspected COVID-19 Patients in non-US Healthcare Settings: Early Identification and Prevention of Transmission during Triage
This document is provided by CDC and is intended for use in non-US healthcare settings. This document is intended for healthcare facilities that are receiving or are preparing to receive patients with suspected or confirmed coronavirus disease 2019 (COVID-19).
Date: 9/10/20
Audience: Healthcare Professionals

Operational Considerations for Community Isolation Centers for COVID-19 in Low-Resource Settings
This document describes how to set up a Community Isolation Center for COVID-19 patients who are not able to isolate at home, but may not be ill enough to be hospitalized. This document is to be used in global settings, not in the US.
Date: 9/9/20
Audience: Community Settings

Contact Tracing for COVID-19
This section provides steps and consideration that jurisdictions can use to develop a protocol for the tracing of close contacts.
Date: 9/9/20
Audience: Public Health Professionals

Standard Operating Procedure (SOP) for Triage of Suspected COVID-19 Patients in non-US Healthcare Settings: Early Identification and Prevention of Transmission during Triage
This document is provided by CDC and is intended for use in non-US healthcare settings. This document is intended for healthcare facilities that are receiving or are preparing to receive patients with suspected or confirmed coronavirus disease 2019 (COVID-19).
Date: 9/9/20
Audience: Healthcare Professionals

Cleaning and Disinfection for Community Facilities
Guidance on the cleaning and disinfection of rooms or areas of those with suspected or with confirmed
Date: 9/9/20
Audience: Community Settings

Interim Clinical Guidance for Management of Patients with Confirmed Coronavirus Disease (COVID-19)
Clinicians, discover how you can best care for your hospitalized patients with a confirmed infection caused by novel coronavirus 2019 (COVID-19).
Date: 9/9/20
Audience: Healthcare Professionals

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

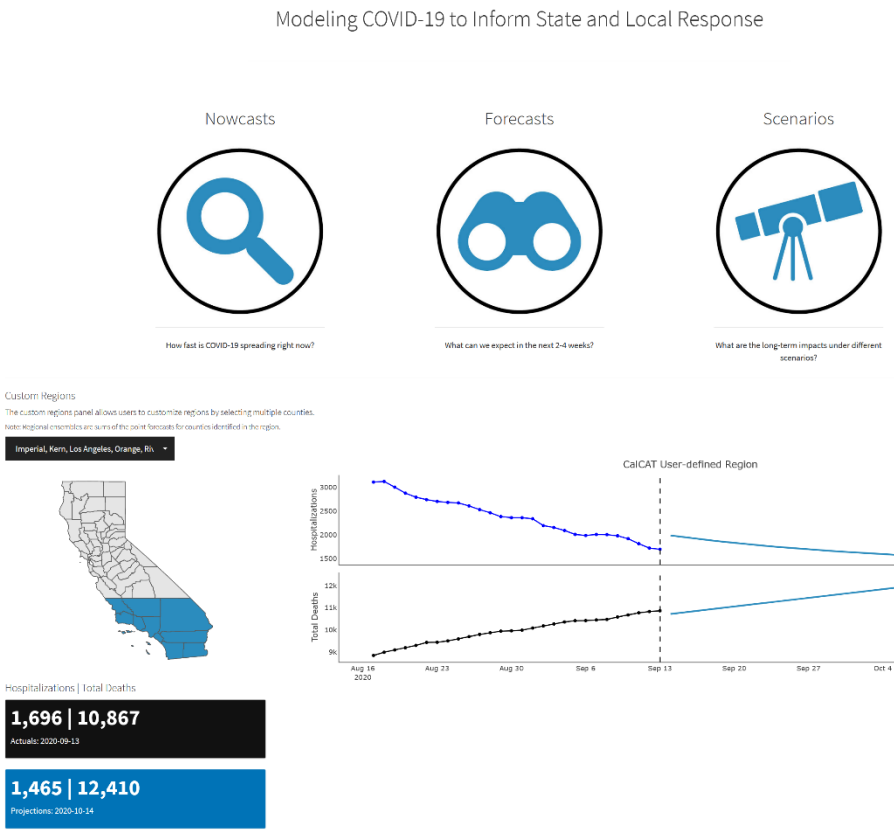
https://covid19.ca.gov/industry-guidance/#top
https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Guidance.aspx

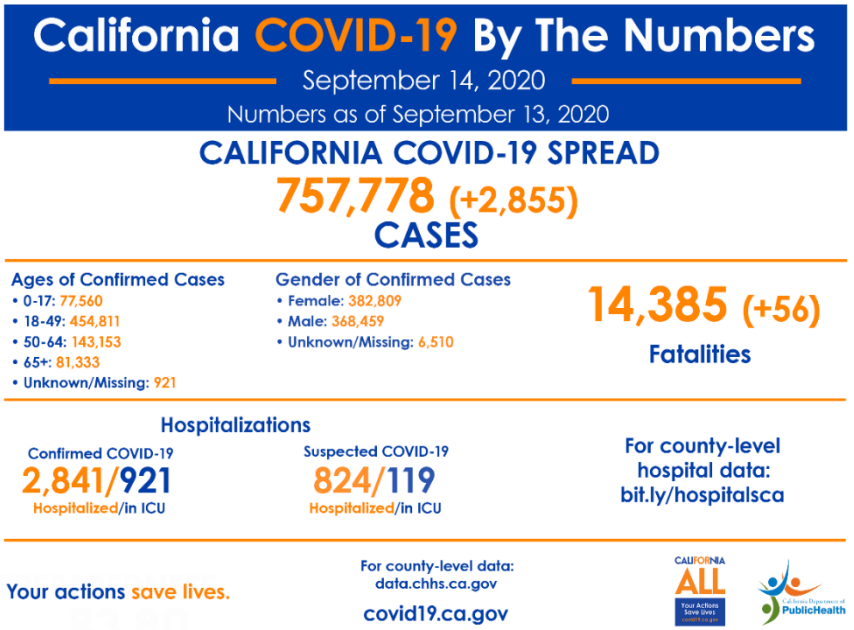
Data models

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/



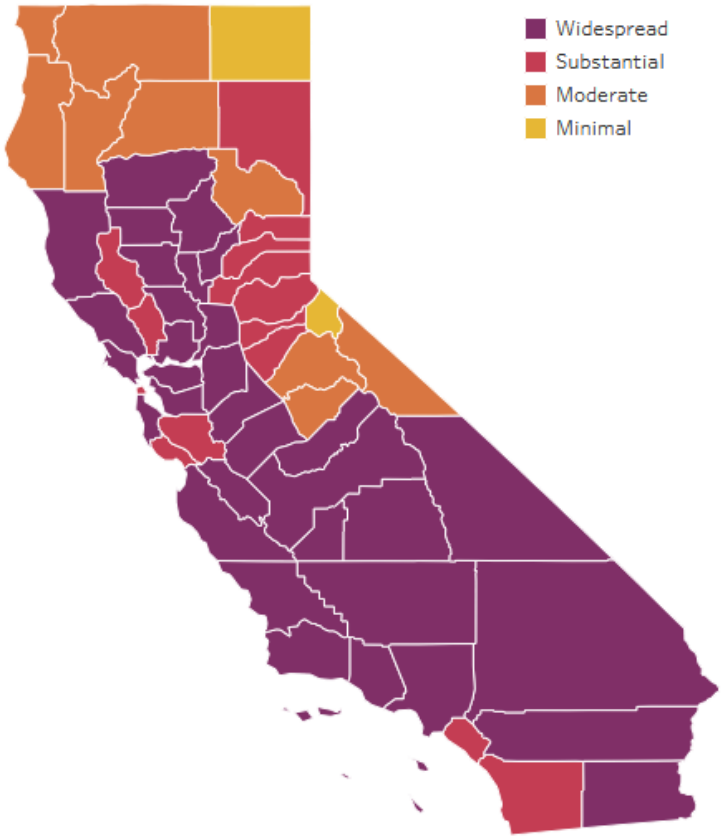


https://covid19.ca.gov/safer-economy

Statewide Metrics

9.1
New COVID-19 Positive cases per day per 100K

5.3%
Positivity Rate



Data shown for week ending 8/29/20

	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%

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

CDPH News Releases 2020

https://www.cdph.ca.gov/Programs/OPA/Pages/New-Release-2020.aspx

California Releases Request for Innovative Ideas for COVID-19 Specimen Collection and Transport

September 14, 2020 — Today the California Department of Public Health, along with the California Department of General Services and the California Department of Technology, announced the release of a competitive procurement to support the state's response to COVID-19.

State Officials Announce Latest COVID-19 Facts

September 14, 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 13, 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 12, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Public Health and Technology Leaders Announce Two Pilot Projects Using Google and Apple Exposure Notification Technology

September 11, 2020 - Adding to the state's tools that could help stop the spread of COVID-19, the California Department of Public Health (CDPH) and the California Department of Technology (CDT) today announced a partnership with the University of California San Diego and University of California San Francisco to launch two pilot projects to test the Exposure Notification Express mobile application recently released by Google and Apple.

State Officials Announce Latest COVID-19 Facts

September 11, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

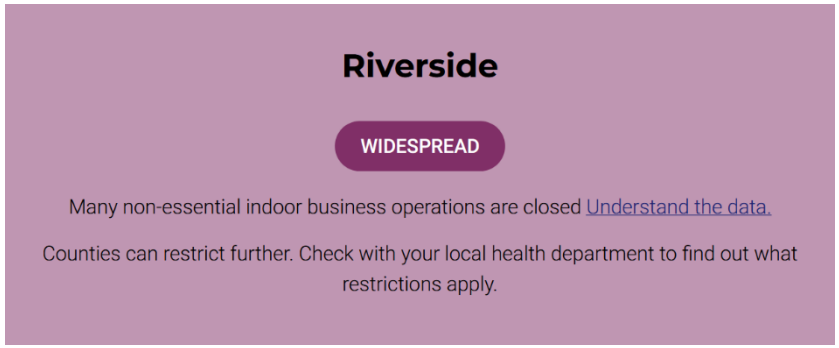
Riverside County Data

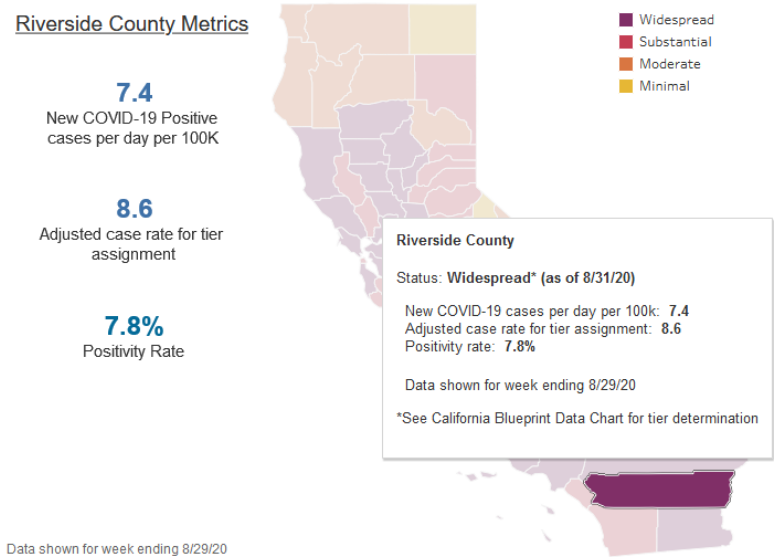
https://www.rivcoph.org/coronavirus

RUHS Public Health News:

- 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/





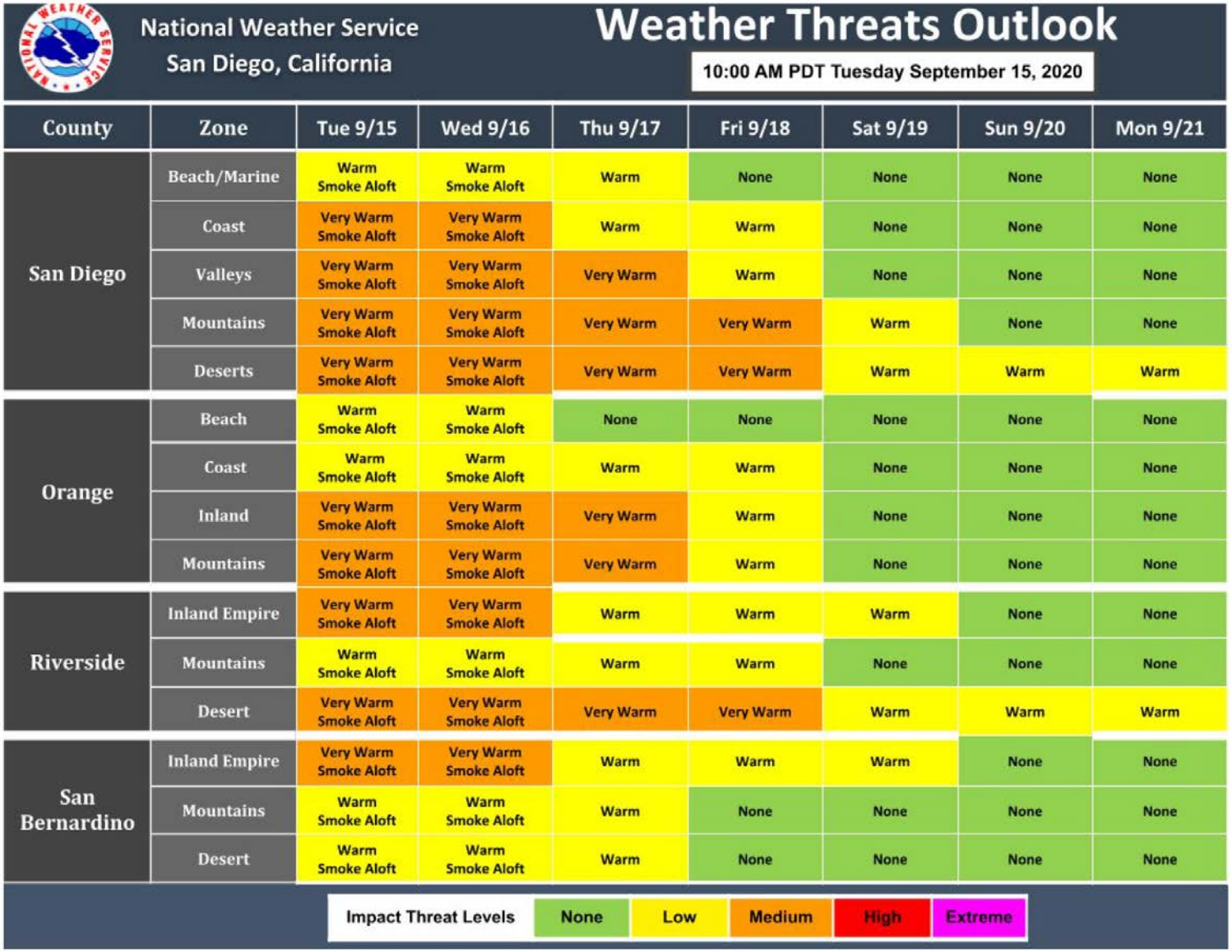
New dashboard

Click here for more detailed city/community data and reports

Daily Epidemiology Summary updated 09-11-2020

https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/September/Dashboard/2/Public%20Daily_COVID-19_Updates%20-%202020-09-11.pdf?ver=2020-09-11-145515-763&timestamp=1599861375400

Weather



National Weather Service
San Diego, California

Weather Threats Outlook

10:00 AM PDT Tuesday September 15, 2020

County	Zone	Tue 9/15	Wed 9/16	Thu 9/17	Fri 9/18	Sat 9/19	Sun 9/20	Mon 9/21
San Diego	Beach/Marine	Warm Smoke Aloft	Warm Smoke Aloft	Warm	None	None	None	None
	Coast	Very Warm Smoke Aloft	Very Warm Smoke Aloft	Warm	Warm	None	None	None
	Valleys	Very Warm Smoke Aloft	Very Warm Smoke Aloft	Very Warm	Warm	None	None	None
	Mountains	Very Warm Smoke Aloft	Very Warm Smoke Aloft	Very Warm	Very Warm	Warm	None	None
	Deserts	Very Warm Smoke Aloft	Very Warm Smoke Aloft	Very Warm	Very Warm	Warm	Warm	Warm
Orange	Beach	Warm Smoke Aloft	Warm Smoke Aloft	None	None	None	None	None
	Coast	Warm Smoke Aloft	Warm Smoke Aloft	Warm	Warm	None	None	None
	Inland	Very Warm Smoke Aloft	Very Warm Smoke Aloft	Very Warm	Warm	None	None	None
	Mountains	Very Warm Smoke Aloft	Very Warm Smoke Aloft	Very Warm	Warm	None	None	None
Riverside	Inland Empire	Very Warm Smoke Aloft	Very Warm Smoke Aloft	Warm	Warm	Warm	None	None
	Mountains	Warm Smoke Aloft	Warm Smoke Aloft	Warm	Warm	None	None	None
	Desert	Very Warm Smoke Aloft	Very Warm Smoke Aloft	Very Warm	Very Warm	Warm	Warm	Warm
San Bernardino	Inland Empire	Very Warm Smoke Aloft	Very Warm Smoke Aloft	Warm	Warm	Warm	None	None
	Mountains	Warm Smoke Aloft	Warm Smoke Aloft	Warm	None	None	None	None
	Desert	Warm Smoke Aloft	Warm Smoke Aloft	Warm	None	None	None	None

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#

Tropical Outlook – Atlantic

FEMA

***Tropical Cyclone Sally* (CAT 1)** *(Advisory #16A as of 8:00 a.m. ET)*

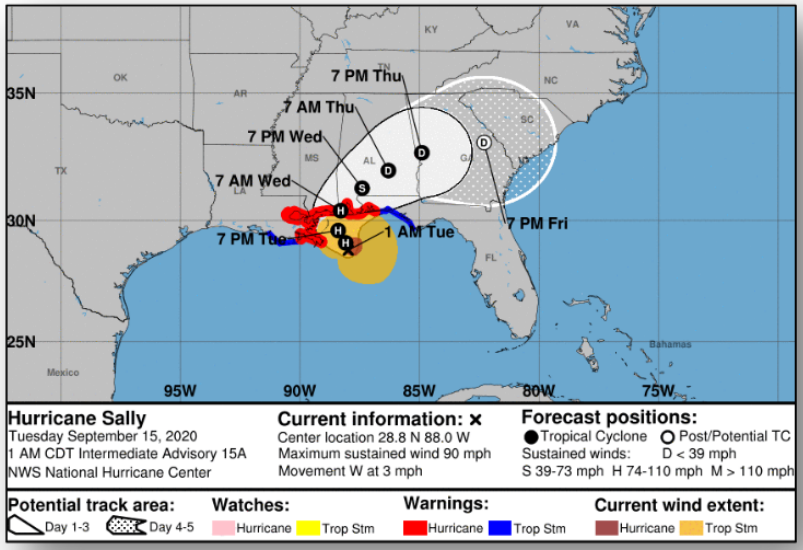
- 65 miles ESE of the mouth of the Mississippi River
- Moving NW at 2 mph
- Maximum sustained winds 85 mph
- Expected to be a dangerous hurricane when it moves onshore along the north-central Gulf coast.
- Hurricane force winds extend 45 miles; tropical storm force winds extend 125 miles

Watches and Warnings

- **Storm Surge Warning**: Mouth of the Mississippi River to Okaloosa/Walton County Line in FL
- **Hurricane Warning:** East of the Mouth of the Pearl River to Navarre Florida
- **Tropical Storm Warning**: East of Navarre, FL to Indian Pass, FL; Mouth of the Pearl River westward to Grand Isle Louisiana Lake Pontchartain and Lake Maurepas and metro New Orleans

Hazards Affecting Land

- **Rainfall:** 10-20 inches, isolated amounts of 30 inches, over portions of the central Gulf Coast from western FL panhandle to far southeast MS through the middle of the week. Life-threatening flash flooding is likely
- **Storm Surge**: 6-9 feet from Ocean Springs, MS to Dauphin Island, AL; 4-7 feet Mouth of the Mississippi River to Oceans Springs, MS; 4-7 feet for Dauphin Island, AL to AL/FL Border; 2-4 feet from AL/FL border to Okaloosa/Walton County Line, FL



Prepared by Justin Czerniak
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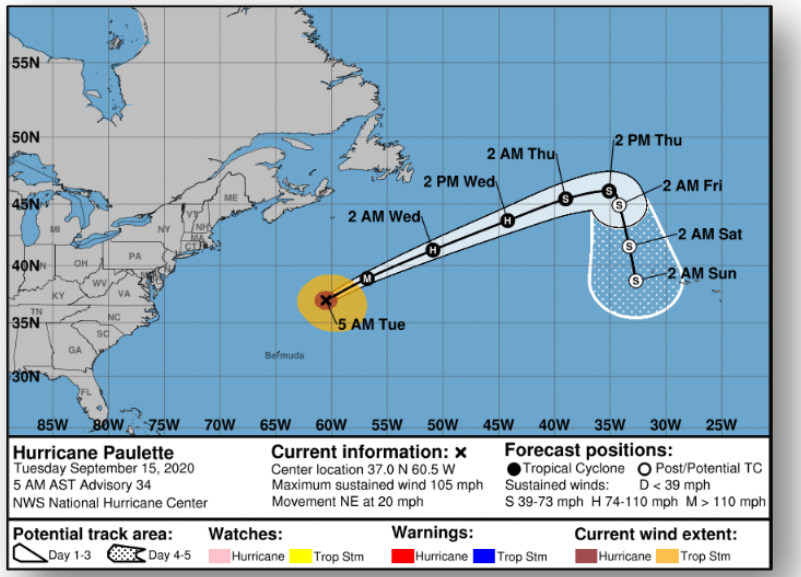
Tropical Outlook – Atlantic

***Tropical Cyclone Paulette* (CAT 2)** *(Advisory #34 as of 8:00 a.m. ET)*

- 405 miles NE of Bermuda
- Moving NE at 31 mph
- Maximum sustained winds 105 mph
- Strengthening is likely through tonight
- Weakening is forecast to begin by late Wednesday
- Hurricane-force winds extend 60 miles; tropical-storm-force winds extend 230 miles



Prepared by Justin Czerniak
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Tropical Outlook – Atlantic

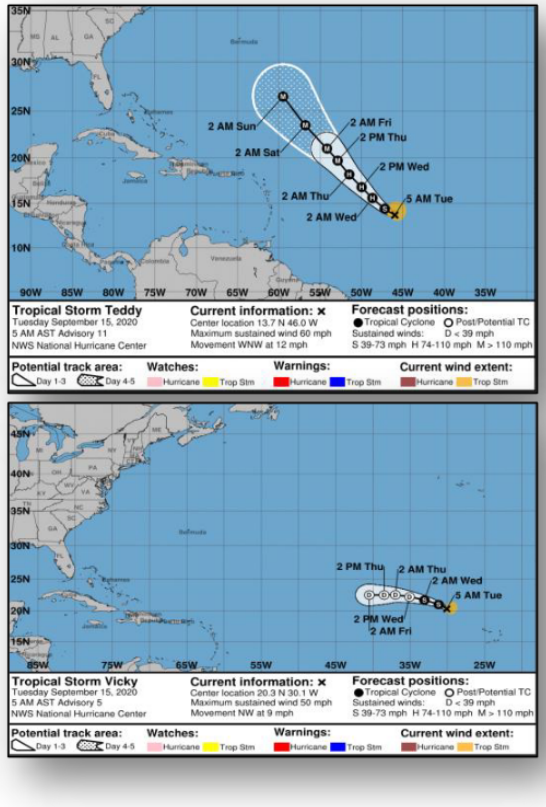
FEMA

Tropical Cyclone Teddy *(Advisory #11 as of 8:00 a.m. ET)*

- 1,030 miles E of the Lesser Antilles
- Moving W at 19 mph
- Maximum sustained winds 60 mph
- Strengthening is forecast during the next few days
- Forecast to become a hurricane by tonight
- Tropical storm force winds extend 115 miles

Tropical Cyclone Vicky *(Advisory #5 as of 8:00 a.m. ET)*

- 500 miles WNW of the Cabo Verde Islands
- Moving NW at 15 mph
- Maximum sustained winds 50 mph
- Weakening is expected to begin by tonight
- Forecast to degenerate to a remnant low by Wednesday
- Tropical storm force winds extend 105 miles



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Tropical Outlook – Atlantic

FEMA

Disturbance 1 *(as of 8:00 a.m. ET)*

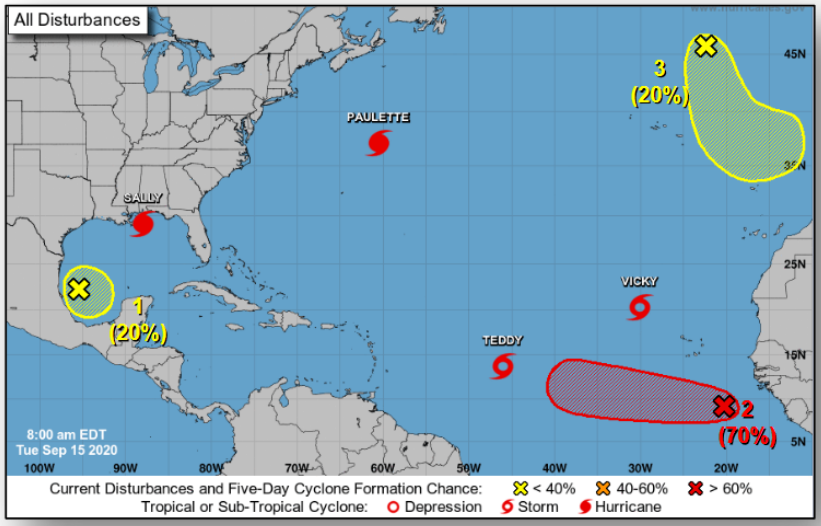
- Located over the southwestern Gulf of Mexico
- Any development of this system should be slow to occur
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (20%)

Disturbance 2 *(as of 8:00 a.m. ET)*

- Few hundred miles SSE of the Cabo Verde Islands
- A tropical depression is likely to form the next few days
- Moving W at 10-15 mph
- Formation chance through 48 hours: Medium (50%)
- Formation chance through 5 days: High (70%)

Disturbance 3 *(as of 8:00 a.m. ET)*

- Located over the far northeastern Atlantic
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (20%)



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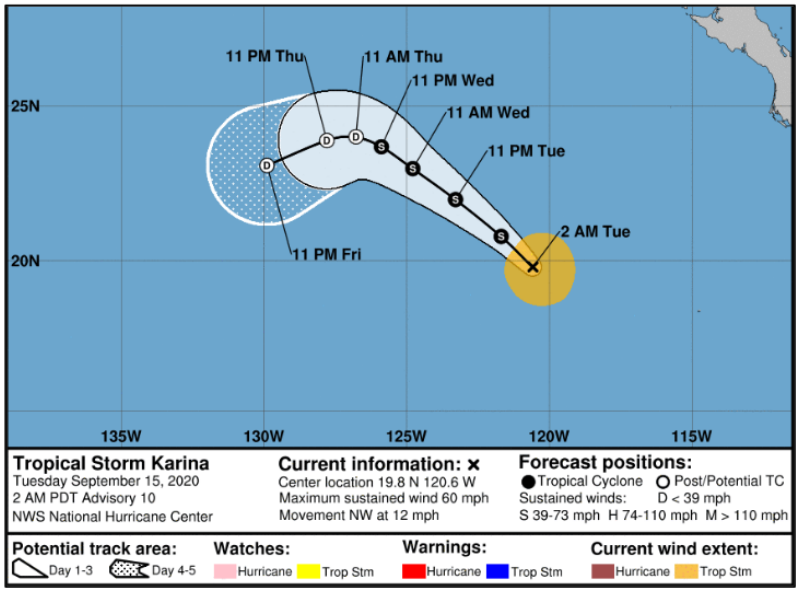
Tropical Outlook – Eastern Pacific

FEMA

Tropical Cyclone Karina *(Advisory #10 as of 8:00 a.m. ET)*

- 720 miles WSW of the southern tip of Baja California, Mexico
- Maximum sustained winds 60 mph
- Moving NW at 19 mph
- Forecast to become a remnant low in two or three days
- Tropical-storm-force winds extend out to 105 miles



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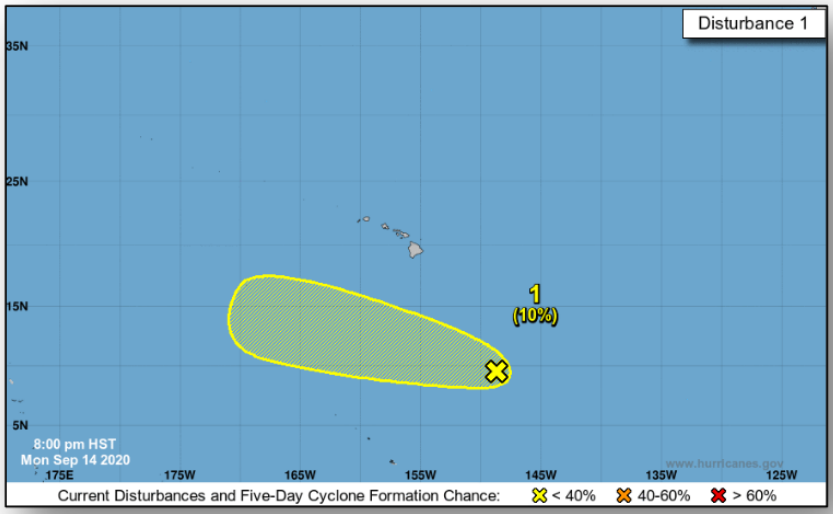
Tropical Outlook – Central Pacific

FEMA

Disturbance 1 *(as of 8:00 a.m. ET)*

- 750 miles SE of Hilo, HI
- Conditions are not expected to be favorable for the disturbance to strengthen
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)



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Wildfires – Western US

OR

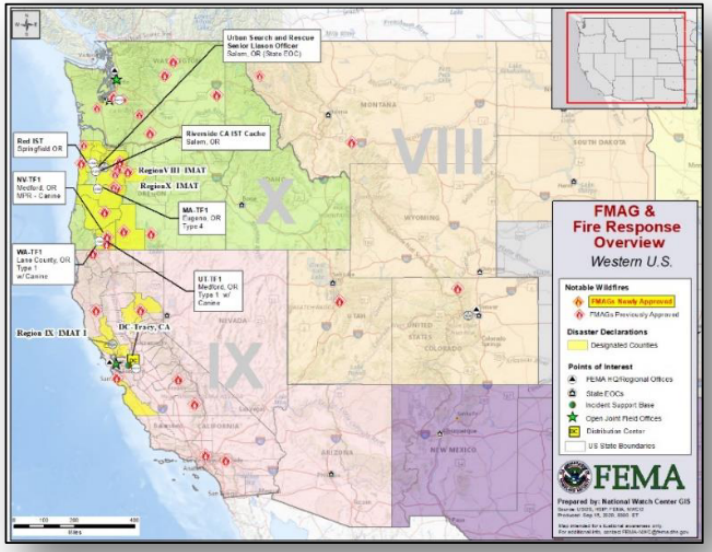
Situation: There are over 100 large fires throughout the Western U.S., which have burned over 5 million acres in Regions VIII, IX, and X. The FEMA National Watch is monitoring and reporting on uncontained fires that have received Fire Management Assistance Grants (FMAGs). Lifelines in California, Colorado, and Washington are stable, except for the Health and Medical lifeline (COVID-19), while lifelines in Oregon remain yellow for wildfire response efforts. Federal assets have mobilized in support; currently there are no additional unmet needs.

FEMA Region VIII: 1 FMAG (CO)
- Acreage burned (FMAGs only): 102,596
- Homes / structures threatened: 3,581 / 4
- Homes / structures destroyed: 27 (+1) / 29
- Fatalities / Injuries: 0 / 9 (+2)
- Evacuations: 1,121 / 6,500

FEMA Region IX: 6 (-1) FMAGs (CA)
- Acreage burned (FMAGs only): 759,851 (-37,670)
- Homes / structures threatened: 36,102 (-18,656) / 1465 (+1,082)
- Homes / structures damaged: 28 (-88) / 23 (-49)
- Homes / structures destroyed: 459 (-931) / 174 (-532)
- Fatalities / Injuries: 16 / 52 (+6)
- Evacuations: 36,213 (-10,576)

FEMA Region X: 13 (-5) FMAGs (OR-11 (-3); WA-2 (-2))
- Acreage burned (FMAGs only): 1,256,957 (-1,431)
- Homes / structures threatened: 127,306 (-34,472) / 4,856 (+2,250)
- Home / structures damaged: 103 (+57) / 56 (+9)
- Homes / structures destroyed: 1,617 (+255) / 277 (-78)
- Fatalities / Injuries: 9 / 16
- Evacuations: 253,344

State Response
- CO EOC at Partial Activation (COVID-19)
- CA EOC at Full Activation (COVID-19 and Wildfires)
- OR & WA EOCs at Full Activation (COVID-19 and Wildfires)
- OR Governor requested an Expedited Major Disaster Declaration on Sep 14



Federal Response
- Region VIII & Denver MOC monitoring; IMAT deployed to OR EOC
- Region IX RWC monitoring; IMAT deployed to CA EOC (Wildfires)
  - FEMA-4558-DR-CA approved for Wildfires
- Region X RRCC at Level II (Wildfires & COVID-19) Bothell MOC monitoring; IMAT deployed to OR EOC
  - ESF-13 activated; 1 IMT (Eugene) and 2 QRTs deploying to OR (Medford & Eugene) to support US&R teams
  - IMAT deployed to OR
  - FEMA-3542-EM-OR approved for wildfires
- MERS: Salem, OR; Springfield, OR; Central Point, OR; Joint Base Lewis-McChord, WA; Mather, CA
- US&R:
  - Red IST & LNO deployed to OR EOC; IST Cache deployed to Salem, OR
  - WA-TF1 deployed to Lane County, OR; UT-TF1 and NV-TF1 deployed to Talent, OR
  - MA-TF1 deploying to Eugene, OR

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Wildfire Summary – CA

FEMA

Fire Name (County, ST)	FMAG #	Acres Burned	Percent Contained	Evacuations	Structures (Homes / Other)			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
California (6)								
Creek (Fresno and Madera, CA)	5348-FM-CA	212,744 (+10,836)	16% (+6)	M: 14,403 (-1,543)	H: 11,006 (+7,169)	H: 26 (+2)	H: 305 (+57)	0 / 21
				V: 0	O: 250	O: 19 (+1)	O: 168 (+27)	
El Dorado (San Bernardino, CA)	5348-FM-CA	16,490 (+2,207)	53% (+12)	M: 3,467 (-3,769)	H: 16,117 (+12,256)	H: 2	H: 4	0 / 10 (+5)
				V: 0	O: 1,050 (+950)	O: 4	O: 6	
Slater (Siskiyou, CA)	5361-FM-CA	126,333	5%	M: 3,500	H: 900	H: 0	H: 150	2 / 0
				V: 0	O: 0	O: 0	O: 0	
North Complex (Includes Bear Fire) (Butte, Plumas, and Yuba, CA)	5363-FM-CA (Bear Fire)	264,565 (+3,077)	39% (+13)	M: 7,000 (-200)	H: 3	H: 0	H: 0	14 (+1) / 6
				V: 0	O: 6	O: 0	O: 0	
SQF Complex (Tulare, CA)	5373-FM-CA	101,420 (+26,420)	12%	M: 3,483 (+2,094)	H: 0 (-1,900)	H: 0	H: 0 (-57)	0 / 14 (+2)
				V: 0 (-528)	O: 0	O: 0	O: 0	
Bobcat (Los Angeles, CA)	5374-FM-CA	38,299 (+6,299)	3% (-3)	M: 4,000 (-2,500)	H: 8,076 (-19,924)	H: 0	H: 0	0 / 1 (+1)
				V: 0 (-68,000)	O: 159 (+156)	O: 0	O: 0	

(Evacuations: M = Mandatory / V = Voluntary; Structures: H = Homes and Mixed Commercial/Residential / O = Non-residential Commercial/Other Minor Structures)

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Wildfire Summary – OR

FEMA

Fire Name (County, ST)	FMAG #	Acres Burned	Percent Contained	Evacuations	Structures (Homes / Other)			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Oregon (11)								
Two Four Two (Klamath, OR)	5354-FM-OR	14,584 (+134)	12% (+2)	M: 0 (-966)	H: 526	H: 32	H: 8	0 / 0
				V: 0	O: 752	O: 38	O: 27	
*Beachie Creek/Lionshead Complex (Marion, Clackamas, Linn, and Jefferson, OR)	5356-FM-OR	338,820 (+12,728)	15% (+15) / 5%	M: 18,587 (-20,535)	H: 19,409 (-17,914)	H: 60 (+60)	H: 373 (+373)	4 / 7
				V: 0	O: 109	O: 10 (+10)	O: 18 (+18)	
Holiday Farm (Lane, OR)	5357-FM-OR	165,023	6%	M: 0	H: 23,456	H: 9	H: 302	1 / 1
				V: 0	O: 0	O: 0	O: 0	
Powerline (Washington, OR) – **FINAL**	5358-FM-OR	Unknown	100% (+100)	M: 0	H: 0	H: 0	H: 0	0 / 0
				V: 0	O: 0	O: 0	O: 0	
Echo Mountain and Kimberling Road Complex (Lincoln, OR)	5362-FM-OR	2,435	25%	M: 5,882	H: 4,109	H: 0	H: 100	0 / 1
				V: 0	O: 0	O: 0	O: 0	
Almeda Drive (Jackson, OR) - **FINAL**	5364-FM-OR	3,200	100% (+30)	M: 0 (-40,408)	H: 6,100	H: 0	H: 600	4 / 4
				V: 0	O: 500	O: 0	O: 100	

* All numbers combined for this complex fire except for the containment percentage

(Evacuations: M = Mandatory / V = Voluntary; Structures: H = Homes and Mixed Commercial/Residential / O = Non-residential Commercial/Other Minor Structures)

Prepared by Justin Czerniak
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Wildfire Summary – OR

FEMA

Fire Name (County, ST)	FMAG #	Acres Burned	Percent Contained	Evacuations	Structures (Homes / Other)			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Oregon (11) - Continuation								
Archie Creek (Douglas, OR)	5365-FM-OR	121,379	15% (+5)	M: 2,457	H: 1,545 (-290)	H: 0	H: 109	0 / 0
				V: 0	O: 0	O: 7	O: 2	
South Obenchain (Jackson, OR)	5367-FM-OR	30,503	20%	M: 4,753	H: 5,278	H: 0	H: 30	0 / 2
				V: 0	O: 650	O: 0	O: 44	
Riverside (Clackamas, OR)	5366-FM-OR	133,509	0%	M: 70,962	H: 70,223	H: 0	H: 33	0 / 1
				V: 0	O: 0	O: 0	O: 20	
Pike Road (Tillamook, OR)	5368-FM-OR	220	0%	M: 399	H: 1,355	H: 0	H: 2	0 / 0
				V: 956	O: 0	O: 0	O: 2	
Clackamas County Complex (Clackamas, OR)	5370-FM-OR	Unknown	0%	M: 80,000	H: Unknown	H: Unknown	H: Unknown	0 / 0
				V: 0	O: Unknown	O: Unknown	O: 10	
Brattain (Lake, OR)	5372-FM-OR	34,151 (+4,151)	15% (+15)	M: 330 (+60)	H: 300 (+245)	H: 0	H: 1 (+1)	0 / 0
				V: 0	O: 5	O: 0	O: 0	
*Slater (Josephine, OR)	5369-FM-OR	Unknown	0%	*Note: Burning along the border of OR & CA – See under CA for fire details*				

(Evacuations: M = Mandatory / V = Voluntary; Structures: H = Homes and Mixed Commercial/Residential / O = Non-residential Commercial/Other Minor Structures)

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Wildfire Summary – WA

FEMA

Fire Name (County, ST)	FMAG #	Acres Burned	Percent Contained	Evacuations	Structures (Homes / Other)			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Washington (2)								
*Cold Springs/Pearl Hill (Douglas and Okanogan, WA)	5351-FM-WA	412,582	60% (+10) / 90%(+3)	M: 450 V: 0	H: 930 O: 340	H: 1 O: 1	H: 52 O: 48	0 / 0
Bordeaux Road (Thurston, WA)	5359-FM-WA	60	0%	M: 475 V: 0	H: 175 O: 0	H: 0 O: 0	H: 5 O: 0	0 / 0
Sumner Grade (Pierce, WA) - **FINAL**	5360-FM-WA	494	85% (+20)	M: 0 (-7,200) V: 0	H: 0 O: 0	H: 0 O: 0	H: 0 O: 0	0 / 0

* All numbers combined for this complex fire except for the containment percentage

(Evacuations: M = Mandatory / V = Voluntary; Structures: H = Homes and Mixed Commercial/Residential / O = Non-residential Commercial/Other Minor Structures)

Prepared by Justin Czerniak
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Wildfire Summary – Region VIII

FEMA

Fire Name (County, ST)	FMAG #	Acres Burned	Percent Contained	Evacuations	Structures (Homes / Other)			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Colorado (1)								
Cameron Peak (Larimer, CO)	5349-FM-CO	102,596	4%	M: 1,121 V: 6,500	H: 3,581 O: 4	H: 2 O: 0	H: 27 (+1) O: 29	0 / 7

(Evacuations: M = Mandatory / V = Voluntary; Structures: H = Homes and Mixed Commercial/Residential / O = Non-residential Commercial/Other Minor Structures)

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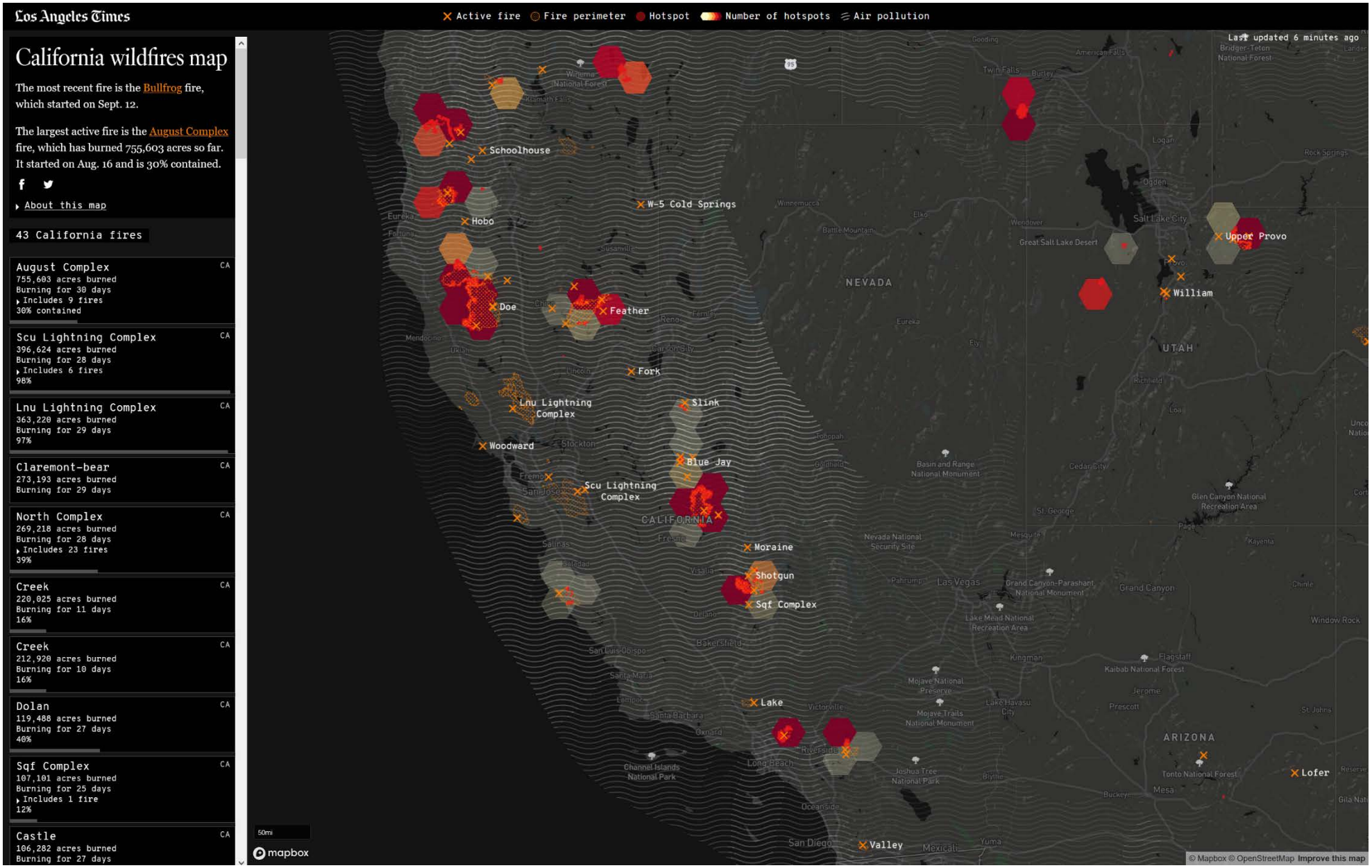
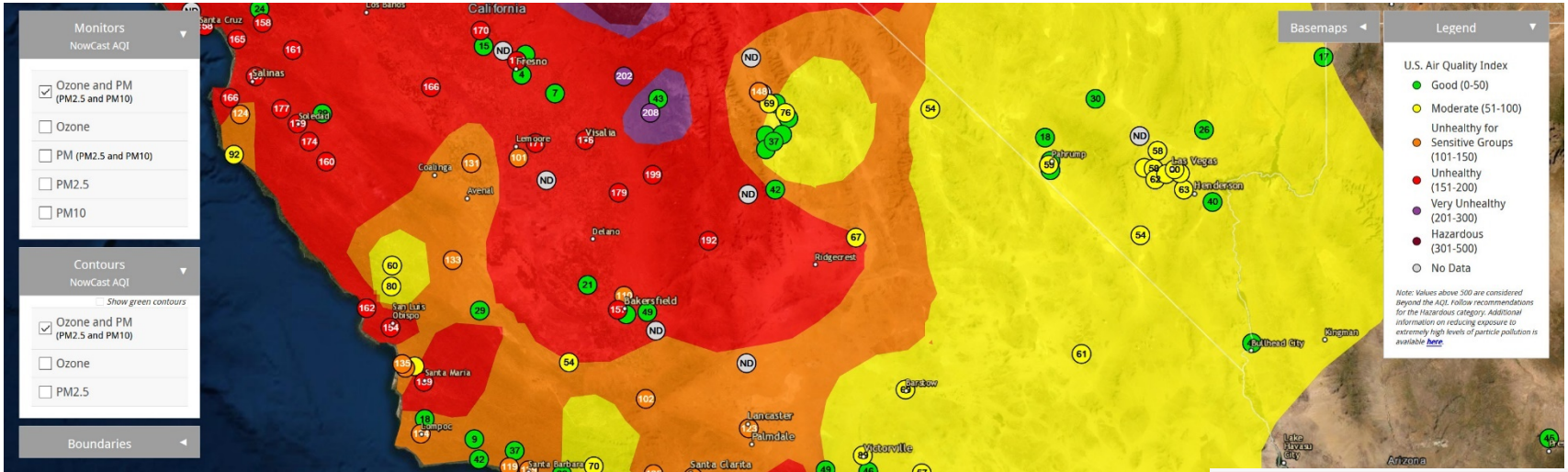
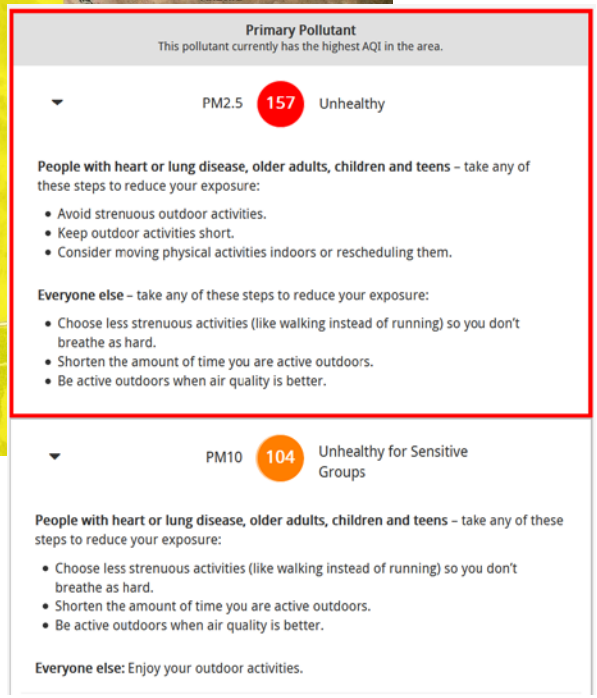
https://www.latimes.com/wildfires-map/



Air quality Index

https://www.airnow.gov/ or https://gispub.epa.gov/airnow/





https://www.airnow.gov/?city=Norco&state=CA&country=USA

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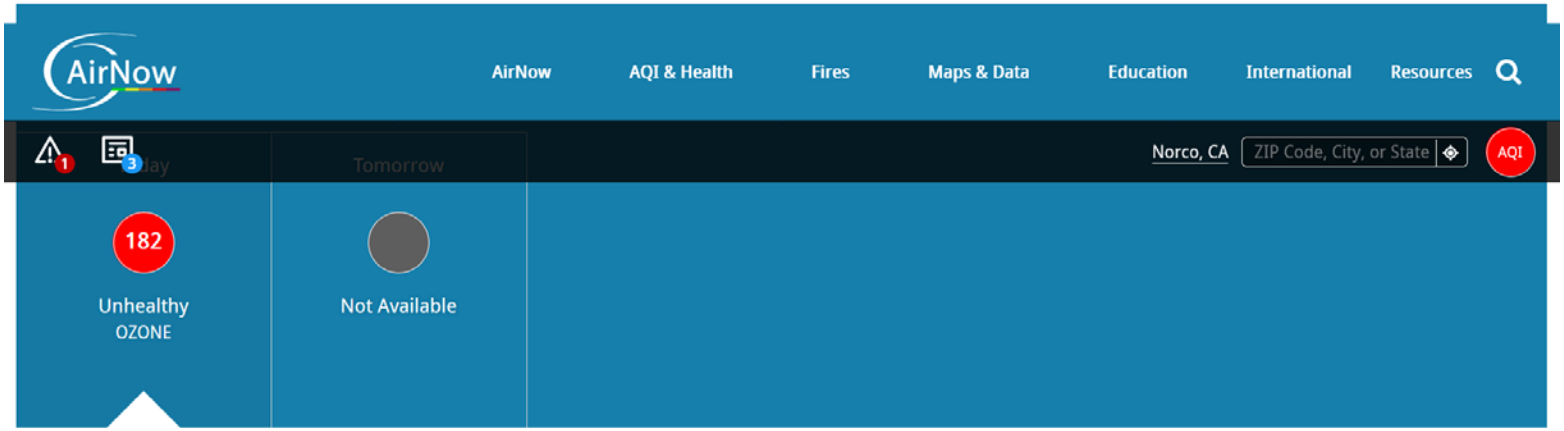
Air Quality Forecast



Primary Pollutant
This pollutant currently has the highest forecasted AQI in the area.

OZONE 182 Unhealthy

Have flexibility in your schedule?
Even if the forecast is Orange (unhealthy for sensitive groups), there may be times during the day when air quality is OK for outdoor activities. Ozone is often lower in the morning. Check *current air quality* to see if now is a good time for you to be active outdoors.

Can't change your schedule?
People with lung disease such as asthma, children and teens, older adults, and people who are routinely active outdoors for six or more hours a day: Reduce your exposure by avoiding strenuous outdoor activities or keeping outdoor activities short. Consider moving physical activities indoors.
Everyone else: Reduce your exposure by choosing less strenuous activities or shortening the amount of time you are active outdoors.

Other Pollutants

PM2.5 115 Unhealthy for Sensitive Groups

Have flexibility in your schedule?
Even if the forecast is Orange (unhealthy for sensitive groups), there may be times during the day when air quality is OK for outdoor activities. Check *current air quality* to see if now is a good time for you to be active outdoors.

Can't change your schedule?
People with heart or lung disease, older adults, children and teens: Reduce your exposure by choosing less strenuous activities or shortening the amount of time you are active outdoors.
Everyone else: Enjoy your outdoor activities.

PM10 71 Moderate

If you are **unusually sensitive** to particle pollution, consider reducing your activity level or shorten the amount of time you are active outdoors.

NO2 38 Good

CO 6 Good

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