Daily Situation Summary
Monday, May 18, 2020
As of 10:00 AM

COVID-19 by the Numbers

05/18/2020	Riverside	Imperial	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Sana Barbra	Ventura	California	United States	Global
Total Cases	5,776	715	1,546	37,996	4,466	3,467	5,838	242	1,457	838	80,430	1,467,065	4,619,477
Total Deaths	263	15	26	1,821	88	155	242	1	11	25	3,302	88,709	311,847
% of State's Cases	7.18%	0.89%	1.92%	47.24%	5.55%	4.31%	7.26%	0.30%	1.81%	1.04%	5.48%	31.76%	
Currently in Hospitals	186	68	36	1,549	267	129	321	1	25	31	3,037		
Currently in ICU	68	18	17	478	117	52	140	1	12	11	1,076		
Case Fatality Rate	4.6%	2.1%	1.7%	4.8%	2.0%	4.5%	4.1%	0.4%	0.8%	3.0%	4.1%	6.0%	6.8%

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.

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US Data
FEMA,
Mobility Trends Reports
Testing
Case Clusters
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Riverside County
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Weather
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**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

News

China defends coronavirus handling at WHO assembly: Live updates

- World Health Assembly holds annual meeting as China and United States differ over the coronavirus pandemic which has killed more than 300,000 people.
- China's president called on Monday for an independent review of the global response to the coronavirus pandemic under the World Health Organization once the virus is under control, and defended Beijing's own handling of the pandemic.
  https://www.trtworld.com/europe/china-defends-handling-of-virus-backs-review-of-global-response-under-who-36411
  https://www.aljazeera.com/news/2020/05/selfie-snapping-bolsonaro-defies-coronavirus-advice-live-updates-200517231736683.html

Travel restrictions, border shutdowns by country

- A list of countries that have taken such measures in recent days.
- Travelers should visit government websites for updated information and more details.
  https://www.aljazeera.com/news/2020/03/coronavirus-travel-restrictions-border-shutdowns-country-200318091505922.html

US biotech firm sees promise in new coronavirus vaccine

- Early data from a US biotechnology firm's COVID-19 vaccine, the first to be tested in the United States, has showed that it produced protective antibodies in a small group of healthy volunteers, the company, Moderna Inc, said on Monday.
- In the trial of 45 volunteers, conducted by the National Institute of Allergy and Infectious Diseases, eight volunteers who got two doses of the vaccine produced protective antibodies roughly on par with people who recovered from a natural infection of the virus that causes the COVID-19 illness, the company said in a news release.
  https://www.aljazeera.com/news/2020/05/biotech-firm-sees-promise-coronavirus-vaccine-200518144654449.html

  Related

US accuses China of trying to steal coronavirus vaccine

- Chinese hackers are trying to steal COVID-19 vaccine research, US authorities said Wednesday, ratcheting up tensions between the superpowers as markets slumped on warnings from the US Federal Reserve that prolonged shutdowns could cause "lasting damage".
  https://gulfnews.com/world/americas/covid-19-us-accuses-china-of-trying-to-steal-coronavirus-vaccine-1.1589411917320
  Public Service Announcement – Attached in email
  https://www.cisa.gov/sites/default/files/publications/Joint_FBI-CISA_PSA_PRC_Targeting_of_COVID-19_Research_Organizations_S508C.pdf
  CISAInsights – PDF Attached in Email

CDC 'Let The Country Down' On Coronavirus Testing: White House

- The Centers for Disease Control and Prevention has been under intense scrutiny since producing a faulty test for COVID-19 that caused weeks of delays in the US response
- The White House rebuked the top US health agency on Sunday, saying "it let the country down" on providing testing crucial to the battle against the coronavirus outbreak.
  https://www.barrons.com/news/cdc-let-the-country-down-on-coronavirus-testing-white-house-01589740506

NIH Director: Defeating COVID-19 requires unprecedented action and collaboration
- To respond to the generational public health crisis caused by the global COVID-19 pandemic, a swift, coordinated effort across many sectors of society is necessary, say National Institutes of Health (NIH) Director Francis S. Collins, M.D., Ph.D., and Johnson & Johnson Vice Chairman of the Executive Committee and Chief Scientific Officer Paul Stoffels, M.D. In a Viewpoint published today in JAMA
- A public-private initiative organized by NIH and the Foundation for the NIH. ACTIV's partners, which include at least 18 leading biopharmaceutical companies, multiple U.S. federal agencies, and the European Medicines Agency, are developing an international strategy for an integrated research response to COVID-19.
  https://www.nih.gov/news-events/news-releases/nih-director-defeating-covid-19-requires-unprecedented-action-collaboration

DHS S&T Launches Indoor Predictive Modeling Tool for Coronavirus Stability
- The Department of Homeland Security (DHS) Science and Technology Directorate (S&T) today released a predictive modeling tool to estimate natural decay of SARS-CoV-2 (the virus that causes COVID-19) under a range of temperatures and relative humidity. Leveraging the results of research being conducted at S&T's National Biodefense Analysis and Countermeasures Center (NBACC), the tool is designed to assist response efforts and estimate the environmental persistence of the virus under certain combinations of temperatures and humidity.
  https://www.dhs.gov/science-and-technology/news/2020/05/13/news-release-st-launches-indoor-predictive-modeling-tool-coronavirus-stability
- SARS-CoV-2 Natural Decay Calculator Link
  https://www.dhs.gov/science-and-technology/sars-calculator

More Productive from Home: Governments Learn to Love Remote Work
- Despite some hurdles, government through remote work is performing better than expected. It will likely lead to permanent changes in everything from labor management and technology to physical footprints
- This was designed initially as a workaround, with employees of the suburban Milwaukee region scattered by the coronavirus, but now this more efficient way of holding meetings will become standard. "We will not go back," says Dale Shaver, director of parks and land use for Waukesha County. "This has changed the way we work forever."
- Other sections include Good for Employers, Who Still Resist, More of a Managerial Challenge, and Making Sure Everything Gets Done
  https://www.governing.com/work/More-Productive-from-Home-Governments-Learn-to-Love-Remote-Work.html?utm_term=READ%20MORE&utm_campaign=More%20Productive%20from%20Home%3A%20Governments%20Learn%20to%20Love%20Remote%20Work&utm_content=email&utm_source=Act-On+Software&utm_medium=email

Officials enact changes to keep beaches safe, prevent crowding in Ventura County
- Ventura County beaches are now the only open beaches in the Southland, but that does not mean people should head over now to beat the heat.
- Local officials are enacting a series of changes to keep the beaches safe, and most importantly, crowd-free.
  https://abc7.com/health/coronavirus-officials-enact-changes-to-prevent-crowding-at-ventura-county-beaches/6144119/

Ventura County Fair canceled as officials take steps to ease other restrictions
- Though Ventura County is taking steps to slowly reopen the region's economy, officials on Monday voted to cancel the 2020 Ventura County Fair.

- The county Fairgrounds Board of Directors unanimously voted to cancel the annual event that dates back to 1875. The fair was also canceled during World War II when the grounds was being used by the U.S. military to protect the west coast, according to officials.
  https://abc7.com/society/ventura-county-fair-canceled-amid-ongoing-covid-19-concerns/6149908/

One Good Thing

- Stories about the kindness of strangers and individuals who sacrifice for others during the coronavirus outbreak.
  https://apnews.com/OneGoodThing

U.S. Data

FEMA

All 50 states, five territories, the Seminole Tribe of Florida, and Washington, D.C. have been approved for major disaster declarations to assist with additional needs identified.

To date, there are 71 tribes working directly with FEMA, with one tribe that is a direct recipient with a major disaster declaration and an emergency declaration, 40 tribes that are direct recipients with emergency declarations and 30 tribes that are recipients under state declarations.

- As of May 15, FEMA has obligated $6.0 billion in support of COVID-19 efforts. This support includes:
  - Temporary Medical Facilities including medical personnel, mortuary and ambulance services: $2.4 billion.
  - PPE including medical supplies and pharmaceuticals: $1.5 billion.
  - National Guard: $1.3 billion.
  - Public Assistance Emergency Protective Measures (Non-PPE): $489 million.
 - Commodities: $27 million.
  - Crisis Counseling: $15 million

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Project Air Bridge

As of May 15, Project Air Bridge has completed 141 flights with an additional 64 scheduled, or in transit, for a total of approximately 205 flights.
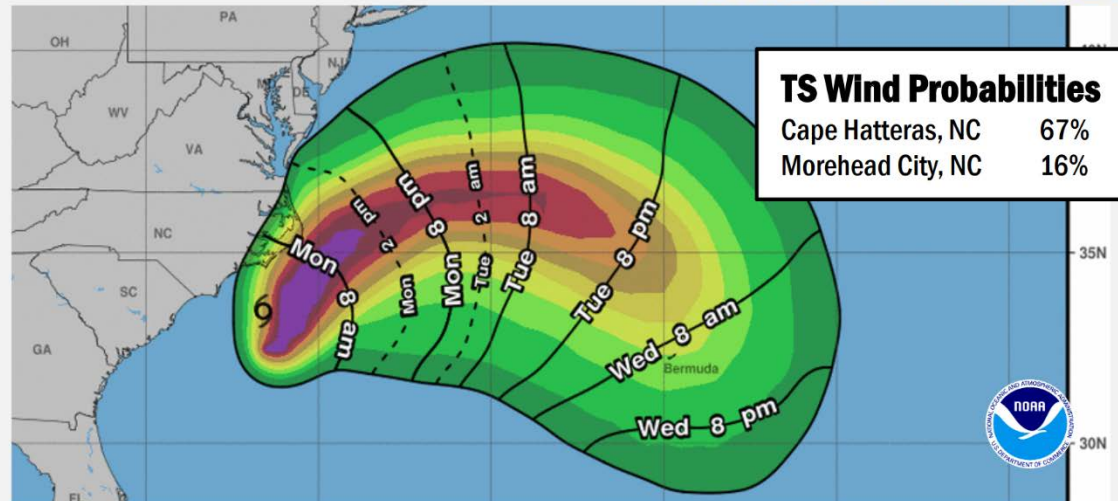
- Two flights landed yesterday, May 15 in Chicago.
- Four flights are scheduled to land today, May 16: one in Chicago, two in Los Angeles and one in New York City (JFK).
- It is important to note that any number of variables can affect international flight schedules, causing unexpected delays or cancellations.
- Through Project Air Bridge, the following supplies have been delivered from overseas manufacturers to the U.S. and into private sector supply chains from March 29 through May 15:
    - Nearly 1.4 million N95 respirators
    - 921 million gloves
    - 97.4 million surgical masks
    - 17.8 million surgical gowns
    - More than 2.3 million thermometers
    - More than 1.3 million face shields
    - Nearly 392,000 coveralls
    - 109,000 stethoscopes
    - 370,000 oxygen masks
    - More than 160,000 cannulas

FEMA and US gear up for Hurricane season
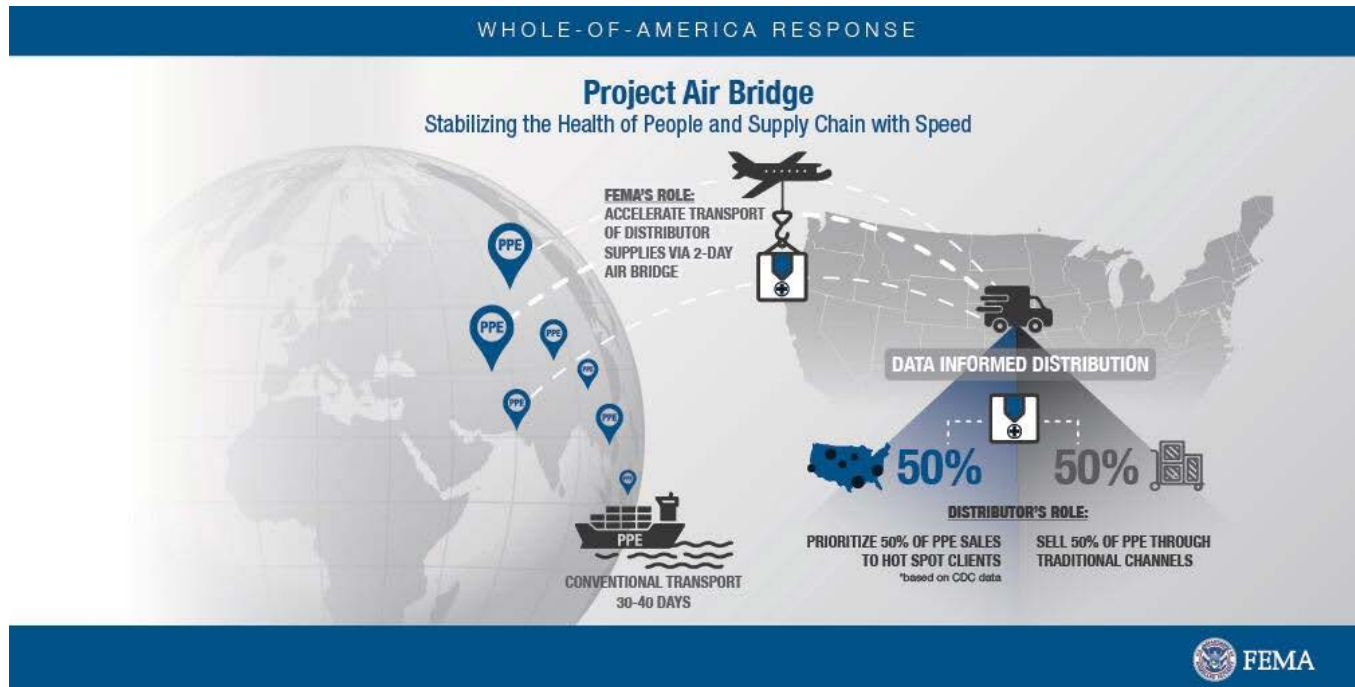
Tropical Storm Arthur
FORECAST TRACK

8 AM EDT
- NNE at 15 mph
- 1001 mb
- 45 mph
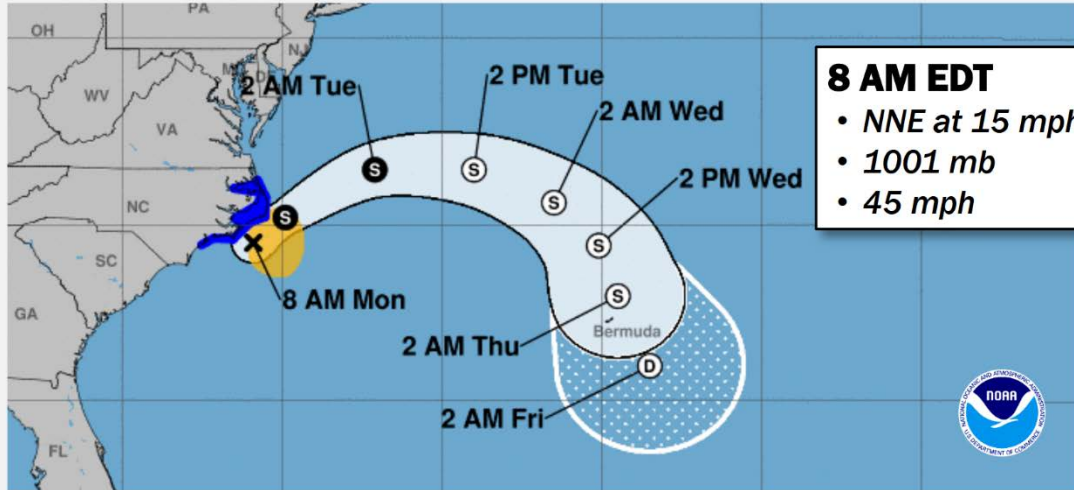
Tropical Storm Arthur
ONSET OF TS WINDS

TS Wind Probabilities

Cape Hatteras, NC	67%
Morehead City, NC	16%

Mobility Trends Reports

Learn about COVID-19 mobility trends. Reports are published daily and reflect requests for directions in Apple Maps. Privacy is one of our core values, so Maps doesn't associate your data with your Apple ID, and Apple doesn't keep a history of where you've been.
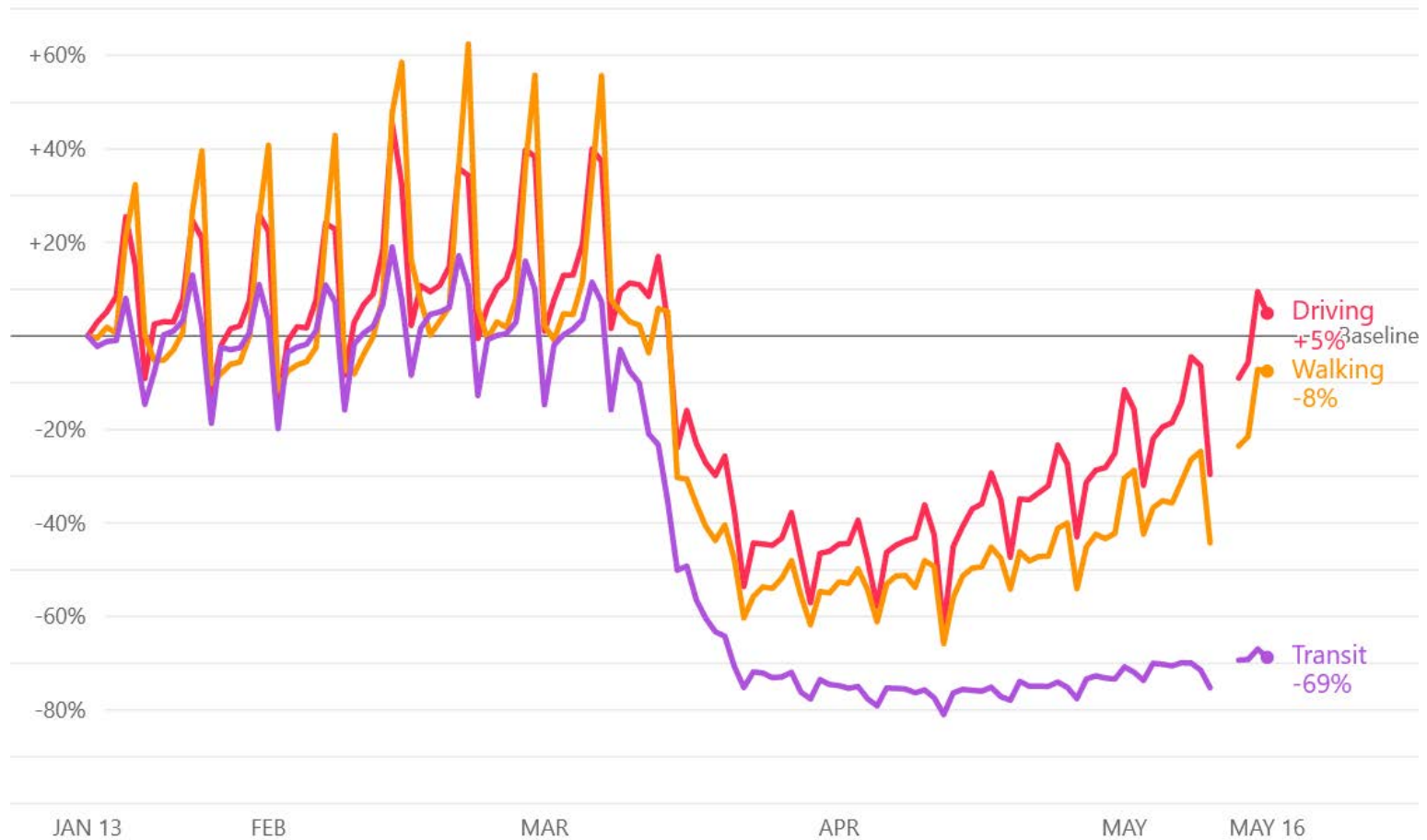
https://www.apple.com/covid19/mobility?utm_source=morning_brew

Google Users Mobility Trends

May 7 to May 9, 2020   Δ From Last Week

Retail & Recreation
-29% → -30%

↓1%

Grocery & Pharmacy
-3% → 7%

↑10%

Parks
21% → 9%

↓12%

Transit Stations
-42% → -35%

↑7%
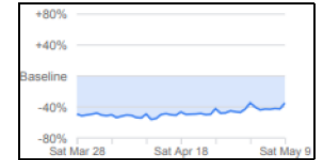
Workplaces
-44% → -26%

↑18%
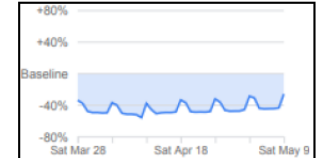
Residential
17% → 9%

↓8%
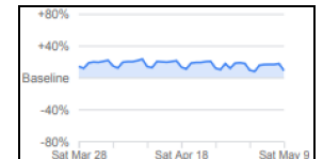
California

Retail & recreation
-46% compared to baseline

Grocery & pharmacy
+4% compared to baseline
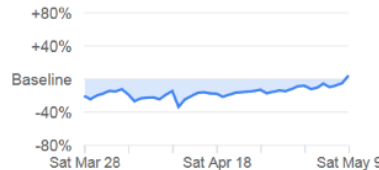
Parks
-23% compared to baseline

Transit stations
-40% compared to baseline

Workplace
-29% compared to baseline
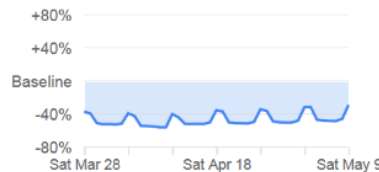
Residential
+12% compared to baseline

https://www.google.com/covid19/mobility/
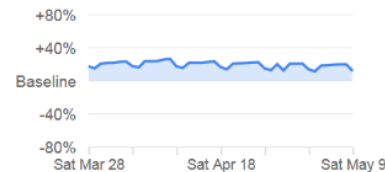
Lab Testing Data

Viral Testing Data in the U.S.

Other Languages ▾   Print Page

Updated May 17, 2020

TOTAL VIRAL TESTS REPORTED	POSITIVE VIRAL TESTS REPORTED	% OF POSITIVE VIRAL TESTS
10,847,778	1,563,353	14%

https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/testing-in-us.html

Covid-19 Case Cluster (past 48 hours)

https://www.cdc.gov/covid-data-tracker/index.html

Riverside County Data

https://www.rivcoph.org/coronavirus
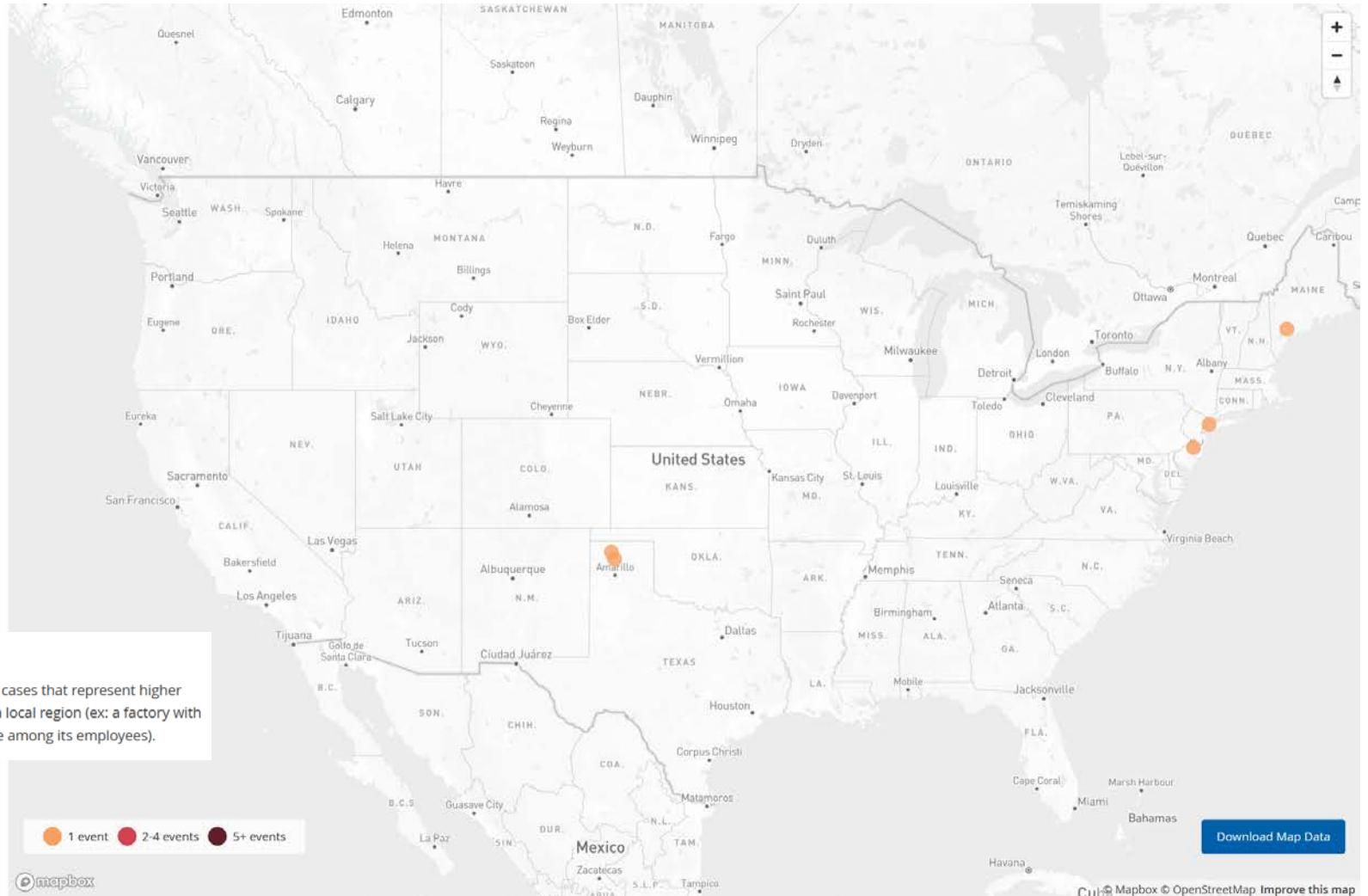
Daily Reports - *(Updated 5/15/2020)*
List of Confirmed Cases by City of Residence
List of Confirmed Cases by Zip Codes
Daily Epidemiology Summary
Daily Syndromic Surveillance Report

 Weekly Reports - *(Updated 5/15/2020)*
Characteristics of Deaths

https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/May/Dashboard/Daily_COVID-19_Updates_5.14.20_Public.pdf?ver=2020-05-14-152712-707&timestamp=1589495494432
Video explaining the data: https://vimeo.com/418673668

Weather

COVID-19 Weather Support

Issued:
1100 AM May 17, 2020

NATIONAL WEATHER SERVICE SAN DIEGO, CA

IMPACT SCALE

None — Minor — Moderate — High — Extreme

Resources

https://www.weather.gov/spot/
https://inws.ncep.noaa.gov
https://www.wrh.noaa.gov/sgx/event/dss table.php

(858) 675 - 8705
(24/7, Restricted)

Weather.gov/SanDiego

7-day forecast for counties in far southwest CA

Period May 17 - May 24 (24-hr)	Orange	SW San Bernardino	All Deserts	Western Riverside	San Diego
Sunday	None	Mild	Warm	Mild	None
Monday	Cooler Light rain	Breezy Light rain	Cooler Windy	Breezy Light rain	Cooler Light rain
Tuesday	Breezy	Breezy Lgt Shower	Cooler Windy AM	Breezy Cooler	Breezy Cooler
Wednesday	Warming	Warming	Warming Breezy	Warming	Warming
Thursday	Mild	Warm	Warm Breezy	Warm	Mild
Friday	None	Mild	Cooler Windy	Mild	None
Saturday	None	Cooler	Cooler Breezy	Cooler	None
Sunday	None	Warmer	Warmer Breezy	Warmer	None

Forecast Discussion

Temperatures will cool through Tuesday, and areas west of the mountains should see some light rain and drizzle starting tonight and continuing through Monday night, with light showers persisting into Tuesday morning on the slopes of the San Bernardino Mountains. Highest amounts will be on the coastal slopes with a few tenths of an inch accumulating (generally less than 0.10" for coast/valley areas). Strong west winds will affect desert-facing mountain slopes and all desert areas tonight through early Tuesday. Warming Wednesday and Thursday, with cooler conditions late week. Locally gusty for mountains/deserts again on Friday.