



****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

Wednesday, June 17, 2020

As of 10:00 AM

COVID-19 by the Numbers

06/17/2020

	Riverside	Imperial	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	11,638	3,939	3,496	75,051	9,163	7,463	9,732	343	2,090	1,676	157,015	2,104,346	8,061,550
Cases Per Capita	488	2,186	396	743	290	349	295	122	471	198	401	638	105
Total Deaths	395	52	58	2,959	233	229	323	1	21	41	5,208	116,140	440,290
Deaths Per Capita	16.57	28.85	6.57	29.30	7.36	10.72	9.78	0.36	4.73	4.83	13.30	35.22	5.75
% of State's Cases	7.41%	2.51%	2.23%	47.80%	5.84%	4.75%	6.20%	0.22%	1.33%	1.07%	7.46%	26.10%	
Currently in Hospitals	257	83	96	1,429	364	229	289	5	42	47	3,421		
Currently in ICU	65	21	39	412	151	77	130	2	13	13	1,109		
Case Fatality Rate	3.4%	1.3%	1.7%	3.9%	2.5%	3.1%	3.3%	0.3%	1.0%	2.4%	3.3%	5.5%	5.5%
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	329,801,900	7,656,605,000
% of Population	6.09%	0.46%	2.26%	25.79%	8.08%	5.45%	8.44%	0.72%	1.13%	2.17%	0.05%	0.0275%	

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.

*California-Demographics.com is made by Cubit – a demographic data provider & census.gov

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Riverside County

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Weather

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News

Health care workers in the frontlines of the struggle against COVID-19

- “I wished desperately that COVID-19 wouldn’t reach Yemen, as we are already suffering from cholera, diphtheria, dengue, malaria & malnutrition compounded with the ongoing conflict that has wrecked the already appalling health system,” said Khaled Mohammed, a laboratory technician in the polymerase chain reaction (PCR) COVID-19 department in the Central Laboratory in Sana’a.
- Yemen is the largest humanitarian crisis in the world, with more than 24 million people – some 80 per cent of the population – in need of humanitarian assistance, including more than 12 million children, and it is now facing another major threat to health security COVID-19, with just 50% of its health system operational the effects on Yemen will be catastrophic
- Aid workers report having to turn people away because they do not have enough medical oxygen or sufficient supplies of personal protective equipment. Additionally, when a health care worker dies from COVID-19 there is no one to take their place.
- Due to the ongoing conflict, health workers are not receiving their salaries. Still, they are working tirelessly to respond to the COVID-19 crisis in addition to a host of other communicable and noncommunicable diseases which continue to affect people across the country.

<http://www.emro.who.int/yem/yemen-news/health-care-workers-in-the-frontlines-of-the-struggle-against-covid-19.html?format=html>

<https://www.unicef.org/emergencies/yemen-crisis>

<https://www.bbc.com/news/world-middle-east-29319423>

<https://www.aljazeera.com/news/2020/05/yemen-health-system-collapsed-coronavirus-spreads-200522193458488.html>

National Institutes of Health: Cancer drug may reduce symptoms of severe COVID-19

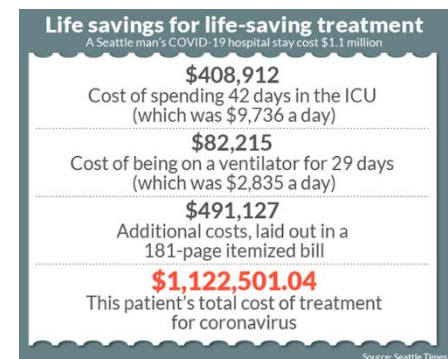
- Some patients with severe COVID-19 have a hyper immune system response. The immune system normally protects your body from microscopic infections, like bacteria and viruses, by attacking the infection. But an exaggerated immune response can damage the function of your organs, such as the lungs.
- This dangerous hyperinflammatory state in patients with severe COVID-19 is known as a cytokine storm. Cytokines act as chemical messengers that help to stimulate and direct the immune response. But when large amounts of cytokines are released in the body, it can be dangerous. Currently, there are no proven treatment strategies for this phase of the illness
- The results of this study were used to inform the design of a clinical trial to further investigate the drug's safety and efficacy.

<https://www.nih.gov/news-events/nih-research-matters/cancer-drug-may-reduce-symptoms-severe-covid-19>

Breaking down this ‘miracle’ COVID-19 survivor’s \$1.1 million hospital bill

- A Seattle COVID-19 survivor knew that he must have run up a pretty huge medical tab after spending March and April in the hospital, including more than a month in the intensive care unit. But Michael Flor, 70, told the Seattle Times that the 181-page, \$1.1 million hospital bill nearly gave him a heart attack.
- His insurance is footing the bill for most of his medical costs. And his remaining \$6,000 out-of-pocket expenses will probably be picked up by the more than \$100 billion that Congress has earmarked to help hospitals and insurance companies cover the costs of the COVID-19 pandemic. But Flor’s hospital bill still offers a fascinating look at the cost of treating a life-threatening illness such as COVID-19.

<https://www.marketwatch.com/story/breaking-down-this-miracle-covid-19-survivors-11-million-hospital-bill-2020-06-16>



Retired surgeon spread COVID-19 on flight, LA nursing home and no one knew

- According to the report, the 69-year-old former surgeon flew to LA to move to the Silverado Beverly Place assisted living facility for dementia care.
- Despite arriving from New York, which was hit hard by the virus the facility's employees told the Times that the patient was not quarantined upon arrival. The man was soon diagnosed with COVID-19, after he was hospitalized with a cough and fever a day after his flight.
- According to the *Times*, the LA County Health Department was not notified of the diagnosis for 11 days. By the point, all contact information regarding the individual was incomplete. The department closed attempts at tracing contacts after 14 days, the *Times* reported, as they were unable to interview the patient.
- None of the 49 passengers and eight crew on the flight were given any sort of notification. Even the airline was unaware, having reportedly only learned of the case from the *Times*.
- “Any delay in contacting exposed individuals will increase the likelihood of disease spread,” a CDC spokesman said.
<https://www.ijpost.com/international/retired-surgeon-spread-covid-19-on-flight-la-nursing-home-and-no-one-knew-631634>

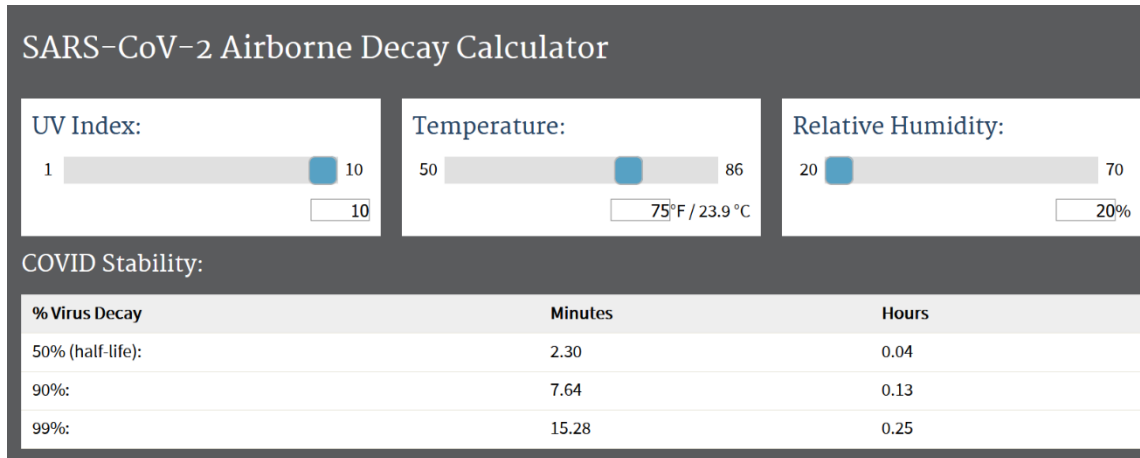
One Good Thing

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

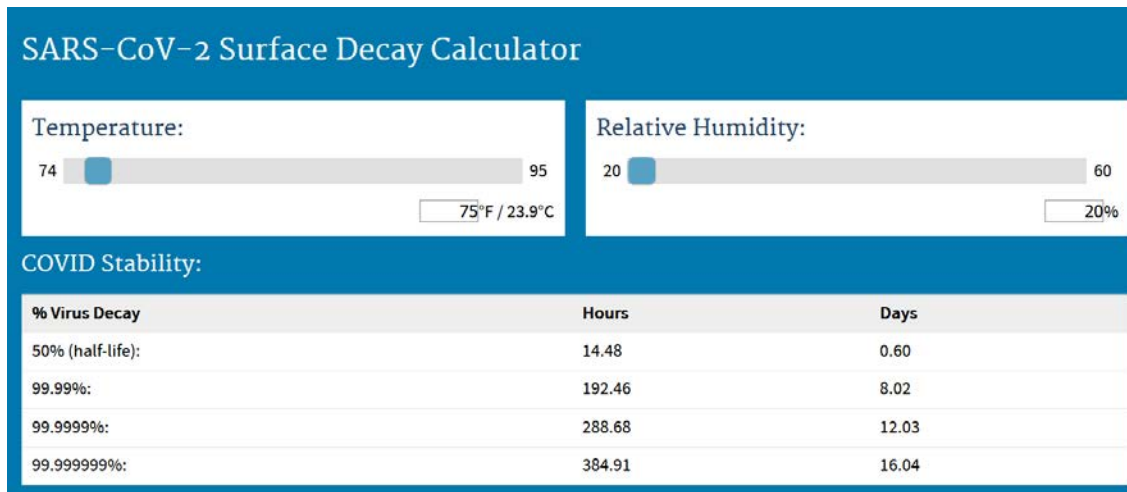
Information: How long does COVID live?

COVID-19: Probabilistic Analysis for National Threats Hazards and Risks (PANTHR)

<https://www.dhs.gov/science-and-technology/panthr>



<https://www.dhs.gov/science-and-technology/sars-airborne-calculator>



<https://www.dhs.gov/science-and-technology/sars-calculator>

Model Caveats

- It should be noted that in order to fully assess the hazard posed by aerosols containing SARS-CoV-2, additional information is needed, including how much infectious virus is shed by infected individuals into the air, and the amount of virus that needs to be inhaled to cause infection.
- The tool is valid for the following ranges of conditions: 50-86°F, 20-70% relative humidity, and UV indices of 1-10. The model currently doesn't allow for a UV index of 0. The model will be upgraded to expand the parameters for future iterations.

Model Caveats

- Infectious dose is unknown (how much makes a person sick)
- Virus shedding is unknown (how much a sick person puts into the environment)
- Contact Hazard (how much virus comes off from touching surfaces)
- Model can estimate virus decay at certain conditions: temperature (room temperature or 74°F to 95°F) and relative humidity from 20-60%, without exposure to direct sunlight.

U.S. Data

Covid-19 Case Cluster (past 48 hours)

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

Social Impact COVID-19 Events

4 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

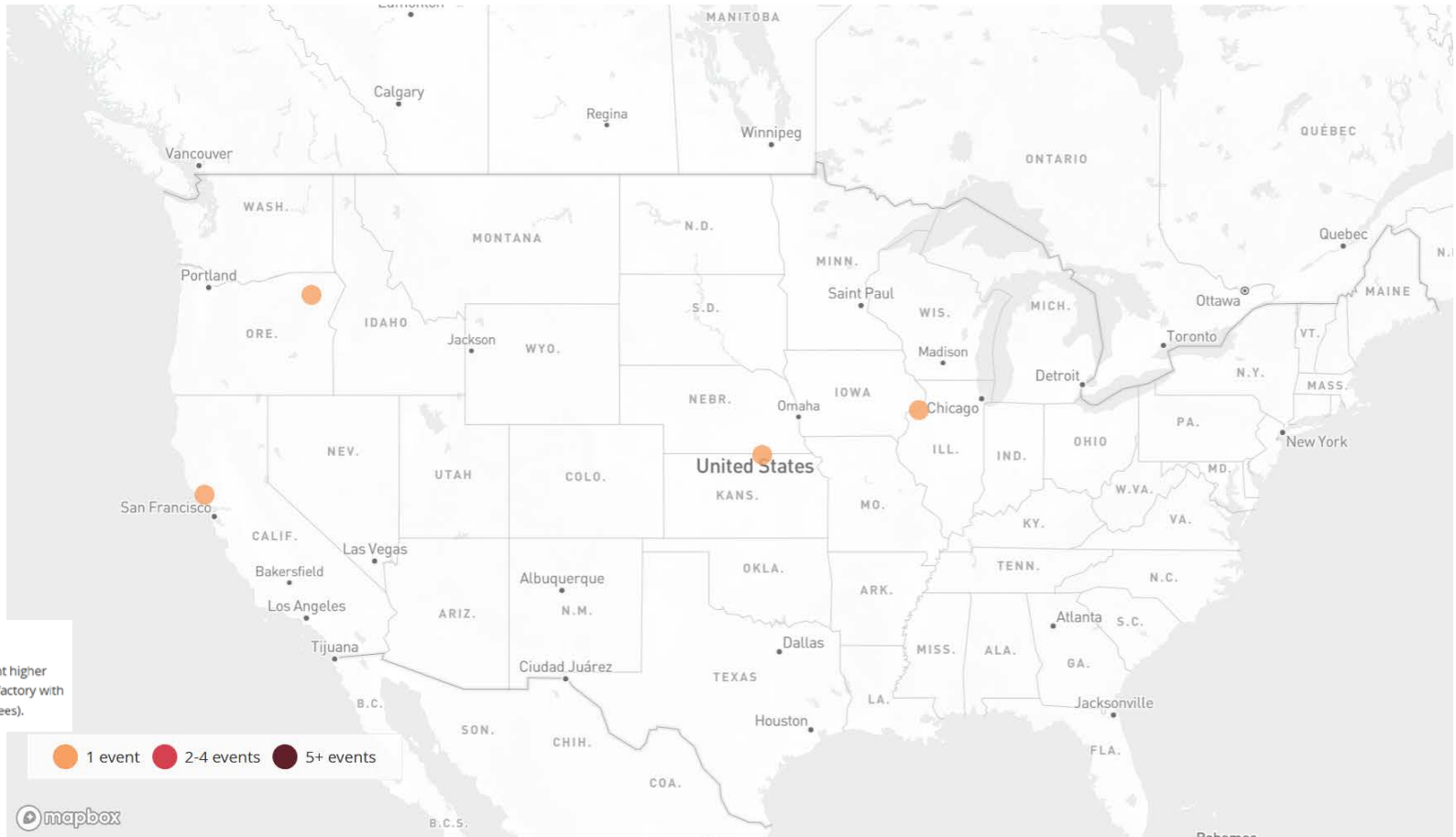
Past 48 hours

TYPE OF EVENT ?

COVID-19 Case Clusters

COVID-19 Case Clusters

The article describes a cluster of COVID-19 cases that represent higher than expected COVID-19 incidence within a local region (ex: a factory with a higher than expected COVID-19 incidence among its employees).



Domestic Supply Chain

GDP: The Federal Reserve Bank of Atlanta's latest estimate for real GDP growth for the 2nd QTR was -48.5%, up from -53.8% on June 4th.

CPG Demand: Multi-Outlet & Convenience (June 14, 2020)

2020 Week Ending	03.22	03.29	04.05	04.12	04.19	04.26	05.03	05.10	05.17	05.24	05.31	06.07	06.14
Total CPG	91	91	94	94	106	90	96	97	103	92	111	109	90
Total Edible	97	97	106	107	109	128	123	122	116	118	115	112	111
Beverages	129	99	101	100	98	108	108	108	108	107	108	111	111
Frozen	191	131	136	132	128	146	135	134	130	129	126	120	119
General Food	177	121	124	126	102	121	119	119	117	116	113	110	108
Beverage Alcohol	140	121	128	127	118	121	125	126	120	124	124	125	120
Refrigerated	162	121	127	127	115	134	127	125	120	119	115	115	114
Total Non Edible	126	102	101	100	104	108	107	108	105	105	104	102	106
Beauty	116	90	93	93	97	110	108	112	106	105	122	99	108
General Merch	143	110	103	103	108	115	116	117	112	110	107	106	107
Health	156	101	95	89	90	97	95	98	96	97	96	96	103
Home Care	130	125	118	115	119	130	118	119	116	120	113	110	121
Tobacco	106	94	98	98	100	101	103	103	102	102	103	103	103
Fresh Foods*	145	113	117	116	102	123	123	117	111	112	111	111	100
Deli Cheese*	148	116	118	116	105	121	119	117	114	113	111	115	112
Deli Meat*	136	108	108	101	102	118	108	106	105	105	106	107	103
Deli Prep*	79	64	60	56	65	68	66	68	60	73	74	74	71
Floral*	89	67	76	93	55	75	100	90	77	104	100	98	84
Meat*	162	138	143	145	118	151	152	142	126	121	119	119	117
Produce*	131	109	115	117	104	123	118	117	116	114	113	113	114
Bakery*	134	106	108	108	96	110	106	106	104	104	103	104	101
Seafood*	121	100	103	116	96	140	140	130	127	130	140	143	133

- For the week ending 6/7/20, Total CPG demand levels remain elevated vs. Year At a Glance (YAG) (109), but continued to decline incrementally on a sequential basis for the fourth week in a row.
- Demand for the Total Edible (112) and Total Non-Edible (102) departments decreased compared to the prior week, but Fresh Foods (111) stayed flat, driven by strong demand in Seafood (143), Meat (119) and Deli Cheese (115).
- Deli Prep (74) continued to show the weakest demand vs. YAG of any category by far, but increased slightly compared to demand for the category measured a week earlier.
- Seafood (up 43% vs. YAG) continued to show the strongest demand of any category, but demand declined for the second week in a row.

<https://advantage.iriworldwide.com/Engineering/covid19/>

Safety and Security

- 1.5M Americans filed for unemployment benefits for the week ending June 6, down from the 1.8M new claims the prior week. The four-week moving average of continuing claims fell to 21.9M, a decrease of 405K from last week. Total claims have fallen for 10 straight weeks but remains high relative to historical unemployment numbers. The official unemployment rate fell 0.4% to 14.4%.
- Civil unrest continues to negatively impact some business activities in parts of the country, however protests nationwide are largely non-violent and curfews have begun to expire in many jurisdictions without any move towards reinstatement.

CPG Demand: Grocery (June 14, 2020)

2020 Week Ending	03.22	03.29	04.05	04.12	04.19	04.26	05.03	05.10	05.17	05.24	05.31	06.07	06.14
Total CPG	177	128	124	121	118	136	127	127	123	120	119	119	115
Total Edible	187	132	140	136	129	142	130	129	126	124	121	120	116
Beverages	152	113	119	115	108	122	117	119	116	113	116	119	118
Frozen	197	133	144	139	133	154	136	139	134	132	129	126	123
General Food	199	135	142	137	117	141	126	128	125	123	116	118	113
Beverage Alcohol	155	121	140	135	119	143	140	141	135	126	128	128	117
Refrigerated	168	128	137	135	120	141	132	129	124	122	120	120	116
Total Non Edible	171	121	123	118	115	119	115	115	112	110	108	110	106
Beauty	151	112	117	111	114	120	116	117	114	114	112	113	110
General Merch	169	125	129	130	119	129	124	124	117	114	113	115	105
Health	183	117	113	102	101	132	98	100	99	99	96	103	103
Home Care	200	141	140	130	133	132	121	123	120	110	113	115	115
Tobacco	115	99	105	100	99	102	101	101	100	99	100	103	103
Fresh Foods*	144	114	119	123	102	127	124	120	114	114	113	114	110
Deli Cheese*	146	116	118	116	106	121	119	116	113	112	110	114	111
Deli Meat*	137	107	108	102	104	119	108	106	104	104	105	107	103
Deli Prep*	76	62	58	55	59	64	55	58	68	73	74	76	71
Floral*	86	63	68	104	50	74	95	95	82	101	101	100	80
Meat*	193	138	147	150	118	156	156	147	131	124	123	123	121
Produce*	131	112	118	121	105	126	118	118	116	114	113	115	115
Bakery*	136	109	113	115	98	116	110	109	107	106	106	108	103
Seafood*	116	98	103	116	95	130	130	131	143	151	147	144	133

- For the week ending 6/7/20, Total CPG demand (119) remained flat with the prior week. Total Edible (120) remained the department with the highest demand, despite declining 100 basis points from the prior week.
- For the first time since mid-May, demand in the Beverage Alcohol (128) category outpaced demand in the Frozen (126) category. All sub-categories within the Frozen category experienced a decline in demand compared to the prior week except Frozen Beverages, which increased by 100 basis points.
- Demand for Deli Prep (76) continues to be the only category with demand significantly lagging YAG but increased slightly, on a sequential basis, for the third consecutive week.

Food, Water, Shelter

- US pork processing capacity remained steady at 89%.
- Overstock estimates of above market weight hogs remained at 3.6M. Total overstock is projected to peak at 6.4M hogs by December. Overstock is likely to continue to fall as industry experiences accelerated recovery.
- Overstock cattle projections remained steady at 1.2M with an uncertainty range of 900K-1.5M. Similar to pork, it is likely that as industry stabilizes, overstock projections will continue to fall.
- CPI for food at home increased 4.8% in the last 12 months. Overall prices for food have risen 0.7% in May.

Medical

- Gowns continue to be cited as one of the most needed items of PPE.
- Procurement of PPE due to limited supply and virtually unlimited demand for PPE related to Covid- 19 mitigation is still an issue.

Transportation

Ground:

- The Federal Motor Carrier Administration extended the emergency hours-of-service waiver until July 14th which was set to expire June 14th. This federal waiver is now set to last at least four months.
- Outbound tender volumes posted the highest June 5th value in the last three years it has been tracked for this series, and is up 7% year-over-year. Growing volume has been spurred by produce harvests. Volume is expected to continue an upwards trajectory supported by agricultural harvests, reopening of heavy industry and manufacturing, as well as many states moving to less stringent restrictions. More volume is an indicator of economic restart.
- Outbound tender rejections have increased week- over-week for the fifth week in a row. Capacity is tightening in more markets, especially those that service harvests but still remains loose across most of the country.
- The national average price of gasoline has increased for the seventh straight week in a row, posting a rise of 4.7 cents per gallon over the last week to \$2.09 today. U.S. gasoline demand rose 2.4% last week to its highest level in over three months, and 9.5% higher than this time last month. While demand is 20-25% lower than this time last year, analyst confirm that an upward trend has developed. Refineries increased utilization by 1.3% to 73.1% of capacity last week. Gasoline production increased to 8.1 million barrels per day- the highest level since March stemming from increased consumer gasoline demand. Assuming conditions remain stable, it is likely that prices and demand will continue to climb, with analysts forecasting another 10 to 20 cent rise in consumer gas prices leading up to the 4th of July.

Rail:

- Intermodal volumes continue to improve, down 17% YoY, an improvement from the four-week average of 20%. It is expected that this rise will continue albeit slowly as industry reopens.

COVID-19 Update



Situation: FEMA and HHS continue leading the multiagency COVID-19 Response / Recovery efforts. 37,399 FEMA, DoD, HHS, VA, and CDC personnel deployed / activated; 2,552 FEMA employees deployed. Nationwide testing: 23,467,981 (+177,707) cumulative as of June 16

Lifelines Impacts:

Energy

- U.S. gasoline production increased to 8.1 million barrels per day due to increased consumer demand (FEMA SLB COVID-19, June 16)

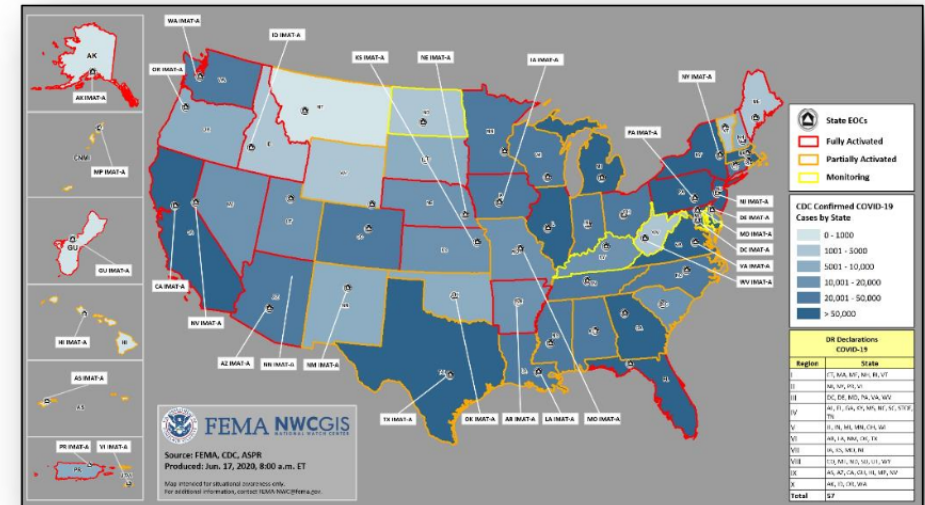
Testing and Diagnostics

- Wave 6 Media Shipments arrived on June 15; Wave 7 Swabs dispatched June 16 (FEMA SLB COVID-19, June 16)

Response:

- NRCC at Level I; Region I and II RRCCs at Level II; Region III, IV, V, VI, VIII, and X RRCCs at Level III; Region VII and IX RRCCs are rostered, COVID-19 response being worked from the Virtual JFOs
- NWC and all RWCs and MOCs at Steady State, continue to monitor

(FEMA SLB COVID-19, June 15)



COVID-19	Confirmed	Deaths
United States	2,104,346 (+18,577)	116,140 (+496)
Worldwide	7,823,289 (+132,581)	431,541 (+3,911)

State Data

<https://update.covid19.ca.gov/#top>
<https://covid19.ca.gov/>
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Guidance.aspx>
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/ncov2019.aspx#>

Statewide industry guidance to reduce risk

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

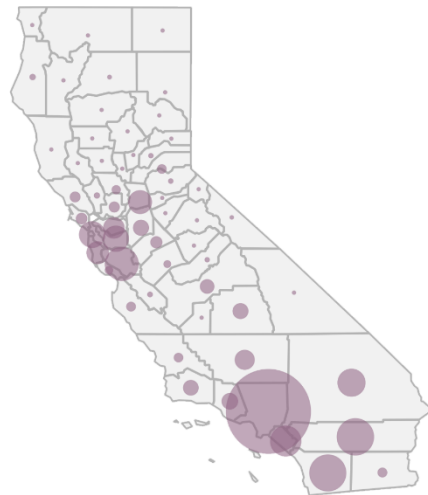
Open sectors in counties with variance

<https://covid19.ca.gov/roadmap-counties/#track-data>

California COVID-19 By The Numbers

June 16, 2020

Numbers as of June 15, 2020



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

CALIFORNIA COVID-19 SPREAD

153,560

Total Cases

Ages of Confirmed Cases

- 0-17: **10,702**
- 18-49: **83,254**
- 50-64: **34,290**
- 65+: **25,109**
- Unknown/Missing: **205**

Gender of Confirmed Cases

- Female: **75,416**
- Male: **77,466**
- Unknown/Missing: **678**

Hospitalizations

Confirmed COVID-19
3,335/1,069
Hospitalized/in ICU

Suspected COVID-19
1,127/203
Hospitalized/in ICU

5,121

Fatalities

Your actions **save lives.**

covid19.ca.gov





RIVERSIDE COUNTY COVID-19 CASES

DATA SUMMARY

Jun 16, 2020 -

TOTAL CASES
11,694

NEW CASES
409

TOTAL DEATHS
395

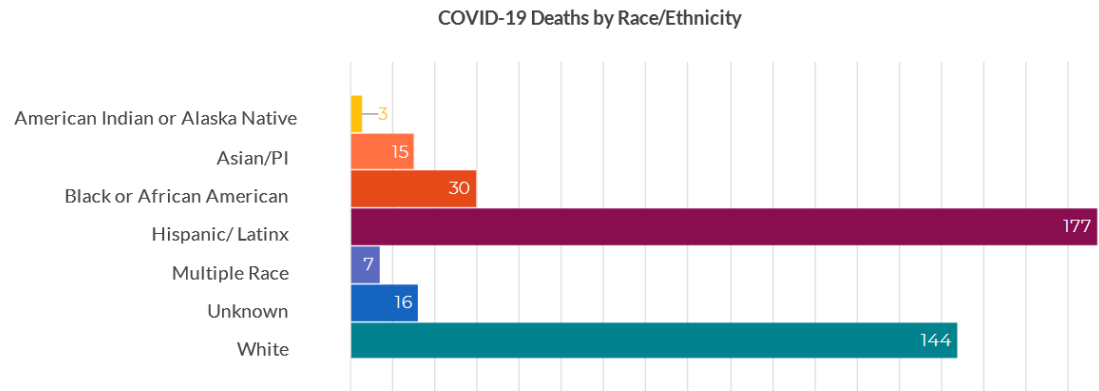
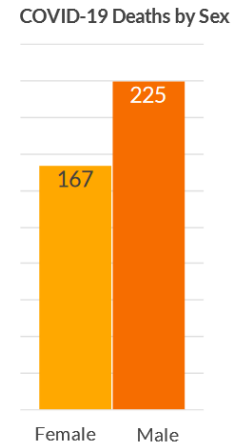
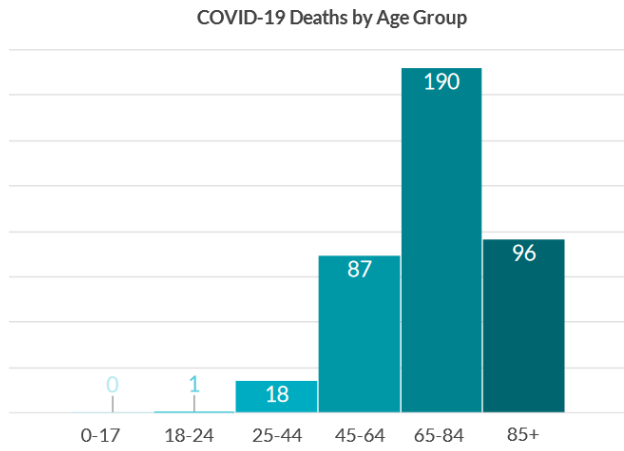
NEW DEATHS
12

TOTAL RECOVERED
6,165

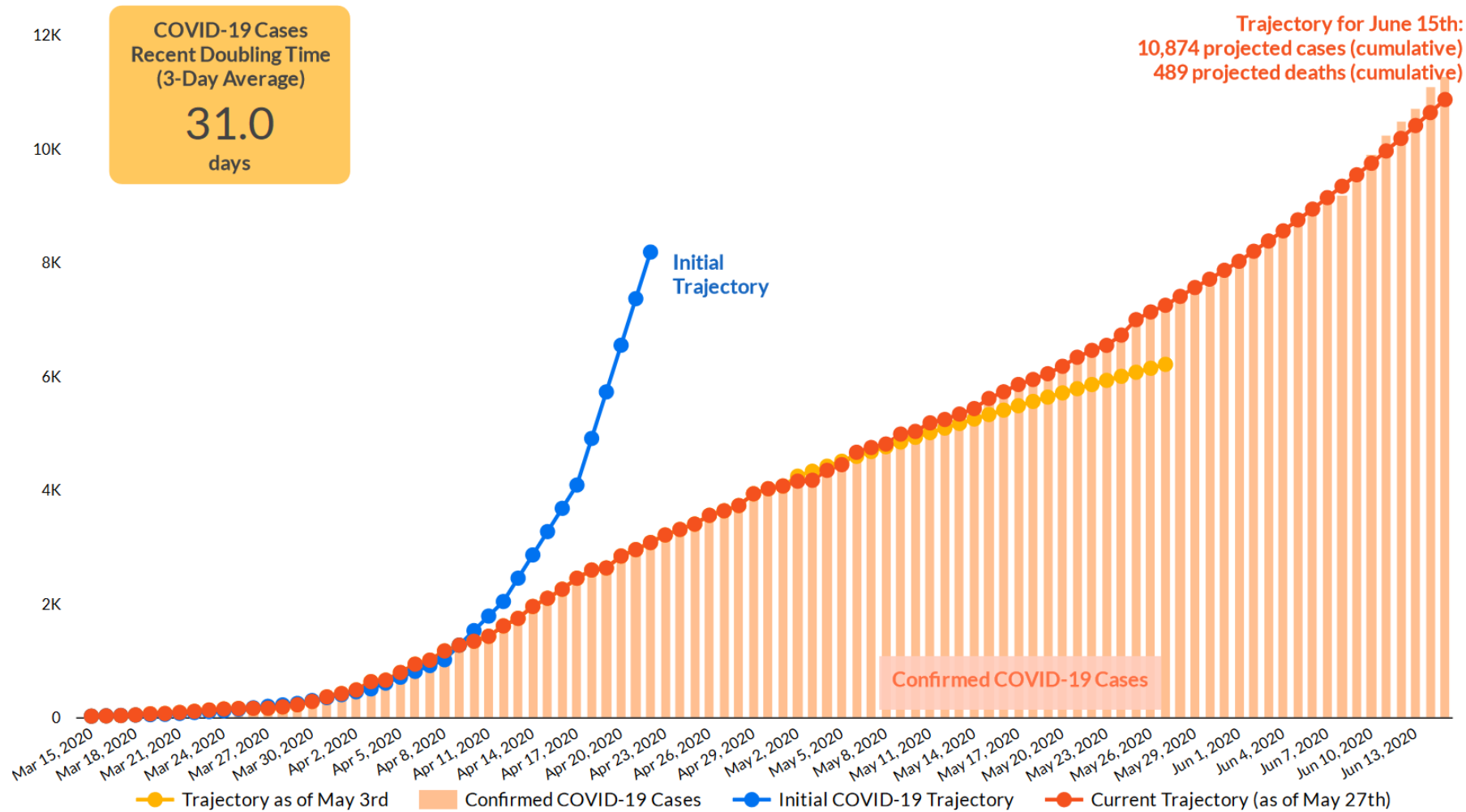
CURRENT HOSPITALIZED
(includes ICU)
237

CURRENT ICU
65

DOUBLING TIME
31.0



American Indian or Alaska Native % Death	Asian/PI % Death	Black or African American % Death	Hispanic/Latinx % Death	Multiple Race % Death	Unknown % Death	White % Death
0.8	3.8	7.7	45.2	1.8	4.1	36.7



MAJOR EVENTS:

- March 13th: Public Health Officer orders school closure
- March 19th: California Governor orders stay at home
- April 4th: Public Health Officer orders stay at home and cover the face
- April 18th: Asymptomatic testing begins
- May 1st: Riverside County reverts to State orders
- May 8th: Riverside County begins Phase 2
- May 22nd: Riverside County accelerates to Phase 2.5
- May 25: Memorial Day
- June 1: Protest Downtown Riverside

City of Norco Advisory: How to Celebrate the Fourth of July at Home

This Fourth of July, you don't have to leave the house to have a good time, as the City of Norco has prepared a "House Party Celebration Guide," complete with patriotic cookout recipes, crafts and contests for the entire family!

To download the Celebration Guide, visit www.norco.ca.us/July4.


Weather

**COVID-19
Weather
Support**

Issued:

1100 AM June 16, 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/dstable.php>

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

Weather.gov/SanDiego

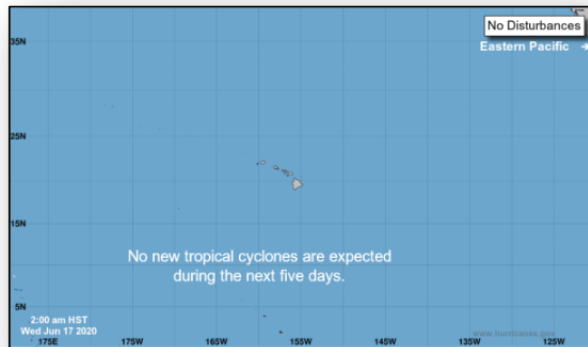
7-day Forecast for Counties in far Southwest CA						
Period June 16 - June 23 (24-hr)	Orange	SW San Bernardino	All Deserts	Western Riverside	San Diego	
Today	None	None	Breezy	None	None	
Wednesday	None	None	Warm	None	None	
Thursday	None	None	Warm	None	None	
Friday	None	None	Warm	None	None	
Saturday	None	None	Warm	None	None	
Sunday	Warm	Warm	Warmer	Warm	Warm	
Monday	Warm	Warm	Hot	Warm	Warm	
Tuesday	Warm	Warm	Hot	Warm	Warm	

Forecast Discussion

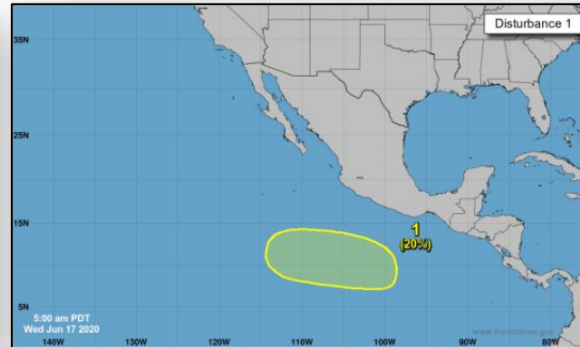
Tranquil weather with near normal temperatures will continue for much of this week. Seasonal summer warmth in the deserts will still require typical heat safety precautions to be taken. The deserts will also see some breezy conditions this afternoon and evening. Maximum wind gusts will be 30-40 MPH, locally up to 50 MPH in favored desert slope passes. Temperatures will slowly increase by early next week above average, with the lower deserts seeing the highest increase with temperatures near 110 by next Monday.



Tropical Outlook – Five Day



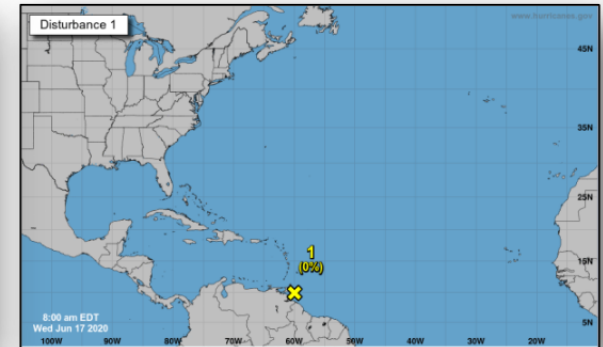
Central Pacific



Eastern Pacific

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

- Expected to form well S of the southern coast of Mexico
- Some slow development is possible this weekend while it moves W, offshore of Mexico
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (20%)

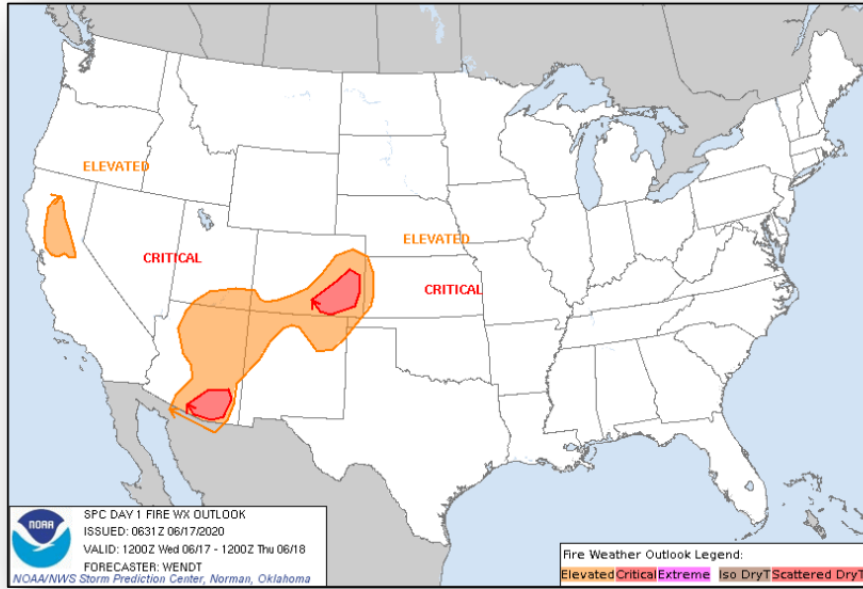


Atlantic

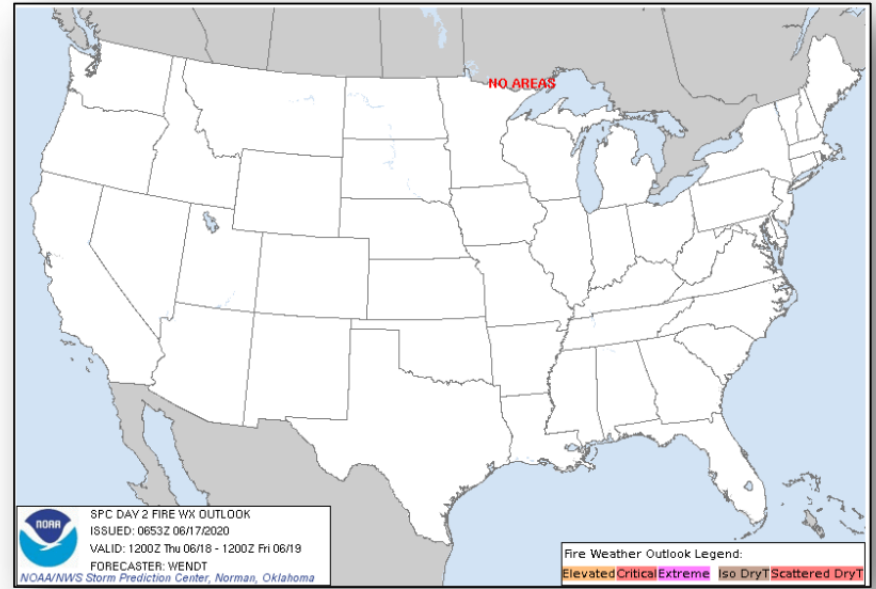
Disturbance 1 (as of 8:00 a.m. ET)

- Westward moving tropical wave
- Upper level winds are forecast to be unfavorable for further development
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (near 0%)

Fire Weather Outlook



Today



Tomorrow