****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
Thursday, March 11, 2021
As of 10:00 AM

COVID-19 by the Numbers

3/11/2021	Riverside	Imperial	Kern	Los Angeles*	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	280,562	27,045	92,924	1,167,967	246,989	282,971	263,745	19,672	32,314	78,526	3,513,678	68,700,371	117,799,584
New Cases	99	12	67	4,558	89	77	473	16	21	0	6,412	87,091	446,872
Total Cases Per Capita	11,367	14,112	10,021	11,386	7,650	12,761	7,825	4,311	7,282	9,209	8,756	20,812	1,521
New Cases Per Capita	4.01	6.26	7.23	44.44	2.76	3.47	14.03	3.51	4.73	0.00	15.98	26.38	5.77
Recovered	282,168	23,986	37,288	Not Reported	237,859	283,151	255,050	19,433	31,795	76,977	1,895,161	20,641,202	94,398,099
Total Deaths	3,940	659	942	22,099	4,313	3,180	3,405	248	424	901	54,621	176,069	2,615,018
New Deaths	28	0	0	58	61	4	15	1	0	6	226	1,316	9,332
Deaths Per Capita	159.63	343.86	101.59	215.44	133.59	143.41	101.03	54.34	95.55	105.66	136.11	53.34	33.76
% of State's Cases	7.98%	0.77%	2.64%	33.24%	7.03%	8.05%	7.51%	0.56%	0.92%	2.23%	5.11%	**58.32%**	
Currently in Hospitals	254	14	104	1,056	277	237	334	14	46	90	3,625		
Total Hospital Beds	3,339	234	1,112	19,297	5,781	3,520	6,467	460	603	1,151	65,449		
Currently in ICU	54	8	33	344	73	48	100	3	13	20	992		
ICU Beds Available	75	3	33	557	243	131	271	21	43	52	2,117		
Case Fatality Rate	1.40%	2.44%	1.01%	1.89%	1.75%	1.12%	1.29%	1.26%	1.31%	1.15%	1.55%	0.26%	2.22%
Population*	2,468,145	191,649	927,251	10,257,557	3,228,519	2,217,398	3,370,418	456,373	443,738	852,747	40,129,160	330,100,590	7,745,123,000
% of Population	6.15%	0.48%	2.31%	25.56%	8.05%	5.53%	8.40%	1.14%	1.11%	2.13%	1.06%	**0.8870%**	

Sources: CDPH, WHO, CDC, Local County Data

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 from State Database Blueprint Data Chart 12-15-20 & census.gov . Presumptive active cases - A calculation (Total Cases - Recovered - Dead) (* LA County does not report recovery rates)

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

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.

One year ago today: WHO characterizes COVID-19 as a pandemic 11 March 2020

- Speaking at the COVID-19 media briefing, the WHO Director-General said:
- "WHO has been assessing this outbreak around the clock and we are deeply concerned both by the alarming levels of spread and severity, and by the alarming levels of inaction.
- We have therefore made the assessment that COVID-19 can be characterized as a pandemic.
- Pandemic is not a word to use lightly or carelessly. It is a word that, if misused, can cause unreasonable fear, or unjustified acceptance that the fight is over, leading to unnecessary suffering and death.
- Describing the situation as a pandemic does not change WHO's assessment of the threat posed by this virus. It doesn't change what WHO is doing, and it doesn't change what countries should do.
- We have never before seen a pandemic sparked by a coronavirus. This is the first pandemic caused by a coronavirus.
- And we have never before seen a pandemic that can be controlled, at the same time."

https://www.who.int/emergencies/diseases/novel-coronavirus-2019/events-as-they-happen
Twitter:https://twitter.com/WHO/status/1237777021742338049?ref_src=twsrc%5Etfw%7Ctwcamp%5Etweetembed%7Ctwterm%5E1237777021742338049%7Ctwgr%5E%7Ctwcon%5Es1_c10&ref_url=https%3A%2F%2Fwww.who.int%2Femergencies%2Fdiseases%2Fnovel-coronavirus-2019%2Fevents-as-they-happen

Brazil plunges into crisis as a second wave and deadly new variant overwhelm hospitals

- A second wave of Covid-19 is ripping through Brazil, pushing hospitals and ICUs toward collapse and claiming record numbers of daily deaths.
- While a new variant of the coronavirus spreads throughout the country, many Brazilians continue to defy mask mandates mobility restrictions following the example of President Jair Bolsonaro, who recently said people need to "stop being sissies" and "whining" about the virus.

https://www.cnn.com/2021/03/10/americas/brazil-variant-covid-icu-crisis-intl/index.html

Drug Regulator Backs Astra Shot After Suspensions in Europe

- The European Union's drugs regulator said the benefits of AstraZeneca Plc's Covid-19 vaccine continue to outweigh the risks, and the shot can still be administered while investigations of possible blood clots are ongoing.
- The European Medicines Agency reiterated that there is currently no indication that the Astra vaccine caused these conditions, which aren't listed as side effects. The EMA issued the statement as Denmark, Italy and Norway joined other European countries in temporarily suspending use of some or all of their Astra Covid shots. The regulator is investigating the concerns.

https://www.bloomberg.com/news/articles/2021-03-11/denmark-suspends-astrazeneca-vaccine-over-blood-clots-concerns-km4q8s90

Related

Oxford-AstraZeneca: EU regulator says 'no indication' vaccine linked to blood clots

https://www.bbc.com/news/world-europe-56357760

Experimental Covid-19 pill shows promise in preliminary testing

- The FDA has only approved one anti-viral drug for emergency use so far: Remdesivir. It's been authorized to treat only people with severe Covid cases.
- Drugmaker Merck is now reporting promising results from a study that tested its experimental Covid pill.
  https://www.cnbc.com/video/2021/03/09/experimental-covid-19-pill-shows-promise-in-preliminary-testing.html

New Biotechnology Covid Treatment Reduces Risk of Death

- GlaxoSmithKline Plc and Vir Biotechnology Inc. said their Covid-19 antibody therapy showed a significant reduction of hospitalization and death for at-risk patients in an advanced-stage trial that progressed faster than expected.
- The companies said Thursday that they will immediately seek emergency-use authorization in the U.S. after they finished a late-stage study early on the recommendation of an independent monitoring board. The treatment, VIR-7831, reduced the numbers of patients who were hospitalized or died by 85% compared to a placebo, the companies said.
  https://www.bloomberg.com/news/articles/2021-03-11/glaxo-vir-biotechnology-covid-treatment-reduces-risk-of-death

Aspirin may protect against COVID-19, Israeli research finds

- People who take small doses are 29% less likely than others to test positive, researchers say; those who do get COVID recover faster, and with reduced aftereffects
  https://www.timesofisrael.com/aspirin-may-protect-against-covid-19-israeli-research-finds/

Obama, Bush, Clinton and Carter promote COVID-19 vaccine in ads

- Former presidents Barack Obama, George W. Bush, Bill Clinton and Jimmy Carter and their first ladies came together for a series of ads promoting the COVID-19 vaccines. One video shows all of them getting the shot.
  https://www.cnet.com/health/quartet-of-former-presidents-promote-covid-19-vaccine-in-ads/
  Youtube: https://www.cnet.com/health/quartet-of-former-presidents-promote-covid-19-vaccine-in-ads/

Biden to sign $1.9 trillion Covid-19 relief package into law Thursday

- President Joe Biden will sign his sweeping $1.9 trillion Covid-19 economic relief package into law on Thursday afternoon, the White House said. He had originally been expected to sign it on Friday.
  https://www.cnn.com/2021/03/11/politics/biden-sign-covid-bill/index.html

Related

California's robust budget will get another $26 billion from new COVID-19 stimulus

https://www.latimes.com/california/story/2021-03-11/california-budget-26-billion-covid-19-stimulus

Utah woman, 39, dies 4 days after 2nd dose of COVID-19 vaccine; autopsy ordered

- During a KUTV investigation into COVID-19 vaccine side effects and where to report them, we found four reported deaths, filed by Utah families and their caregivers to the CDC's Vaccine Adverse Effects Reporting System.
- One case stood out, a 39-year-old single mom from Ogden who died four days after her second dose of the Moderna COVID-19 vaccine. Her family, who is now waiting on an autopsy, held a celebration of life for her this past weekend.
  https://kutv.com/news/local/utah-woman-39-dies-4-days-after-2nd-does-of-covid-19-vaccine-autopsy-ordered

U.S. Data

https://covid.cdc.gov/covid-data-tracker/#cases_casesper100klast7days

United States COVID-19 Cases and Deaths by State

Reported to the CDC since January 21, 2020

TOTAL CASES	7-DAY CASE RATE PER 100,000	TOTAL DEATHS
28,992,598	143.6	526,213
+52,815 New Cases		+1,503 New Deaths

CDC | Updated: Mar 10 2021 12:26PM

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

Total Vaccine Doses

Delivered	127,869,155
Administered	95,721,290

Learn more about the distribution of vaccines.

People Vaccinated	At Least One Dose	Fully Vaccinated
Total	62,451,150	32,904,161
% of Total Population	18.8%	9.9%
Population ≥ 18 Years of Age	62,387,489	32,880,833
% of Population ≥ 18 Years of Age	24.4%	12.9%
Population ≥ 65 Years of Age	33,074,767	16,811,802
% of Population ≥ 65 Years of Age	61.2%	31.1%

Read more about how these data are reported.

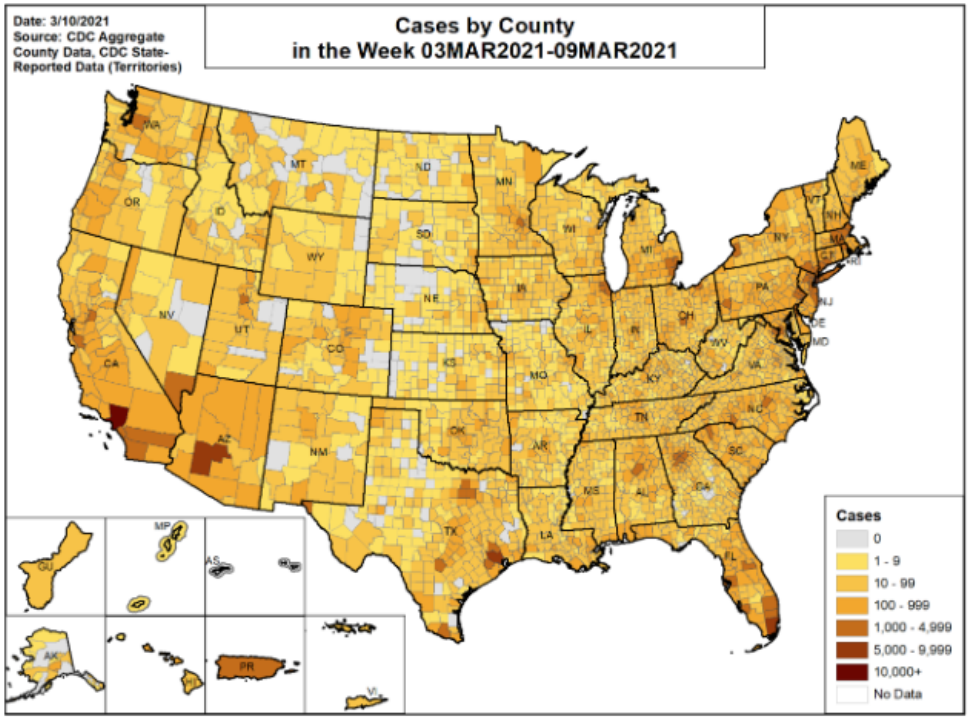
CDC |Data as of: Mar 10 2021 6:00am ET | Posted: Mar 10 2021 12:26PM ET

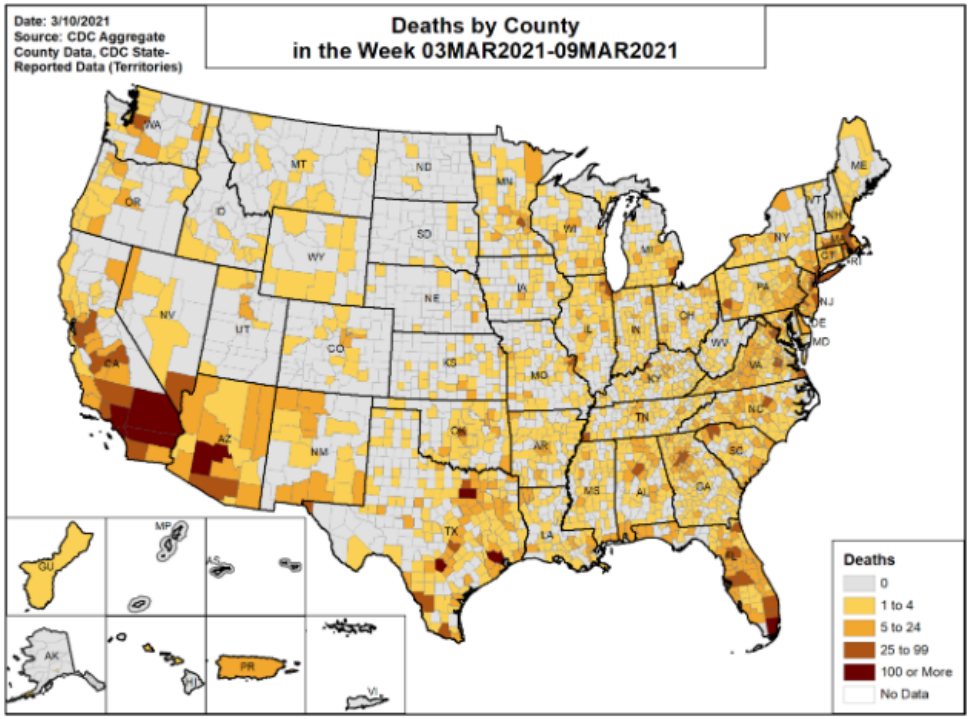
Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

NUMBER OF NEW CASES AND DEATHS IN THE LAST 7 DAYS

Total Cumulative Cases: 28,992,598
New Cases in Last 7 Days: 476,646
Percent Change from Previous 7 Days: +6.5%

Total Cumulative Deaths: 526,213
New Deaths in Last 7 Days: 10,833
Percent Change from Previous 7 Days: -22.6%



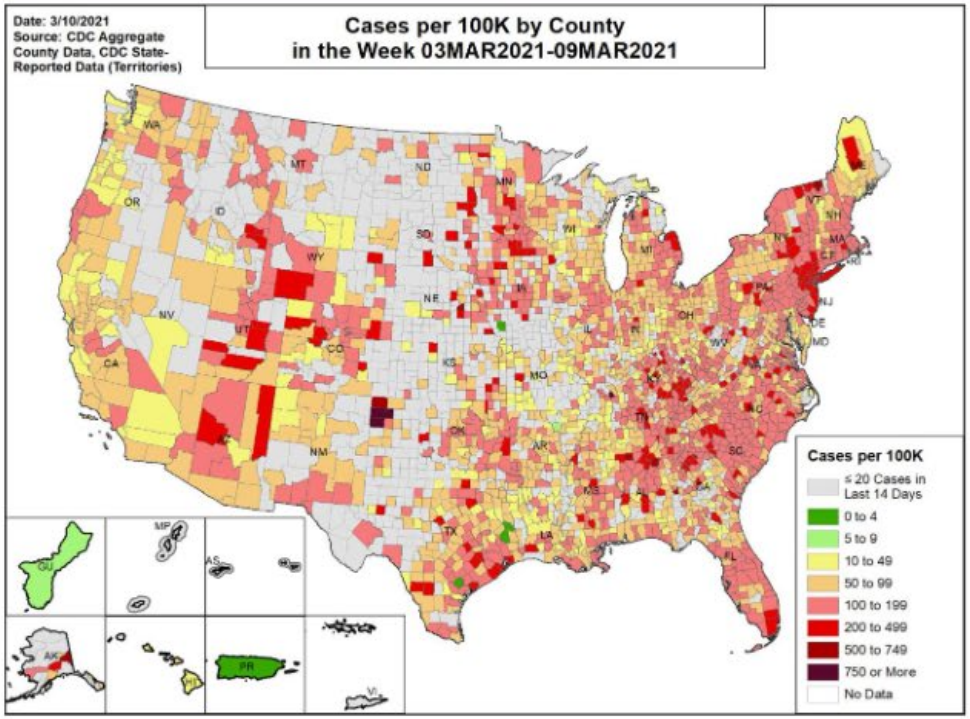


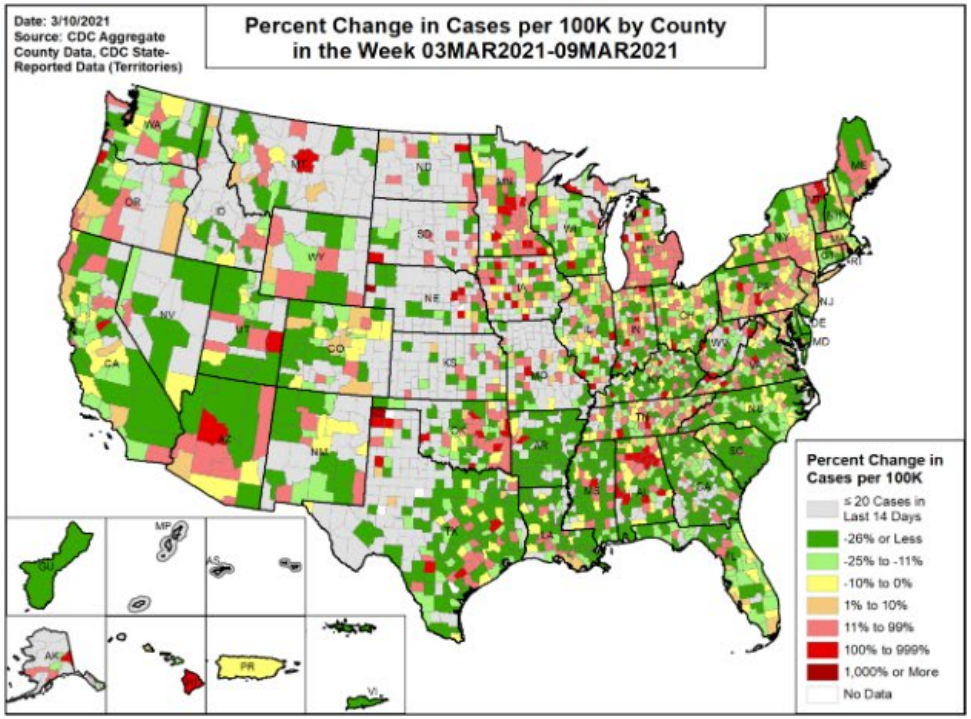
Missouri data includes a backlog of 81,608 probable cases in the current 7-day window due to the addition of antigen case reporting.
Virginia deaths reported in the current 7-day window contain a significant number of additional deaths that occurred earlier in 2021.
Ohio changed their method of reporting COVID-19 deaths as of 3/2/2021 and will only report twice per week and will report deaths on the day of death, not on the day of report. This will result in artificially low deaths in recent weeks due to delayed reporting.

CASE INCIDENCE IN LAST 7 DAYS AND COMPARISON TO THE PREVIOUS 7 DAYS

Incidence Rate in the Last 7 Days: 143.6 per 100,000

Percent Change from Previous 7 Days: +6.5%

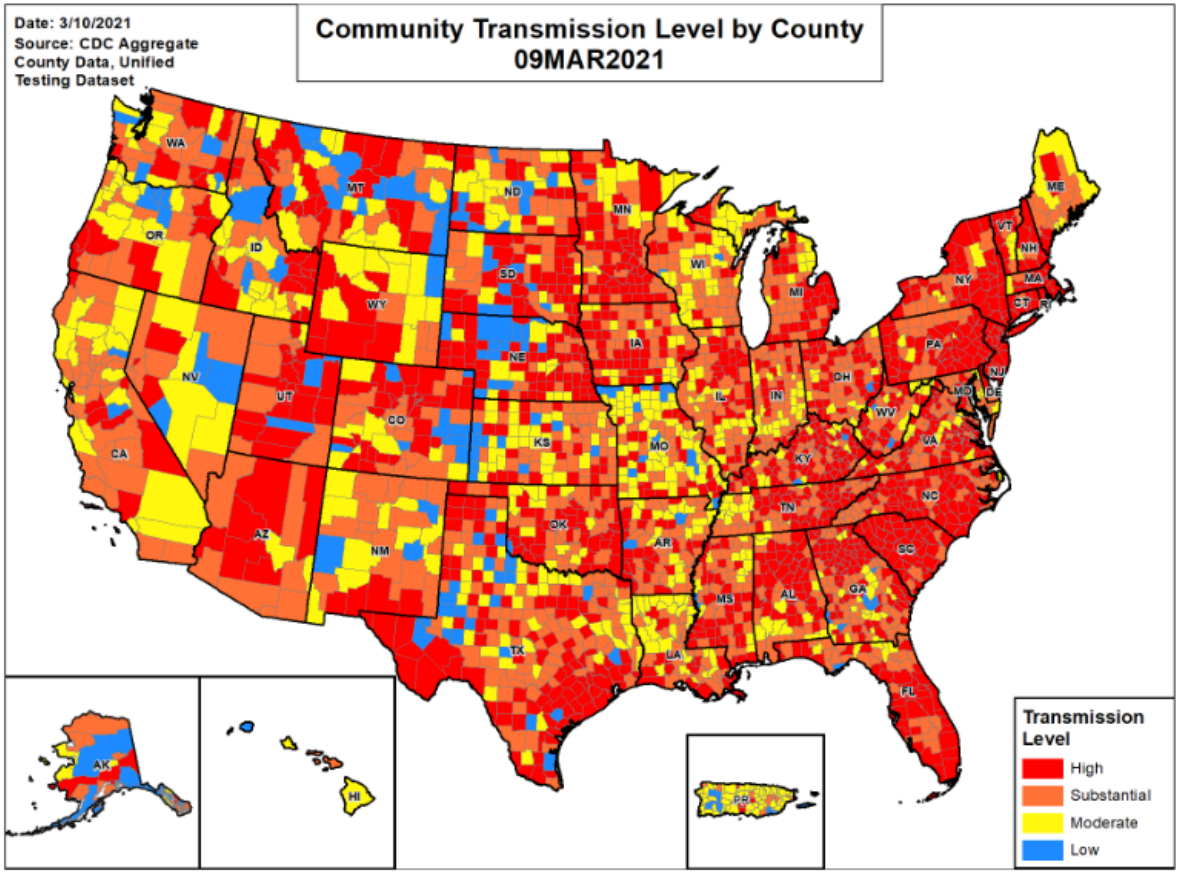




INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

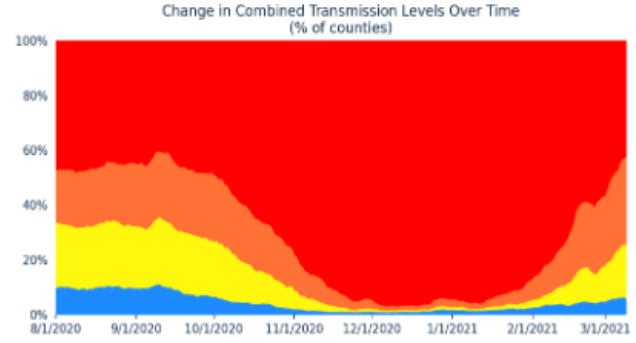
Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

COMMUNITY TRANSMISSION LEVEL



Counties by Community Transmission Indicator				
Cases per 100k	0 to 9	10 to 49	50 to 99	100 +
# of counties (change)	188 (↑18)	686 (↑187)	1111 (↑193)	1235 (↓398)
% of counties (change)	5.8% (↑0.6%)	21.3% (↑5.8%)	34.5% (↑6.0%)	38.4% (↓12.4%)
Test Positivity	0.0% to 4.9%	5.0% to 7.9%	8.0% to 9.9%	10.0% +
# of counties (change)	1897 (↑266)	722 (↓56)	245 (↓58)	356 (↓152)
% of counties (change)	58.9% (↑8.3%)	22.4% (↓1.7%)	7.6% (↓1.8%)	11.1% (↓4.7%)

Counties by Combined Transmission Level				
Category	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
# of counties (change)	172 (↑24)	636 (↑187)	1027 (↑170)	1385 (↓381)
% of counties (change)	5.3% (↑0.7%)	19.8% (↑5.8%)	31.9% (↑5.3%)	43.0% (↓11.8%)

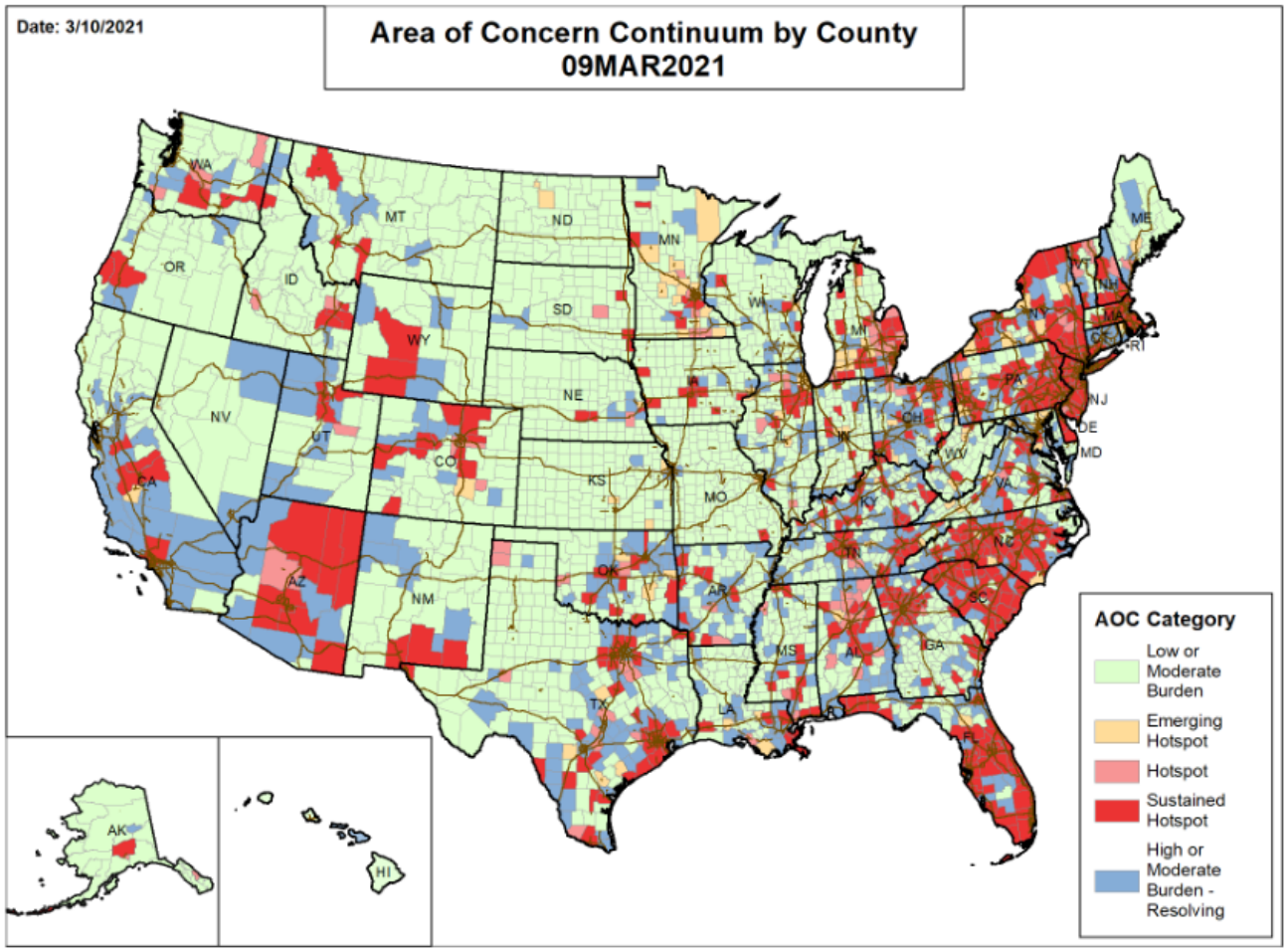


Source: CDC Aggregate County Dataset (cases), Unified Testing Dataset (tests)
Notes: Combined Transmission Level is the higher threshold among cases and testing thresholds.

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

AREA OF CONCERN CONTINUUM



The Areas of Concern Continuum (AOCC) is used to describe communities as they progress through stages of the epidemic. There are 7 possible AOC classifications based on current and recent history of case and testing data for the location:

(1) **Low Burden** – communities with minimal activity

(2) **Moderate Burden** – communities with moderate disease activity

(3) **Emerging Hotspot** – communities with a high likelihood to become hotspots in the next 1-7 days

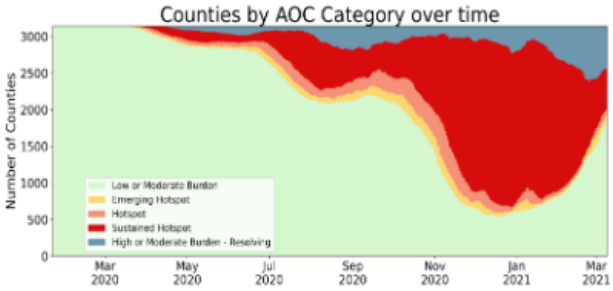
(4) **Hotspot** – communities that have reached a threshold of disease activity considered as being of high burden

(5) **Sustained Hotspot** – communities that have had a high sustained case burden and may be higher risk for experiencing healthcare resource limitations

(6) **High Burden – Resolving** – communities that were recently identified as hotspots and are now improving

(7) **Moderate Burden – Resolving** – communities that have a moderate level of burden, but are demonstrating improvement

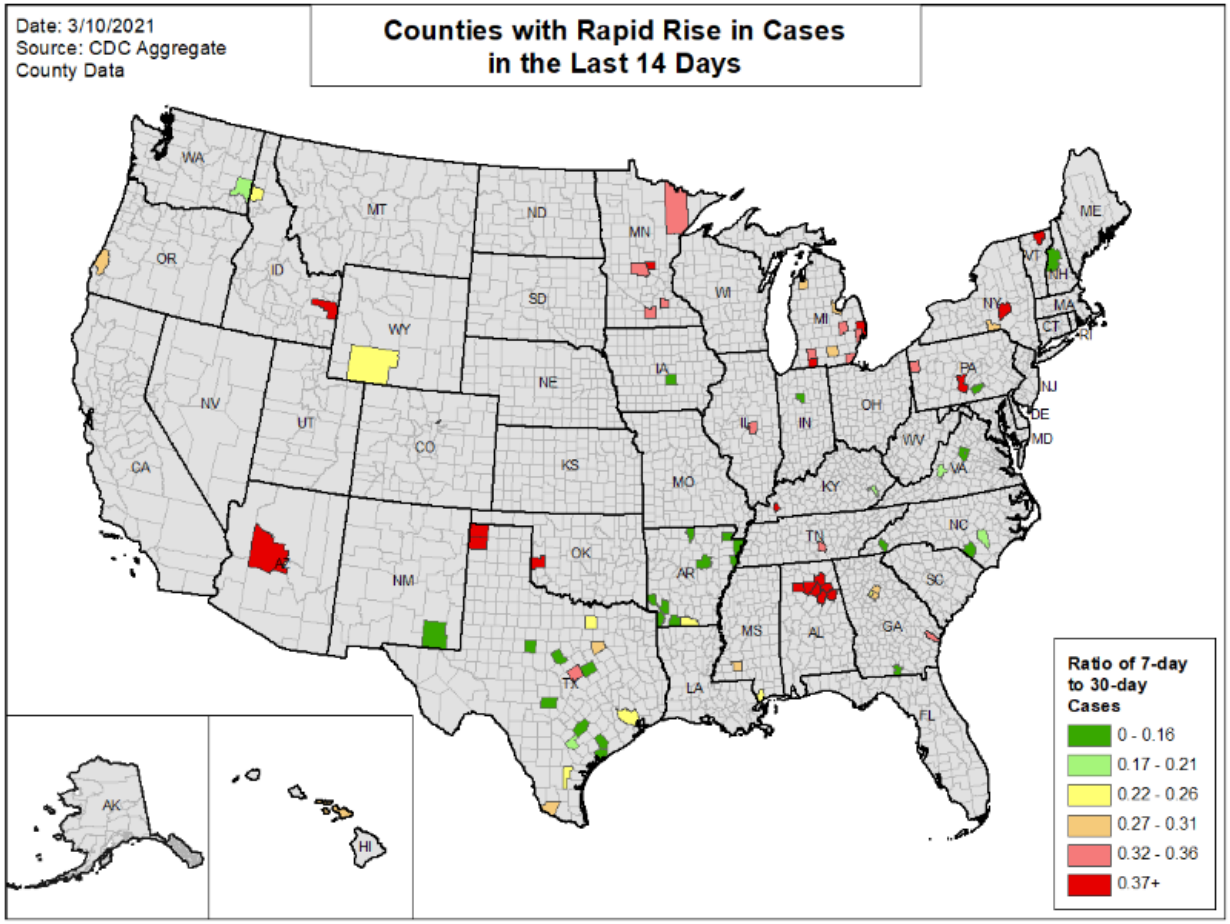
See Data Sources/Methods slides for more information.



INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

AREA OF CONCERN CONTINUUM - RAPID RISER COUNTIES



This map shows counties that have seen a rapid rise in cases within the last 14 days by meeting the following **Rapid Riser County** criteria:

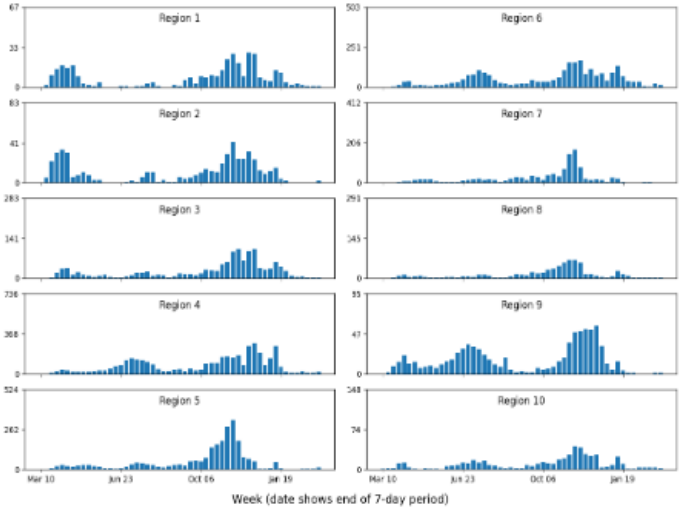
- >100 new cases in last 7 days
- >0% change in 7-day incidence
- >-60% change in 3-day incidence
- 7-day incidence / 30-day incidence ratio >0.31
- one or both of the following triggering criteria:
  (a) >60% change in 3-day incidence,
  (b) >60% change in 7-day incidence

The color indicates *current* acceleration in cases (ratio of 7-day to 30-day cases). Counties in **light red** and **red** are continuing to see accelerating cases in the most recent week, while those in **dark green** and **green** may have seen declines in the most recent week.

The bar charts below show the history of rapid riser counties by FEMA region and week, indicating when different geographic areas have seen the greatest acceleration in cases.

# of Distinct Rapid Riser Counties by Week and FEMA Region

(vertical axis scaled to number of counties in region)



Week (date shows end of 7-day period)

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

NATIONAL AND REGIONAL METRICS

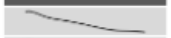
National Metrics

	Last 7 days					Change from previous week					Daily case trend - last 8 weeks
	Cases (per 100k)	Viral (RT-PCR) lab test positivity	Confirmed admissions (per 100 beds)	ICU COVID-19 utilization	Deaths (per 100k)	Pct change in cases	Absolute change in test pos.	Pct change in conf. adm. per 100 beds	Absolute change in ICU COVID-19 util.	Pct change in deaths	
U.S Total - Last 7 Days	476,646 (144)	4.2%	34,573 (5)	12%	10,833 (3.3)	+6%	-0.5%	-13%	-2%	-23%	
U.S. Total - 1 Week Ago	447,705 (135)	4.7%	39,681 (5)	14%	13,994 (4.2)	-2%	-0.6%	-13%	-3%	-4%	
U.S. Total - Dec 2020 Peak	1,549,852 (467)	14.5%	105,986 (15)	30%	18,819 (5.7)						
U.S. Total - Nov 2020 Peak	1,232,132 (371)	10.9%	85,932 (12)	24%	11,598 (3.5)						
U.S. Total - Oct 2020 Peak	564,876 (170)	7.3%	44,137 (6)	13%	5,741 (1.7)						
U.S. Total - Sep 2020 Peak	305,879 (92)	5.4%	28,383 (4)	12%	6,298 (1.9)						
U.S. Total - Aug 2020 Peak	439,558 (132)	8.4%	40,202 (6)	17%	8,034 (2.4)						
U.S. Total - Jul 2020 Peak	470,941 (142)	10.5%	N/A	N/A	7,832 (2.4)						
U.S. Total - Jun 2020 Peak	289,398 (87)	9.0%	N/A	N/A	7,164 (2.2)						
U.S. Total - May 2020 Peak	196,415 (59)	13.6%	N/A	N/A	13,816 (4.2)						
U.S. Total - Apr 2020 Peak	223,530 (67)	20.9%	N/A	N/A	20,003 (6.0)						

There are discrepancies between federal and state data on New Hampshire's test positivity. These differences are being investigated.

Last 7 days indicates cases/deaths data from 3/3-3/9, admissions data from 3/2-3/8, and testing data from 3/1-3/7.

Regional Metrics

FEMA Region (Population)	Last 7 days					Change from previous week					Daily case trend - last 8 weeks
	Cases (per 100k)	Viral (RT-PCR) lab test positivity	Confirmed admissions (per 100 beds)	ICU COVID-19 utilization	Deaths (per 100k)	Pct change in cases	Absolute change in test pos.	Pct change in conf. adm. per 100 beds	Absolute change in ICU COVID-19 util.	Pct change in deaths	
Region 4 (66,908,139)	92,173 (138)	6.2%	9,068 (6)	13%	2,202 (3.3)	-17%	-0.8%	-12%	-2%	-22%	
Region 7 (14,140,220)	91,799 (649)	5.1%	970 (3)	8%	326 (2.3)	+729%	-0.0%	-18%	-1%	-34%	
Region 2 (31,635,850)	74,547 (236)	5.6%	5,463 (7)	15%	976 (3.1)	-3%	+0.0%	-5%	-1%	-18%	
Region 6 (42,716,279)	50,268 (118)	5.5%	5,074 (5)	17%	1,899 (4.4)	-25%	-2.1%	-19%	-3%	-6%	
Region 5 (52,542,063)	49,627 (94)	2.9%	3,966 (3)	6%	1,449 (2.8)	-1%	-0.1%	-7%	-1%	+41%	
Region 9 (51,555,755)	37,664 (73)	3.2%	3,983 (5)	13%	2,259 (4.4)	-12%	-0.1%	-18%	-4%	-34%	
Region 3 (30,854,848)	36,480 (118)	4.5%	3,258 (5)	11%	1,000 (3.2)	-8%	-0.5%	-17%	-2%	-53%	
Region 1 (14,845,063)	20,285 (137)	2.1%	1,430 (4)	10%	414 (2.8)	-10%	-0.2%	-0%	-1%	-13%	
Region 8 (12,258,952)	14,129 (115)	3.6%	831 (3)	9%	118 (1.0)	-10%	-0.6%	-12%	-1%	-43%	
Region 10 (14,351,240)	9,674 (67)	2.8%	530 (2)	6%	190 (1.3)	-12%	-0.7%	-8%	-1%	-11%	

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

STATE PROFILES AND WEEKLY CATEGORIES

Weekly Categorization of States/DC: color categories based on last week's test positivity data (baseline dates: February 25-March 3)
Case Data from March 3-9, Admissions Data from March 2-8, Test Positivity Data from March 1-7

Red States

State	Last 7 days			Change from previous week			Daily case trend - last 8 weeks
	Cases (per 100k)	Viral (RT-PCR) lab test positivity	Confirmed admissions (per 100 beds)	Pct. change in cases	Abs. change in test pos.	Pct. change in conf. adm. per 100 beds	
NH†	1,449 (107)	11.1%	78 (3)	-23%	-0.7%	+7%	

Orange States

State	Last 7 days			Change from previous week			Daily case trend - last 8 weeks
	Cases (per 100k)	Viral (RT-PCR) lab test positivity	Confirmed admissions (per 100 beds)	Pct. change in cases	Abs. change in test pos.	Pct. change in conf. adm. per 100 beds	
TX	39,134 (135)	7.0%	3,777 (6)	-21%	-2.5%	-13%	
AL	6,195 (126)	5.7%	528 (4)	+14%	-2.9%	-23%	

Yellow States

State	Last 7 days			Change from previous week			Daily case trend - last 8 weeks
	Cases (per 100k)	Viral (RT-PCR) lab test positivity	Confirmed admissions (per 100 beds)	Pct. change in cases	Abs. change in test pos.	Pct. change in conf. adm. per 100 beds	
NE	1,979 (102)	7.7%	103 (3)	-10%	+1.1%	-27%	
NJ	23,257 (262)	7.6%	1,612 (8)	-1%	+0.3%	+0%	
FL	33,909 (158)	7.4%	3,764 (7)	-12%	-0.3%	-10%	
SD	1,101 (124)	6.5%	53 (2)	-0%	+0.7%	-34%	
OK	3,349 (85)	6.1%	469 (5)	-14%	-2.4%	-38%	
NV	2,533 (82)	6.0%	292 (4)	-8%	-1.8%	-23%	
SC	7,299 (142)	5.9%	518 (5)	-21%	-1.2%	-24%	
GA	14,885 (140)	5.6%	1,464 (8)	-29%	-0.9%	+2%	
VA	9,267 (109)	5.6%	871 (5)	-17%	-1.4%	-30%	
TN	8,905 (130)	5.6%	554 (3)	-1%	-1.2%	-31%	
ID	1,954 (109)	5.5%	101 (3)	-1%	+0.1%	-15%	
KY	5,716 (128)	5.5%	1,199 (10)	-20%	-1.8%	-7%	
IA	3,274 (104)	5.4%	207 (3)	-8%	-0.6%	-17%	
PA	17,302 (135)	5.2%	1,387 (5)	-4%	-0.2%	-12%	
NY	49,990 (257)	5.0%	3,787 (8)	-4%	-0.0%	-8%	
AZ	9,130 (125)	4.9%	693 (5)	+14%	-1.1%	-22%	
NC	12,494 (119)	4.8%	802 (4)	-27%	-0.5%	-17%	
MS	2,770 (93)	4.6%	239 (3)	-27%	-2.5%	-20%	
UT	3,690 (115)	4.6%	209 (4)	-12%	-2.5%	-13%	

The Weekly Categories slide indicates which states fell in the red, orange, yellow, light green, and dark green categories for test positivity at the beginning of the week (as of Sunday data). The indicators shown here are fixed throughout the week and provide a common reference point for states from week to week.

†There are discrepancies between federal and state data on New Hampshire's test positivity. These differences are being investigated.

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

STATE PROFILES AND WEEKLY CATEGORIES CONT.

Weekly Categorization of States/DC: color categories based on last week's test positivity data (baseline dates: February 25-March 3)
Case Data from March 3-9, Admissions Data from March 2-8, Test Positivity Data from March 1-7

Light Green States

State	Last 7 days			Change from previous week			Daily case trend - last 8 weeks
	Cases (per 100k)	Viral (RT-PCR) lab test positivity	Confirmed admissions (per 100 beds)	Pct. change in cases	Abs. change in test pos.	Pct. change in conf. adm. per 100 beds	
MO†	84,397 (1,375)	4.3%	453 (3)	+3005%	-0.2%	-11%	
AR	2,434 (81)	4.3%	235 (3)	-62%	+0.3%	-34%	
WV	1,672 (93)	4.2%	137 (3)	-18%	-1.0%	-17%	
DE	1,486 (153)	4.0%	75 (3)	-24%	-0.6%	-42%	
MT	935 (87)	3.8%	107 (4)	-16%	-1.3%	+14%	
KS	2,149 (74)	3.7%	207 (3)	-17%	-0.1%	-27%	
MI	10,833 (108)	3.7%	820 (4)	+16%	+0.4%	+17%	
PR	1,240 (39)	3.5%	64 (1)	-0%	-0.5%	-7%	
WA	4,962 (65)	3.5%	278 (2)	-14%	-0.0%	-3%	
MD	5,610 (93)	3.4%	662 (6)	+3%	-0.3%	-5%	
MN	6,453 (114)	3.3%	238 (3)	+16%	+0.0%	-18%	
CO	7,410 (129)	3.3%	390 (4)	-10%	-0.1%	-13%	
OH	11,035 (94)	3.1%	1,076 (4)	-11%	-0.3%	-13%	
LA	3,655 (79)	3.0%	421 (3)	-30%	-0.6%	-24%	
IN	5,558 (83)	2.9%	503 (3)	-3%	-0.5%	-14%	
OR	1,970 (47)	2.1%	116 (2)	-18%	-1.3%	-20%	

Dark Green States

State	Last 7 days			Change from previous week			Daily case trend - last 8 weeks
	Cases (per 100k)	Viral (RT-PCR) lab test positivity	Confirmed admissions (per 100 beds)	Pct. change in cases	Abs. change in test pos.	Pct. change in conf. adm. per 100 beds	
DC	1,143 (162)	2.6%	126 (4)	+24%	-0.2%	+2%	
NM	1,696 (81)	2.5%	172 (5)	-23%	-0.3%	-31%	
IL	11,611 (92)	2.4%	915 (3)	-4%	-0.4%	-9%	
ME	1,163 (87)	2.4%	58 (2)	-2%	-0.0%	+35%	
CT	5,017 (141)	2.3%	505 (6)	-22%	-0.3%	-4%	
CA	25,655 (65)	2.3%	2,985 (5)	-19%	-0.5%	-16%	
WI	4,137 (71)	2.3%	414 (3)	-15%	-0.1%	-10%	
WY	445 (77)	2.3%	23 (2)	-24%	-0.2%	-23%	
VT	914 (146)	2.2%	34 (3)	+34%	+0.3%	+0%	
RI	2,428 (229)	2.1%	91 (4)	-6%	-0.1%	+14%	
AK	788 (108)	2.0%	35 (2)	-9%	-0.4%	+39%	
MA	9,314 (135)	1.8%	664 (4)	-5%	-0.1%	-2%	
ND	548 (72)	1.7%	49 (2)	+2%	+0.3%	-5%	
HI	333 (24)	1.3%	12 (0)	+1%	-0.0%	-52%	

Territories

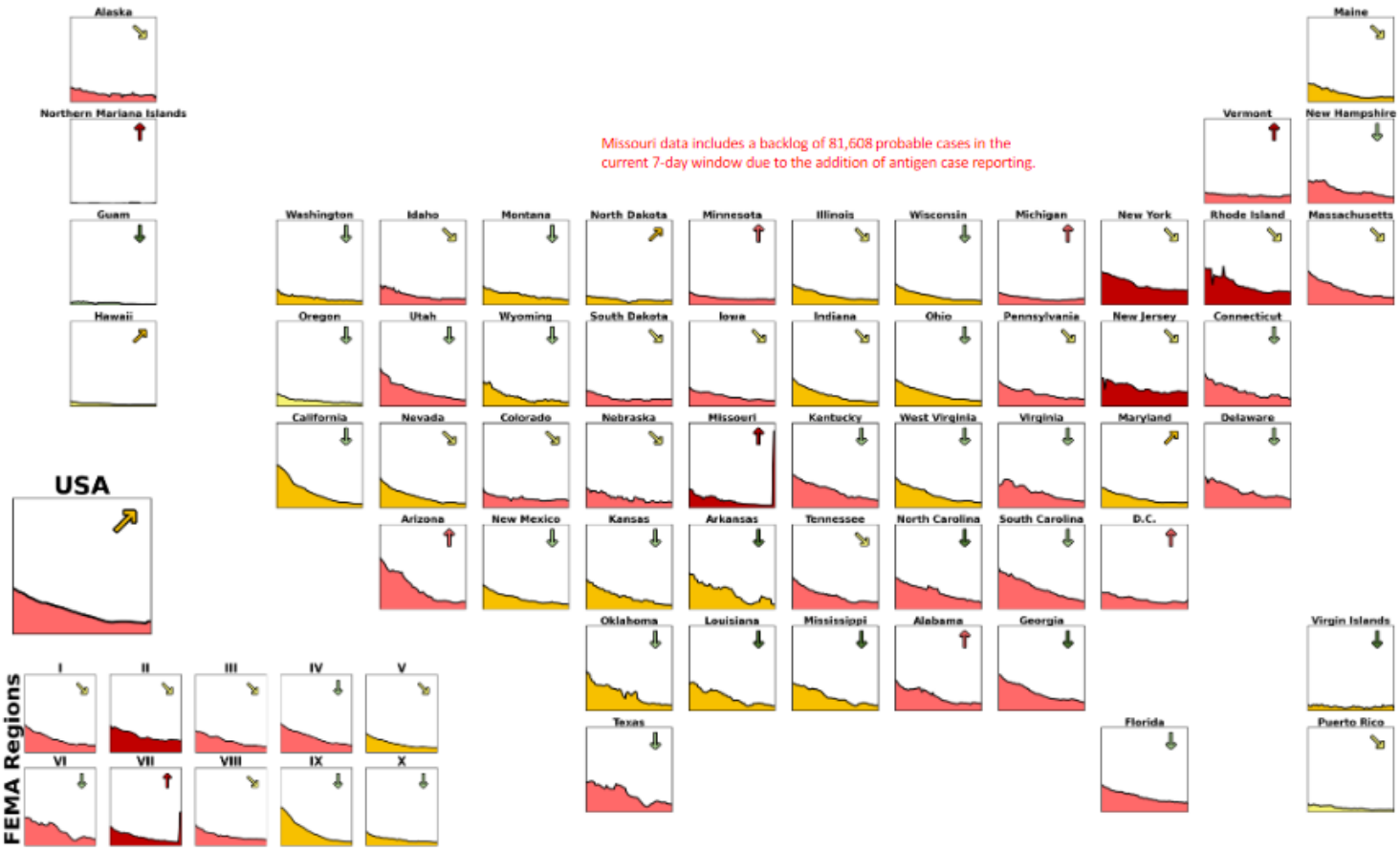
State	Last 7 days			Change from previous week			Daily case trend - last 8 weeks
	Cases (per 100k)	Viral (RT-PCR) lab test positivity	Confirmed admissions (per 100 beds)	Pct. change in cases	Abs. change in test pos.	Pct. change in conf. adm. per 100 beds	
GU	11 (7)	3.3%	1 (0)	-31%	-1.0%	-67%	
AS	0 (0)	N/A	0 (N/A)	+0%	N/A	N/A	
MP	2 (4)	N/A	0 (0)	+100%	N/A	N/A	
VI	60 (56)	N/A	0 (0)	-43%	N/A	-100%	

The Weekly Categories slide indicates which states fell in the red, orange, yellow, light green, and dark green categories for test positivity at the beginning of the week (as of Sunday data). The indicators shown here are fixed throughout the week and provide a common reference point for states from week to week.

†Missouri data includes a backlog of 81,608 probable cases in the current 7-day window due to the addition of antigen case reporting.

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

TRENDS IN CASE INCIDENCE DURING THE LAST 8 WEEKS



Case incidence categories

(based on cases per 100,000 population in the last 7 days)

4 or less
5 - 9
10 - 49
50 - 99
100 - 199
200 or more

Weekly % change categories

(arrow based on % change in weekly cases)

-26% or less	↓
-25% - -11%	↓
-10% - 0%	↘
+1% - +10%	↗
+11% - +25%	↑
+26% or more	↑

Figure depicts average case incidence for each state and region over the 8-week period of 1/13-3/9. Vertical axis ranges from 0 to 1,513 cases per 100,000 population (7 day total).

Source: CDC state-reported data. See Data Sources/Methods slides for additional details.

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

SELECT CORE-BASED STATISTICAL AREAS (CBSAS) WITH HIGH MORTALITY

*Virginia deaths reported in the current 7-day window contain a significant number of additional deaths that occurred earlier in 2021.

Population over 1 million

CBSA (population)	Last 7 days		Change from previous week		Daily death trend - last 8 weeks
	Deaths	Deaths (per 100k)	Percent change in deaths	Absolute change in deaths	
Los Angeles, CA (13,214,799)	896	6.8	-44%	-708	
Riverside, CA (4,650,631)	332	7.1	-25%	-110	
Dallas, TX (7,573,136)	357	4.7	-4%	-16	
New York, NY (19,216,182)	813	4.2	-12%	-108	
Virginia Beach, VA* (1,768,901)	168	9.5	-30%	-72	
Richmond, VA* (1,291,900)	164	12.7	-44%	-130	
Houston, TX (7,066,141)	303	4.3	+0%	1	
Miami, FL (6,166,488)	244	4.0	-10%	-27	
San Antonio, TX (2,550,960)	156	6.1	-12%	-21	
Atlanta, GA (6,020,364)	230	3.8	-16%	-45	

Population 250k - 1 million

CBSA (population)	Last 7 days		Change from previous week		Daily death trend - last 8 weeks
	Deaths	Deaths (per 100k)	Percent change in deaths	Absolute change in deaths	
Lynchburg, VA* (263,566)	63	23.9	-6%	-4	
Ocala, FL (365,579)	61	16.7	+74%	26	
Roanoke, VA* (313,222)	58	18.5	+12%	6	
Stockton, CA (762,148)	59	7.7	-40%	-39	
El Paso, TX (844,124)	52	6.2	+4%	2	
Fresno, CA (999,101)	54	5.4	+0%	0	
McAllen, TX (868,707)	49	5.6	+17%	7	
Greenville, SC (920,477)	46	5.0	-8%	-4	
Spartanburg, SC (319,785)	30	9.4	+50%	10	
Oxnard, CA (846,006)	43	5.1	-19%	-10	

Population 50k - 250k

CBSA (population)	Last 7 days		Change from previous week		Daily death trend - last 8 weeks
	Deaths	Deaths (per 100k)	Percent change in deaths	Absolute change in deaths	
Macon, GA (229,996)	32	13.9	+60%	12	
El Centro, CA (181,215)	23	12.7	-55%	-28	
Charlottesville, VA* (218,615)	23	10.5	-18%	-5	
Martinsville, VA* (63,111)	19	30.1	-24%	-6	
Blacksburg, VA* (167,531)	18	10.7	-14%	-3	
Harrisonburg, VA* (134,964)	17	12.6	-29%	-7	
Winchester, VA* (140,566)	17	12.1	-45%	-14	
Abilene, TX (172,060)	17	9.9	+112%	9	
Danville, VA* (100,398)	15	14.9	-6%	-1	
Staunton, VA* (123,120)	12	9.7	-29%	-5	

Within each population bin, CBSAs are ordered by the sum of 2 individual attribute rankings: 7-day death count and 7-day deaths per 100,000 population. The CBSAs with the ten smallest sums are shown.

Data Source: CDC Aggregate Dataset. Last 7 days indicates deaths from 03/03-03/09.

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

SELECT CORE-BASED STATISTICAL AREAS (CBSAS) WITH HIGH STAFFED ADULT ICU BED USE

Population over 1 million

CBSA (population)	Last 7 days (weekly avg.)		Last 7 days (weekly avg.)		Daily COVID ICU utilization trend - last 8 weeks
	ICU beds occupied by COVID (%)	ICU beds occupied (%)	Abs. change in % ICU beds occupied by COVID	Abs change in % ICU beds occupied	
Houston, TX (7,066,141)	384 (22%)	1499 (86%)	-1%	-1%	
San Antonio, TX (2,550,960)	176 (22%)	686 (88%)	-4%	-1%	
Dallas, TX (7,573,136)	308 (19%)	1475 (89%)	-4%	-3%	
Atlanta, GA (6,020,364)	281 (21%)	1096 (81%)	-3%	-1%	
Miami, FL (6,166,488)	344 (18%)	1509 (79%)	-1%	-2%	
Austin, TX (2,227,083)	81 (18%)	388 (87%)	-7%	-1%	
Memphis, TN (1,346,045)	65 (16%)	357 (89%)	-2%	-1%	
Orlando, FL (2,608,147)	94 (15%)	540 (84%)	-0%	-1%	
San Diego, CA (3,338,330)	126 (19%)	477 (74%)	-5%	-4%	
St. Louis, MO (2,803,228)	103 (13%)	669 (83%)	-2%	-0%	

Population 250k - 1 million

CBSA (population)	Last 7 days (weekly avg.)		Last 7 days (weekly avg.)		Daily COVID ICU utilization trend - last 8 weeks
	ICU beds occupied by COVID (%)	ICU beds occupied (%)	Abs. change in % ICU beds occupied by COVID	Abs change in % ICU beds occupied	
El Paso, TX (844,124)	114 (34%)	293 (88%)	-2%	-0%	
Stockton, CA (762,148)	36 (33%)	99 (90%)	-5%	-2%	
Beaumont, TX (392,563)	28 (33%)	79 (92%)	+7%	-2%	
Durham, NC (644,367)	64 (21%)	263 (86%)	+0%	-0%	
Fresno, CA (999,101)	41 (23%)	151 (84%)	-4%	-3%	
Montgomery, AL (373,290)	24 (21%)	108 (92%)	-1%	+0%	
Bakersfield, CA (900,202)	35 (23%)	126 (81%)	-8%	-4%	
Mobile, AL (429,536)	26 (15%)	154 (89%)	-4%	-2%	
Brownsville, TX (423,163)	31 (22%)	116 (81%)	+2%	-1%	
Columbus, GA (321,048)	21 (27%)	66 (83%)	+2%	+6%	

Population 50k - 250k

CBSA (population)	Last 7 days (weekly avg.)		Last 7 days (weekly avg.)		Daily COVID ICU utilization trend - last 8 weeks
	ICU beds occupied by COVID (%)	ICU beds occupied (%)	Abs. change in % ICU beds occupied by COVID	Abs change in % ICU beds occupied	
Lufkin, TX (86,715)	15 (30%)	49 (97%)	-8%	+4%	
Dothan, AL (149,358)	19 (25%)	71 (93%)	+1%	-4%	
Tyler, TX (232,751)	39 (20%)	182 (92%)	-6%	-1%	
Gainesville, GA (204,441)	27 (21%)	119 (91%)	-4%	+4%	
Lake Charles, LA (210,409)	14 (26%)	48 (91%)	+7%	+7%	
Las Cruces, NM (218,195)	14 (26%)	47 (87%)	+5%	-2%	
Saginaw, MI (190,539)	17 (21%)	72 (89%)	+3%	-4%	
Somerset, KY (64,979)	10 (28%)	34 (96%)	+3%	-1%	
Huntsville, TX (72,971)	8 (69%)	10 (94%)	-10%	-5%	
St. George, UT (177,556)	11 (35%)	26 (80%)	-1%	+1%	

All ICU bed counts refer to staffed adult ICU beds. Within each population bin, CBSAs are ranked by the sum of 3 individual attribute rankings: 7-day weekly average number of adult ICU COVID-19 patients, 7-day weekly average percentage of staffed adult ICU beds occupied by COVID-19 patients, and 7-day weekly average percentage of staffed adult ICU beds occupied by any patient.

Data Source: Unified Hospital Dataset. Last 7 days indicates ICU data from 03/02-03/08.

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

DATA SOURCES AND METHODS – COLOR THRESHOLDS

Color Thresholds for Indicators

The green-to-red color thresholds convey information on levels of transmission severity. There are not specific labels associated with each color threshold.

Colors are determined by first rounding a raw number to the nearest integer or tenth, and then selecting the associated color. If there is no data or a metric cannot be computed, a cell is colored gray.

Color thresholds were set based on a variety of factors and analyses, including assessing historical correlations in test positivity and case counts.

Additional shades of red are used for certain visualizations to provide greater context.

NOTE: Colors are applied after rounding to the displayed digits of precision

CASES/DEATHS

	DARK GREEN	LIGHT GREEN	YELLOW	ORANGE	LIGHT RED	RED
Confirmed cases - 7-day total	*colored by per capita thresholds*					
Cases per 100k - 7-day total	4 or less	5 – 9	10 – 49	50 – 99	100 – 199	200 or more
Confirmed deaths - 7-day total	*colored by per capita thresholds*					
Confirmed deaths per 100k - 7-day total	not used	0.0	0.1 – 0.9	1.0 – 1.9	2.0 – 4.9	5.0 or more
Confirmed cases - % change Confirmed deaths - % change	-26% or less	-25% – -11%	-10% – +0%	+1% – +10%	+11% – +25%	+26% or more

VIRAL (RT-PCR) LAB TESTING

	DARK GREEN	LIGHT GREEN	YELLOW	ORANGE	LIGHT RED	RED
Viral (RT-PCR) lab test positivity rate - 7 day average	2.9% or less	3.0% – 4.9%	5.0% – 7.9%	8.0% – 9.9%	10.0% – 14.9%	15.0% or more
Total RT-PCR diagnostic tests - 7-day total	*colored by per capita thresholds*					
RT-PCR tests per 100k - 7-day total	5,000 or more	3,000 – 4,999	2,000 – 2,999	1,000 – 1,999	500 – 999	499 or less
Viral (RT-PCR) lab test positivity rate - absolute change	-2.1% or less	-2.0% – -0.6%	-0.5% – +0.0%	+0.1% – +0.5%	+0.6% – +2.0%	+2.1% or more
Total RT-PCR diagnostic tests - percent change	+26% or more	+25% – +11%	+10% – +1%	+0% – -10%	-11% – -25%	-26% or less

HOSPITAL UTILIZATION

	DARK GREEN	LIGHT GREEN	YELLOW	ORANGE	LIGHT RED	RED
Confirmed COVID-19 admissions - 7-day total Suspected COVID-19 admissions - 7-day total Total COVID-19 admissions - 7-day total	*colored by per 100 bed thresholds*					
Confirmed COVID-19 admissions per 100 inpatient beds - 7-day total Suspected COVID-19 admissions per 100 inpatient beds - 7-day total	1 or less	2 – 3	4 – 5	6 – 10	11 – 15	16 or more
Total COVID-19 admissions per 100 inpatient beds - 7-day total	2 or less	3 – 5	6 – 10	11 – 15	16 – 20	21 or more
% inpatient beds occupied % ICU beds occupied % ventilators in use	GRAY 0% – 80%				81% – 90%	91% or more
% inpatient beds occupied by COVID-19 patient % ICU beds occupied by COVID-19 patient % ventilators in use by COVID-19 patient	3% or less	4% – 7%	8% – 12%	13% – 15%	16% – 20%	21% or more
Confirmed COVID-19 admissions per 100 inpatient beds - percent change Suspected COVID-19 admissions per 100 inpatient beds - percent change	-26% or less	-25% – -11%	-10% – +0%	+1% – +10%	+11% – +25%	+26% or more
% inpatient beds occupied - absolute change % inpatient beds occupied by COVID-19 patient - absolute change % ICU beds occupied - absolute change % ICU beds occupied by COVID-19 patient - absolute change % ventilators in use - absolute change % ventilators in use by COVID-19 patient - absolute change	-2% or less	-1%	0%	+1%	+2%	+3% or more

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

DATA SOURCES AND METHODS – AOC CONTINUUM

The **Areas of Concern Continuum** is used to describe communities as they progress through stages of the epidemic.
There are 7 possible AOC classifications based on current and recent history of case and testing data for the location:

Low Burden Community

Purpose: Identify communities with minimal activity.

Definition:
- <10 new cases per 100k population in the last week

Moderate Burden Community

Purpose: Identify communities with moderate disease activity.

Definition:
- Has **NOT** been identified as a Hotspot, Sustained Hotspot, or High Burden—Resolving within the last 2 weeks
  AND
- Does not meet the definition for an Emerging Hotspot, Hotspot, Sustained Hotspot, or High Burden—Resolving
  AND
- Does not meet the definition for being a Low Burden Community

Emerging Hotspot

Purpose: Generate early and reliable signals of communities with emerging increases in disease burden that have a high likelihood for becoming a hotspot in the next 1-7 days.

Method:
Decision tree model that leverages the following features, trained based on prior data:

Cases
- Total cases in the last week
- Total cases per 100k population in the last week
- New cases in the last week minus new cases the previous week
- Ratio of total cases in last 7 days to total cases in last 30 days

Testing
- Number of tests last week
- Difference in percent positive tests in last 7 days from last 21 days

Hotspot

Purpose: Identify communities that have reached a threshold of disease activity considered as being of high burden.

Definition:
- >100 new cases per 100k population OR >500 new cases in the past week
  AND
- Number of days in downward case trajectory* ≤ 7 days
  AND
- >50 cases during past week
  AND
- Conditions must hold for at least 3 of the previous 5 days

Sustained Hotspot

Purpose: Identify communities that have had a high sustained case burden and are at potentially higher risk for experiencing healthcare resource limitations.

Definition:
- Either Hotspot for at least 7 preceding days or already a Sustained Hotspot on previous day
  AND
- >200 new cases per 100k population OR >1,000 new cases in the past two weeks
  AND
- Daily incidence rate >15 new cases per 100k population for 8 or more of the last 14 days OR test positivity >10% over last 14 days
  AND
- >100 cases during the last two weeks
  AND
- Conditions must hold for at least 3 of the previous 5 days

Data Sources: CDC Aggregate County Data; Unified Testing Dataset; US Census 2019

High Burden - Resolving

Purpose: Identify communities that were recently identified as hotspots and are now improving.

Definition:
- Identified as a Hotspot or Sustained Hotspot within the last 2 weeks
  AND
- Not currently a Emerging Hotspot, Hotspot, or Sustained Hotspot
  AND
- >100 new cases per 100k population OR >500 new cases in last week
  AND
- Number of days in downward trajectory* ≥ 7
  AND
- >50 cases during last week OR both ≥ 10 cases in last week and >10% test positivity in last week

Moderate Burden - Resolving

Purpose: Identify communities that have a moderate level of burden, but are demonstrating improvement.

Definition:
- Identified as a Hotspot, Sustained Hotspot, or High Burden—Resolving within the last 2 weeks
  AND
- Does not meet the definition for an Emerging Hotspot, Hotspot, Sustained Hotspot, or High Burden—Resolving
  AND
- Does not meet the definition for being a Low Burden Community

***Number of Days in Downward Case Trajectory**: This field is calculated using a CDC algorithm that first fits a smooth spline curve to daily case counts, and then counts the number of days that curve has been decreasing or at a low level. More specifically, the computation is based on a cubic spline fit of the 7-day rolling average of cases. The number of days decreasing (in downward trajectory) is calculated by summing the number of consecutive days of decline or near-zero incidence. A day is considered part of a downward trajectory if it (i) was previously at elevated incidence (had a two-week incidence greater than 10 cases per 100k population), and (ii) meets one of the following three conditions: (a) had a negative slope, OR (b) was in a low-incidence plateau (two-week incidence ≤ 10 cases per 100k population and a slope ≥ 0 to < 0.1 new cases per 100k population based on a 7-day moving average), OR (c) had less than 5 cases in the past 2 weeks.

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

CDC What's New

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

- Notes from the Field: Opioid Overdose Deaths Before, During, and After an 11-Week COVID-19 Stay-at-Home Order - Cook County, Illinois, January 1, 2018-October 6, 2020 Thursday, March 11, 2021
- Body Mass Index and Risk for COVID-19-Related Hospitalization, Intensive Care Unit Admission, Invasive Mechanical Ventilation, and Death - United States, March-December 2020 Thursday, March 11, 2021
- Association of State-Issued Mask Mandates and Allowing On-Premises Restaurant Dining with County-Level COVID-19 Case and Death Growth Rates - United States, March 1-December 31, 2020 Thursday, March 11, 2021
- Travel from the United Kingdom to the United States by a Symptomatic Patient Infected with the SARS-CoV-2 B.1.1.7 Variant - Texas, January 2021 Thursday, March 11, 2021
- First Identified Cases of SARS-CoV-2 Variant P.1 in the United States - Minnesota, January 2021 Thursday, March 11, 2021
- Media Statement from CDC Director Rochelle P. Walensky, MD, MPH, In Observance of One-Year Pandemic Milestone Thursday, March 11, 2021
- Testing Strategies for SARS-CoV-2 Thursday, March 11, 2021
- Revealing the Many Faces of COVID-19 Thursday, March 11, 2021
- COVID-19 Electronic Laboratory Reporting Implementation by State Thursday, March 11, 2021
- Responder Stories Thursday, March 11, 2021
- Coronavirus Disease 2019 (COVID-19) Thursday, March 11, 2021
- Training for Healthcare Professionals Thursday, March 11, 2021
- Cases in the U.S. Wednesday, March 10, 2021
- EARLY RELEASE: Racial and Ethnic Disparities in COVID-19 Incidence by Age, Sex, and Period Among Persons Aged <25 Years - 16 U.S. Jurisdictions, January 1-December 31, 2020 Wednesday, March 10, 2021
- Overall US COVID-19 Vaccine Distribution and Administration Update as of Wed, 10 Mar 2021 06:00:00 EST Wednesday, March 10, 2021
- Updated Healthcare Infection Prevention and Control Recommendations in Response to COVID-19 Vaccination Wednesday, March 10, 2021
- Independent Evaluation of SARS-CoV-2 Antibody Test Performance Wednesday, March 10, 2021
- Vaccination Considerations for Persons with Disabilities Wednesday, March 10, 2021
- COVID-19 Vaccination for Communities Wednesday, March 10, 2021
- Possible Side Effects After Getting a COVID-19 Vaccine Wednesday, March 10, 2021
- COVID-19 Published Science and Research Wednesday, March 10, 2021
- Previous COVID-19 Forecasts: Cases Wednesday, March 10, 2021
- COVID-19 Forecasts: Cases Wednesday, March 10, 2021
- Previous COVID-19 Forecasts: Hospitalizations Wednesday, March 10, 2021
- COVID-19 Forecasts: Hospitalizations Wednesday, March 10, 2021
- Frequently Asked Questions about Coronavirus (COVID-19) for Laboratories Wednesday, March 10, 2021
- COVID-19 Forecasts: Deaths Wednesday, March 10, 2021
- Strategies to Mitigate Healthcare Personnel Staffing Shortages Wednesday, March 10, 2021

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

COVID-19 - Aperçu et priorités en matière de prévention et de contrôle des infections dans les structures sanitaires basées en dehors des États-Unis
Cet aperçu a été créé à l'intention du personnel santé dans les établissements de santé hors des États-Unis et des responsables gouvernementaux travaillant sur la réponse à la maladie à coronavirus 2019 (COVID-19). Date: 3/10/21
Overview of Testing for SARS-CoV-2 (COVID-19)
Summary of considerations and current CDC recommendations regarding SARS-CoV-2 testing. Date: 3/10/21
Interim Guidance for Homeless Service Providers to Plan and Respond to Coronavirus Disease 2019 (COVID-19)
COVID-19 Videos, Social Media, PSAs, Print & Web Resources, Checklists, and FAQs to help colleges and universities protect students, faculty and staff Date: 3/10/21
Interim U.S. Guidance for Risk Assessment and Work Restrictions for Healthcare Personnel with Potential Exposure to SARS-CoV-2
Find CDC's guidance on assessing, monitoring, and restricting risk for those who work in healthcare facilities during COVID-19. Date: 3/10/21
Strategies to Mitigate Healthcare Personnel Staffing Shortages
Healthcare facilities, learn how to best mitigate staff shortages that may occur during COVID-19. Date: 3/9/21
Guidance for Large or Extended Families Living in the Same Household [2 MB, 10 pages]
Guidance for Large or Extended Families Living in the Same Household Date: 3/9/21
Interim Public Health Recommendations for Fully Vaccinated People
Interim public health recommendations describing the type of activities people who are fully vaccinated can do once fully vaccinated. Date: 3/7/21
Guidance for Organizing Large Events and Gatherings
Learn how to plan various size gatherings during COVID-19 to enhance the protection of individuals and communities. Date: 3/7/21
Operational Considerations for Adapting a Contact Tracing Program to Respond to the COVID-19 Pandemic in non-US Settings
Contact tracing is a key component of controlling transmission of infectious diseases. This document is for CDC country offices, ministries of health, sub-national public health authorities, and other implementing partners in non-US settings. While select adaptations may be relevant for any jurisdiction, the document focuses on adaptations that might be especially useful in low- and middle-income countries. Date: 3/4/21
Disaster Sheltering of Household Pets, Service Animals, and Support Animals
This guidance is for emergency planners who may need to consider local conditions, statutory authorities, resources, agreements, and other critical factors to plan for disaster sheltering of household pets, service animals, and support animals during the pandemic. Date: 3/4/21
Reduce the Risk of SARS-CoV-2 Spreading between People and Wildlife
These recommendations may make it less likely for SARS-CoV-2, the virus that causes COVID-19, to spread between people and wildlife to protect human health, animal health, and minimize adverse public health and conservation outcomes. Date: 3/3/21
Interim Considerations: Preparing for the Potential Management of Anaphylaxis after COVID-19 Vaccination
Interim Considerations: Preparing for the Potential Management of Anaphylaxis at COVID-19 Vaccination Sites Date: 3/2/21
Strategies to Mitigate Healthcare Personnel Staffing Shortages
Healthcare facilities, learn how to best mitigate staff shortages that may occur during COVID-19. Date: 3/1/21

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#
https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/CovidDataAndTools.aspx

"Safer Economy Blueprint"

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

Blueprint for a Safer Economy – COVID-19 and Equity

https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/CaliforniaHealthEquityMetric.aspx
https://covid19.healthyplacesindex.org/
https://map.healthyplacesindex.org/

Statewide industry guidance to reduce risk

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

Safe Schools for All

https://schools.covid19.ca.gov/

Data models

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

Cal/OSHA

https://www.dir.ca.gov/dosh/

Vaccines

https://covid19.ca.gov/vaccines/
https://myturn.ca.gov/

Office of Governor
GAVIN NEWSOM

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

State Officials Announce Latest COVID-19 Facts

March 10, 2021 - Today, the California Department of Public Health (CDPH) released the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

March 9, 2021 - Today, the California Department of Public Health (CDPH) released the most recent statistics on COVID-19, including updated data and tiers for reducing COVID-19 in the state under the Blueprint for a Safer Economy.

State Officials Announce Latest COVID-19 Facts

March 8, 2021 - Today, the California Department of Public Health (CDPH) released the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

March 7, 2021 - Today, the California Department of Public Health (CDPH) released the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

March 6, 2021 - Today, the California Department of Public Health (CDPH) released the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

March 5, 2021 - Today, the California Department of Public Health (CDPH) released the most recent statistics on COVID-19.

State Updates Blueprint to Allow Additional Activities That Can Be Conducted Outdoors and with Consistent Masking, Which Reduces Risk of COVID-19 Spread for Safe and Sustainable Reopening

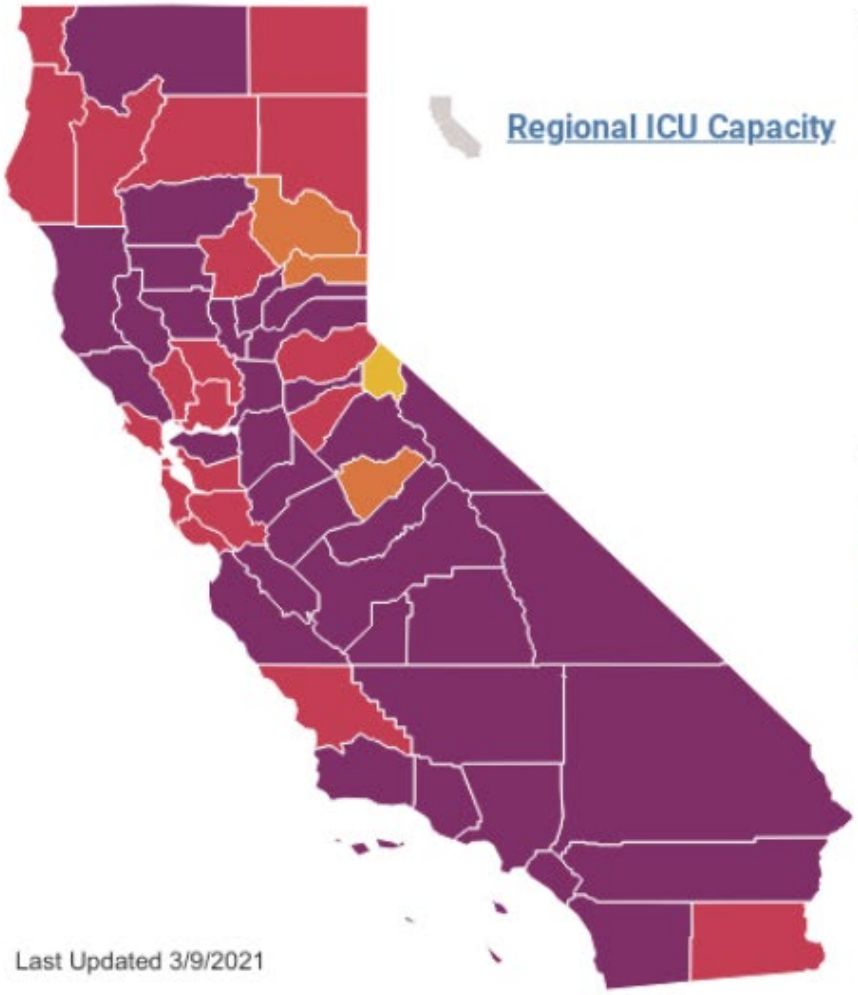
March 5, 2021 - Today, the California Department of Public Health (CDPH) released updates to the state's Blueprint for a Safer Economy reopening framework focused on activities that can be conducted outdoors with consistent masking, two factors that are scientifically shown to reduce the risk of COVID-19 spread.

State Updates Guidance for Youth and Adult Recreational Sports

March 4, 2021 - Today, the California Department of Public Health (CDPH) released an update to its outdoor and indoor youth and recreational adult sports guidance which specifies the conditions under which youth and adult recreational sports may resume practice with contact and competition under the Blueprint for a Safer Economy.

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

https://covid19.ca.gov/state-dashboard/#top



STATEWIDE METRICS

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

2.8% Positivity rate (7-day average)

26.7% ICU availability

Find a county

Highlight County

Click on the map for updated metrics

COUNTY RISK LEVELS

	Counties	Population	
Widespread	34	32,103,924	80.0
Substantial	20	7,984,212	19.9%
Moderate	3	39,907	0.1%
Minimal	1	1,117	0.0%

CASES	DEATHS	TESTS	VACCINES ADMINISTERED
3,516,862 total	**54,891** total	**50,316,151** total	**10,988,301** total
3,184 today	**270** today	**92,180** today	
0.1% increase from prior day total	0.5% increase from prior day total	0.2% increase from prior day total	

Updated March 11, 2021, with data from March 10, 2021.

https://covid19.ca.gov/vaccines/

COVID-19: Vaccine Dashboard

Administered
10,988,301

Delivered *
15,066,380

Shipped *
15,426,105

CDC Pharmacy Partnership Programs **

1,977,510 Delivered

1,999,770 Shipped

County: (All)

Doses Administered by County of Residence

Los Angeles	2,670,855
San Diego	1,160,192
Orange	894,284
Riverside	554,904
Alameda	516,979
Santa Clara	515,834
San Bernardino	428,564
Contra Costa	384,456
Sacramento	355,570
San Francisco	302,210
San Mateo	269,956
Ventura	244,040

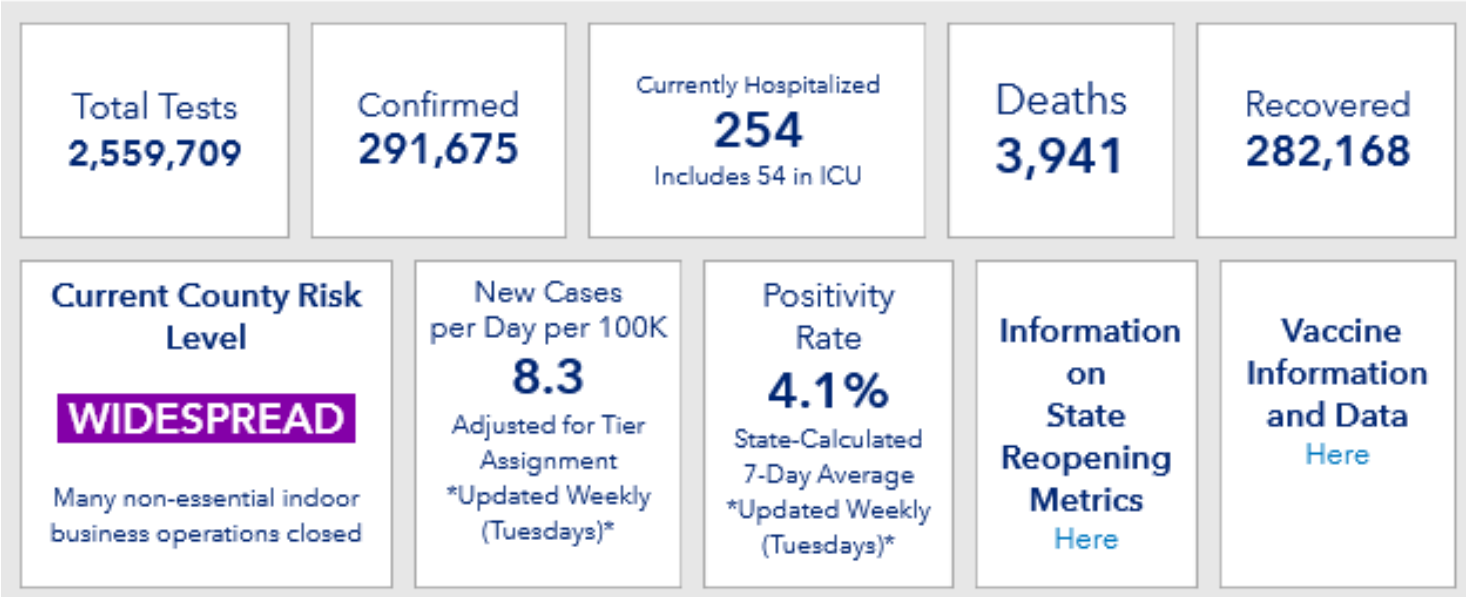
* Doses shipped and delivered include doses that were distributed as part of the CDC Long Term Care Facility Pharmacy Partnership (LTCF) program to vaccinate residents at California's Skilled Nursing Facilities and other congregate living facilities, and Federal Retail Pharmacy Program. This does not include the following Federal entities: Indian Health Service, Department of Defense, U.S. Federal Bureau of Prisons, and Veterans Affairs. Data files downloaded from Operation Warp Speed Tiberius platform at 6am daily.
** CDC Pharmacy Partnership for Long-Term Care Facility (LTCF) Program and Federal Retail Pharmacy Program doses are a subset of the total.

Today's count of administered doses is incomplete due to data processing latency. Complete counts will be updated in this dashboard as available this week.

Data: 3/10/2021 11:59pm | Posted: 3/11/2021

Riverside County Data

https://www.rivcoph.org/coronavirus



RUHS Public Health News:

- Outdoor entertainment, sports with spectators may resume April 1 in Riverside County English / Spanish - March 9, 2021
- Riverside County health officials open new COVID19 vaccine site in Moreno Valley English / Spanish - March 5, 2021
- Riverside County, Lift to Rise, and Inland SoCal United Way, Announce Applications for Next Round of United Lift Rental Assistance - March 5, 2021
- Moderate and high-contact youth and adult sports may now resume in Riverside County English / Spanish / Advisory Letter - March 2, 2021
- Changes to COVID-19 vaccination clinics to better serve Riverside County residents English / Spanish - March 1, 2021
- Riverside County health officials continue to urge residents to get tested for COVID-19 - February 24, 2021
- More youth and adult sports may soon resume in Riverside County - February 23, 2021
- Schools with approved COVID-19 prevention plans may return to in-person instruction - February 23, 2021
- County, City of Palm Springs partner to open new vaccine clinic in Coachella Valley English / Spanish - February 10, 202

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

Find a a testing site

Get tested for #COVID19 with or without medical insurance at no cost to you! Make an appointment here https://gettested.ruhealth.org #RivCoNOW #RUHealth

Need Food Access – Click here
https://www.ruhealth.org/

Need Peer Support – Click here
https://www.ruhealth.org/

Need Prescriptions Delivered – Click here
https://www.ruhealth.org/

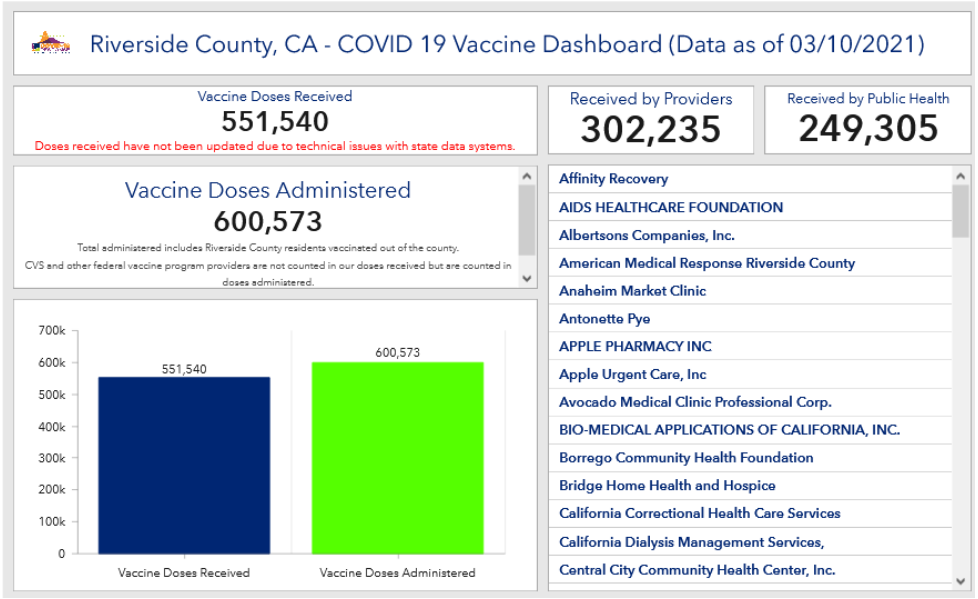
Daily Epidemiology Summary updated 3-10-2021
https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/March2021/Dashboard/2/Public%20Daily_COVID-19_Updates%20031021.pdf?ver=2021-03-10-122422-027&timestamp=1615407902732

Licensed Hospital/ICU Beds Utilization Trends updated 3-9-2021
https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/March2021/Dashboard/2/EMD_COVID-19_Metrics_Public_Dashboard_03-09-2021.pdf?ver=2021-03-09-145044-093&timestamp=1615330277323

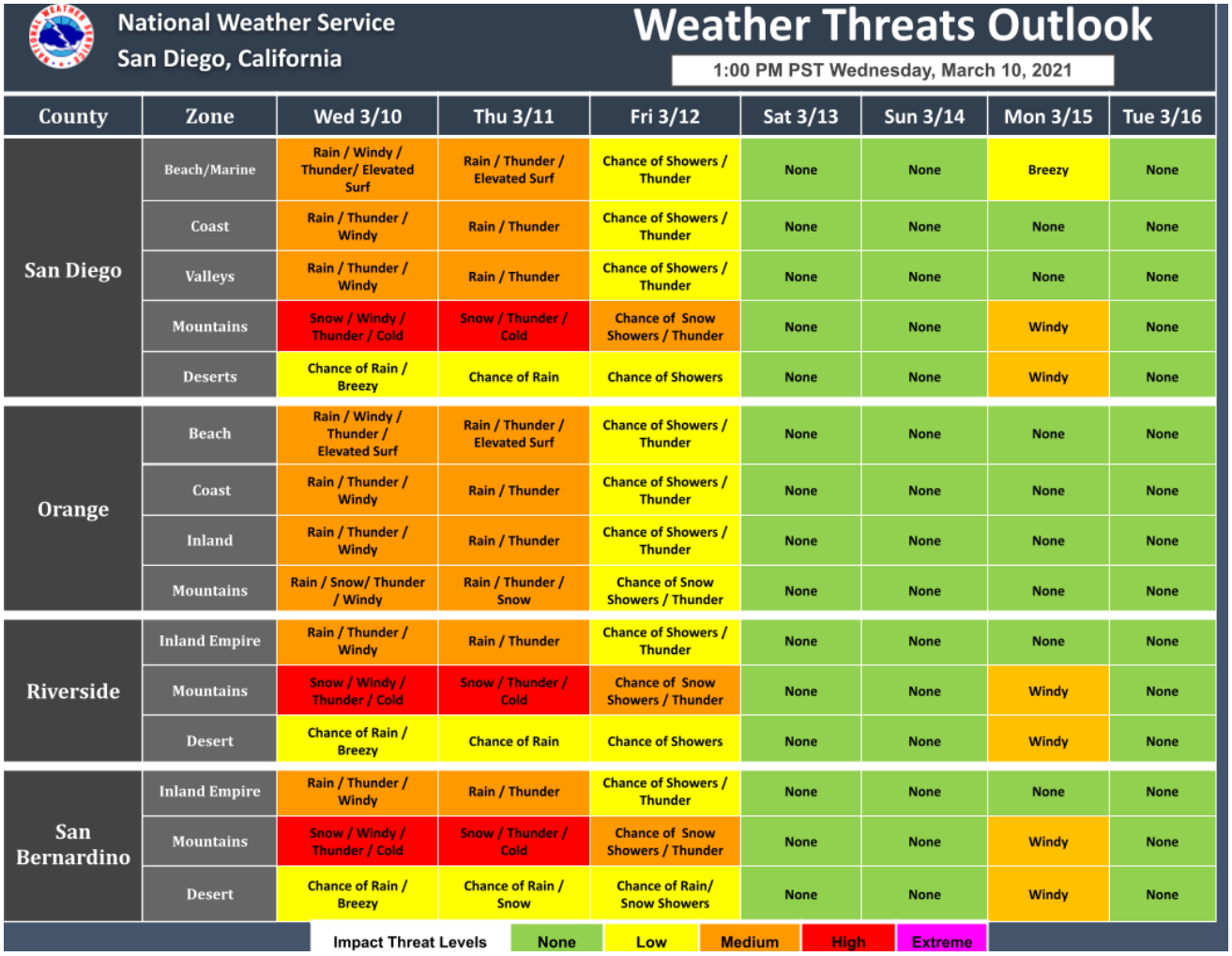
COVID-19 Vaccine https://www.ruhealth.org/covid-19-vaccine

RUHS Public Health:

- **Breakthrough Church vaccine clinic English / Spanish - March 09, 2021Simpson Center vaccine clinics English / Spanish - March 03, 2021**
- **Sierra Dawn vaccine clinic in Hemet - March 08, 2021**
- **Good Hope Community Center vaccine clinic English / Spanish - March 08, 2021**
- **Trinity Church vaccine clinic in Moreno Valley English / Spanish - March 08, 2021**
- **Simpson Center vaccine clinics English / Spanish - March 03, 2021**
- **Know your vaccine rights - February 24, 2021**
- **COVID-19 Vaccination Plan - January 25, 2021**
- **COVID-19 Vaccine Information English / Spanish - Updated January 20, 2020**
- **Riverside County activates incident management team, plans for regional COVID-19 vaccine supersites English / Spanish - January 13, 2021**
- **COVID Vaccination Clinics for Providers - January 6, 2021**
- **Healthcare worker vaccination clinics - January 5, 2021**



Weather



National Weather Service
San Diego, California

Weather Threats Outlook

1:00 PM PST Wednesday, March 10, 2021

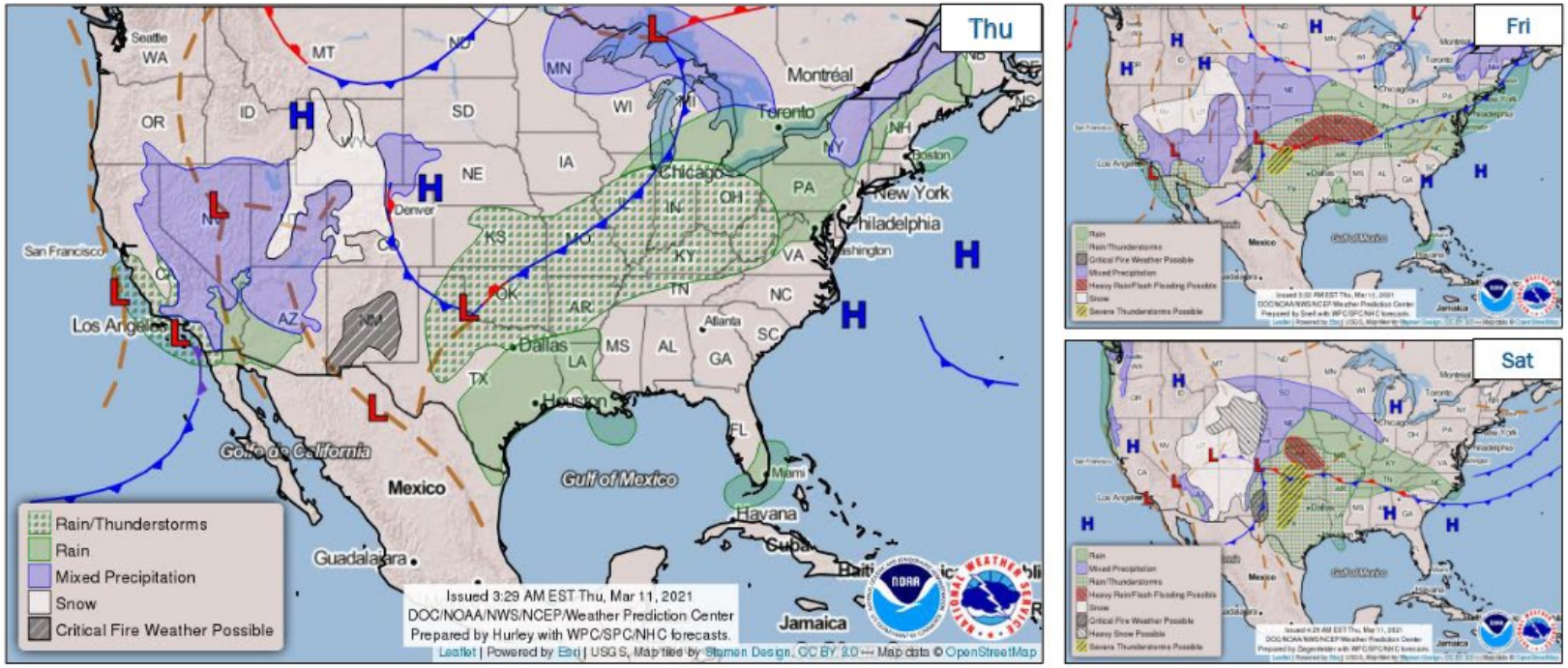
County	Zone	Wed 3/10	Thu 3/11	Fri 3/12	Sat 3/13	Sun 3/14	Mon 3/15	Tue 3/16
San Diego	Beach/Marine	Rain / Windy / Thunder/ Elevated Surf	Rain / Thunder / Elevated Surf	Chance of Showers / Thunder	None	None	Breezy	None
	Coast	Rain / Thunder / Windy	Rain / Thunder	Chance of Showers / Thunder	None	None	None	None
	Valleys	Rain / Thunder / Windy	Rain / Thunder	Chance of Showers / Thunder	None	None	None	None
	Mountains	Snow / Windy / Thunder / Cold	Snow / Thunder / Cold	Chance of Snow Showers / Thunder	None	None	Windy	None
	Deserts	Chance of Rain / Breezy	Chance of Rain	Chance of Showers	None	None	Windy	None
Orange	Beach	Rain / Windy / Thunder / Elevated Surf	Rain / Thunder / Elevated Surf	Chance of Showers / Thunder	None	None	None	None
	Coast	Rain / Thunder / Windy	Rain / Thunder	Chance of Showers / Thunder	None	None	None	None
	Inland	Rain / Thunder / Windy	Rain / Thunder	Chance of Showers / Thunder	None	None	None	None
	Mountains	Rain / Snow/ Thunder / Windy	Rain / Thunder / Snow	Chance of Snow Showers / Thunder	None	None	None	None
Riverside	Inland Empire	Rain / Thunder / Windy	Rain / Thunder	Chance of Showers / Thunder	None	None	None	None
	Mountains	Snow / Windy / Thunder / Cold	Snow / Thunder / Cold	Chance of Snow Showers / Thunder	None	None	Windy	None
	Desert	Chance of Rain / Breezy	Chance of Rain	Chance of Showers	None	None	Windy	None
San Bernardino	Inland Empire	Rain / Thunder / Windy	Rain / Thunder	Chance of Showers / Thunder	None	None	None	None
	Mountains	Snow / Windy / Thunder / Cold	Snow / Thunder / Cold	Chance of Snow Showers / Thunder	None	None	Windy	None
	Desert	Chance of Rain / Breezy	Chance of Rain / Snow	Chance of Rain/ Snow Showers	None	None	Windy	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#

National Weather Forecast

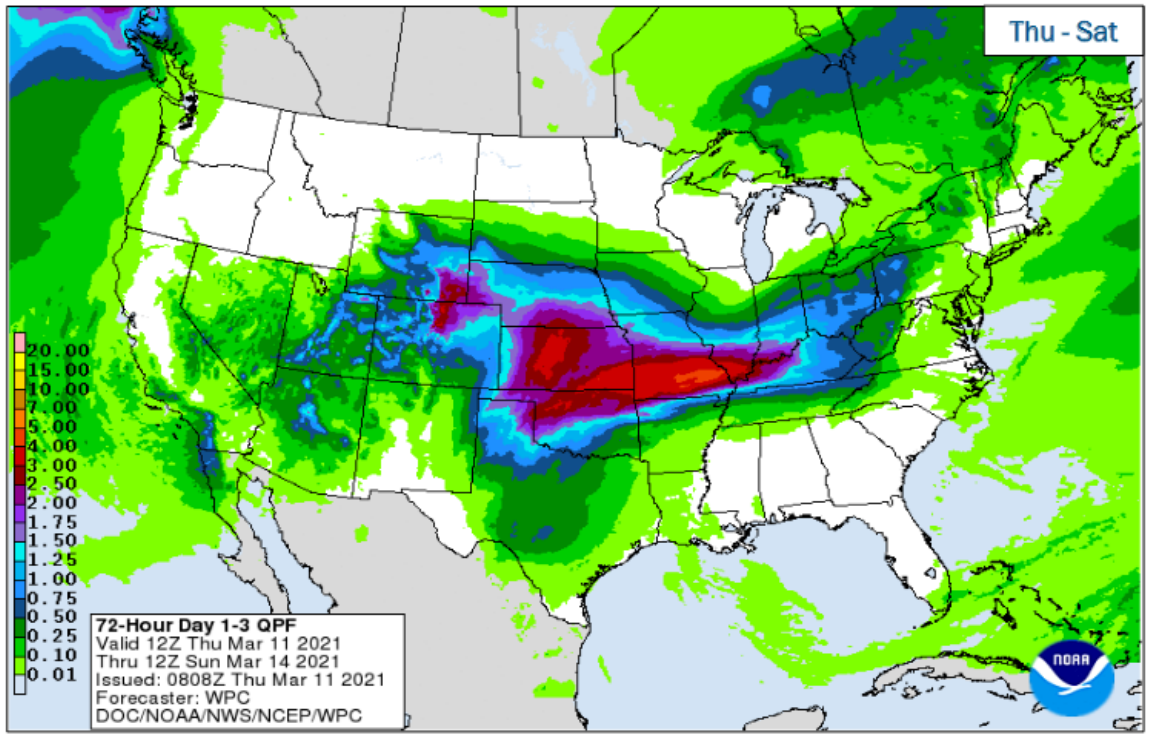


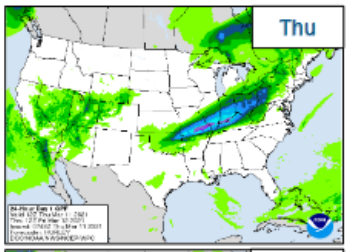
FEMA

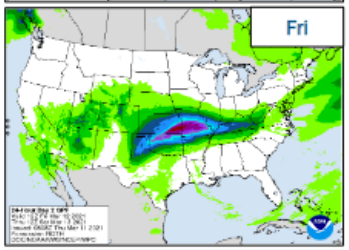
National Watch Center

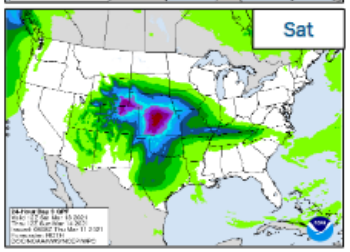
Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

Precipitation Forecast







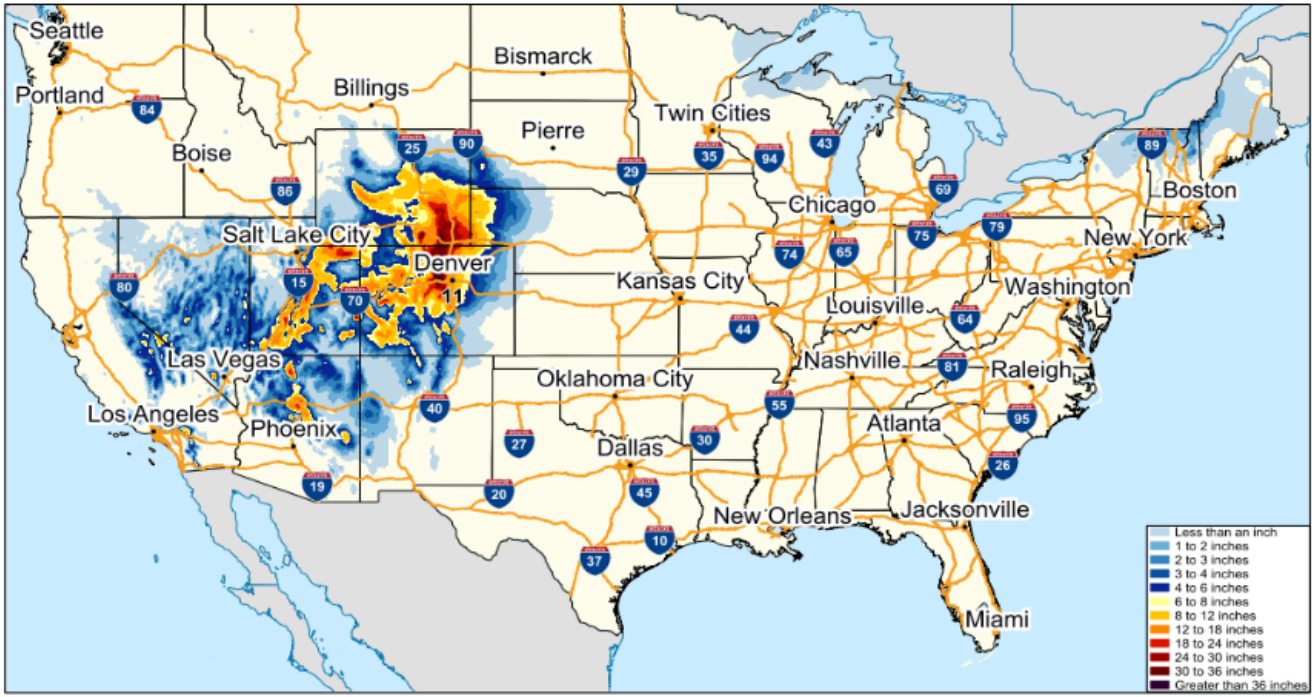


FEMA

National Watch Center

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

Forecast Snowfall

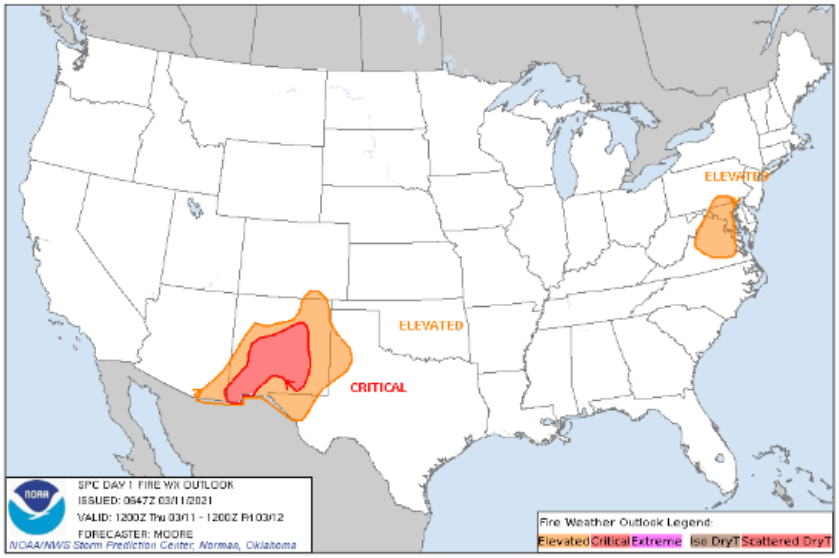


FEMA

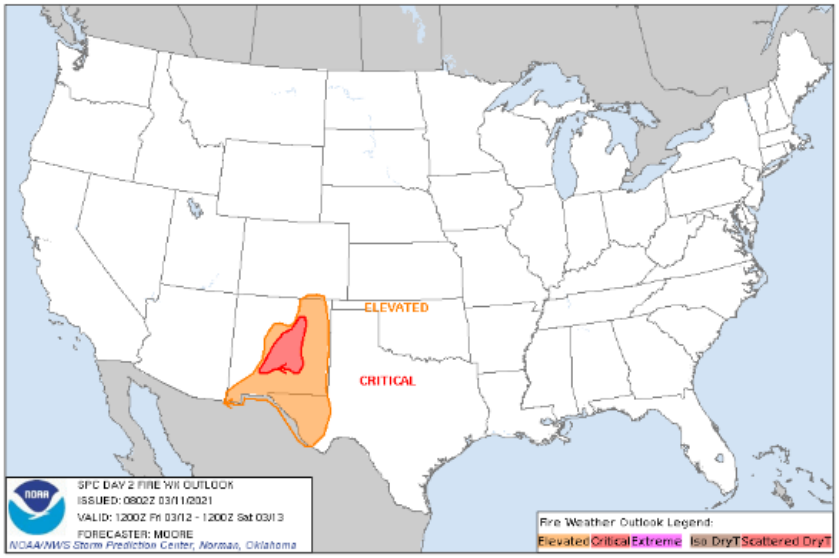
National Watch Center

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

Fire Weather Outlook



Today



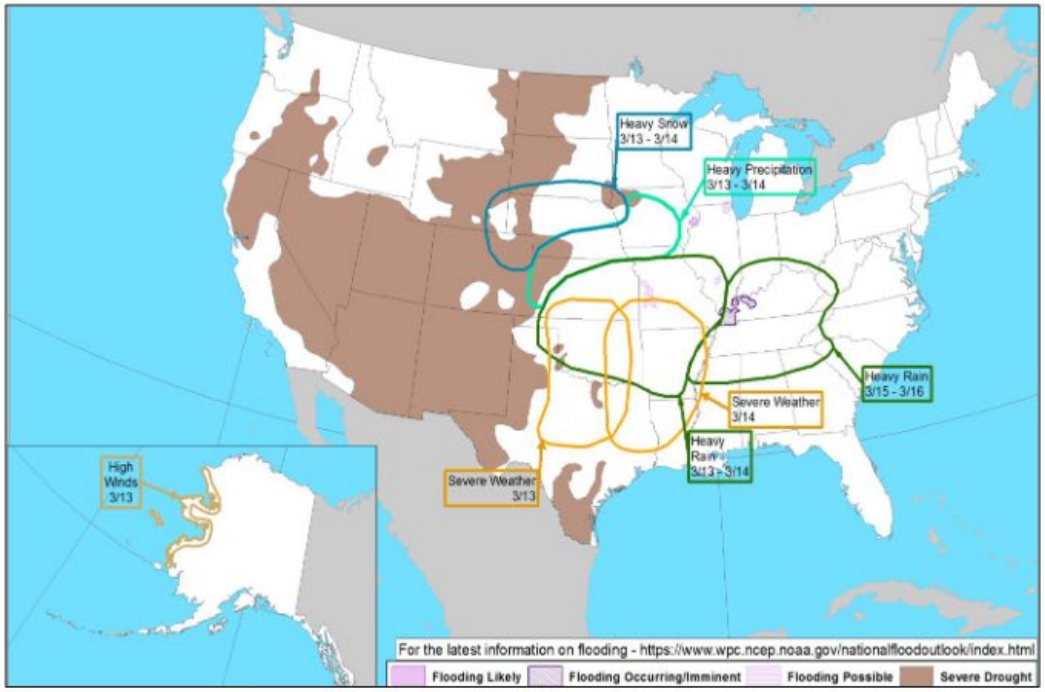
Tomorrow

FEMA

National Watch Center

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

Hazards Outlook – Mar 13-17



FEMA

National Watch Center

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu