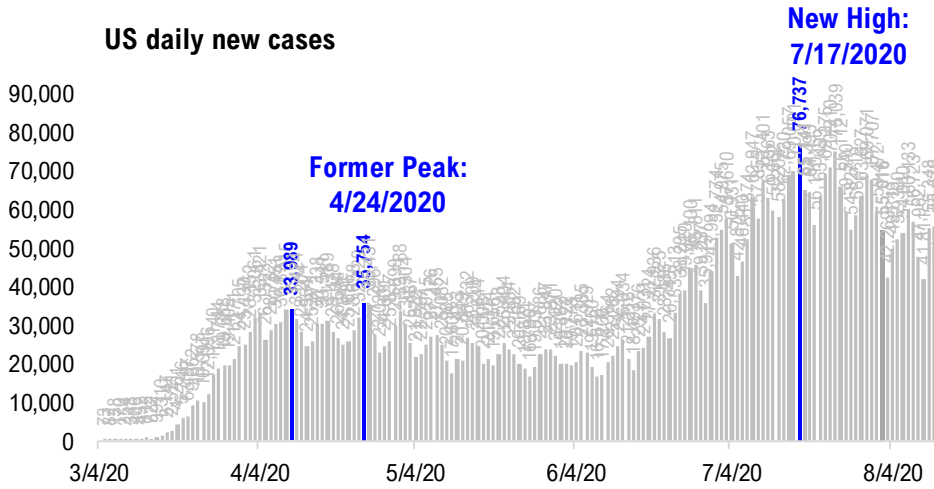


# FSInsight Daily COVID-19 Chartbook

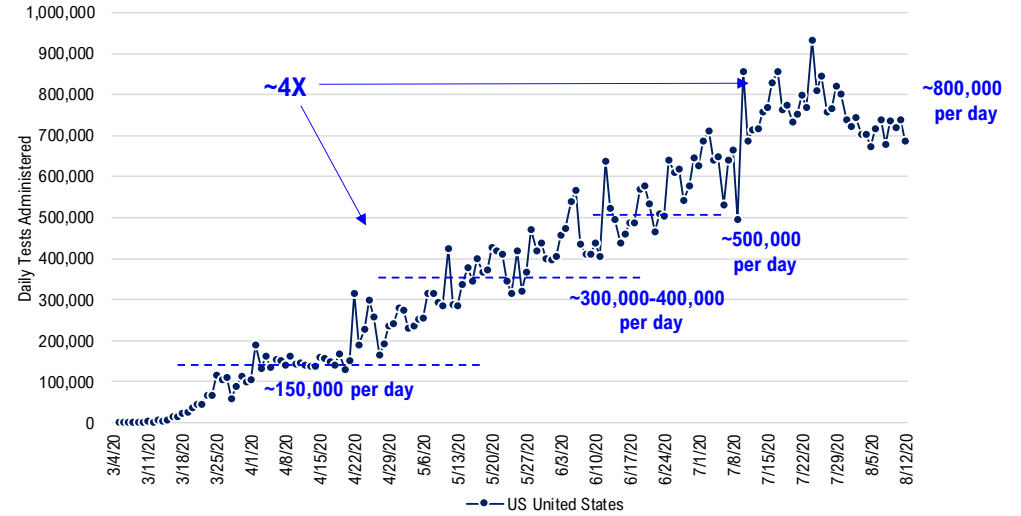


# #1: USA COVID-19 Situation at a Glance...

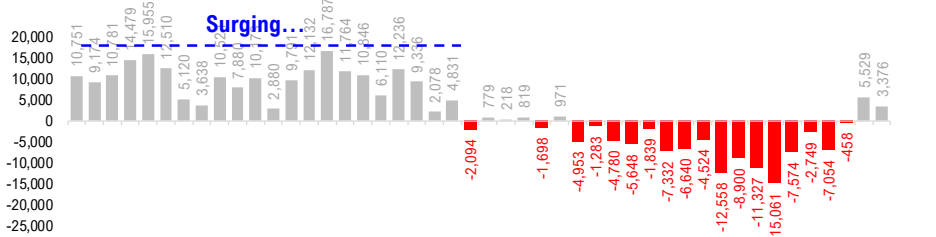
**US daily new cases**



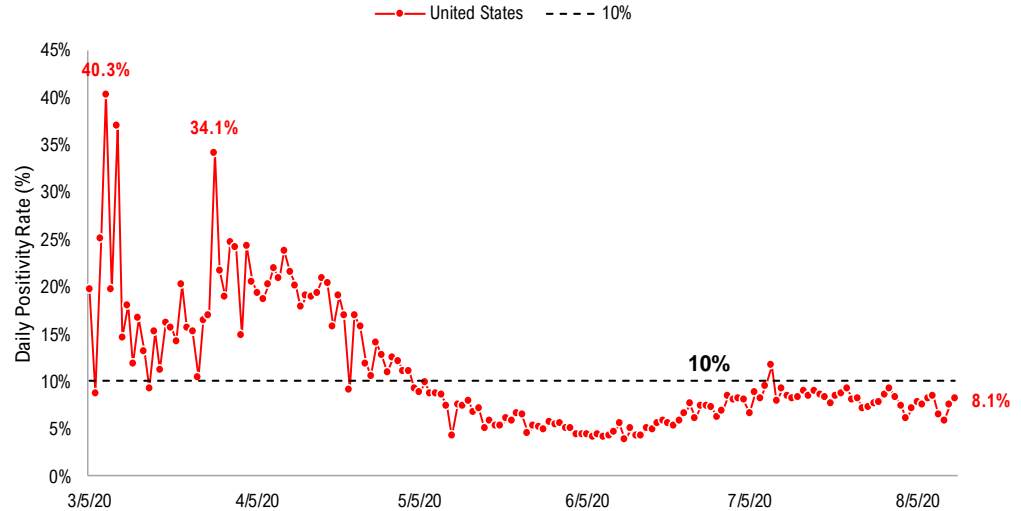
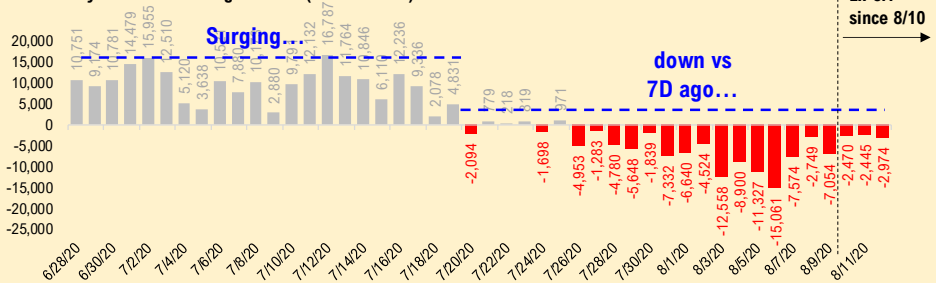
**USA total COVID-19 tests administered**



**US daily new cases rolling 7D delta**



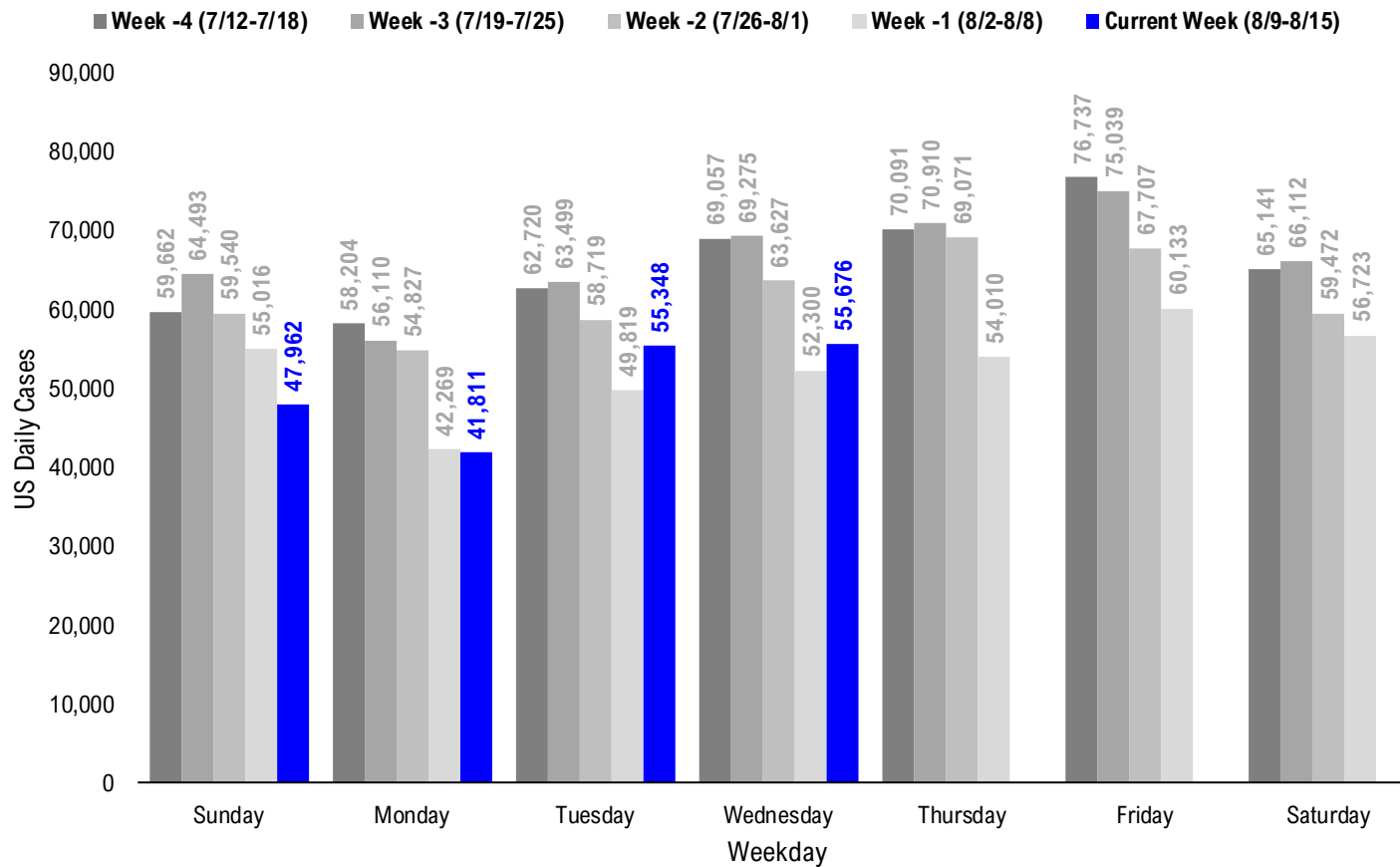
**US daily new cases rolling 7D delta (Ex-California)\***



\* Ignored California since August 10, due to its data glitch caused 300,000-case backlog

Source: Fundstrat, COVID-19 Tracking Project, State Department of Health

## #2: USA COVID-19 Daily Cases Weekday Seasonality (Past 4 Weeks) ...



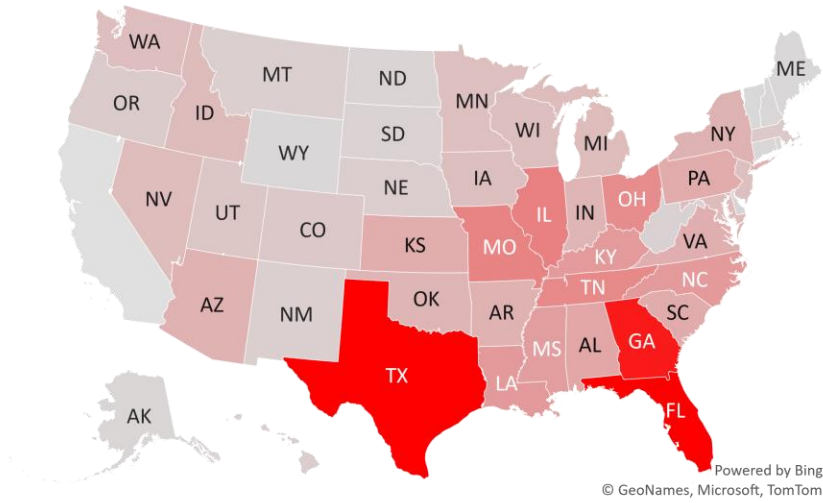
# #3: USA State COVID-19 Situation at a Glance...

	Sorted Daily Cases			Daily Cases (3D avg) per 1mm residents		Since Peak		% Decline in Daily Cases		Sorted Daily Cases			Daily Cases (3D avg) per 1mm residents		Since Peak		% Decline in Daily Cases
	% US Pop	8/12/20	7D Delta	8/12/20	7D Delta	# Days				% US Pop	8/12/20	7D Delta	8/12/20	7D Delta	# Days		
United States	100%	55,676	+3,376	155	+9	26	-29%		United States	100%	55,676	+3,376	155	+9	26	-29%	
United States (ex-CA)	88%	44,031	-2,974	138	-9	26	-29%		United States (ex-CA)	88%	44,031	-2,974	138	-9	26	-29%	
<b>States:</b>									<b>States:</b>								
1 California	11.9%	11,645	+6,350	269	+138	19	-8%		29 Wisconsin	1.8%	478	-406	98	-18	18	-43%	
2 Florida	6.5%	8,109	+2,700	281	+39	30	-53%		30 Iowa	1.0%	477	-140	107	-16	32	-52%	
3 Texas	8.7%	6,200	-2,506	235	-31	26	-43%		31 Minnesota	1.7%	464	-153	83	-26	17	-42%	
4 Georgia	3.2%	3,565	-200	300	+32	18	-26%		32 New Jersey	2.7%	463	+106	44	+7	129	-90%	
5 Illinois	3.8%	1,645	-114	119	-0	90	-49%		33 Utah	1.0%	338	-83	100	-20	25	-61%	
6 Missouri	1.8%	1,595	+354	280	+91	13	-11%		34 Colorado	1.7%	315	-279	63	-10	108	-50%	
7 Tennessee	2.1%	1,478	-179	180	-39	15	-55%		35 Massachusetts	2.1%	293	-147	46	-11	109	-91%	
8 Ohio	3.5%	1,422	+223	97	+4	12	-27%		36 Oregon	1.3%	248	-32	60	-10	11	-31%	
9 Louisiana	1.4%	1,179	-303	208	-111	22	-64%		37 Nebraska	0.6%	214	-97	140	+4	102	-47%	
10 North Carolina	3.2%	1,166	+39	90	-39	25	-58%		38 Hawaii	0.4%	202	+29	108	-14	3	-21%	
11 Kentucky	1.3%	1,152	+608	146	+30	18	-12%		39 Montana	0.3%	175	+60	99	+18	12	-36%	
12 Mississippi	0.9%	1,081	-164	247	-77	13	-52%		40 New Mexico	0.6%	173	-53	80	-8	14	-54%	
13 Alabama	1.5%	935	-17	235	+16	18	-45%		41 West Virginia	0.5%	133	+25	58	+2	33	-40%	
14 Pennsylvania	3.9%	849	+144	59	+4	124	-58%		42 South Dakota	0.3%	102	+13	79	-1	95	-66%	
15 South Carolina	1.6%	844	-438	164	-74	31	-57%		43 North Dakota	0.2%	85	-39	164	-10	4	-17%	
16 Kansas	0.9%	817	-24	218	+0	28	-18%		44 Rhode Island	0.3%	76	-15	70	-20	109	-83%	
17 Virginia	2.6%	776	-22	95	-32	3	-42%		45 Delaware	0.3%	66	-93	65	-54	106	-81%	
18 Arizona	2.2%	706	-992	115	-56	41	-80%		46 U.S. Virgin Islands	0.0%	63	+45	287	+100	0	0%	
19 Arkansas	0.9%	703	-209	191	-83	18	-37%		47 District of Columbia	0.2%	63	+18	97	+17	101	-70%	
20 New York	5.9%	700	+64	32	-1	124	-94%		48 Alaska	0.2%	60	+5	77	+0	10	-58%	
21 Oklahoma	1.2%	670	-431	154	-43	15	-50%		49 New Hampshire	0.4%	26	+0	14	-7	102	-85%	
22 Indiana	2.0%	660	-60	109	+4	3	-34%		50 Connecticut	1.1%	22	-93	36	-3	112	-91%	
23 Puerto Rico	1.0%	564	+293	129	+40	0	0%		51 Maine	0.4%	20	+3	7	-1	82	-86%	
24 Maryland	1.8%	541	-31	104	-15	83	-50%		52 Guam	0.0%	15	+1	74	+30	0	0%	
25 Idaho	0.5%	538	+65	273	+18	26	-28%		53 Wyoming	0.2%	13	-26	44	-22	105	-56%	
26 Nevada	0.9%	528	-121	197	-87	25	-55%		54 Vermont	0.2%	5	+0	10	+5	129	-89%	
27 Michigan	3.0%	515	-142	62	-2	110	-49%		55 Northern Mariana Islands	0.0%	0	+0	6	+0	131	-83%	
28 Washington	2.3%	504	-160	71	-9	28	-47%		56 American Samoa	0.0%	0	+0	0	+0	-	-	

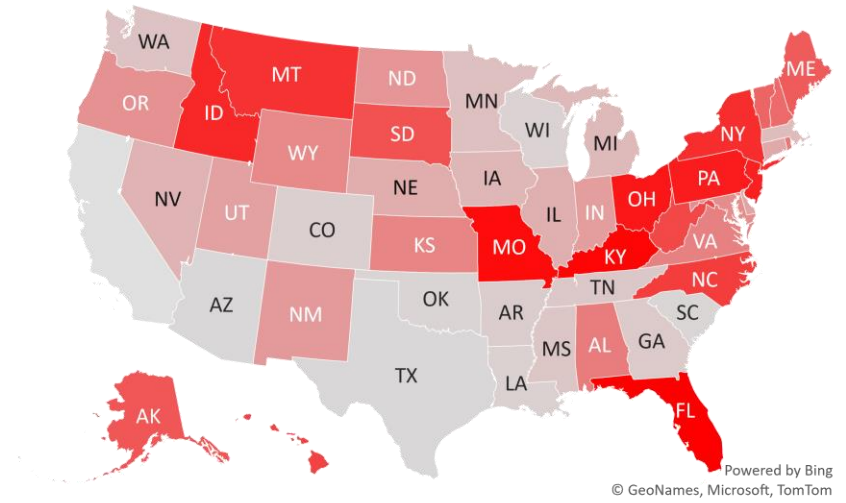
\* Ignored California in the 7D Delta of Daily Cases since August 10, due to its data glitch caused 300,000-case backlog  
 Source: Fundstrat, COVID-19 Tracking Project, State Department of Health

# #4: USA COVID-19 Heat Map...

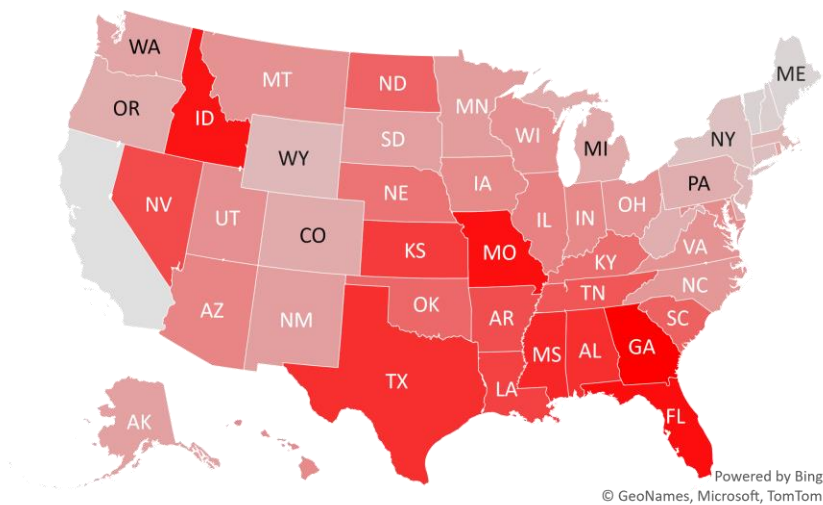
### Daily Case Increases



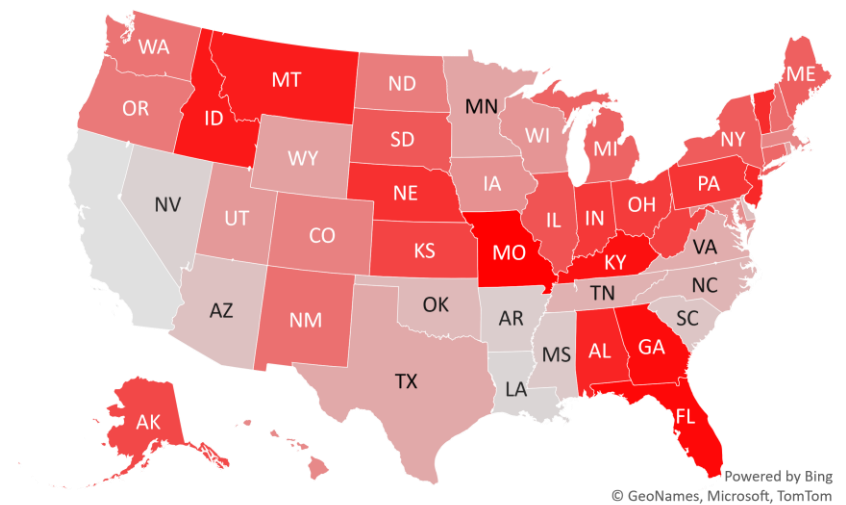
### 7D Delta in Daily New Cases



### Daily Case Increases per 1mm Resident (3D Avg)



### 7D Delta in Daily New Cases per 1mm (3D Avg)



\* California is ignored in the heatmaps due to its data glitch which caused 300,000-case backlog  
Source: Fundstrat, COVID-19 Tracking Project, State Department of Health

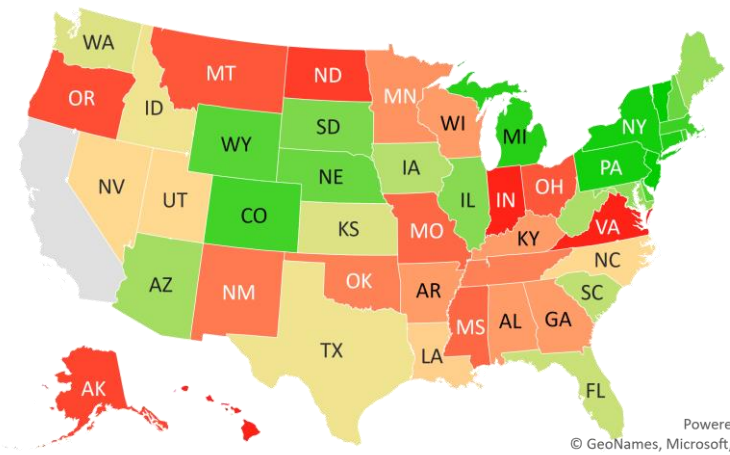
# #5: # of Days since Daily Case Peaked by States...

## # Days since Daily Cases (3D Avg) Peak (as of 8/12)

	Sorted			
	Peak Date	8/12/20	% off the Peak	% US Pop
United States	7/17/20	26	-29%	100%
United States (Ex-CA)	7/17/20	26	-29%	88%
<b>States:</b>				
Northern Mariana Island	4/3/20	131	-83%	0.0%
Vermont	4/5/20	129	-89%	0.2%
New Jersey	4/5/20	129	-90%	2.7%
Pennsylvania	4/10/20	124	-58%	3.9%
New York	4/10/20	124	-94%	5.9%
Connecticut	4/22/20	112	-91%	1.1%
Michigan	4/24/20	110	-49%	3.0%
Rhode Island	4/25/20	109	-83%	0.3%
Massachusetts	4/25/20	109	-91%	2.1%
Colorado	4/26/20	108	-50%	1.7%
Delaware	4/28/20	106	-81%	0.3%
Wyoming	4/29/20	105	-56%	0.2%
New Hampshire	5/2/20	102	-85%	0.4%
Nebraska	5/2/20	102	-47%	0.6%
District of Columbia	5/3/20	101	-70%	0.2%
South Dakota	5/9/20	95	-66%	0.3%
Illinois	5/14/20	90	-49%	3.8%
Maryland	5/21/20	83	-50%	1.8%
Maine	5/22/20	82	-86%	0.4%
Arizona	7/2/20	41	-80%	2.2%
West Virginia	7/10/20	33	-40%	0.5%
Iowa	7/11/20	32	-52%	1.0%
South Carolina	7/12/20	31	-57%	1.6%
Florida	7/13/20	30	-53%	6.5%
Washington	7/15/20	28	-47%	2.3%
Kansas	7/15/20	28	-18%	0.9%
Texas	7/17/20	26	-43%	8.7%
Idaho	7/17/20	26	-28%	0.5%

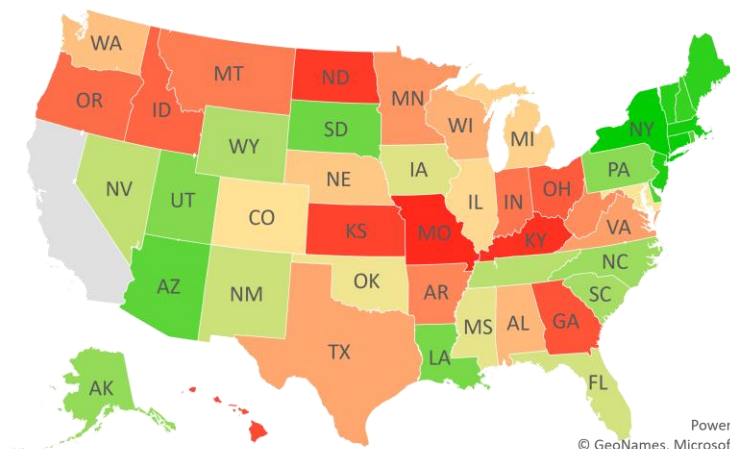
	Sorted			
	Peak Date	8/12/20	% off the Peak	% US Pop
United States	7/17/20	26	-29%	100%
United States (Ex-CA)	7/17/20	26	-29%	88%
<b>States:</b>				
Utah	7/18/20	25	-61%	1.0%
Nevada	7/18/20	25	-55%	0.9%
North Carolina	7/18/20	25	-58%	3.2%
Louisiana	7/21/20	22	-64%	1.4%
California	7/24/20	19	-8%	11.9%
Wisconsin	7/25/20	18	-43%	1.8%
Kentucky	7/25/20	18	-12%	1.3%
Georgia	7/25/20	18	-26%	3.2%
Arkansas	7/25/20	18	-37%	0.9%
Alabama	7/25/20	18	-45%	1.5%
Minnesota	7/26/20	17	-42%	1.7%
Tennessee	7/28/20	15	-55%	2.1%
Oklahoma	7/28/20	15	-50%	1.2%
New Mexico	7/29/20	14	-54%	0.6%
Mississippi	7/30/20	13	-52%	0.9%
Missouri	7/30/20	13	-11%	1.8%
Ohio	7/31/20	12	-27%	3.5%
Montana	7/31/20	12	-36%	0.3%
Oregon	8/1/20	11	-31%	1.3%
Alaska	8/2/20	10	-58%	0.2%
North Dakota	8/8/20	4	-17%	0.2%
Virginia	8/9/20	3	-42%	2.6%
Indiana	8/9/20	3	-34%	2.0%
Hawaii	8/9/20	3	-21%	0.4%
U.S. Virgin Islands	8/12/20	0	0%	0.0%
Puerto Rico	8/12/20	0	0%	1.0%
Guam	8/12/20	0	0%	0.0%

## # Days since Daily Case Peak: Greener = More Days



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## Daily Cases % off the Peak: Greener = Larger Decline



Powered by Bing  
© GeoNames, Microsoft, TomTom

\* California is ignored in the heatmaps due to its data glitch which caused 300,000-case backlog  
Source: Fundstrat, COVID-19 Tracking Project, State Department of Health

# #6: US New Cases by States... (sorted by today's new cases)

**Sorted**  
Last 3-day trend growth rates

	8/10/20	8/11/20	8/12/20	
United States	41,811	55,348	55,676	+328
United States (ex-CA)	34,060	42,848	44,031	+1,183
<b>States:</b>				
1 California	7,751	12,500	11,645	
2 Florida	4,155	5,831	8,109	<--higher
3 Texas	4,455	9,803	6,200	
4 Georgia	2,429	3,563	3,565	
5 Illinois	1,319	1,549	1,645	
6 Missouri	2,575	981	1,595	
7 Tennessee	1,202	1,001	1,478	<--higher
8 Ohio	883	1,095	1,422	<--higher
9 Louisiana	562	1,164	1,179	
10 North Carolina	626	1,051	1,166	
11 Kentucky	272	539	1,152	<--higher
12 Mississippi	476	644	1,081	<--higher
13 Alabama	1,686	831	935	
14 Pennsylvania	601	828	849	
15 South Carolina	724	971	844	
16 Kansas	1,092	0	817	
17 Virginia	663	996	776	
18 Arizona	600	1,214	706	
19 Arkansas	645	383	703	
20 New York	476	667	700	
21 Oklahoma	397	765	670	
22 Indiana	664	870	660	
23 Puerto Rico	385	286	564	<--higher
24 Maryland	755	585	541	
25 Idaho	429	495	538	
26 Nevada	742	548	528	
27 Michigan	557	796	515	
28 Washington	549	575	504	

**Sorted**  
Last 3-day trend growth rates

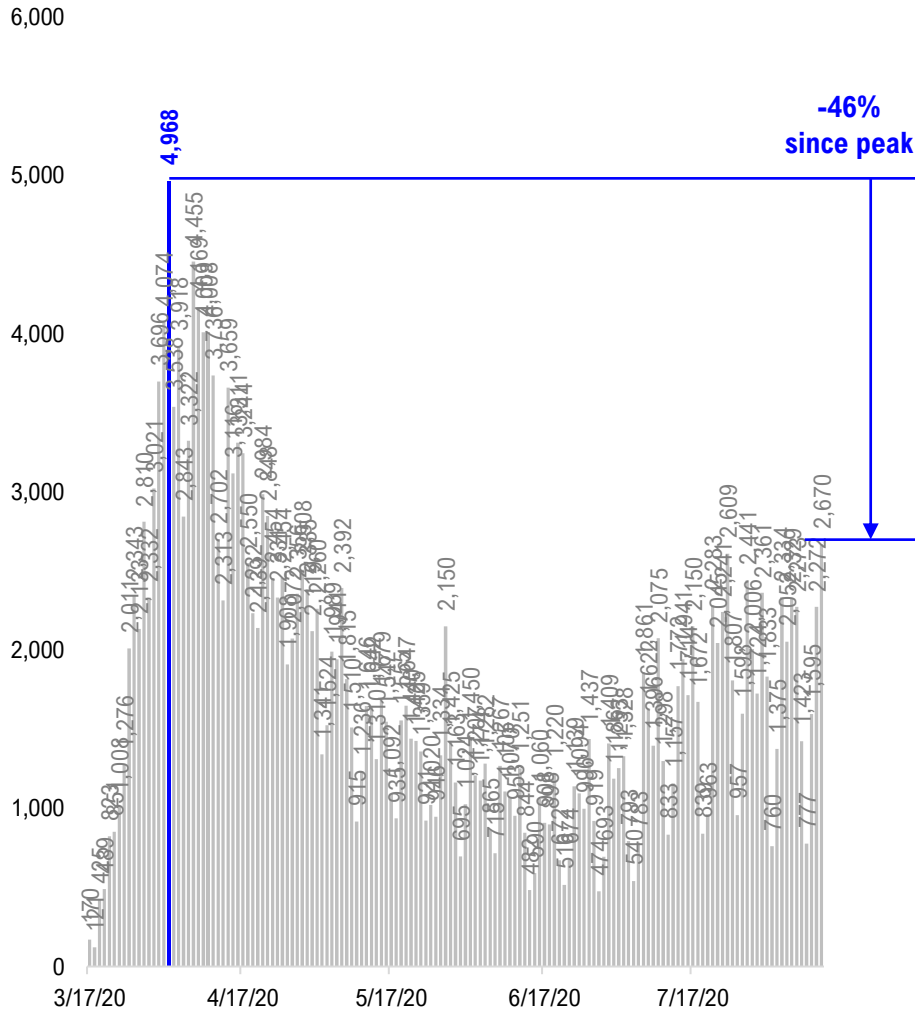
	8/10/20	8/11/20	8/12/20	
United States	41,811	55,348	55,676	+328
United States (ex-CA)	34,060	42,848	44,031	+1,183
<b>States:</b>				
29 Wisconsin	507	724	478	
30 Iowa	282	258	477	<--higher
31 Minnesota	618	323	464	
32 New Jersey	258	444	463	
33 Utah	263	362	338	
34 Colorado	379	402	315	
35 Massachusetts	275	392	293	
36 Oregon	227	286	248	
37 Nebraska	264	334	214	
38 Hawaii	140	118	202	<--higher
39 Montana	55	86	175	<--higher
40 New Mexico	129	199	173	
41 West Virginia	60	121	133	
42 South Dakota	58	50	102	<--higher
43 North Dakota	117	172	85	
44 Rhode Island	28	119	76	
45 Delaware	59	65	66	
46 U.S. Virgin Islands	0	29	63	<--higher
47 District of Columbia	54	89	63	
48 Alaska	64	46	60	
49 New Hampshire	9	21	26	<--higher
50 Connecticut	247	117	22	
51 Maine	7	1	20	
52 Guam	6	16	15	
53 Wyoming	32	31	13	
54 Vermont	2	12	5	
55 Northern Mariana Islands	1	0	0	
56 American Samoa	0	0	0	

<--higher – if the state has 20% or more daily cases than prior two days...  
Source: Fundstrat, COVID-19 Tracking Project, State Department of Health

# #7: US Daily Hospitalizations...(aggregated by data type)

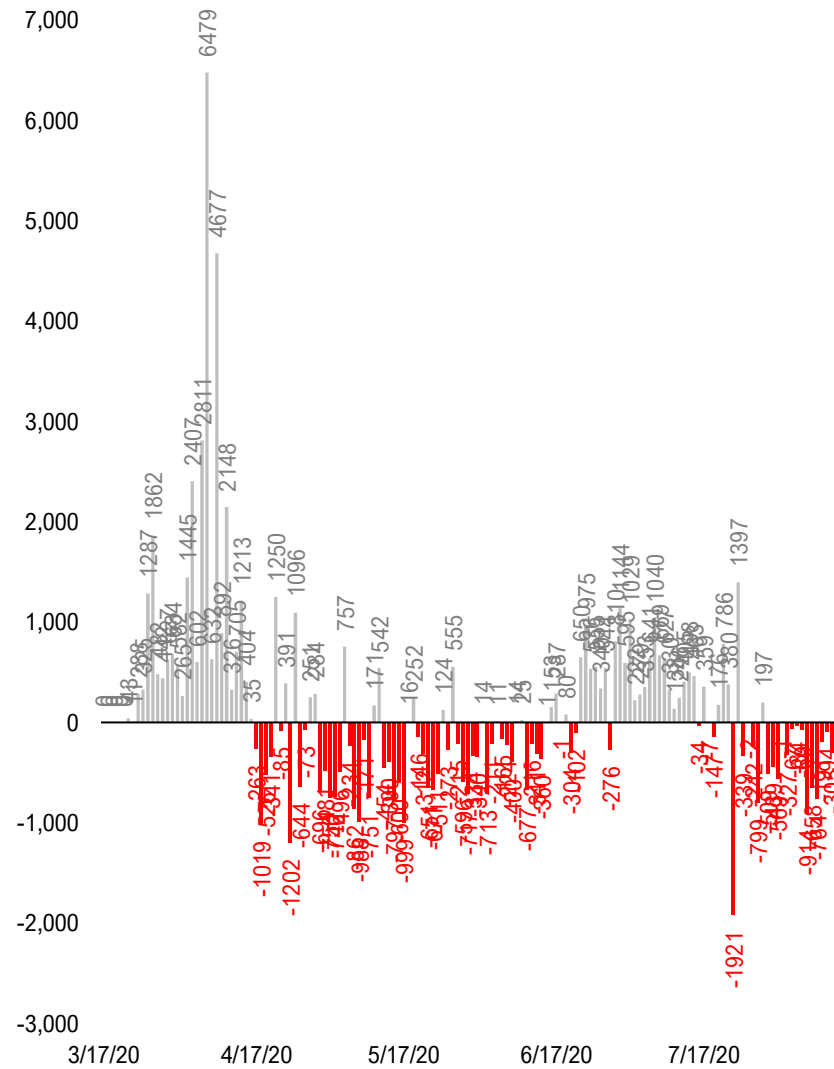
## US Gross Hospitalizations

(Composite of 33 states that report "gross hospitalizations")



## US Net Hospitalizations

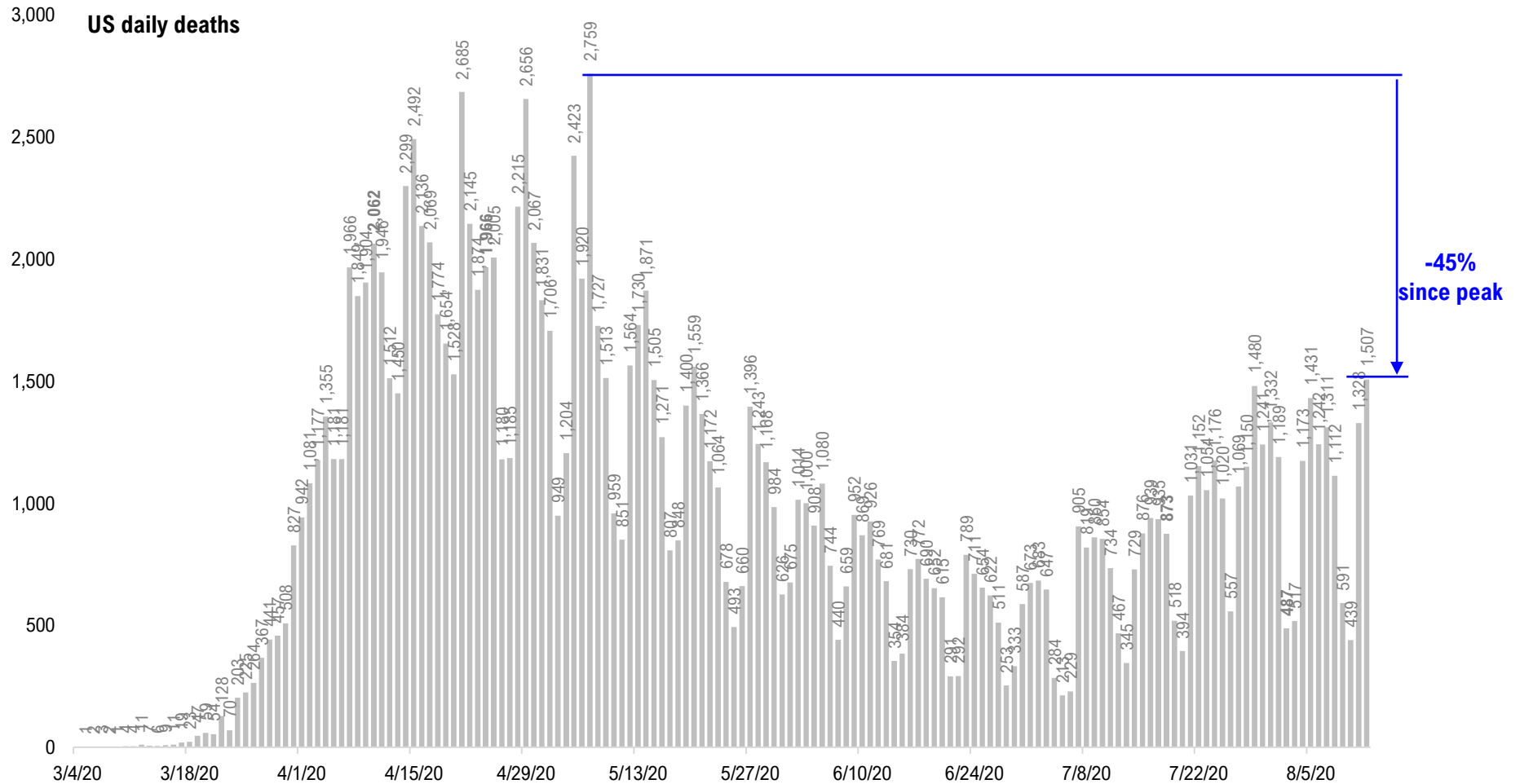
(Composite of 18 states that report "net/current hospitalizations")





# #8: US Daily New Fatalities...

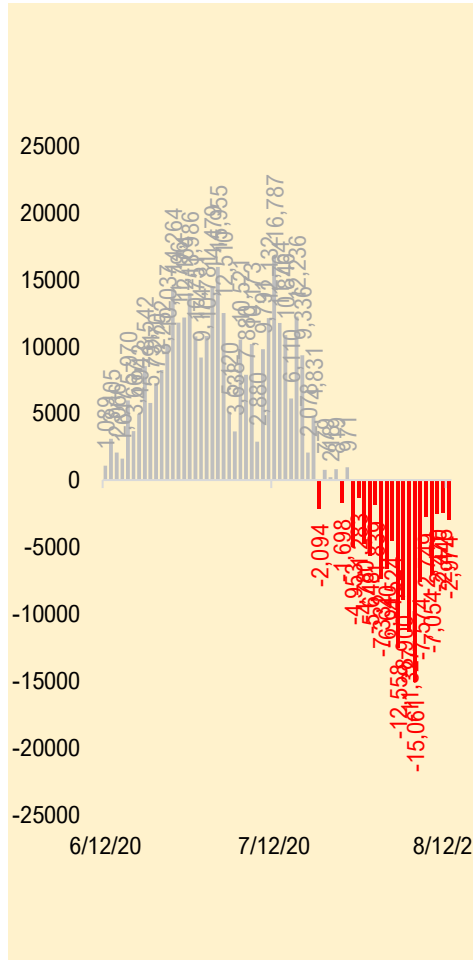
## US daily COVID-19 Fatalities



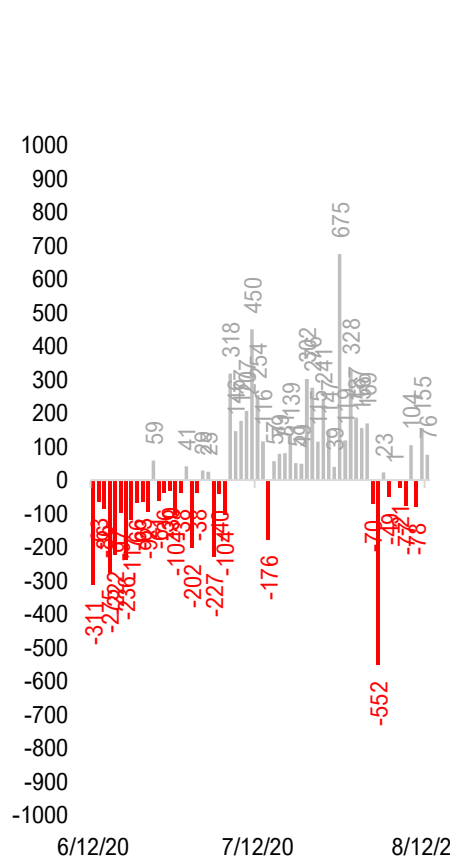
Source: Fundstrat, COVID-19 Tracking Project, State Department of Health

# #9: Rolling 7-Day Change in the Key Metrics... (Past 8 Weeks)

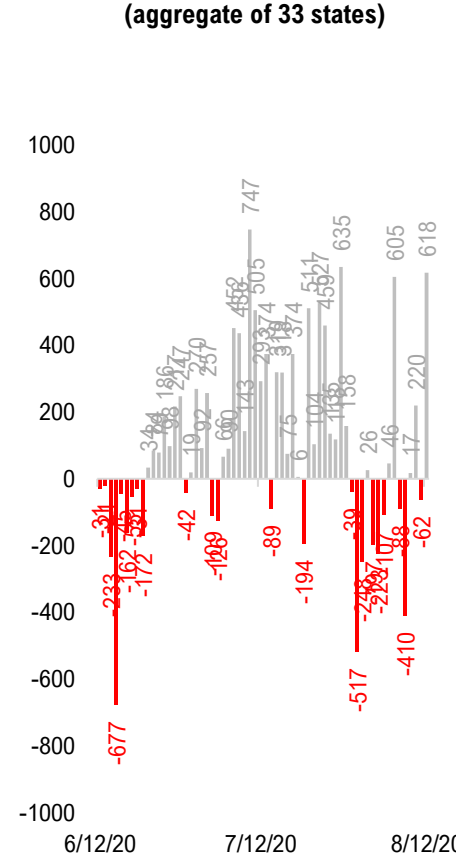
### Daily New Cases (ex-CA)



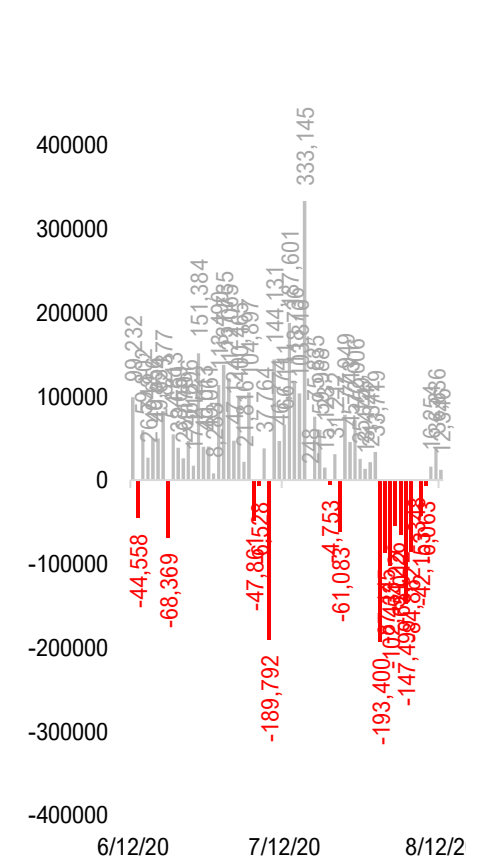
### Daily Deaths



### Daily New Gross hospitalization (aggregate of 33 states)

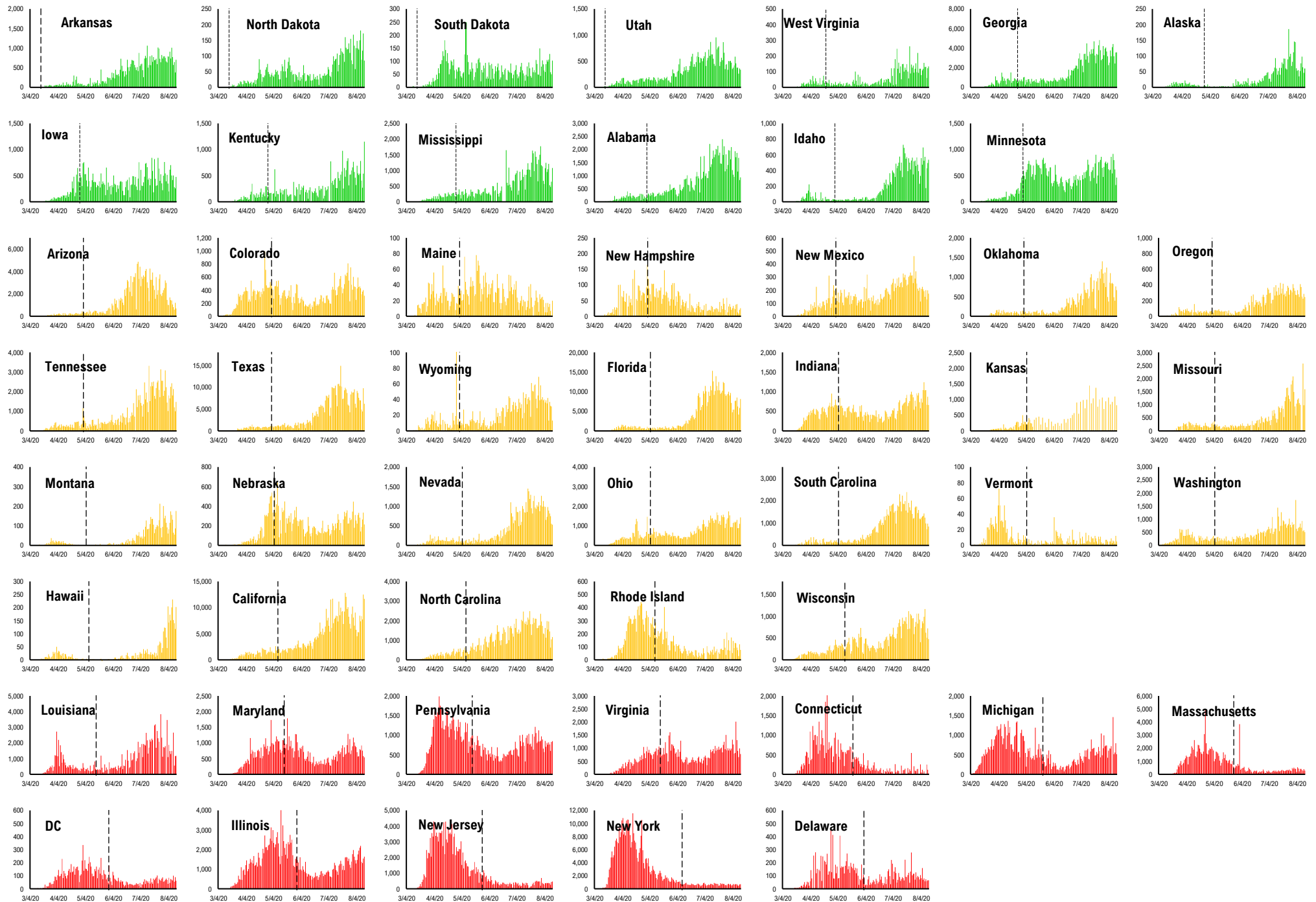


### Daily Tests

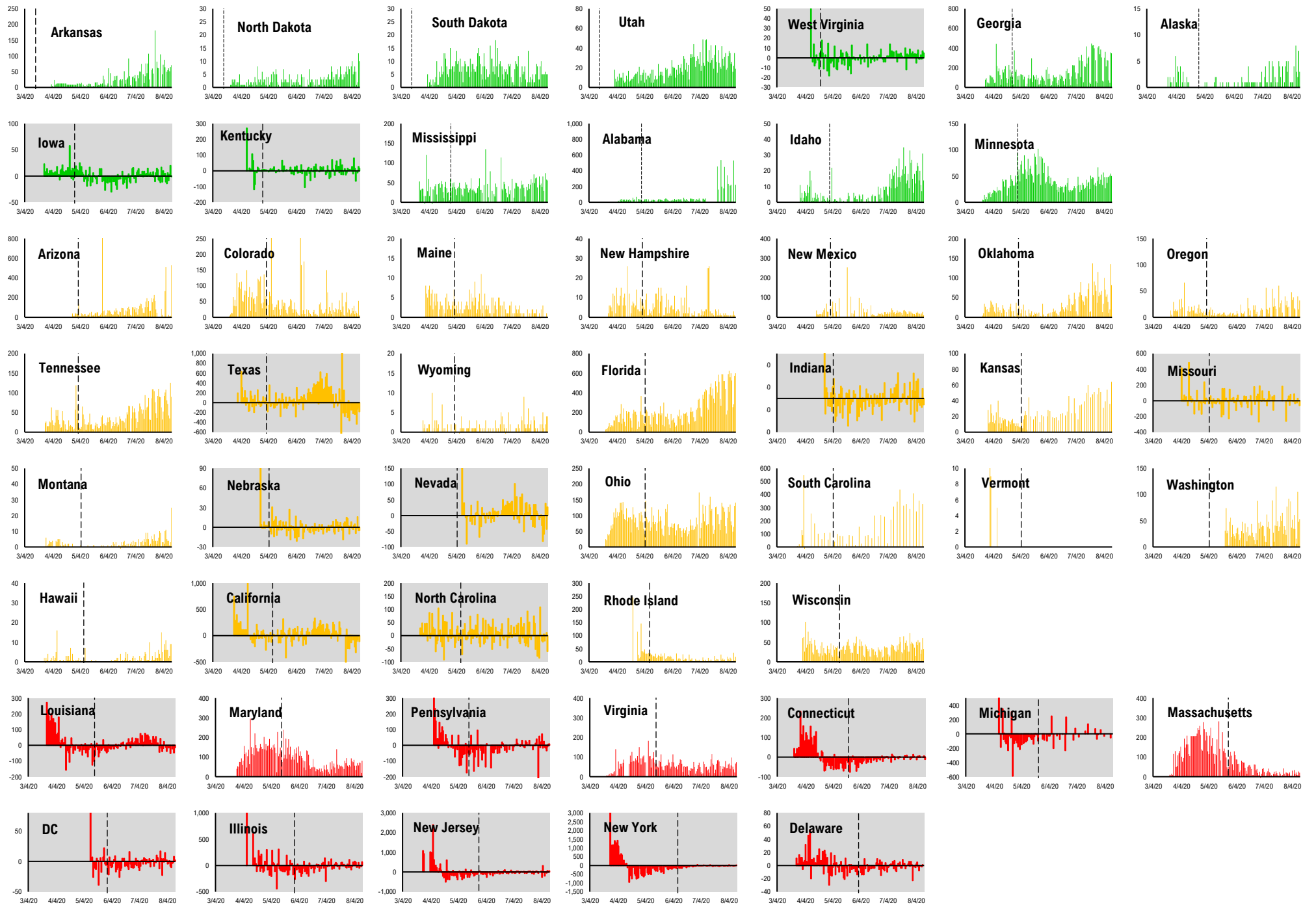


\* Ignored California since August 10, due to its data glitch caused 300,000-case backlog  
Source: Fundstrat, COVID-19 Tracking Project, State Department of Health

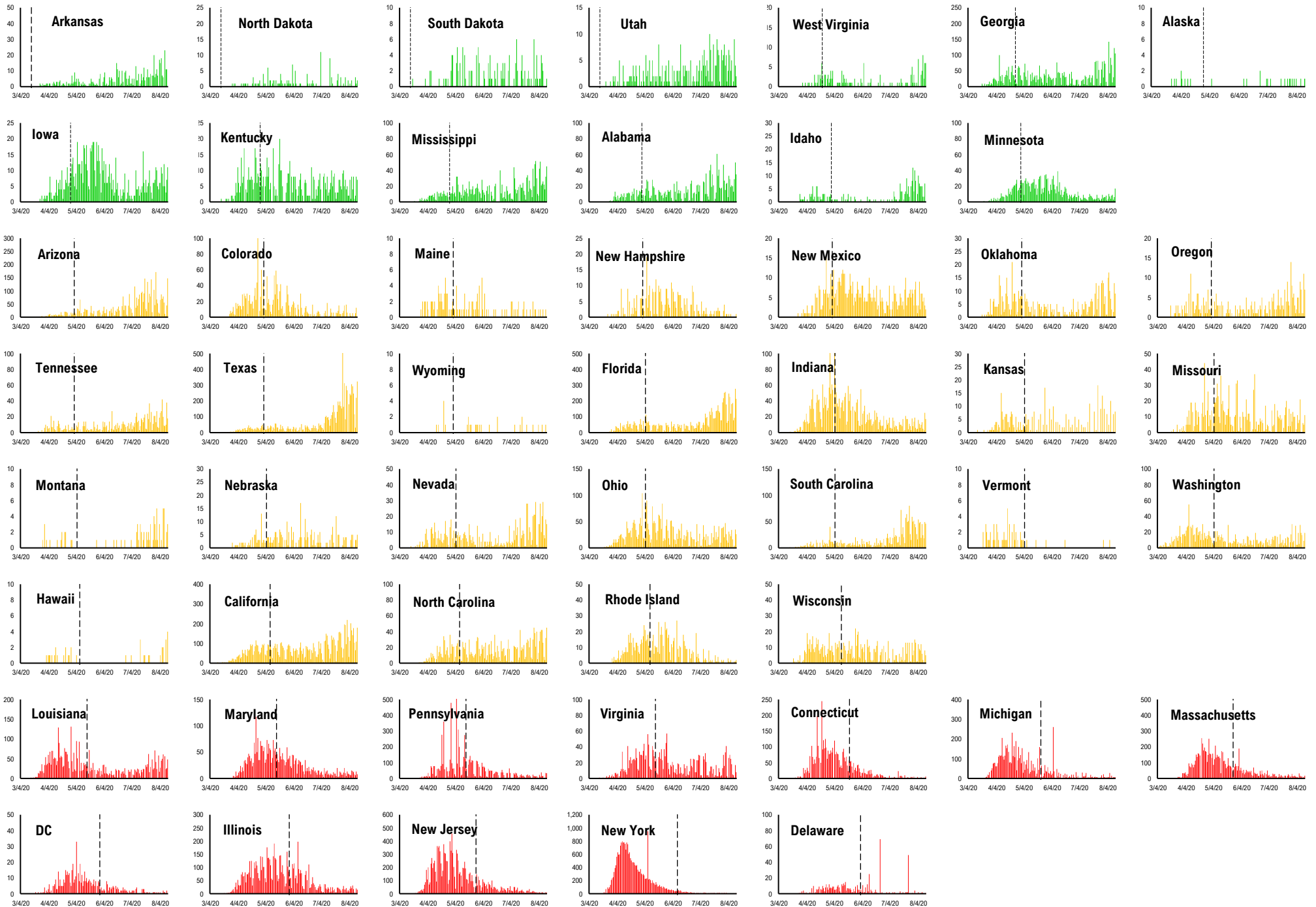
# #10: Daily New Cases by States... (sorted by "open" date)



# #11: Daily Hospitalizations by States... (sorted by "open" date)



# #12: Daily New Deaths by States... (sorted by "open" date)



# #13: State COVID-19 situation by Reopen Date...

**Daily Cases**

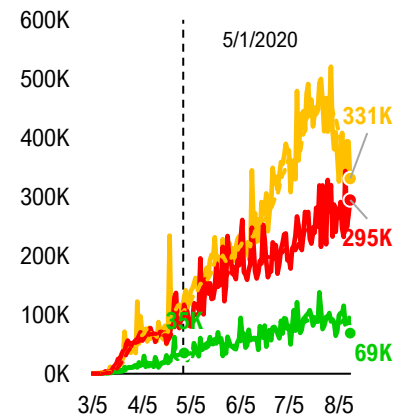
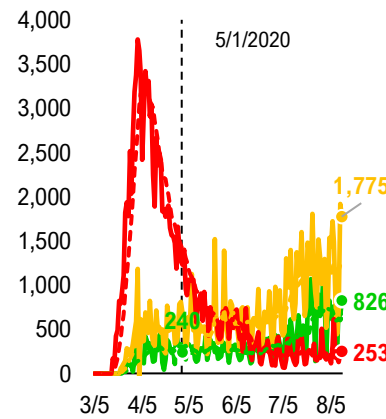
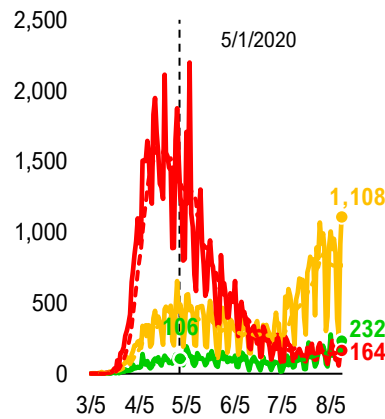
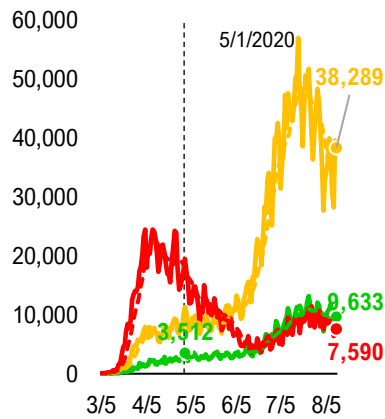
**Daily Deaths**

**Daily Hospitalization**

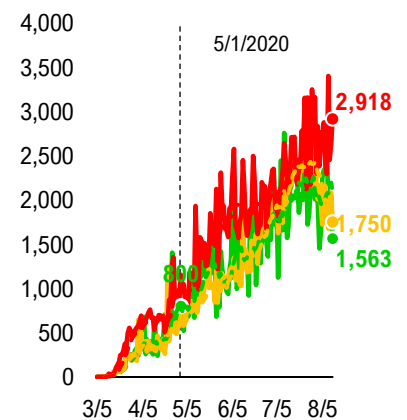
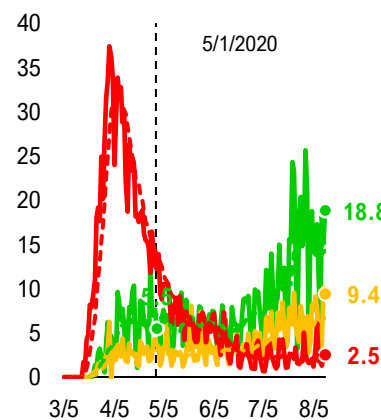
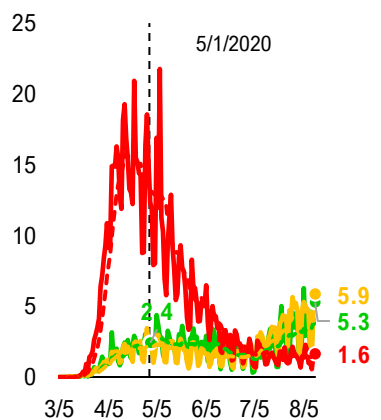
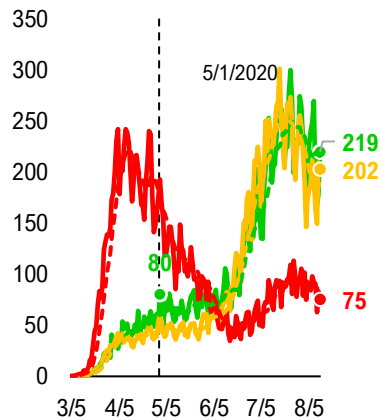
**Daily Testing**

— States Open Before 5/1    — States Open between 5/1 and 5/11    — States Open after 5/11

**Composite Daily Aggregate**

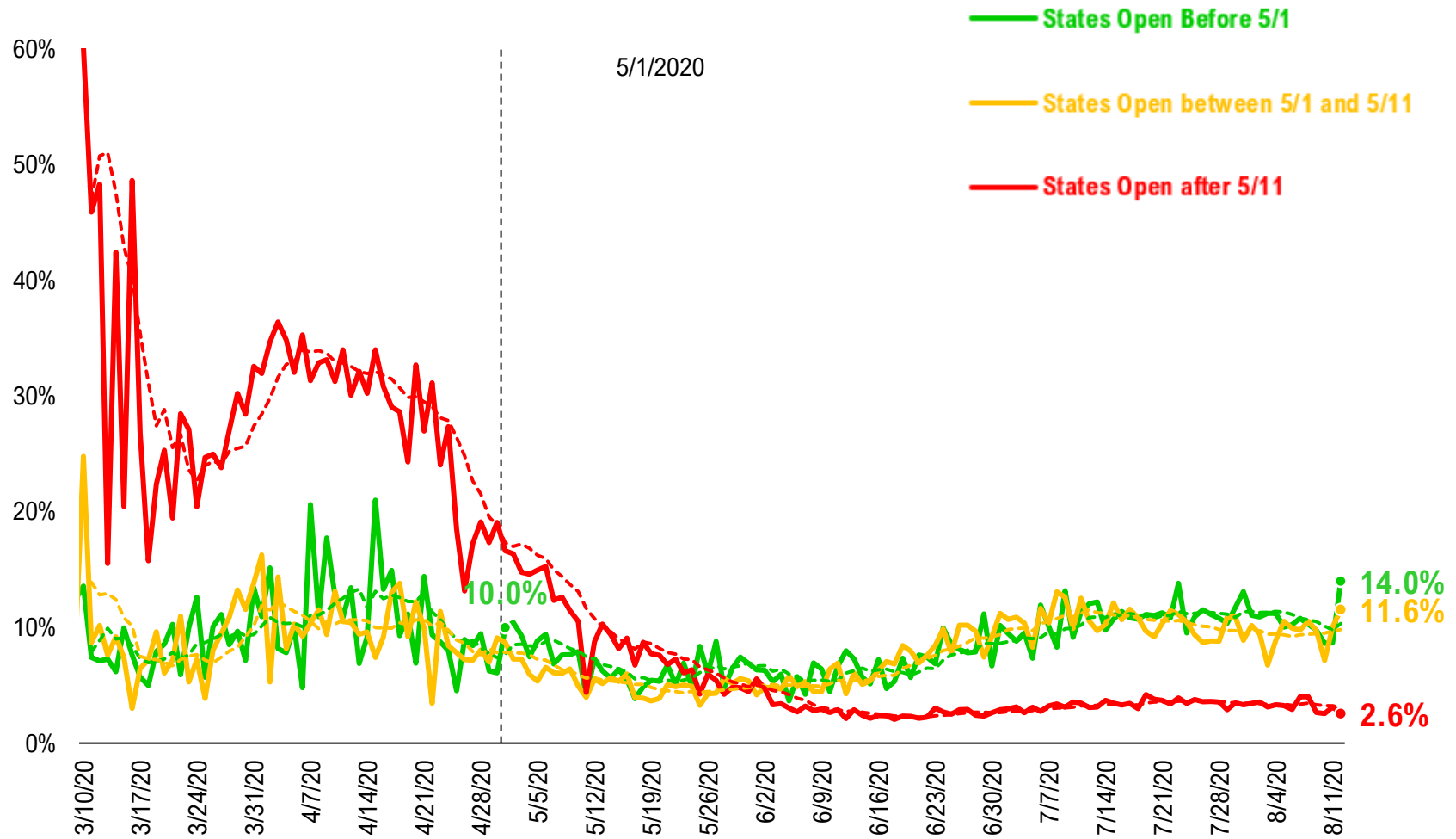


**Composite Daily Aggregate Per 1mm Pop**

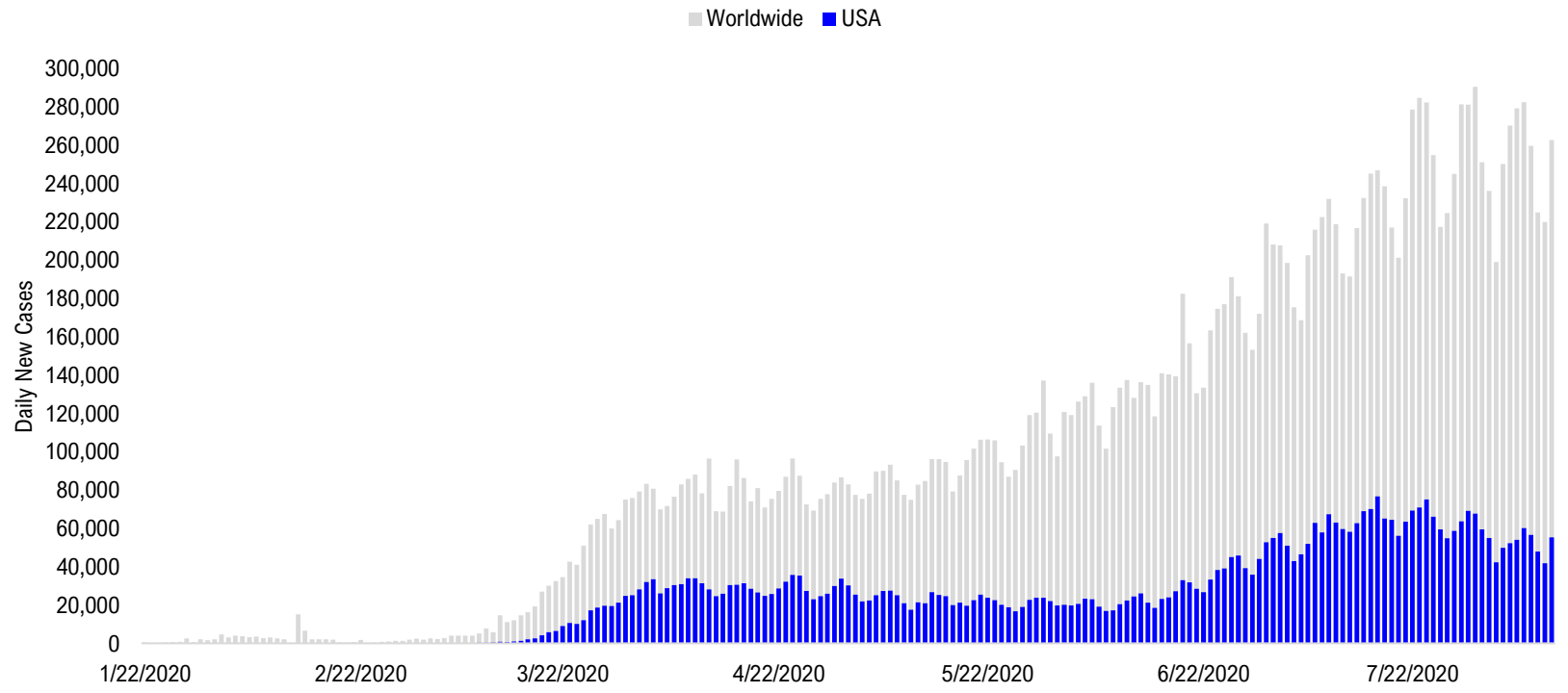


# #14: State COVID-19 Daily Positivity Rate by Reopen Date...

## Composite Daily Positivity Rate



# #15: Global COVID-19 Situation at a Glance...



3/27/2020	4/10/2020	4/24/2020	5/8/2020	5/22/2020	6/5/2020	6/19/2020	7/3/2020	7/17/2020	7/31/2020	8/11/2020
Europe 35,634	Europe 38,586	US + Canada 34,019	US + Canada 28,068	Latin America 33,875	Latin America 47,182	Latin America 58,570	Latin America 72,231	Latin America 72,602	Latin America 97,308	Latin America 73,444
US + Canada 16,624	US + Canada 34,328	Europe 30,669	Europe 27,422	US + Canada 25,073	US + Canada 21,894	US + Canada 28,473	US + Canada 55,408	US + Canada 72,365	US + Canada 67,272	Pakistan + India + Bangladesh 62,241
Latin America 1,416	Latin America 5,790	Latin America 11,820	Latin America 18,868	Europe 19,514	Europe 18,212	Pakistan + India + Bangladesh 22,981	Pakistan + India + Bangladesh 27,389	Pakistan + India + Bangladesh 39,450	Pakistan + India + Bangladesh 58,625	US + Canada 48,770
Asia ex- India+Pakistan 978	Asia ex- India+Pakistan 1,638	Pakistan + India + Bangladesh 2,801	Pakistan + India + Bangladesh 5,721	Pakistan + India + Bangladesh 9,981	Pakistan + India + Bangladesh 16,820	Europe 18,730	Europe 16,249	Africa 19,290	Europe 20,876	Europe 21,170
Africa 545	Pakistan + India + Bangladesh 1,098	Asia ex- India+Pakistan 2,369	Africa 2,945	Africa 4,166	Africa 6,467	Africa 8,930	Africa 14,218	Europe 17,457	Africa 17,999	Africa 9,777
Pakistan + India + Bangladesh 264	Africa 760	Africa 1,520	Asia ex- India+Pakistan 1,906	Asia ex- India+Pakistan 2,225	Asia ex- India+Pakistan 2,565	Asia ex- India+Pakistan 3,314	Asia ex- India+Pakistan 12,006	Asia ex- India+Pakistan 7,321	Asia ex- India+Pakistan 10,630	Asia ex- India+Pakistan 9,619



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