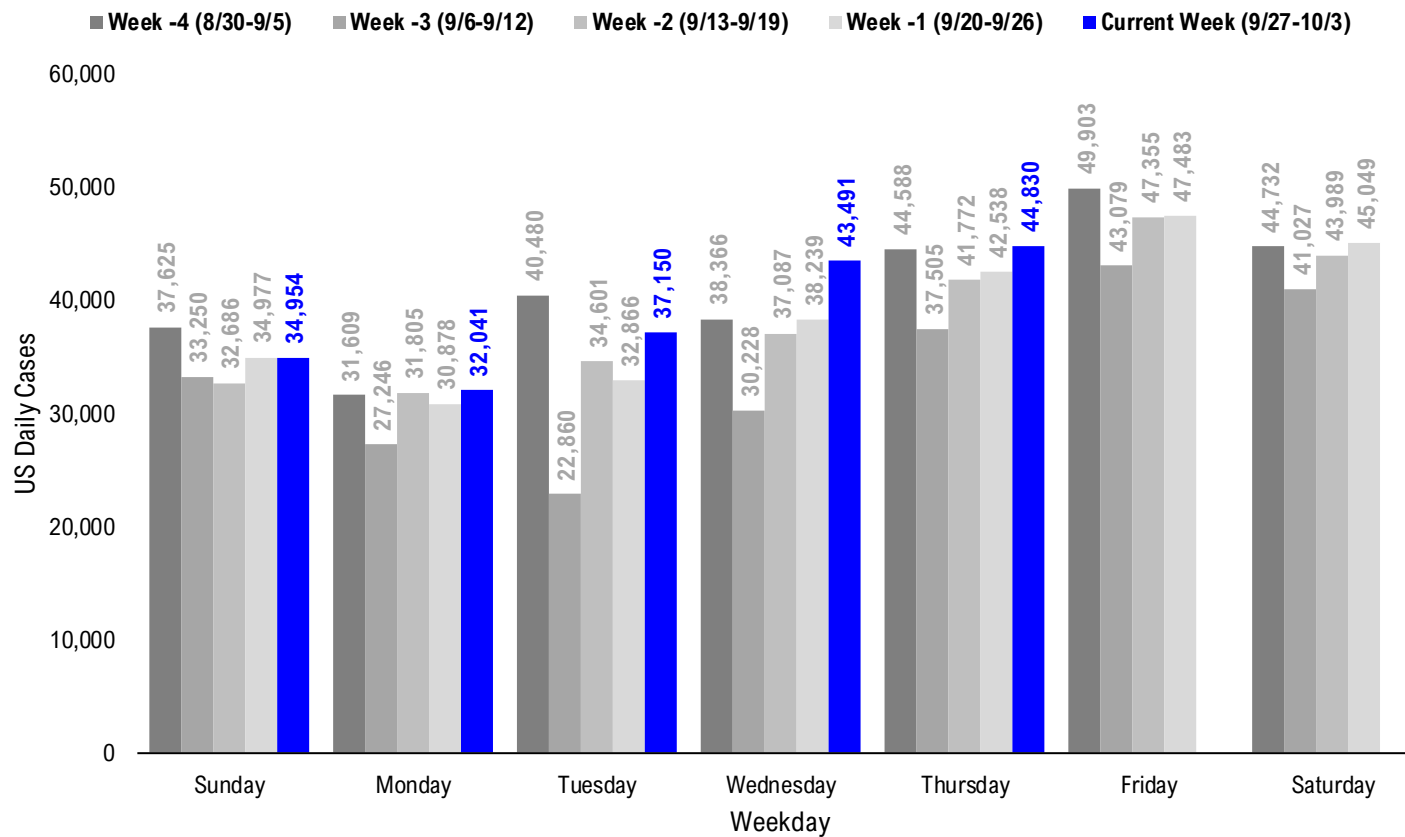


# FSInsight Daily COVID-19 Chartbook





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



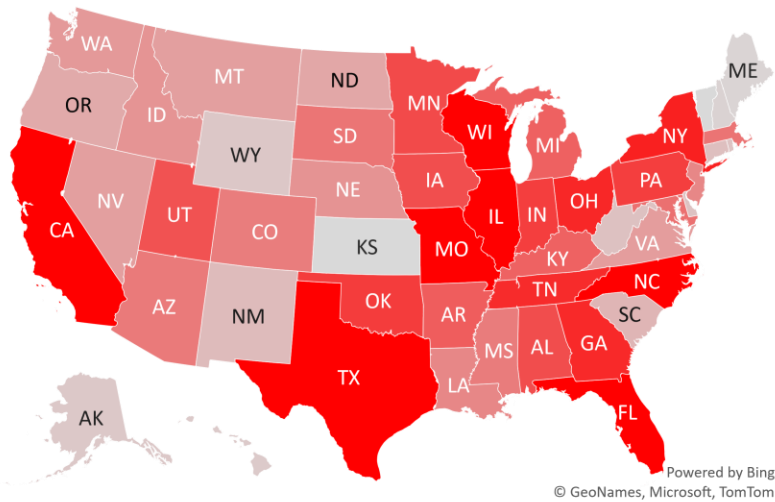
# #3: USA State COVID-19 Situation at a Glance...

		Sorted Daily Cases		Daily Cases (3D avg) per 1mm residents		Since Peak		% Decline in Daily Cases	
		% US Pop	10/1/20	7D Delta	10/1/20	7D Delta	# Days		
United States		100%	44,830	+2,292	127	+12	76	-42%	
<b>States:</b>									
1	Texas	8.7%	3,234	-606	142	+18	76	-66%	
2	California	11.9%	3,062	-108	71	-4	69	-76%	
3	Wisconsin	1.8%	2,887	+495	434	+100	5	-2%	
4	Florida	6.5%	2,628	+87	122	+4	80	-80%	
5	North Carolina	3.2%	2,277	+589	148	+27	75	-30%	
6	Illinois	3.8%	2,166	-91	153	+4	25	-41%	
7	Missouri	1.8%	1,799	+434	252	+34	63	-20%	
8	New York	5.9%	1,382	+427	61	+21	174	-89%	
9	Ohio	3.5%	1,327	+336	100	+27	62	-25%	
10	Georgia	3.2%	1,308	-60	127	+11	68	-69%	
11	Tennessee	2.1%	1,293	+458	181	+28	65	-55%	
12	Oklahoma	1.2%	1,170	+87	267	-14	65	-14%	
13	Indiana	2.0%	1,157	+258	141	+32	18	-20%	
14	Pennsylvania	3.9%	1,156	+303	86	+19	174	-39%	
15	Minnesota	1.7%	1,066	+154	151	+29	4	-31%	
16	Alabama	1.5%	1,043	-10	188	+23	68	-56%	
17	Iowa	1.0%	1,038	-110	278	-11	34	-28%	
18	Utah	1.0%	1,008	-190	271	-12	5	-28%	
19	Arkansas	0.9%	921	-109	222	-42	68	-27%	
20	Michigan	3.0%	891	-91	95	+22	160	-23%	
21	Kentucky	1.3%	888	+247	208	+41	0	0%	
22	Maryland	1.8%	785	+282	90	+22	133	-57%	
23	Massachusetts	2.1%	754	+273	87	+29	159	-83%	
24	South Dakota	0.3%	747	+284	527	+64	5	-7%	
25	Arizona	2.2%	705	+137	78	+5	91	-87%	
26	Mississippi	0.9%	696	-41	206	+9	63	-60%	
27	Colorado	1.7%	682	+134	100	-5	158	-21%	
28	New Jersey	2.7%	614	+50	67	+14	179	-85%	

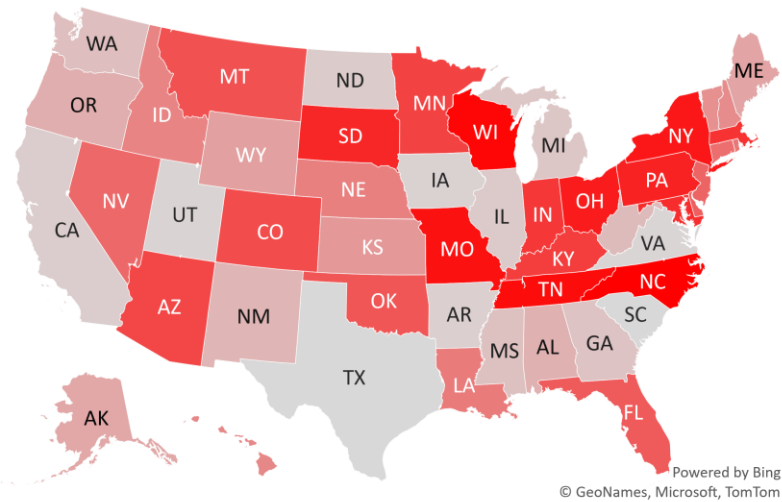
		Sorted Daily Cases		Daily Cases (3D avg) per 1mm residents		Since Peak		% Decline in Daily Cases	
		% US Pop	10/1/20	7D Delta	10/1/20	7D Delta	# Days		
United States		100%	44,830	+2,292	127	+12	76	-42%	
<b>States:</b>									
29	Louisiana	1.4%	608	+31	114	-12	72	-80%	
30	Nebraska	0.6%	520	+27	259	+53	152	-3%	
31	Idaho	0.5%	513	+22	306	+57	76	-19%	
32	Washington	2.3%	480	-29	55	+4	78	-59%	
33	Virginia	2.6%	450	-452	83	-9	53	-50%	
34	Nevada	0.9%	430	+40	132	+6	75	-70%	
35	Montana	0.3%	429	+99	339	+85	0	0%	
36	North Dakota	0.2%	372	-98	540	+12	5	-12%	
37	Oregon	1.3%	353	-9	69	-0	61	-21%	
38	South Carolina	1.6%	267	-585	79	-89	81	-80%	
39	Puerto Rico	1.0%	230	-487	92	+4	5	-49%	
40	New Mexico	0.6%	226	-11	107	+21	64	-38%	
41	Connecticut	1.1%	192	+35	56	+14	162	-87%	
42	West Virginia	0.5%	176	-26	95	-4	19	-28%	
43	Delaware	0.3%	174	+57	136	+40	156	-60%	
44	Rhode Island	0.3%	166	+32	154	+35	159	-62%	
45	Wyoming	0.2%	135	-1	189	-18	6	-19%	
46	Alaska	0.2%	124	-4	160	+57	60	-13%	
47	Hawaii	0.4%	108	+18	73	-2	33	-65%	
48	Guam	0.0%	62	+34	322	+88	35	-51%	
49	New Hampshire	0.4%	51	+14	27	+4	152	-71%	
50	Maine	0.4%	40	-4	32	+5	132	-37%	
51	District of Columbia	0.2%	32	-24	44	-16	151	-86%	
52	U.S. Virgin Islands	0.0%	5	-7	19	-47	41	-96%	
53	Vermont	0.2%	3	+1	5	+3	179	-94%	
54	Northern Mariana Islands	0.0%	0	+0	0	+0	9	-100%	
55	Kansas	0.9%	0	+0	128	-17	1	-65%	
56	American Samoa	0.0%	0	+0		+0	-	-	

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

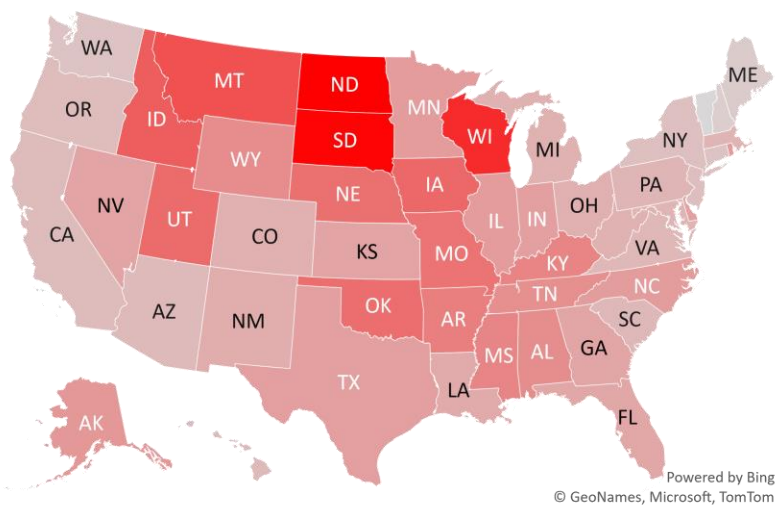
**Daily Case Increases**



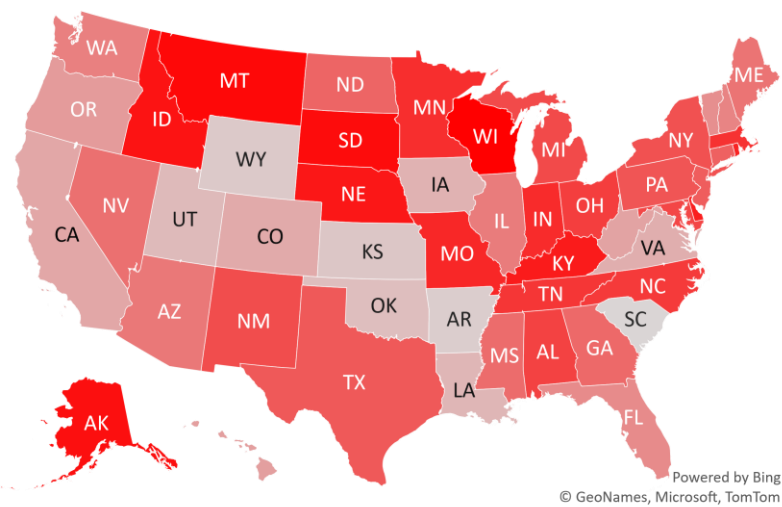
**7D Delta in Daily New Cases**



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



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





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

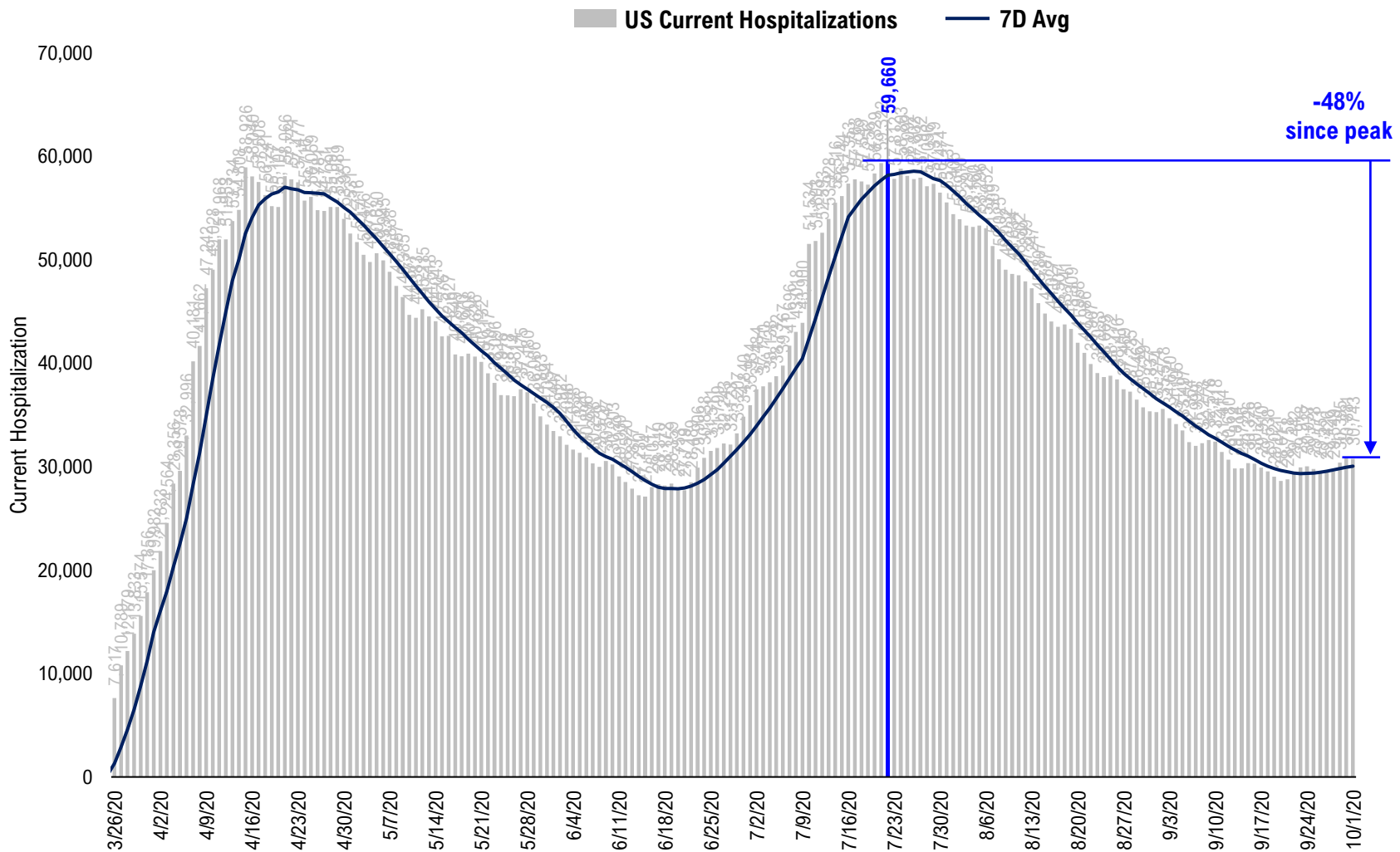
	Sorted				
	7D Ago	Last 3-day Trend			
	9/24/20	9/29/20	9/30/20	10/1/20	vs 7D ago
United States	42,538	37,150	43,491	44,830	+2,292
<b>States:</b>					
Texas	3,840	3,812	5,335	3,234	
California	3,170	2,162	3,200	3,062	
Wisconsin	2,392	2,367	2,319	2,887	<--higher
Florida	2,541	3,266	1,948	2,628	
North Carolina	1,688	889	1,495	2,277	<--higher
Illinois	2,257	1,362	2,273	2,166	
Missouri	1,365	1,486	1,351	1,799	<--higher
New York	955	1,189	1,000	1,382	<--higher
Ohio	991	1,105	1,080	1,327	<--higher
Georgia	1,368	1,025	1,720	1,308	
Tennessee	835	879	1,528	1,293	<--higher
Oklahoma	1,083	1,025	980	1,170	
Indiana	899	744	953	1,157	<--higher
Pennsylvania	853	988	1,153	1,156	<--higher
Minnesota	912	809	687	1,066	
Alabama	1,053	571	1,147	1,043	
Iowa	1,148	474	1,120	1,038	
Utah	1,198	694	906	1,008	
Arkansas	1,030	482	607	921	
Michigan	982	898	1,054	891	
Kentucky	641	917	984	888	<--higher
Maryland	503	431	414	785	<--higher
Massachusetts	481	512	532	754	<--higher
South Dakota	463	259	392	747	<--higher
Arizona	568	674	323	705	<--higher
Mississippi	737	589	552	696	
Colorado	548	535	511	682	<--higher
New Jersey	564	456	712	614	

	Sorted				
	7D Ago	Last 3-day Trend			
	9/24/20	9/29/20	9/30/20	10/1/20	vs 7D ago
United States	42,538	37,150	43,491	44,830	+2,292
<b>States:</b>					
Louisiana	577	533	452	608	
Nebraska	493	515	466	520	
Idaho	491	511	614	513	
Washington	509	369	404	480	
Virginia	902	923	755	450	
Nevada	390	404	385	430	
Montana	330	311	347	429	<--higher
North Dakota	470	418	445	372	
Oregon	362	297	218	353	
South Carolina	852	584	364	267	
Puerto Rico	717	444	207	230	
New Mexico	237	172	278	226	
Connecticut	157	182	221	192	<--higher
West Virginia	202	180	156	176	
Delaware	117	142	82	174	<--higher
Rhode Island	134	132	192	166	<--higher
Wyoming	136	67	127	135	
Alaska	128	124	103	124	
Hawaii	90	86	118	108	
Guam	28	53	45	62	<--higher
New Hampshire	37	25	33	51	<--higher
Maine	44	37	54	40	
District of Columbia	56	36	26	32	
U.S. Virgin Islands	12	1	0	5	
Vermont	2	4	3	3	<--higher
Northern Mariana Islands	0	0	0	0	
Kansas	0	0	1,120	0	
American Samoa	0	0	0	0	

<--higher - if the state has 20% more daily cases than 7D ago...  
 Source: Fundstrat, COVID-19 Tracking Project, State Department of Health

# #7: US Daily Hospitalizations...

## US Net Hospitalizations (aggregate of 50 states + Washington, D.C.)

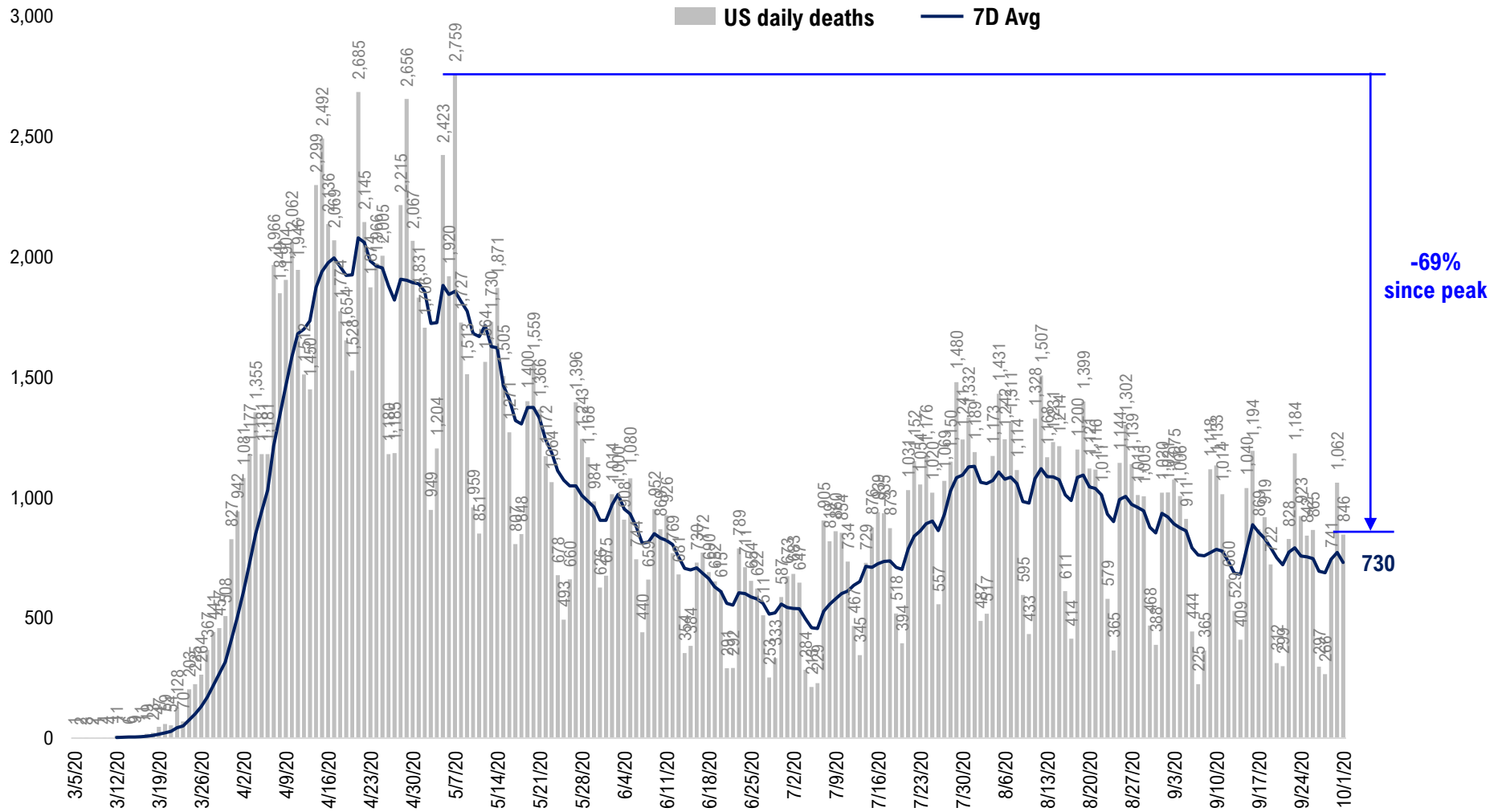


Source: Fundstrat, COVID-19 Tracking Project, State Department of Health



# #8: US Daily New Fatalities...

## US daily COVID-19 Fatalities



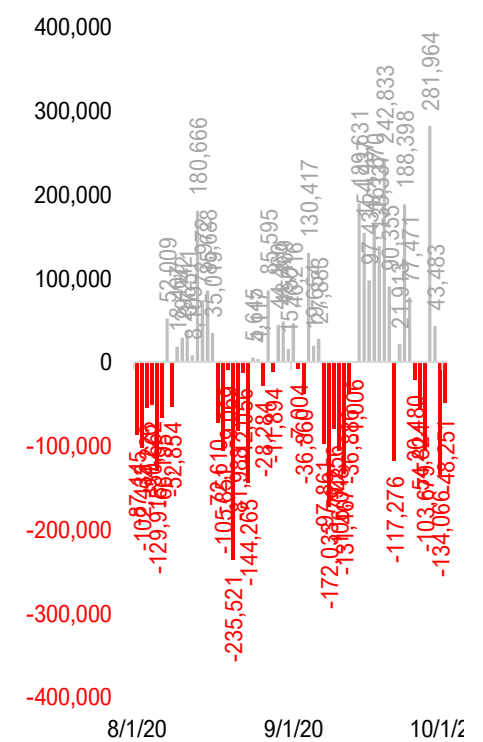
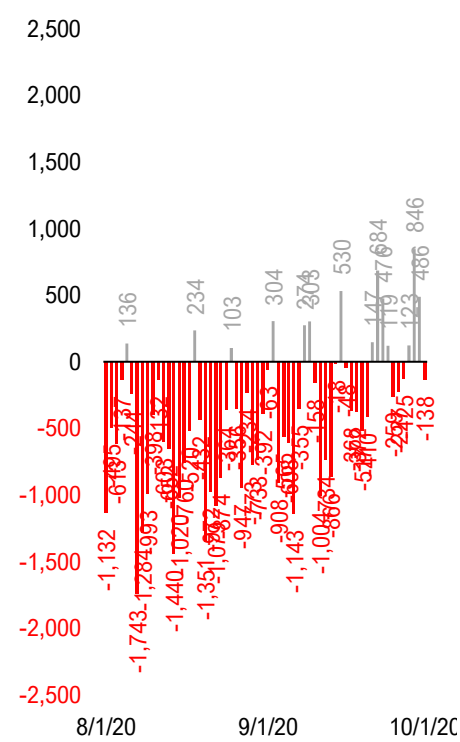
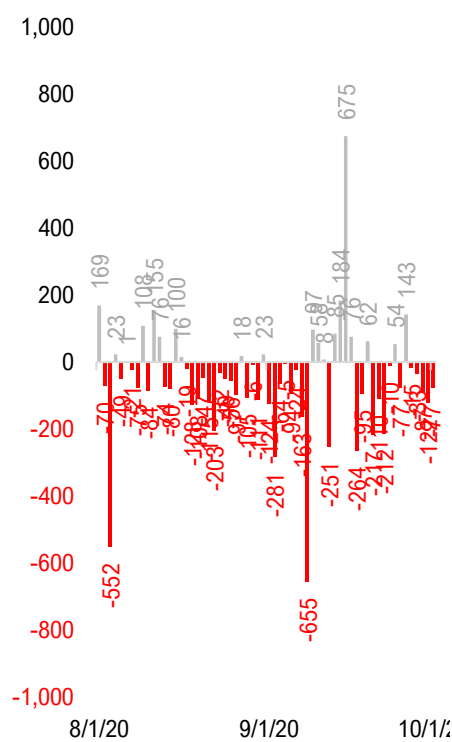
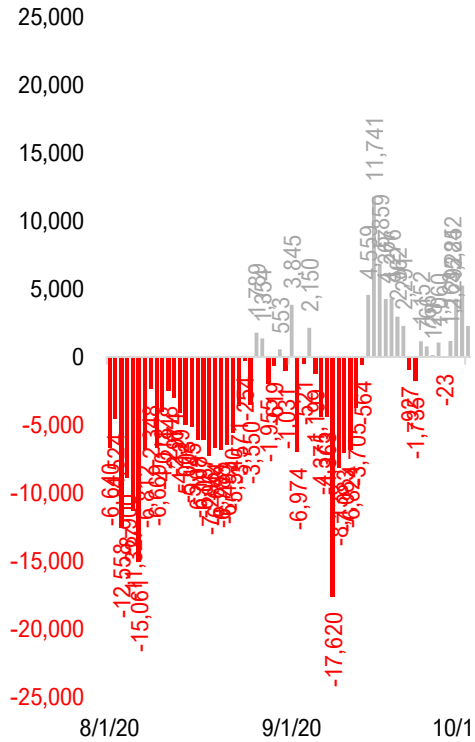
# #9: Rolling 7-Day Change in the Key Metrics... (Past 8 Weeks)

**Daily New Cases**  
(8/10-8/23 ex-CA; 9/4-9/5 ex-IL)

**Daily Deaths**

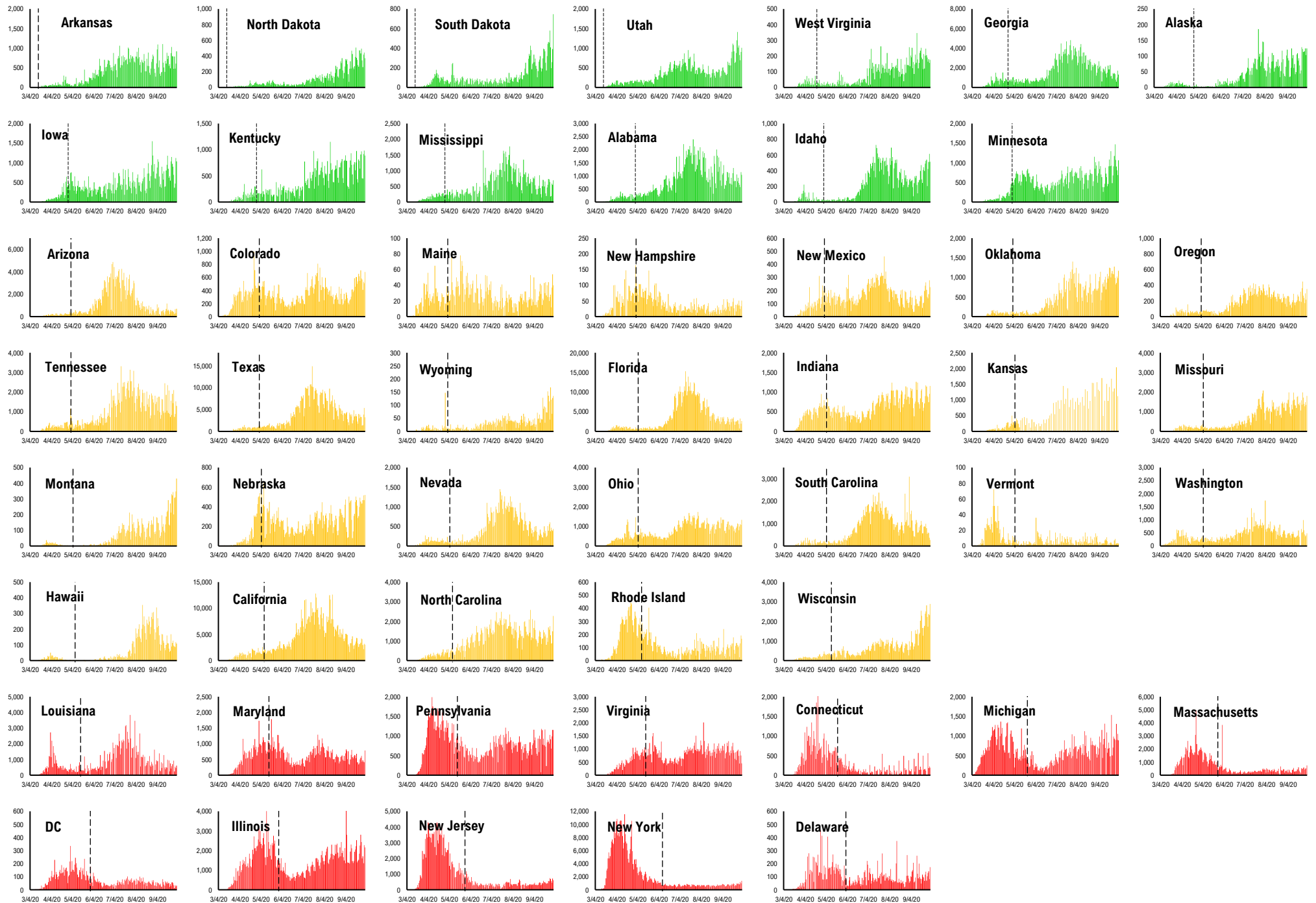
**Daily Net Hospitalization**  
(Red = more discharge than admission)

**Daily Tests**

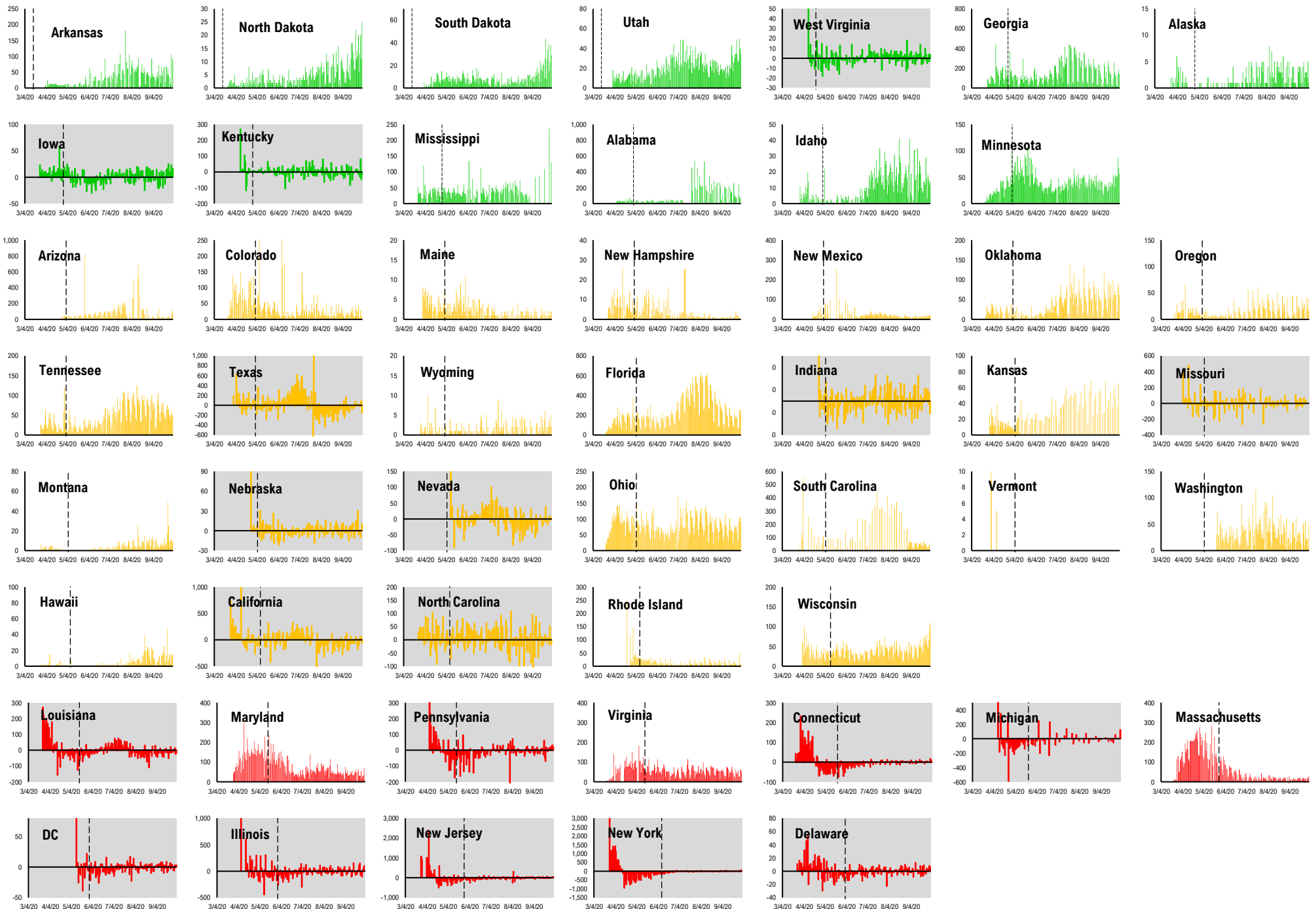


\* Ignored California between 8/10 and 8/23, due to its data glitch caused 300,000-case backlog  
Source: Fundstrat, COVID-19 Tracking Project, State Department of Health

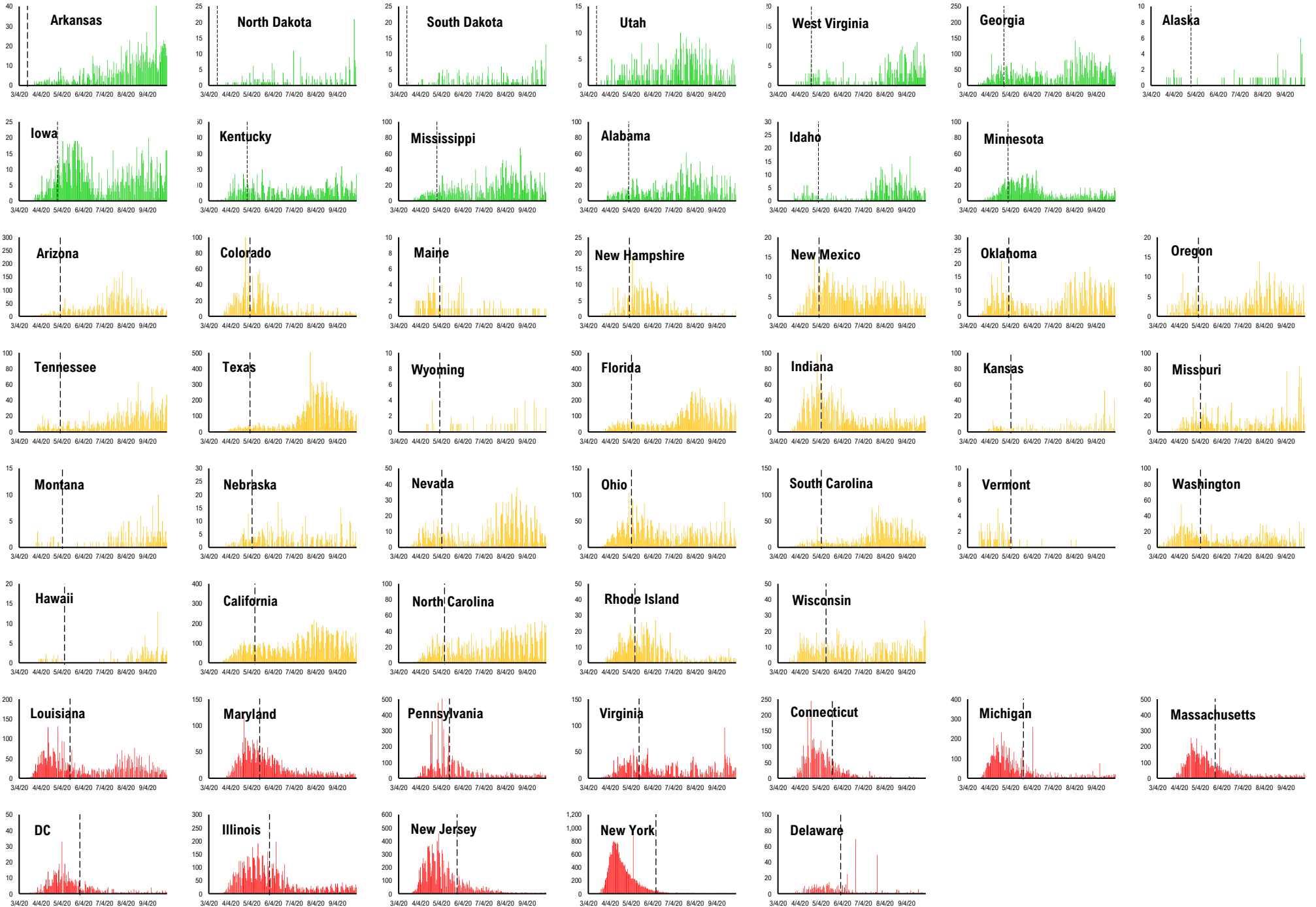
# #10: Daily New Cases by States... (sorted by "open" date)



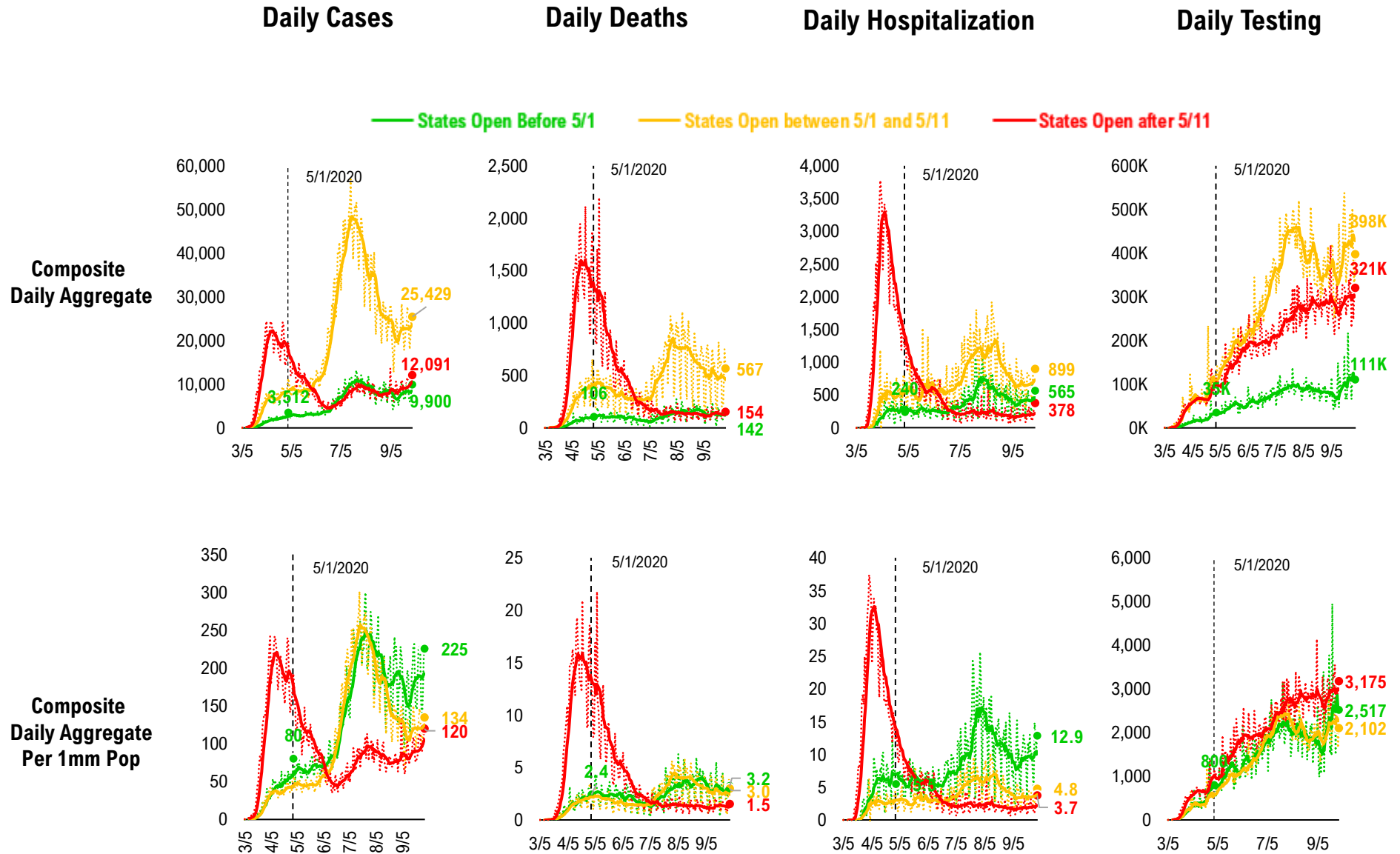
# #11: Daily Hospitalizations by States... (sorted by "open" date)



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

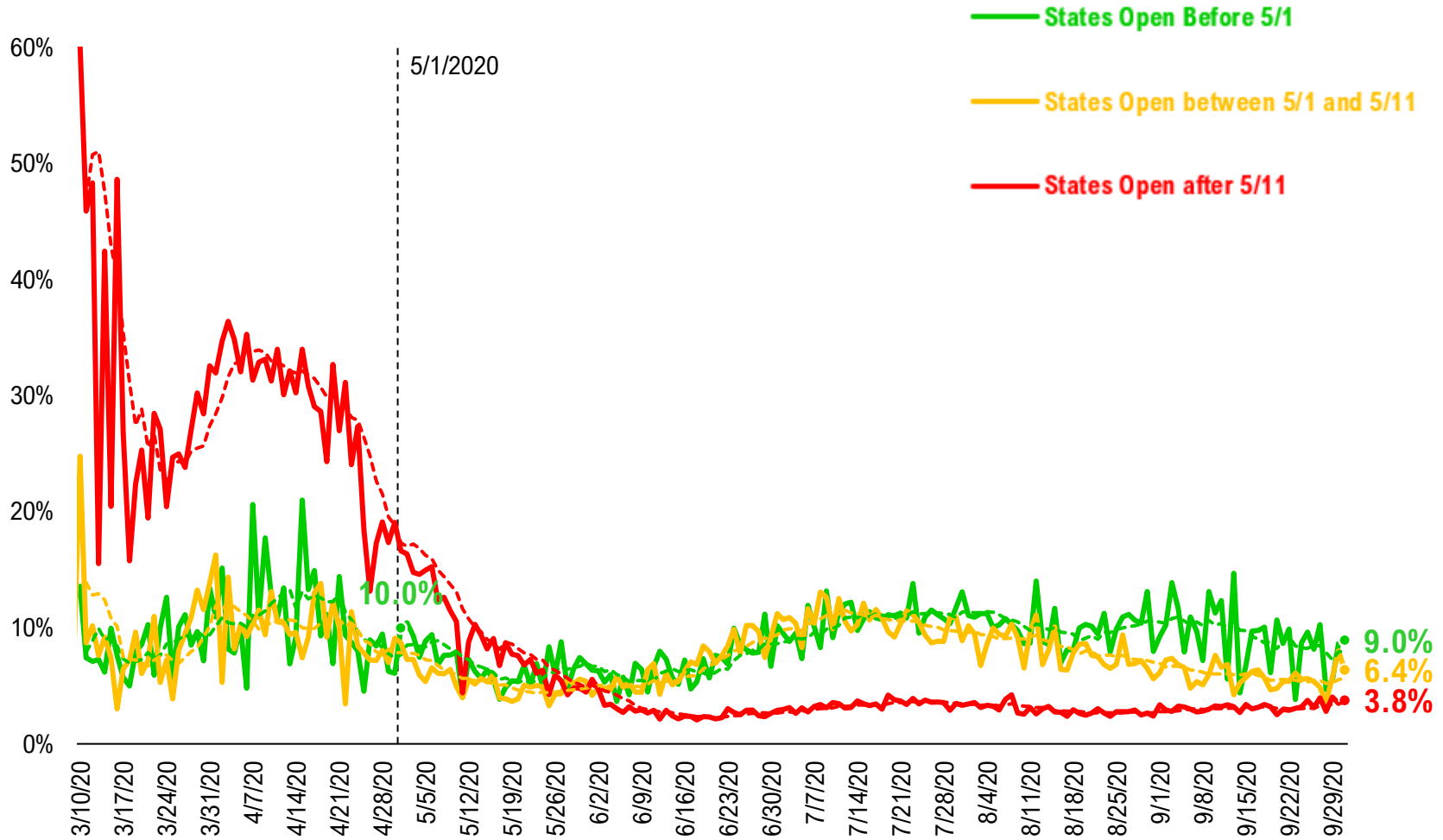


# #13: State COVID-19 situation by Reopen Date...

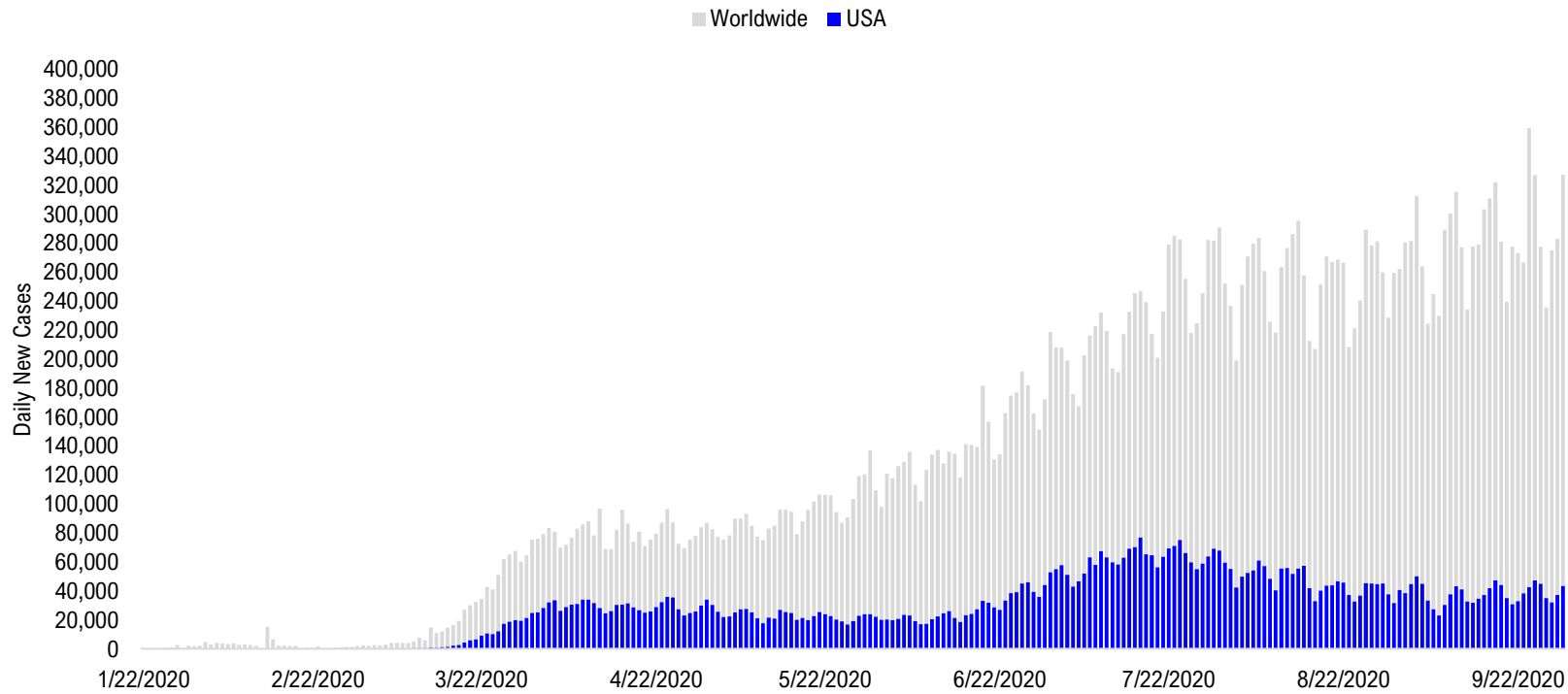


# #14: State COVID-19 Daily Positivity Rate by Reopen Date...

## Composite Daily Positivity Rate



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



5/15/2020	5/29/2020	6/12/2020	6/26/2020	7/10/2020	7/24/2020	8/7/2020	8/21/2020	9/4/2020	9/18/2020	9/30/2020
US + Canada 25,443	Latin America 42,759	Latin America 51,123	Latin America 68,227	Latin America 73,176	Latin America 97,008	Latin America 97,310	Latin America 85,471	Latin America 88,295	Pakistan + India + Bangladesh 98,115	Pakistan + India + Bangladesh 81,393
Latin America 25,394	US + Canada 22,796	US + Canada 22,798	US + Canada 41,092	US + Canada 63,055	US + Canada 72,289	Pakistan + India + Bangladesh 63,674	Pakistan + India + Bangladesh 72,740	Pakistan + India + Bangladesh 87,400	Latin America 76,730	Europe 76,234
Europe 22,177	Europe 19,130	Pakistan + India + Bangladesh 18,309	Pakistan + India + Bangladesh 24,668	Pakistan + India + Bangladesh 32,386	Pakistan + India + Bangladesh 52,184	US + Canada 56,150	US + Canada 45,030	US + Canada 44,859	Europe 57,871	Latin America 61,778
Pakistan + India + Bangladesh 6,133	Pakistan + India + Bangladesh 12,032	Europe 18,149	Europe 17,889	Africa 17,127	Africa 20,063	Europe 23,878	Europe 32,513	Europe 40,013	US + Canada 43,079	US + Canada 39,401
Africa 2,942	Africa 5,307	Africa 7,322	Africa 11,684	Europe 16,204	Europe 18,765	Africa 14,390	Africa 10,566	Asia ex- India+Pakistan 8,720	Asia ex- India+Pakistan 10,763	Asia ex- India+Pakistan 10,242
Asia ex- India+Pakistan 2,033	Asia ex- India+Pakistan 2,762	Asia ex- India+Pakistan 3,064	Asia ex- India+Pakistan 3,866	Asia ex- India+Pakistan 7,373	Asia ex- India+Pakistan 8,636	Asia ex- India+Pakistan 10,424	Asia ex- India+Pakistan 10,047	Africa 8,318	Africa 7,997	Africa 7,191



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