

# COVID-19 Statistical Review

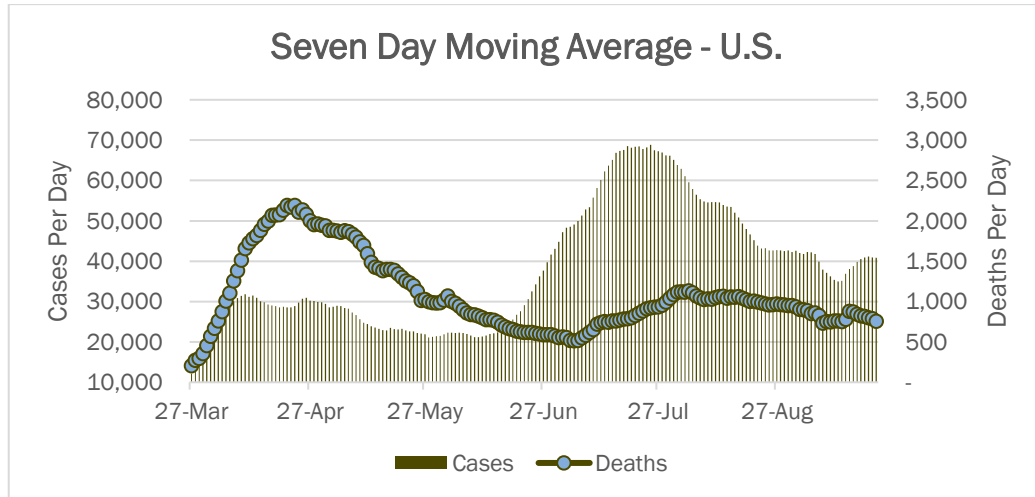
*Today's Analysis: Data from September 22, 2020*

*On Tuesday, both new cases and deaths were down WOW. The new case action occurred in Group Four. You can see the relationship of new cases to the low case/million numbers in that group.*

*The Exhibit 4 chart gives evidence of the Casedemic phenomenon. The case increase since early September is closely correlated with an increase in tests (until the last few days when cases plateaued.) It is highly likely that the case numbers would have fallen if the number of tests had been constant.*

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### Exhibit 1



Country	Status	Cases	Deaths	Death Rate	Pop per case	Pop per death	Daly Max Cases	New Cases Latest Day	Daily Max Deaths	New Deaths Latest Day	Change In New Case Count Latest	Change In New Case Count From Week Before	Change in New Death Count Latest Day	Change in New Death Count From Week Ago
China	Recovery	85,297	4,634	5.4%	16,949	333,333	6,000	6	150	-	(6)	(2)	0	0
S. Korea	Recovery	23,106	388	1.7%	2,217	125,000	851	61	9	3	(9)	(45)	1	-1
Italy	Recovery	300,897	35,738	11.9%	201	1,692	6,557	1,392	919	14	42	163	-3	5
Iran	Rising	429,193	24,656	5.7%	196	3,413	3,186	3,712	235	178	371	1,007	1	38
Germany	Recovery	277,176	9,491	3.4%	302	8,850	6,933	1,625	333	10	(449)	2	-1	1
France	Recovery?	468,069	31,416	6.7%	140	2,079	9,678	10,008	1,809	78	4,710	2,156	25	29
UK	Recovery	403,551	41,825	10.4%	168	1,626	8,681	4,926	980	37	558	1,821	26	10
Norway	Recovery	13,153	267	2.0%	413	20,408	399	148	16	-	40	31	0	0
Netherlands	Recovery?	98,240	6,291	6.4%	175	2,725	1,316	2,245	234	10	28	866	8	8
Sweden	Recovery?	89,436	5,870	6.6%	113	1,724	2,214	-	185	5	-	-	5	1
<b>USA</b>	<b>Falling</b>	<b>7,097,937</b>	<b>205,471</b>	<b>2.9%</b>	<b>47</b>	<b>1,613</b>	<b>61,690</b>	<b>35,696</b>	<b>2,804</b>	<b>969</b>	<b>(676)</b>	<b>(751)</b>	<b>581</b>	<b>-228</b>
Spain	Recovery	682,267	30,904	4.5%	69	1,513	11,291	10,799	961	241	7,842	1,362	185	85
Switzerland	Recovery	50,664	2,054	4.1%	171	4,219	1,321	286	75	4	(809)	(29)	-1	1
Belgium	Recovery?	103,392	9,950	9.6%	112	1,166	2,454	1,097	496	2	(450)	246	-2	0
Denmark	Recovery?	23,799	641	2.7%	244	9,009	453	476	22	1	58	142	-1	1
Austria	Recovery	39,303	771	2.0%	229	11,765	1,321	645	30	4	82	(119)	3	4
Canada	Recovery	146,663	9,234	6.3%	258	4,098	1,920	1,248	222	6	(518)	455	-5	-3
Ireland	Recovery	33,444	1,792	5.4%	-	2,762	1,515	323	220	-	135	(34)	0	-3
Portugal	Recovery	69,663	1,925	2.8%	146	5,291	1,516	463	37	5	(160)	38	-3	1
Australia	Recovery	26,942	854	3.2%	949	30,303	534	30	41	3	16	(17)	1	3
Brazil	Recovery?	4,595,335	138,159	3.0%	46	1,541	70,869	35,252	1,554	809	19,798	497	354	-281
Malaysia	Recovery	10,358	130	1.3%	3,135	250,000	235	82	8	-	25	59	0	0
Mexico	Falling	700,580	73,697	10.5%	184	1,754	8,458	2,917	60	204	(625)	(418)	-31	-24
Singapore	Recovery	57,627	27	0.0%	102	200,000	1,426	21	2	-	(9)	(13)	0	0
North America	Falling	7,945,180	288,402	3.6%	63	1,728	86,966	39,861	2,974	1,179	(1,819)	(714)	545	(255)
Western Europe	Recovery	2,653,054	178,935	6.7%	152	2,248	35,453	34,433	4,450	411	11,627	6,645	241	143
Other	Falling	21,167,898	507,283	2.4%	325	13,549	220,687	198,423	3,155	4,015	32,056	(12,070)	686	(283)
World	Falling	31,766,132	974,620	3.1%	245	8,000	306,439	272,717	7,960	5,605	41,864	(6,139)	1,472	(395)

Source: Worldometer.com, Transport Futures

## Exhibit 2

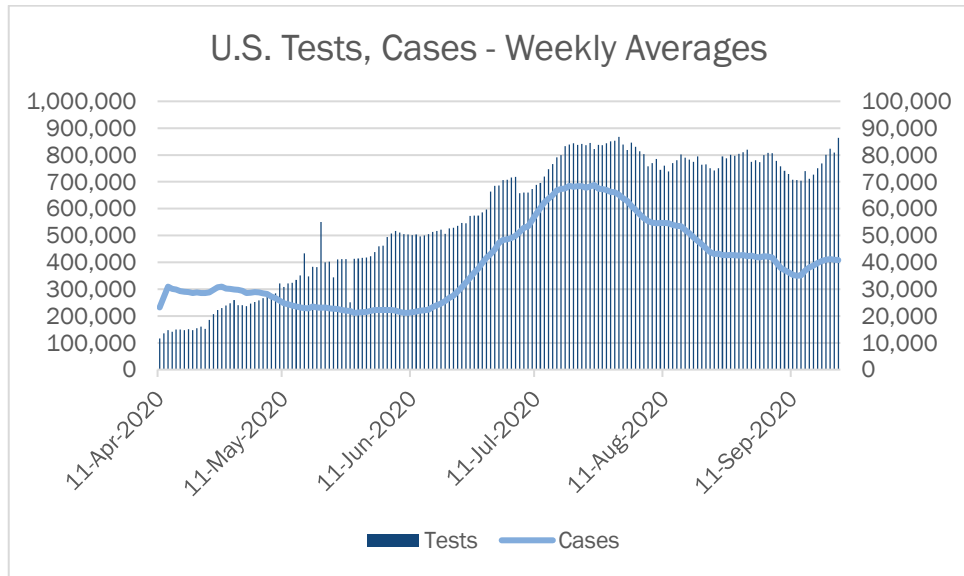
	Hot Spot Group	Total Cases	Max New Cases/Day Since 21 April	New Cases Latest Day	Change in New Cases/Day	Change In Cases/Day Since Week Ago	Change In Cases/Day Since Max	Total Deaths	Max New Deaths/Day Since 21 April	New Deaths Latest Day	Change In New Deaths/Day	Change In Deaths/Day Since Week Ago	Change In Deaths/Day Since Max	Cases/M	Deaths/ Million	Population
USA Total	All	7,097,937	78,009	35,696	(676)	(751)	-54%	205,471	2,804	969	581	(228)	-65%	21,444	621	331,004,361
Hot-Spot Group 1	1	1,371,977	21,922	3,719	(111)	(395)	-83%	82,936	1,830	65	(3)	(7)	-96%	20,477	1,114	67,002,431
Hot-Spot Group 2	2	3,500,515	50,036	14,879	1,665	(1,486)	-70%	68,945	1,063	552	392	(115)	-48%	26,593	520	131,632,800
Hot-Spot Group 3	3	1,294,868	13,846	9,234	(2,047)	27	-33%	34,947	477	213	116	(36)	-55%	19,309	472	67,059,786
Rest of States	4	930,577	11,535	7,864	(183)	1,103	-32%	18,643	272	139	76	(70)	-49%	13,081	241	71,140,342
New York	1	485,218	10,868	782	50	(23)	-93%	33,184	764	3	(5)	(10)	-100%	24,942	1,706	19,453,968
New Jersey	1	204,166	4,160	502	54	33	-88%	16,194	458	4	3	(4)	-99%	22,986	1,823	8,882,395
Massachusetts	1	127,969	4,946	173	(83)	(140)	-97%	9,328	252	11	4	5	-96%	18,566	1,353	6,892,405
Pennsylvania	1	156,512	3,096	781	(25)	(255)	-75%	8,105	294	20	-	15	-93%	12,226	633	12,801,381
Louisiana	1	162,214	3,840	752	509	381	-80%	5,386	126	11	2	(15)	-91%	34,894	1,159	4,648,783
Connecticut	1	56,160	2,109	136	(361)	-	-94%	4,496	125	1	(2)	1	-99%	15,752	1,261	3,565,242
Maryland	1	120,912	1,730	344	(68)	(255)	-80%	3,895	77	12	8	2	-84%	20,000	644	6,045,713
Rhode Island	1	24,044	443	112	(200)	(8)	-75%	1,099	27	2	(7)	(1)	-93%	22,697	1,037	1,059,367
District Of Columbia	1	15,021	335	43	20	(22)	-87%	621	19	-	(1)	-	-100%	21,284	880	705,739
Delaware	1	19,761	458	94	(7)	(106)	-79%	628	69	1	(5)	-	-99%	20,293	645	973,792
California	2	793,600	12,137	2,921	(1,317)	99	-76%	15,195	197	124	71	(29)	-37%	20,085	385	39,511,060
Florida	2	687,909	15,300	2,470	785	(646)	-84%	13,421	276	97	76	(42)	-65%	32,029	625	21,477,832
Texas	2	751,571	12,235	4,269	1,556	(398)	-65%	15,361	322	107	59	(41)	-67%	25,920	530	28,995,746
Georgia	2	308,221	4,813	882	(302)	(614)	-82%	6,677	122	73	71	28	-40%	29,030	629	10,617,138
Tennessee	2	185,148	3,140	739	(156)	(218)	-76%	2,261	42	28	13	(2)	-33%	27,111	331	6,829,015
North Carolina	2	195,549	2,588	1,168	368	62	-55%	3,286	63	39	35	(12)	-38%	18,645	313	10,487,897
Alabama	2	146,584	2,143	804	(14)	103	-62%	2,457	47	18	16	(14)	-62%	29,896	501	4,903,192
Arizona	2	214,846	4,877	595	362	111	-88%	5,498	172	20	18	(2)	-88%	29,517	755	7,278,621
Nevada	2	76,298	1,447	262	30	36	-82%	1,546	38	15	15	(11)	-61%	24,771	502	3,080,195
South Carolina	2	140,789	2,374	769	353	(21)	-68%	3,243	80	31	18	10	-61%	27,344	630	5,148,707

Source: Worldometer.com, Transport Futures

### Exhibit 3

	Hot Spot Group	Total Cases	Max New Cases/Day Since 21 April	New Cases Latest Day	Change in New Cases/Day	Change In Cases/Day Since Week Ago	Change In Cases/Day Since Max	Total Deaths	Max New Deaths/Day Since 21 April	New Deaths Latest Day	Change In New Deaths/Day	Change In Deaths/Day Since Week Ago	Change In Deaths/Day Since Max	Cases/M	Deaths/ Million	Population
Ohio	3	145,982	1,720	657	(144)	(305)	-62%	4,654	138	12	6	(70)	-91%	12,489	398	11,689,615
Washington	3	86,037	1,209	317	(414)	(46)	-74%	2,059	32	4	(14)	(5)	-88%	11,299	270	7,615,063
Mississippi	3	94,021	1,775	465	273	(40)	-74%	2,846	58	36	36	8	-38%	31,591	956	2,976,189
Illinois	3	279,464	5,594	1,531	54	65	-73%	8,722	191	29	22	11	-85%	22,054	688	12,671,873
Michigan	3	130,357	1,426	695	(880)	13	-51%	6,997	232	16	4	5	-93%	13,053	701	9,987,209
Missouri	3	118,990	2,233	2,106	592	269	-6%	2,025	32	49	23	23	53%	19,388	330	6,137,553
Wisconsin	3	104,170	1,672	1,672	401	324	0%	1,251	20	7	5	(3)	-65%	17,891	215	5,822,701
Utah	3	65,044	1,077	650	28	88	-40%	443	10	2	1	2	-80%	20,288	138	3,205,934
Arkansas	3	76,981	1,107	617	(24)	(113)	-44%	1,209	21	12	(4)	(6)	-43%	25,509	401	3,017,747
Other	3	193,822	4,588	524	(1,933)	(228)	-89%	4,741	186	46	37	(1)	-75%	21,444	621	8,241,190
Indiana	4	112,626	1,660	599	77	(90)	-64%	3,520	119	8	2	(13)	-93%	16,729	523	6,732,546
Colorado	4	66,053	994	654	112	254	-34%	2,025	122	7	3	1	-94%	11,470	352	5,758,981
Virginia	4	142,010	2,015	872	245	(71)	-57%	3,060	45	39	33	(57)	-13%	16,638	359	8,535,562
Iowa	4	81,320	2,574	541	(50)	95	-79%	1,286	21	11	1	1	-48%	25,774	408	3,155,131
Kentucky	4	62,731	1,152	814	439	96	-29%	1,119	17	7	6	(2)	-59%	14,041	250	4,467,477
Oklahoma	4	79,072	1,714	1,164	63	73	-32%	962	21	14	12	7	-33%	19,983	243	3,956,946
Minnesota	4	91,422	1,085	480	(445)	78	-56%	2,031	39	10	6	5	-74%	16,211	360	5,639,743
Kansas	4	54,982	1,410	145	(1,265)	(135)	-90%	614	26	13	9	(9)	-50%	18,873	211	2,913,351
New Mexico	4	27,790	460	107	3	26	-77%	854	12	3	1	(4)	-75%	13,253	407	2,096,906
Oregon	4	31,313	429	318	124	140	-26%	532	14	3	-	(5)	-79%	7,424	126	4,218,066
Idaho	4	38,347	727	446	36	168	-39%	451	14	4	-	-	-71%	21,458	252	1,787,063
South Dakota	4	19,189	623	320	147	127	-49%	202	8	-	-	-	-100%	21,691	228	884,627
Nebraska	4	41,785	641	397	92	69	-38%	461	21	9	(1)	8	-57%	21,601	238	1,934,391
New Hampshire	4	7,990	164	38	33	4	-77%	438	19	-	-	(2)	-100%	5,876	322	1,359,843
West Virginia	4	14,384	262	213	96	57	-19%	317	11	5	3	-	-55%	8,026	177	1,792,229
Maine	4	5,146	76	40	13	25	-47%	140	5	-	(1)	(1)	-100%	3,828	104	1,344,330
Vermont	4	1,721	17	2	(2)	(4)	-88%	58	3	-	-	-	-100%	2,758	93	624,007
North Dakota	4	18,508	507	264	(22)	31	-48%	196	8	3	2	1	-63%	24,287	257	762,045
Hawaii	4	11,522	354	63	7	(2)	-82%	120	7	-	-	(1)	-100%	8,138	85	1,415,828
Wyoming	4	5,016	128	72	(1)	26	-44%	49	4	-	-	-	-100%	8,667	85	578,769
Montana	4	10,700	292	271	141	134	-7%	163	10	3	-	1	-70%	10,011	153	1,068,733
Alaska	4	6,950	124	44	(26)	2	-65%	45	2	-	-	-	-100%	9,500	62	731,588

**Exhibit 4**



Source: [Worldometer.com](http://Worldometer.com), *Transport Futures*

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