

COVID-19 Statistical Review

Today's Analysis: Data from January 19, 2020

On Monday, both the case and death numbers fell sharply WOW.

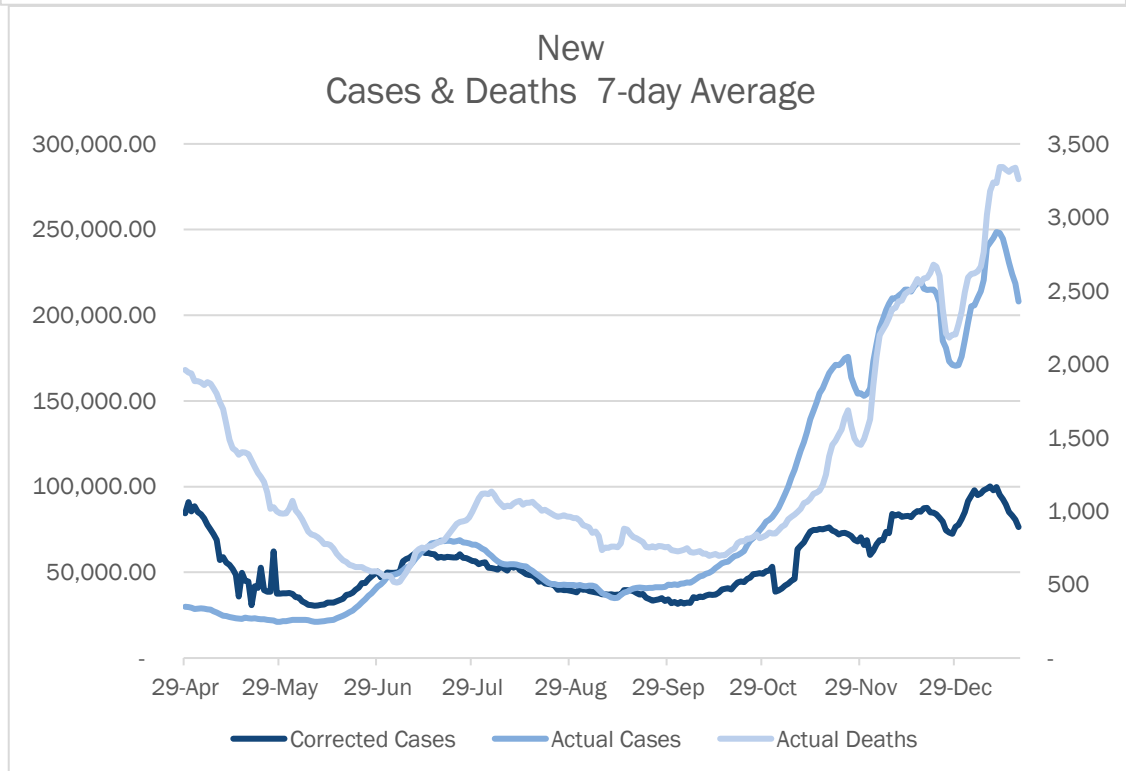
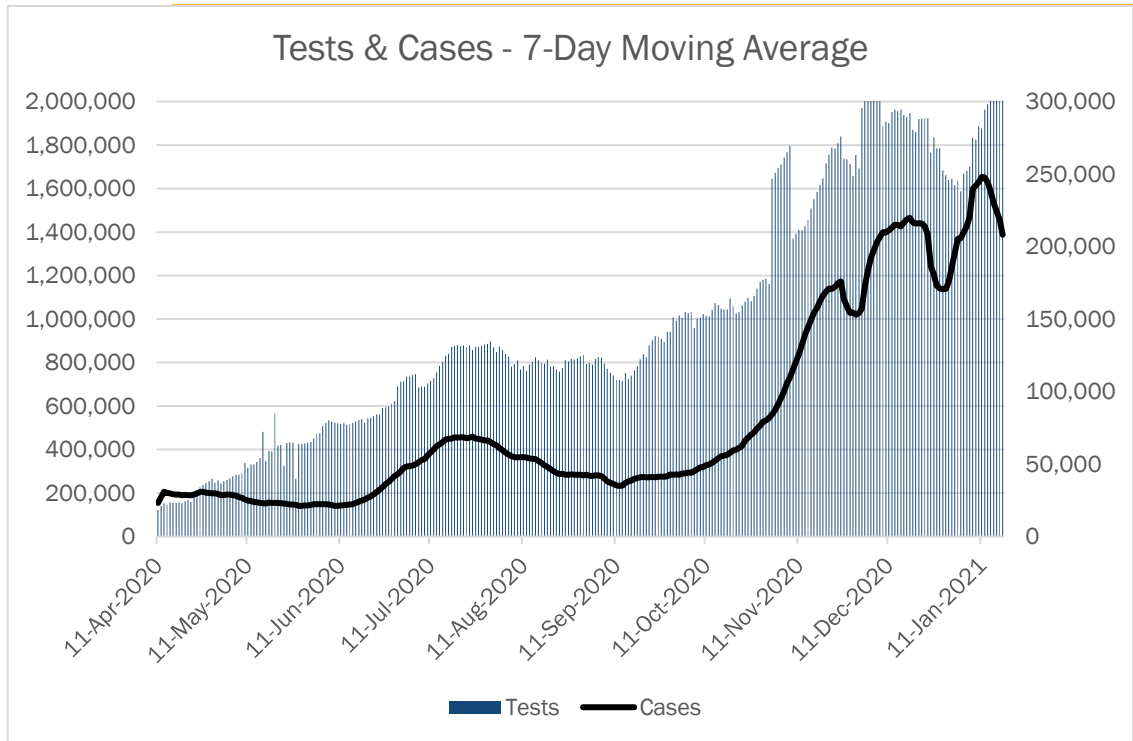
- *This we know: The continued exponential growth the CDC has warned us of - NOT happening. More about that below.*
- *The case numbers are falling steadily. Every time that has happened in the past, the death numbers also fell after about ten days. Expect similar sharp drops in deaths as hinted at by the reports from yesterday.*

As you think about these numbers, consider how the press has handled this issue. The Worldometer website reports 96 million cases worldwide and 2 million deaths. Bad stuff, huh? Do those numbers justify the lockdowns and hysterical press reports?. Time Magazine this week said that only the vaccines would prevent the virus from taking control. Control of what, the world? Such a catastrophe would only happen if the case increases were to accelerate indefinitely well beyond current levels. Again, cases are decreasing.

Let's put those big Worldometer summary numbers in perspective. They seem big until we remember that the globe's population is waaaaay bigger. There are 7.8 trillion people on this planet. Any health issue that circles our planet generates large numbers. So far, 1.2% of the world's people have tested positive, with 2.4% of them getting really sick. 2 million have died, or 2 out of 10,000 people. Of course, each of those deaths is a sad thing. Same for the 56 million other people who die each year from the other health risks we are used to. Yes, this pandemic deserves our best efforts at treating the sick and distributing the vaccines. Does it justify grievous wounds to the economy and the happiness of millions, not to mention the running up of record deficits? We do not react strongly to normal mortality. Why the panic when that mortality increases by one to two percent?

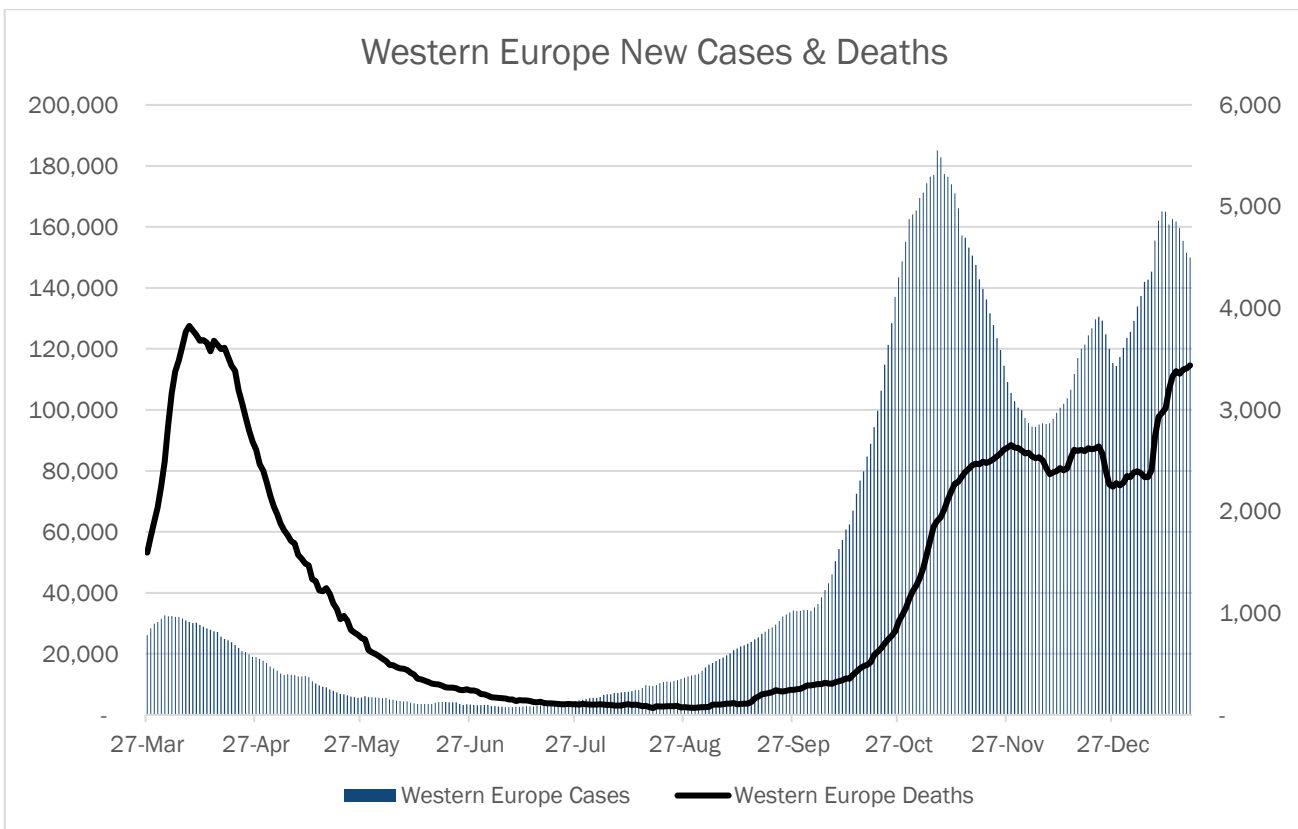
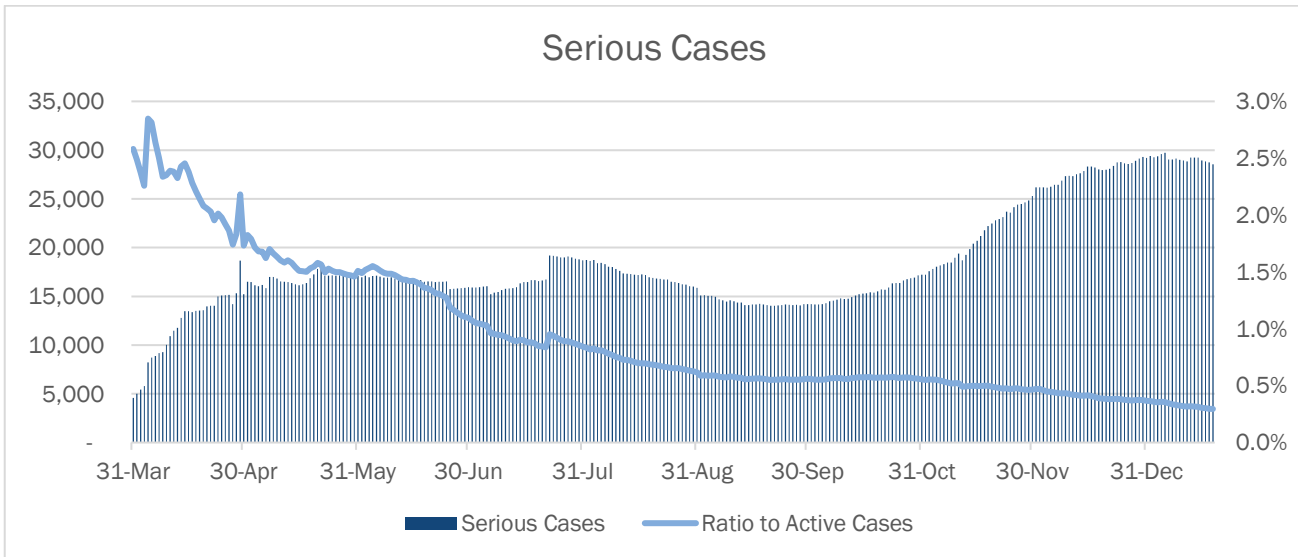
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Exhibit 1



Source: Worldometer.com, Transport Futures

Exhibit 2.



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

Exhibit 3.

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 Day	Change In New Case Count Week Before	Change in New Death Count Latest Day	Change in New Death Count From Week Ago
China	Recovery	88,336	4,635	5.2%	16,393	333,333	127	109	9	-	-	6	0	0
S. Korea	Recovery	72,729	1,264	1.7%	705	40,000	1,132	389	24	15	(131)	(61)	2	0
Italy	Falling	2,390,101	82,554	3.5%	25	732	40,902	8,824	993	377	(3,721)	(3,708)	0	-71
Iran	Falling	1,336,217	56,886	4.3%	63	1,486	14,051	5,806	486	83	(210)	(402)	-3	-8
Germany	Falling	2,059,314	48,105	2.3%	41	1,745	31,553	8,930	1,201	665	(2,497)	(2,835)	346	2
France	Inflection	2,914,725	70,686	2.4%	22	924	86,852	3,736	1,495	403	(12,906)	154	262	93
UK	Falling	3,433,494	89,860	2.6%	20	758	58,724	37,535	1,564	599	(1,063)	(8,634)	-72	70
Norway	Falling	59,034	521	0.9%	92	10,417	825	383	27	4	177	(46)	4	-2
Netherlands	Falling	917,308	13,056	1.4%	19	1,314	13,032	4,754	234	50	(844)	(662)	9	0
Sweden	Falling	523,486	10,323	2.0%	19	981	22,319	-	185	-	-	-	0	0
USA	Falling	24,626,376	408,620	1.7%	13	812	274,190	142,022	4,259	1,422	(32,538)	(72,482)	-424	-530
Spain	Rising	2,336,451	53,769	2.3%	20	870	40,197	33,800	235	151	33,800	9,169	151	18
Switzerland	Falling	499,931	8,792	1.8%	17	988	21,926	4,703	169	110	4,703	(1,820)	103	13
Belgium	Falling	678,839	20,435	3.0%	17	569	23,921	1,630	496	39	(490)	61	-5	-1
Denmark	Falling	189,895	1,805	1.0%	31	3,215	4,508	807	42	30	(82)	(432)	2	3
Austria	Falling	394,939	7,122	1.8%	23	1,269	9,586	1,161	218	40	(106)	(375)	11	16
Canada	Falling	715,072	18,120	2.5%	53	2,092	10,404	6,453	257	106	17	(1,439)	-43	-30
Ireland	Falling	174,843	2,616	1.5%	-	1,898	7,832	2,117	220	8	(829)	(2,809)	-5	0
Portugal	Falling	556,503	9,028	1.6%	18	1,127	10,947	6,702	167	167	(3,683)	1,098	15	45
Australia	Recovery	28,721	909	3.2%	894	28,571	721	13	59	-	(6)	(6)	0	0
Brazil	Rising	8,512,238	210,328	2.5%	25	1,014	87,134	24,139	1,554	460	(7,255)	(3,904)	-58	-17
Malaysia	Recovery	161,740	605	0.4%	202	52,632	4,029	3,306	15	4	(33)	1,074	-3	0
Mexico	Rising	1,641,428	140,704	8.6%	79	922	21,366	11,170	1,235	463	(9,353)	1,167	-756	-39
Singapore	Recovery	59,127	29	0.0%	99	200,000	1,426	14	2	-	(16)	(8)	0	0
North America	Falling	26,982,876	567,444	2.1%	19	881	295,869	159,645	5,509	1,991	(41,874)	(72,754)	(1,223)	(599)
Western Europe	Falling	17,128,863	418,672	2.4%	24	962	213,359	115,082	4,459	2,643	12,459	(10,839)	821	186
Other	Falling	51,882,245	1,062,509	2.0%	132	6,467	348,983	198,382	7,225	4,527	(29,711)	(21,540)	412	374
World	Falling	95,993,984	2,048,625	2.1%	81	3,805	820,357	473,109	13,446	9,161	(59,126)	(105,133)	10	(39)

Source: Worldometer.com, Transport Futures

Exhibit 4.

	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	24,626,376	301,655	142,022	(32,538)	(72,482)	-53%	408,620	4,134	1,422	(424)	(542)	-66%	74,399	1,234	331,004,361
Hot-Spot Group 1	1	4,306,314	56,429	33,575	(2,919)	(10,778)	-41%	120,207	1,830	493	(77)	(60)	-73%	62,520	1,658	67,002,431
Hot-Spot Group 2	2	10,687,870	150,050	66,392	(23,010)	(37,186)	-56%	147,234	2,099	496	(320)	(330)	-76%	79,008	1,124	131,632,800
Hot-Spot Group 3	3	5,252,893	63,150	17,273	(2,743)	(19,954)	-73%	83,863	1,014	249	44	(98)	-75%	77,091	1,131	67,059,786
Hot-Spot Group 4	4	4,379,299	52,356	24,782	(3,866)	(4,564)	-53%	57,316	915	184	(71)	(54)	-80%	60,321	905	71,140,342
New York	1	1,287,593	20,177	12,397	(1,131)	(2,805)	-39%	41,164	764	160	(44)	(56)	-79%	66,188	2,116	19,453,968
New Jersey	1	631,074	9,309	3,853	(1,279)	(1,481)	-59%	20,493	458	16	(8)	16	-97%	71,049	2,307	8,882,395
Massachusetts	1	473,441	9,003	3,301	(1,113)	(950)	-63%	13,705	252	53	(16)	(2)	-79%	68,689	1,988	6,892,405
Pennsylvania	1	776,530	13,318	3,783	(1,860)	(2,678)	-72%	19,448	373	102	(19)	12	-73%	60,657	1,519	12,801,381
Louisiana	1	369,951	6,876	971	(3,156)	(434)	-86%	8,253	126	50	(73)	5	-60%	79,580	1,775	4,648,783
Connecticut	1	230,125	8,457	6,703	6,703	(661)	-21%	6,670	125	76	76	(16)	-39%	64,546	1,871	3,565,242
Maryland	1	328,214	3,792	1,769	(645)	(1,243)	-53%	6,596	77	29	3	-	-62%	54,289	1,091	6,045,713
Rhode Island	1	104,443	1,717	-	-	(568)	-100%	2,005	27	-	-	(8)	-100%	98,591	1,893	1,059,367
District Of Columbia	1	34,033	492	182	(132)	(20)	-63%	857	19	7	4	3	-63%	48,223	1,214	705,739
Delaware	1	70,910	1,220	616	(306)	62	-50%	1,016	69	-	-	(14)	-100%	72,821	1,043	973,792
California	2	3,024,082	61,569	29,563	(2,670)	(7,811)	-52%	33,739	694	146	(55)	(239)	-79%	76,535	854	39,511,060
Florida	2	1,579,281	19,816	8,002	(3,091)	(3,574)	-60%	24,274	276	136	4	(19)	-51%	73,531	1,130	21,477,832
Texas	2	2,143,599	31,646	10,109	(2,207)	(11,697)	-68%	32,930	466	94	(115)	(17)	-80%	73,928	1,136	28,995,746
Georgia	2	820,952	13,296	4,957	(1,375)	(2,497)	-63%	12,360	172	64	59	47	-63%	77,321	1,164	10,617,138
Tennessee	2	687,751	11,410	2,430	(2,044)	(1,097)	-79%	8,430	177	39	3	(41)	-78%	100,708	1,234	6,829,015
North Carolina	2	674,637	11,581	-	(6,811)	(5,936)	-100%	8,083	166	-	(67)	(11)	-100%	64,324	771	10,487,897
Alabama	2	424,028	5,498	1,430	(487)	(670)	-74%	6,121	226	1	-	(12)	-100%	86,480	1,248	4,903,192
Arizona	2	679,282	11,806	5,400	(1,581)	(3,595)	-54%	11,265	297	-	(18)	(6)	-100%	93,324	1,548	7,278,621
Nevada	2	262,794	3,772	1,221	(262)	(460)	-68%	3,784	63	5	(13)	(28)	-92%	85,318	1,229	3,080,195
South Carolina	2	391,464	6,455	3,280	(2,482)	151	-49%	6,248	89	11	(118)	(4)	-88%	76,031	1,214	5,148,707

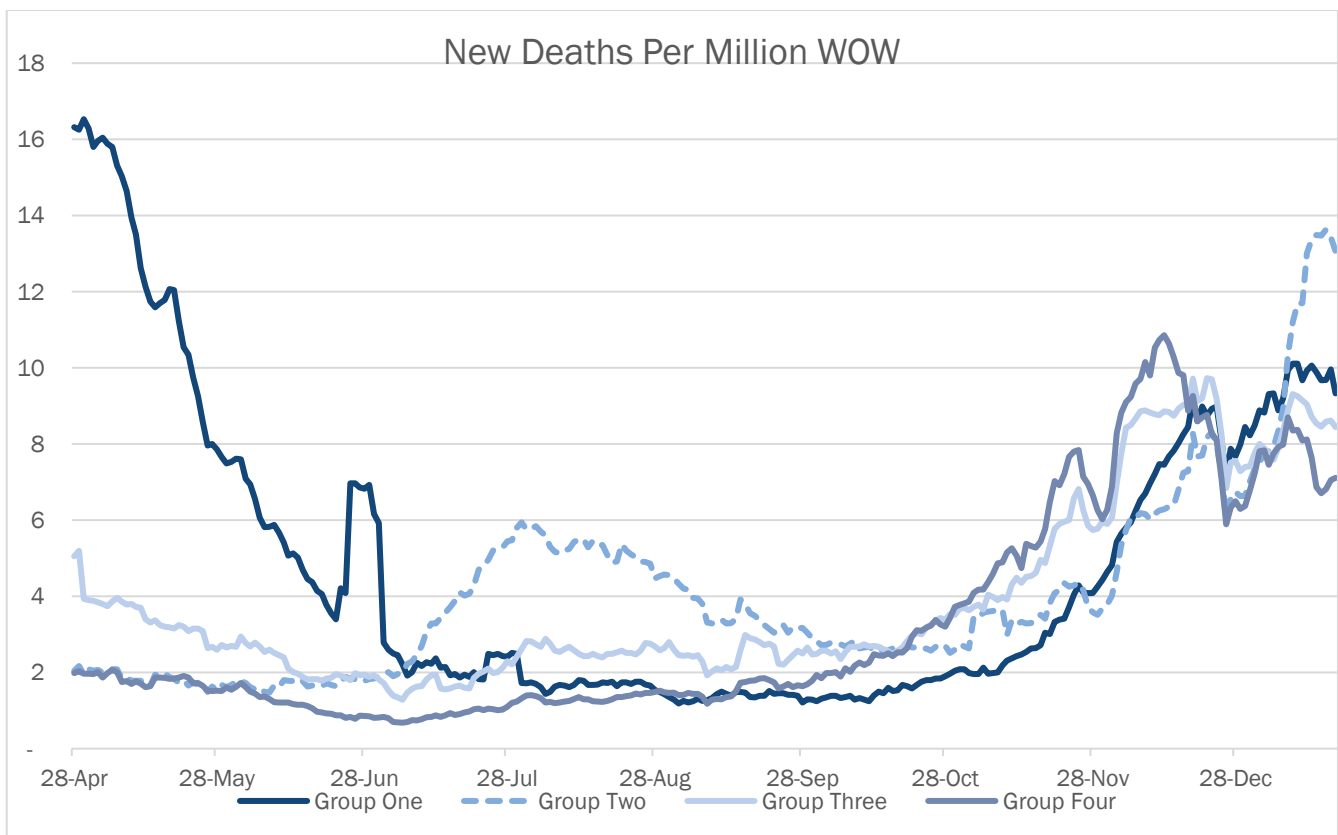
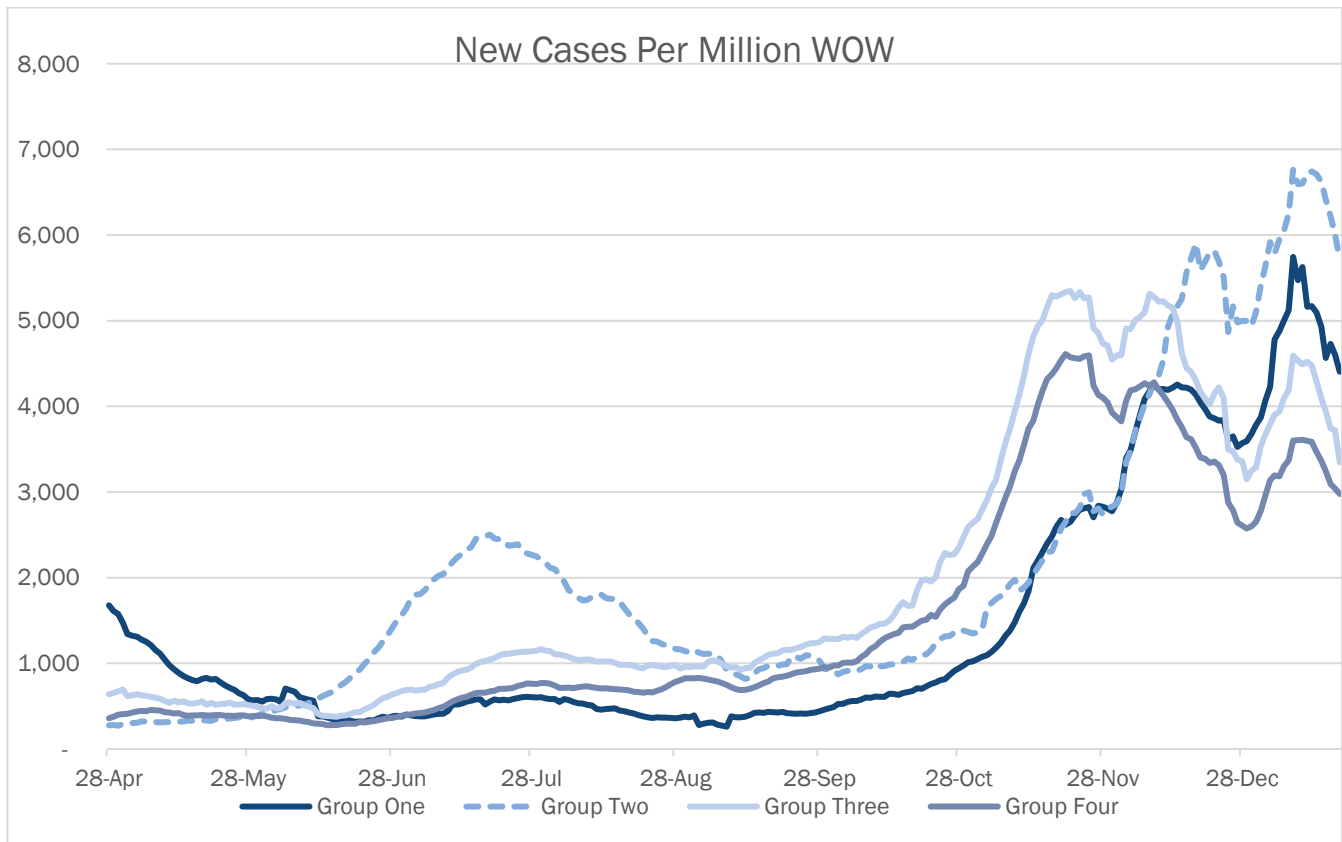
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Exhibit 4.

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Ohio	3	831,066	14,293	4,311	(937)	(3,581)	-70%	10,283	156	80	15	5	-49%	71,098	880	11,689,615
Washington	3	292,618	6,615	464	(1,822)	(4,253)	-93%	4,004	92	3	3	(15)	-97%	38,427	526	7,615,063
Mississippi	3	253,932	3,255	1,457	(149)	230	-55%	5,524	98	3	(37)	(16)	-97%	85,322	1,856	2,976,189
Illinois	3	1,072,214	15,415	3,385	(777)	(1,391)	-78%	20,118	266	68	38	(2)	-74%	84,614	1,588	12,671,873
Michigan	3	585,128	10,140	1,672	(1,672)	(1,189)	-84%	14,686	275	17	17	(30)	-94%	58,590	1,471	9,987,209
Missouri	3	473,637	6,539	1,507	(1,507)	(925)	-77%	6,828	174	7	7	(24)	-96%	77,172	1,113	6,137,553
Wisconsin	3	522,877	7,989	1,083	(523)	(373)	-86%	5,470	128	19	18	14	-84%	89,804	939	5,822,701
Utah	3	324,919	4,597	1,082	(503)	(402)	-76%	1,500	30	7	(1)	3	-77%	101,348	468	3,205,934
Arkansas	3	272,263	4,304	1,109	133	(159)	-74%	4,343	147	32	14	(6)	-78%	90,219	1,439	3,017,747
Other	3	624,239	11,687	1,203	(1,344)	(7,911)	-90%	11,107	186	13	(30)	(27)	-93%	74,399	1,234	2,764,129
Indiana	4	592,709	8,460	2,498	(664)	(1,187)	-70%	9,340	165	30	7	(1)	-82%	88,041	1,387	6,732,546
Colorado	4	376,171	6,439	1,190	(308)	(487)	-82%	5,386	267	7	(9)	2	-97%	65,322	935	5,758,981
Virginia	4	446,550	7,245	7,245	(2,669)	2,715	0%	5,739	96	10	(13)	-	-90%	52,317	672	8,535,562
Iowa	4	305,626	5,451	716	77	(100)	-87%	4,324	196	1	(1)	-	-99%	96,868	1,370	3,155,131
Kentucky	4	328,668	5,705	1,993	(357)	(89)	-65%	3,167	54	40	6	19	-26%	73,566	709	4,467,477
Oklahoma	4	356,816	5,232	1,837	(1,477)	(2,048)	-65%	2,994	62	7	(28)	(7)	-89%	90,174	757	3,956,946
Minnesota	4	447,349	8,946	969	(364)	(11)	-89%	6,007	101	12	(28)	8	-88%	79,322	1,065	5,639,743
Kansas	4	261,991	7,002	3,403	3,403	(1,485)	-51%	3,539	193	20	20	(68)	-90%	89,929	1,215	2,913,351
New Mexico	4	164,263	3,665	626	(118)	(304)	-83%	2,958	48	26	4	11	-46%	78,339	1,411	2,096,906
Oregon	4	133,851	1,806	646	(147)	(278)	-64%	1,803	54	3	2	(5)	-94%	31,735	427	4,218,066
Idaho	4	155,554	2,298	-	(278)	(572)	-100%	1,607	35	-	(2)	(10)	-100%	87,044	899	1,787,063
South Dakota	4	105,659	2,020	115	(151)	(66)	-94%	1,667	54	11	(12)	11	-80%	119,435	1,884	884,627
Nebraska	4	182,176	3,440	198	(870)	(446)	-94%	1,842	108	5	5	(7)	-95%	94,177	952	1,934,391
New Hampshire	4	57,864	1,266	1,000	81	293	-21%	933	24	-	(6)	-	-100%	42,556	686	1,359,843
West Virginia	4	109,809	2,486	988	291	(82)	-60%	1,784	46	8	(7)	(4)	-83%	61,272	995	1,792,229
Maine	4	33,876	2,456	317	(23)	4	-87%	514	41	3	(1)	(3)	-93%	25,201	382	1,344,330
Vermont	4	10,220	245	163	21	52	-33%	163	6	-	-	-	-100%	16,378	261	624,007
North Dakota	4	95,934	2,270	70	(80)	(44)	-97%	1,384	37	-	(3)	-	-100%	125,887	1,816	762,045
Hawaii	4	24,482	354	129	(1)	(43)	-64%	322	14	-	(2)	-	-100%	17,291	227	1,415,828
Wyoming	4	49,708	1,260	345	50	(218)	-73%	522	33	-	-	-	-100%	85,887	902	578,769
Montana	4	89,576	1,642	183	(154)	(146)	-89%	1,093	37	1	(3)	-	-97%	83,812	1,023	1,068,733
Alaska	4	50,447	1,453	151	(128)	(22)	-90%	228	18	-	-	-	-100%	68,960	312	731,588

Source: Worldometer.com, Transport Futures

Exhibit 5



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