

COVID-19 CASES

AS OF TUESDAY 3/31/2020, 6:00PM HST

Statistics regarding daily new cases and active cases the nine countries that has the highest number of total cases, and South Korea

Source: <https://www.worldometers.info/coronavirus/>

Statistics regarding daily new cases are also included for Cyprus and Hawaii.

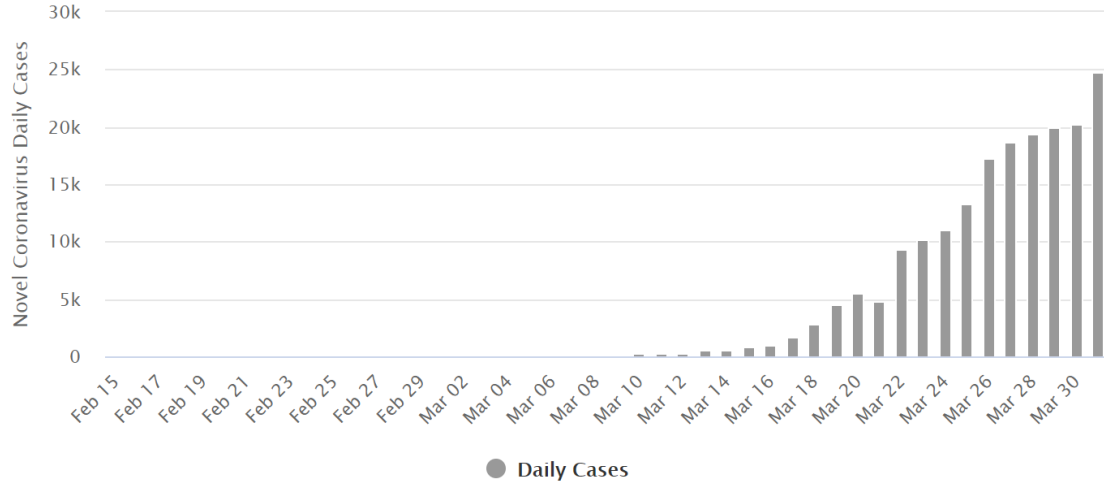
Source: <https://www.financialmirror.com/category/cyprus/>

Source: <https://health.hawaii.gov/news/covid-19-updates/>

Daily New Cases in the United States

Daily New Cases

Cases per Day
Data as of 0:00 GMT+0

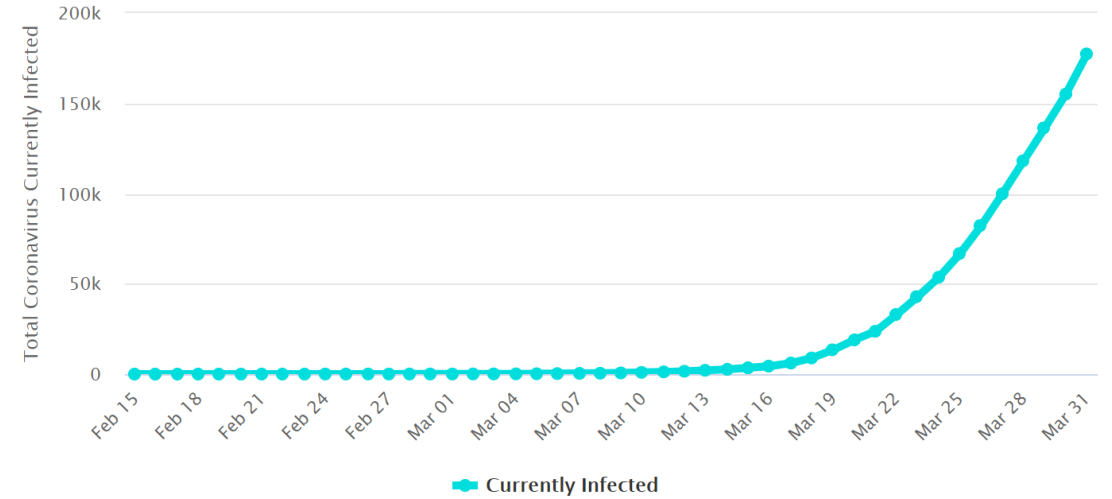


I. USA

Active Cases in the United States

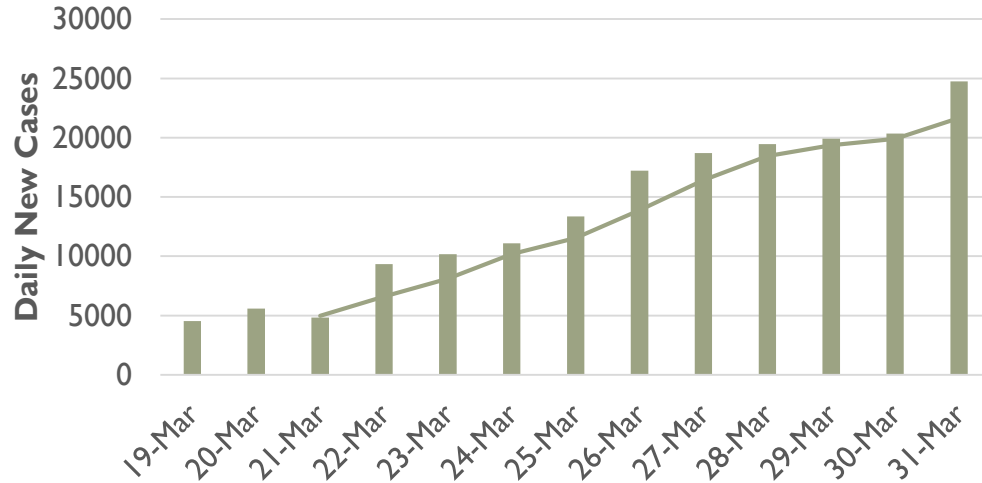
Active Cases

(Number of Infected People)



3-Day Moving Average Trendline

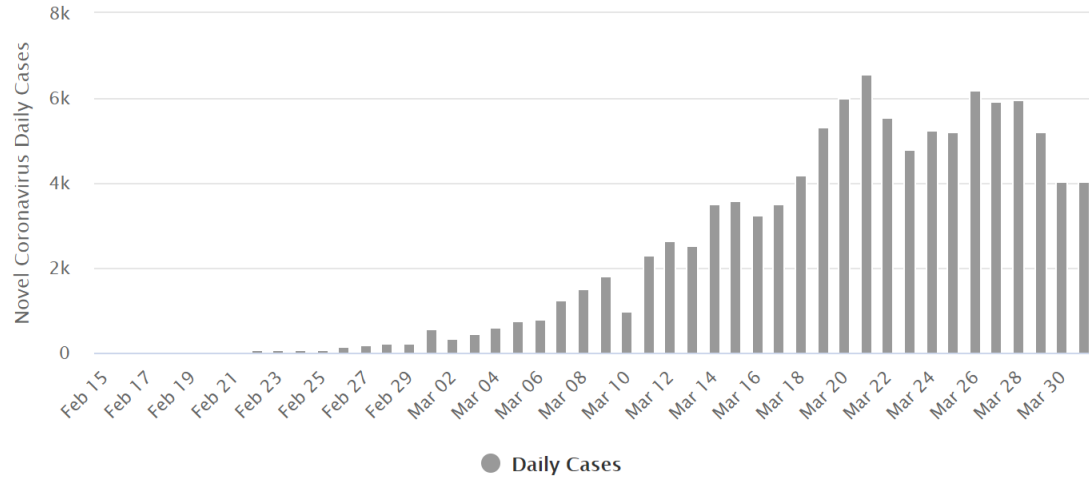
USA 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Italy

Daily New Cases

Cases per Day
Data as of 0:00 GMT+0

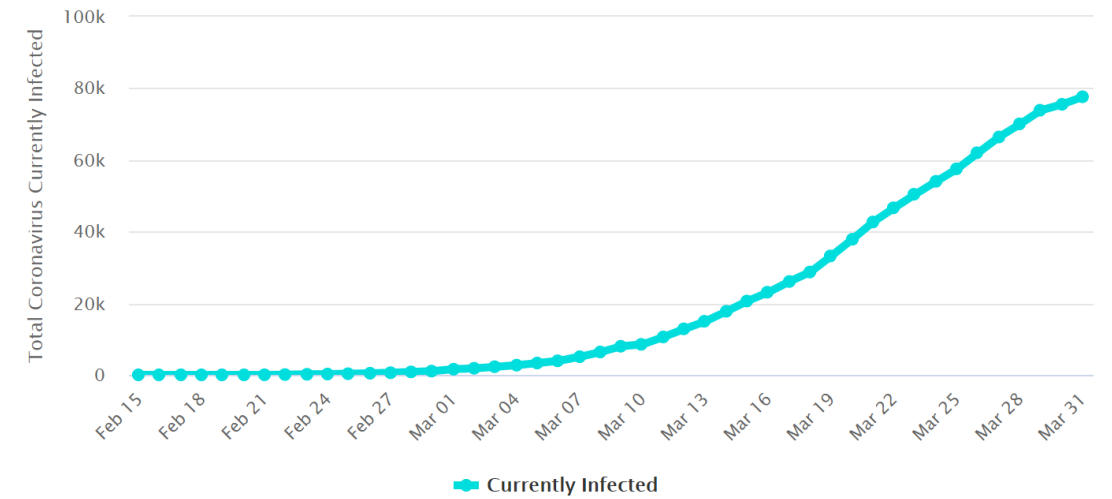


2. Italy

Active Cases in Italy

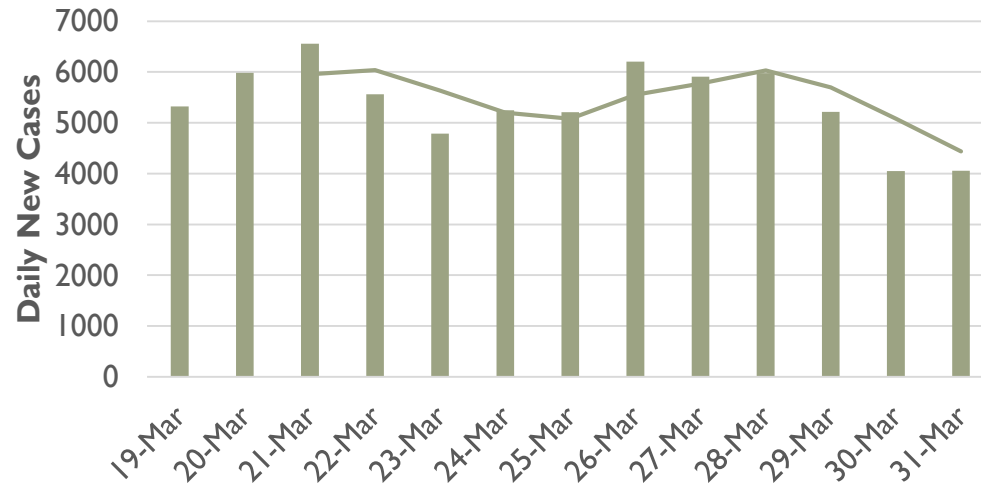
Active Cases

(Number of Infected People)



3-Day Moving Average Trendline

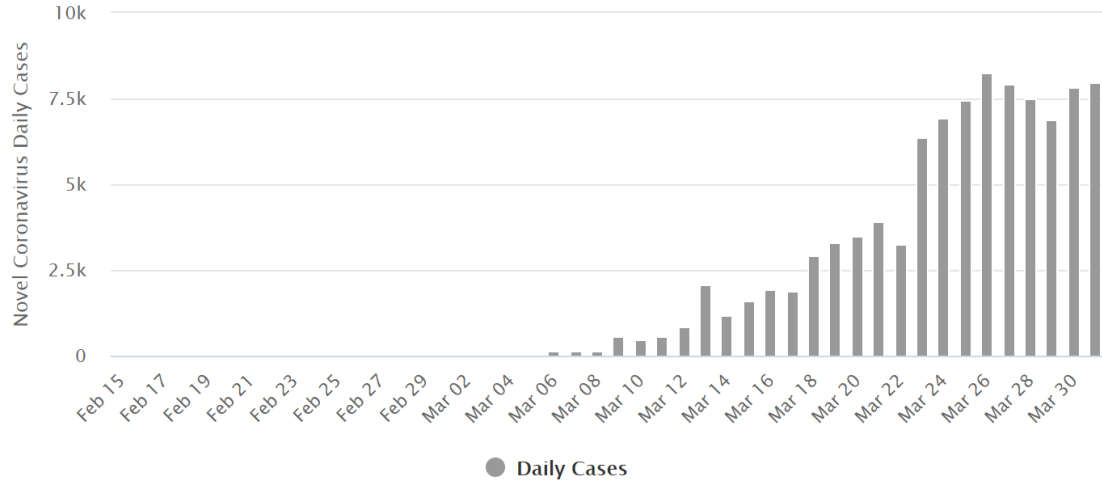
Italy 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Spain

Daily New Cases

Cases per Day
Data as of 0:00 GMT+0

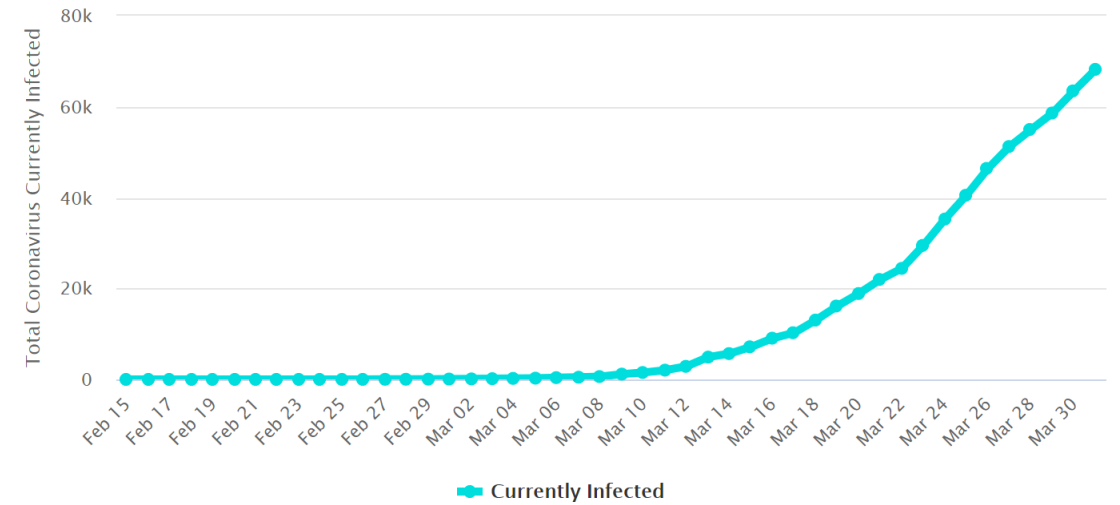


3. Spain

Active Cases in Spain

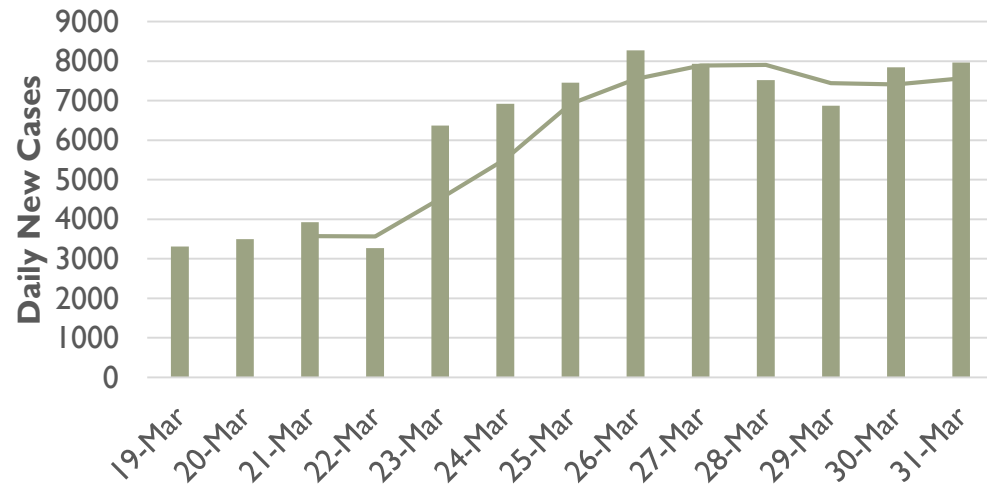
Active Cases

(Number of Infected People)

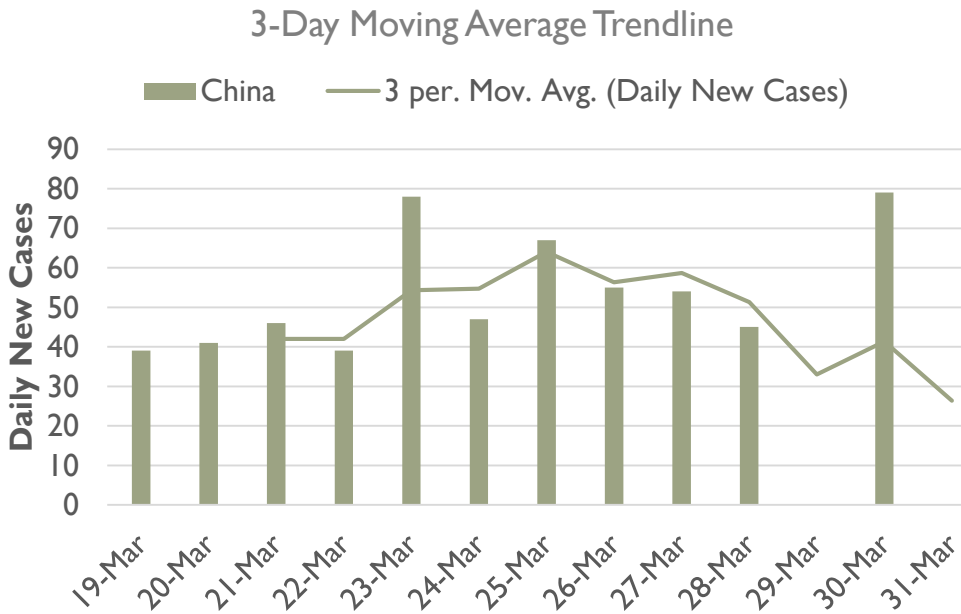
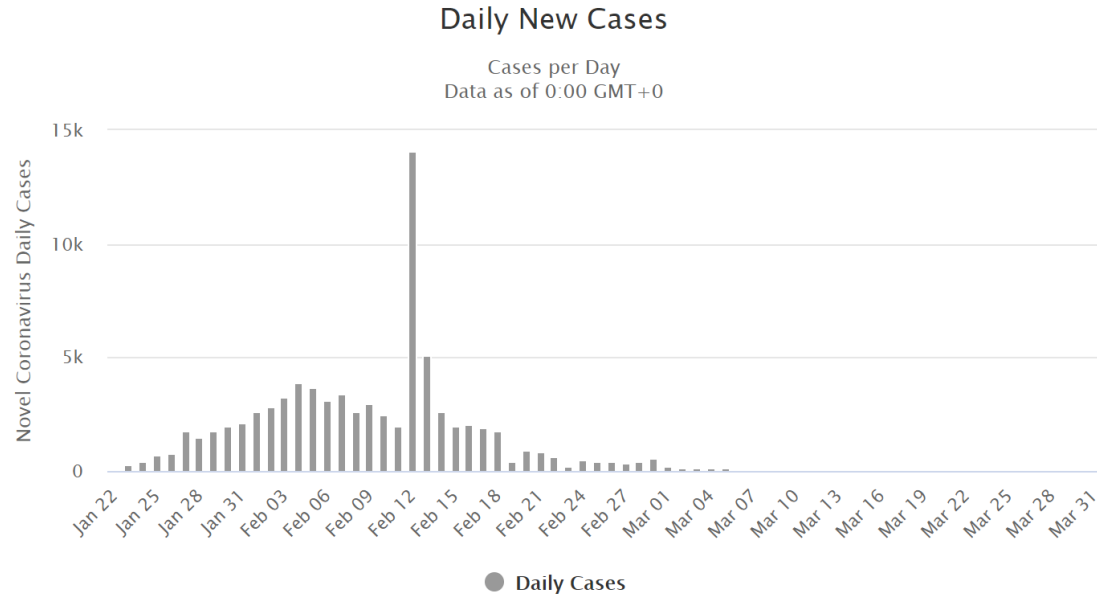


3-Day Moving Average Trendline

Spain 3 per. Mov. Avg. (Daily New Cases)

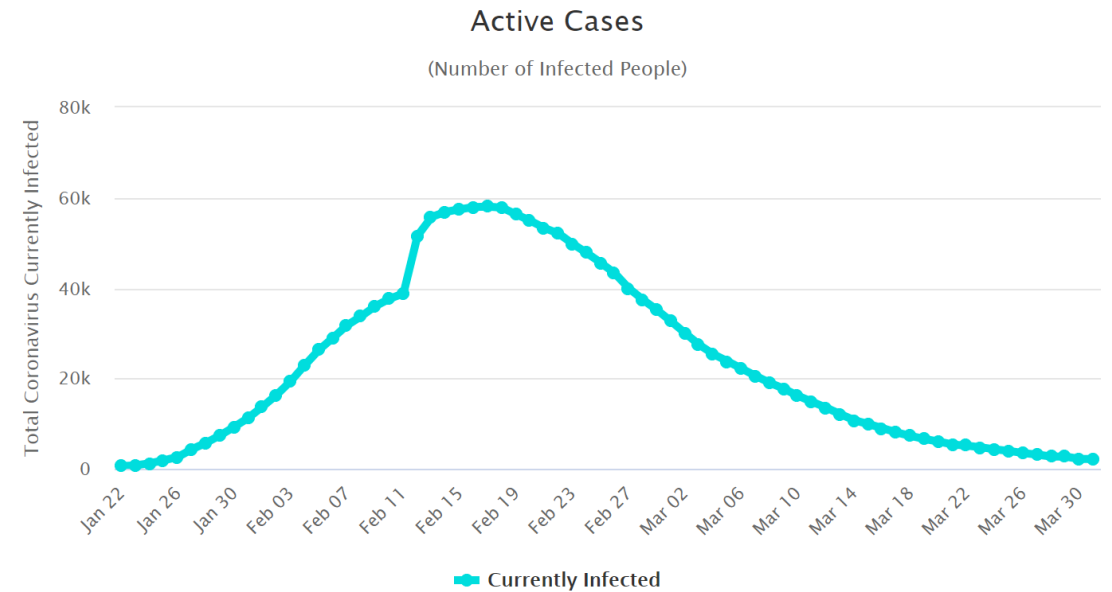


Daily New Cases in China



4. China

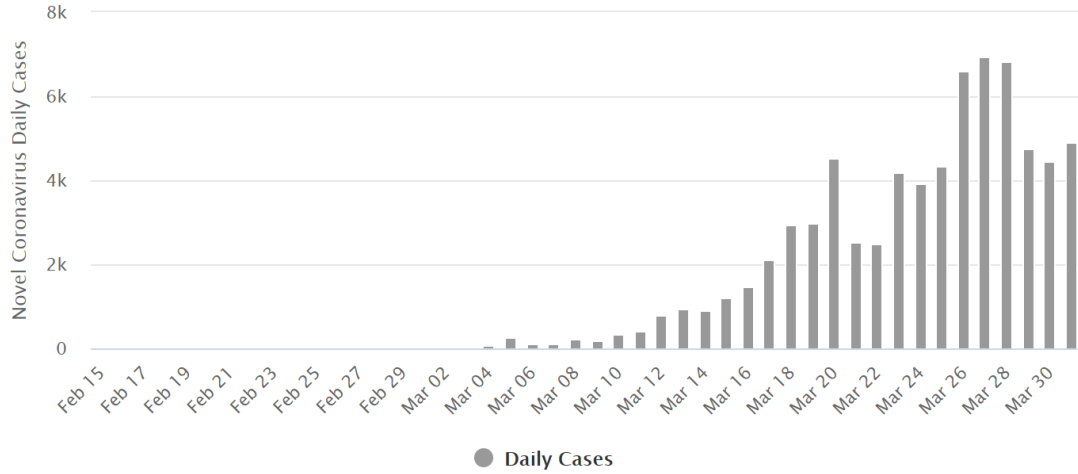
Active Cases in China



Daily New Cases in Germany

Daily New Cases

Cases per Day
Data as of 0:00 GMT+0

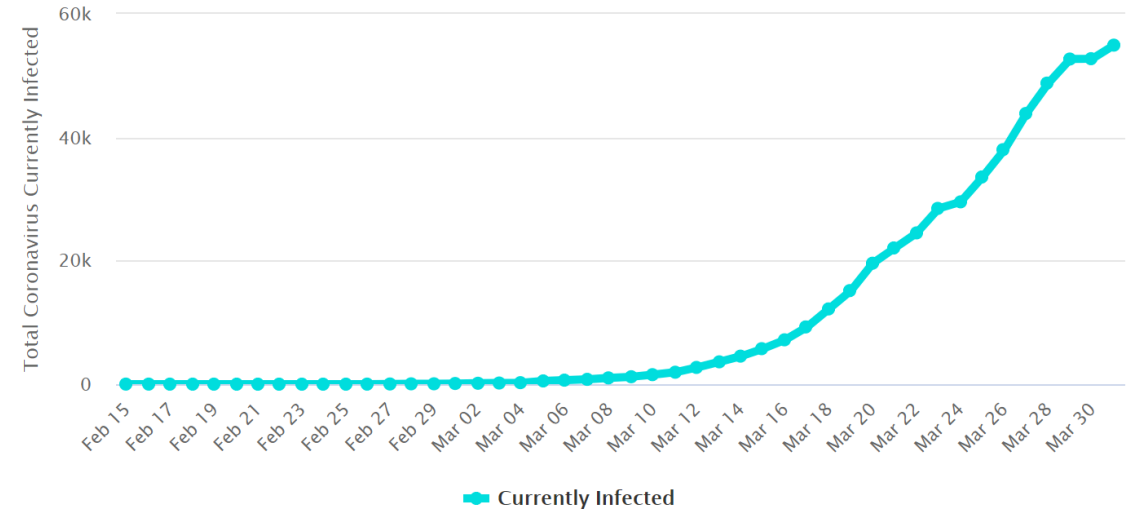


5. Germany

Active Cases in Germany

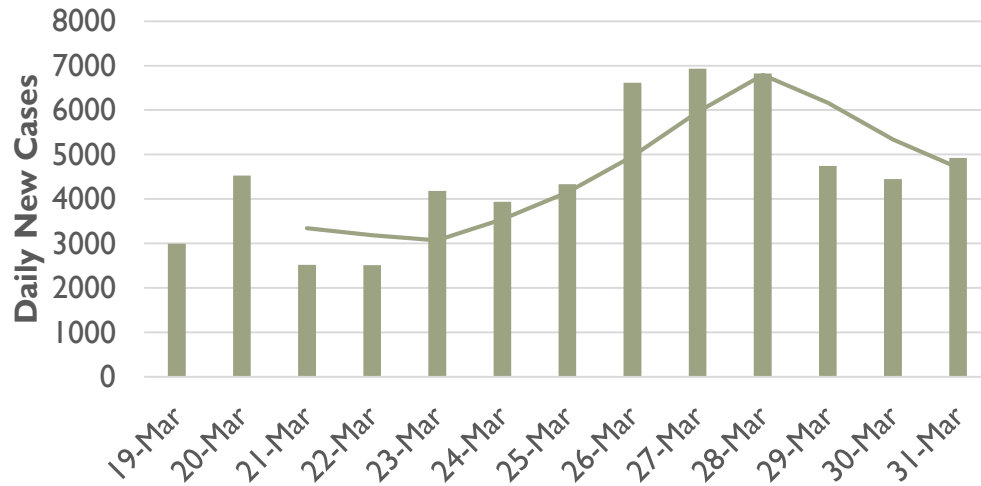
Active Cases

(Number of Infected People)



3-Day Moving Average Trendline

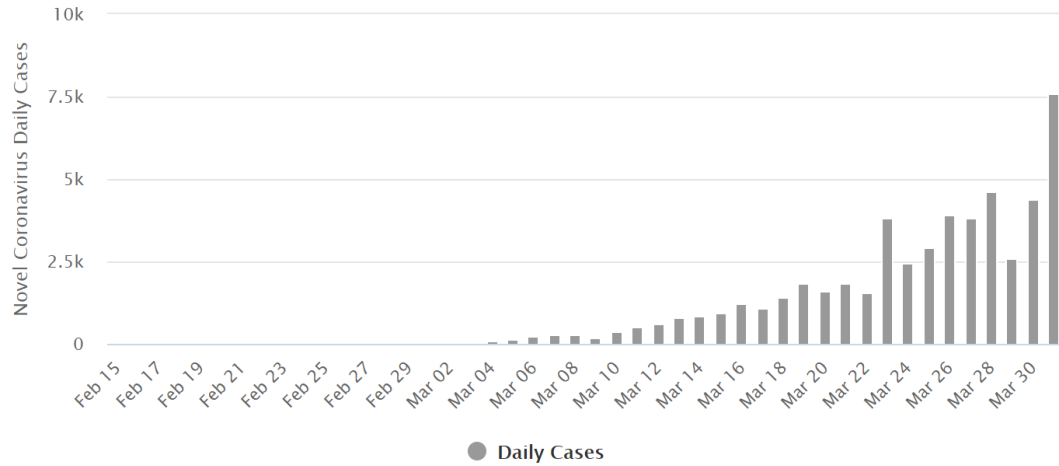
Germany 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in France

Daily New Cases

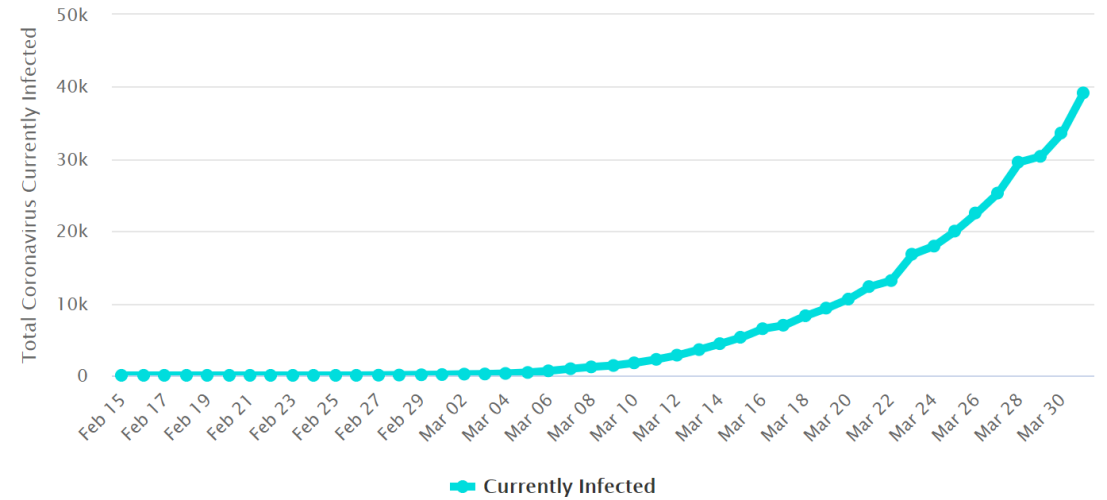
Cases per Day
Data as of 0:00 GMT+0



6. France

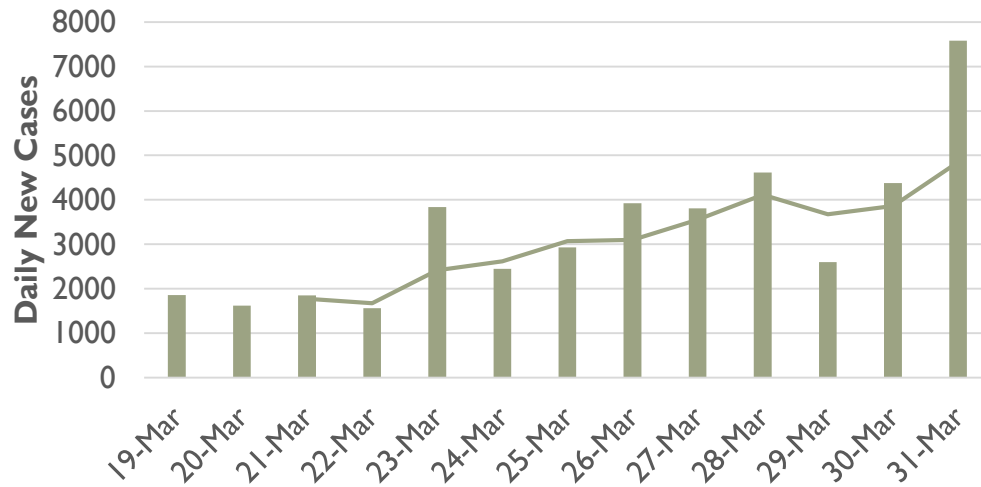
Active Cases in France

Active Cases
(Number of Infected People)



3-Day Moving Average Trendline

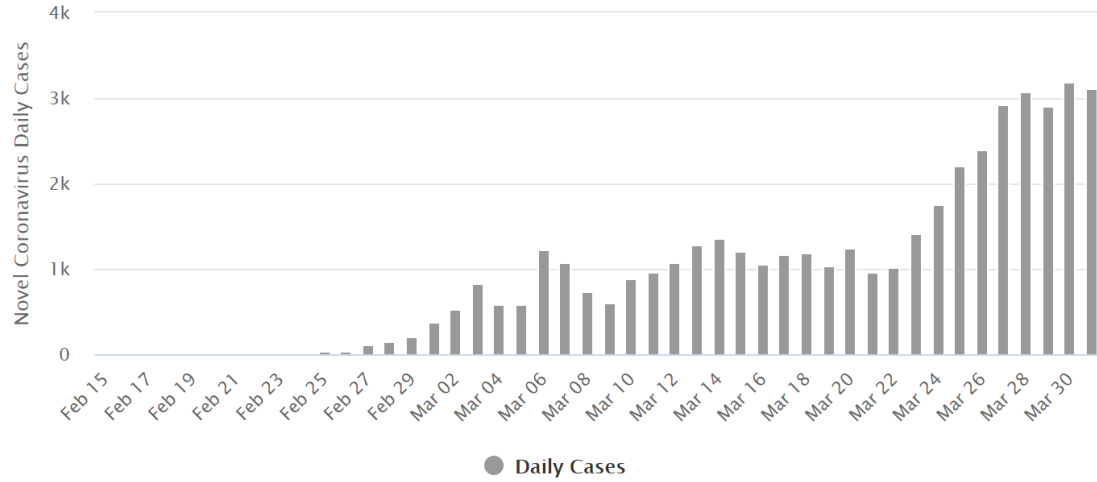
France 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Iran

Daily New Cases

Cases per Day
Data as of 0:00 GMT+0

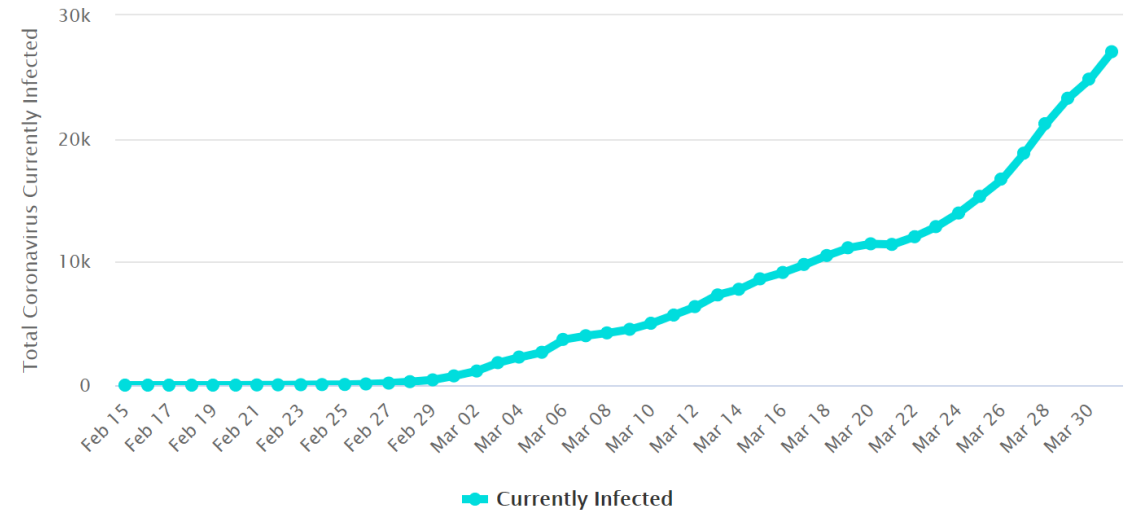


7. Iran

Active Cases in Iran

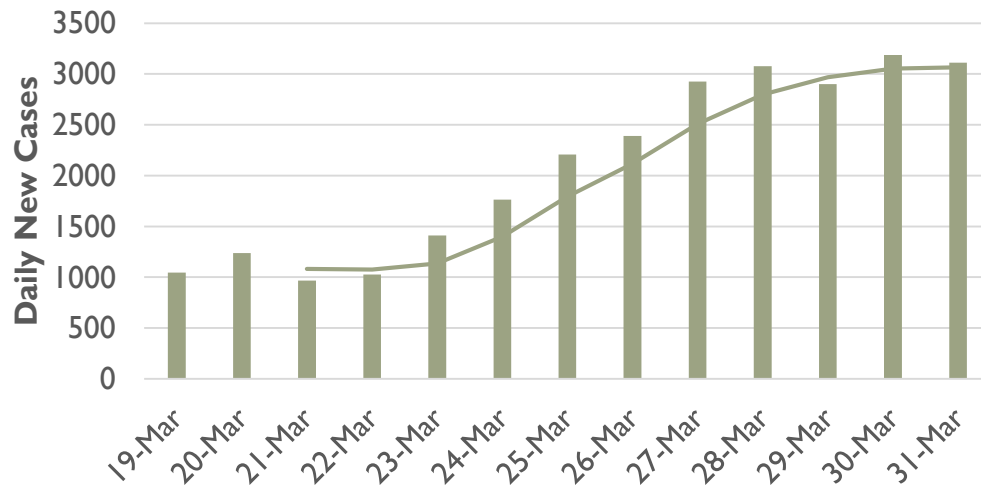
Active Cases

(Number of Infected People)

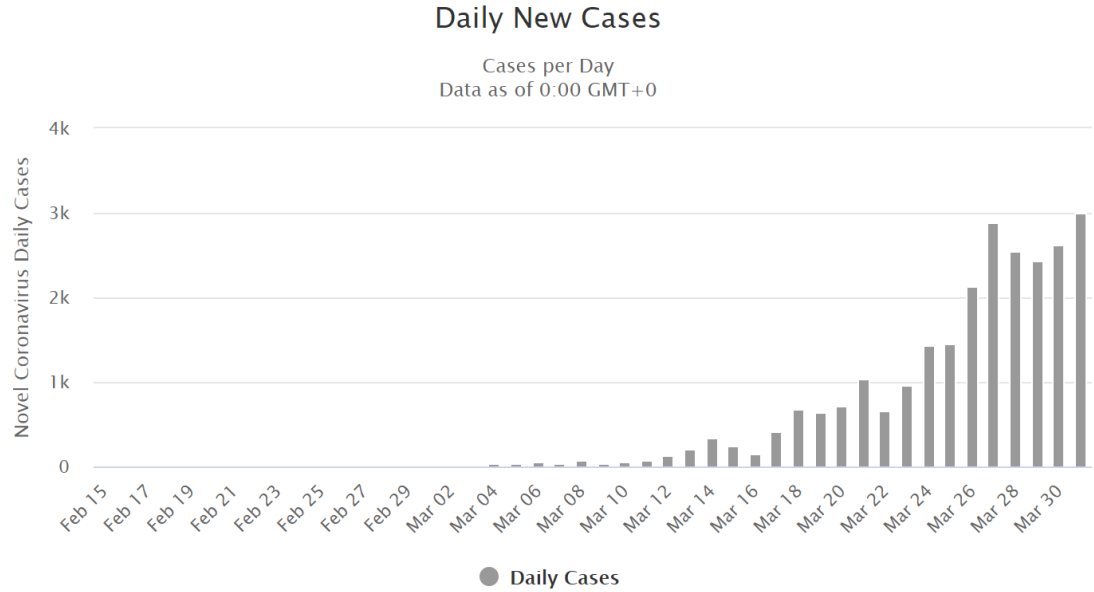


3-Day Moving Average Trendline

Iran 3 per. Mov. Avg. (Daily New Cases)

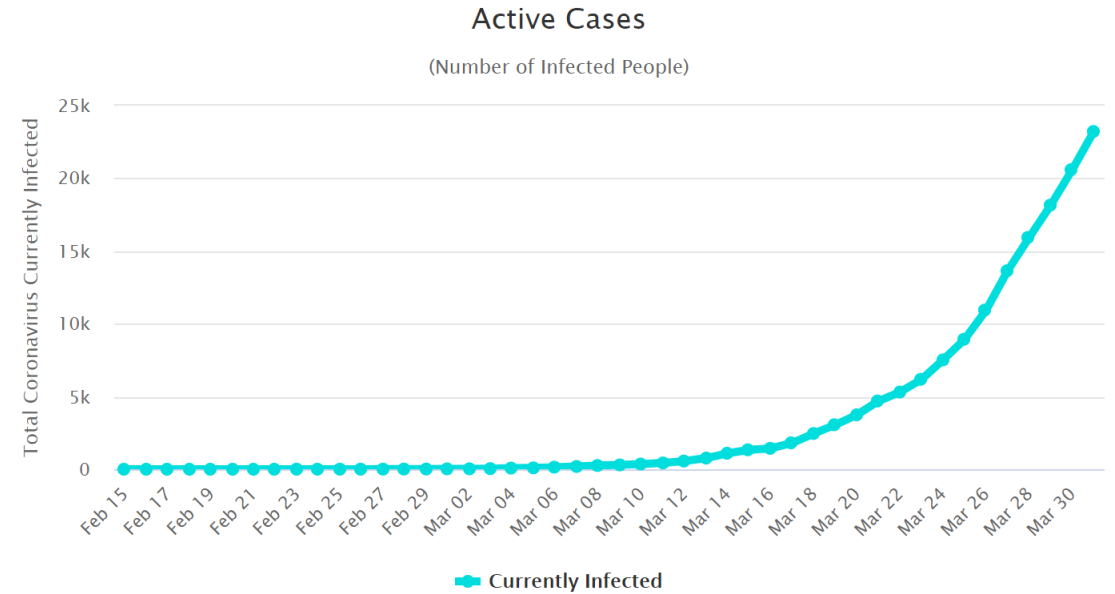


Daily New Cases in the United Kingdom

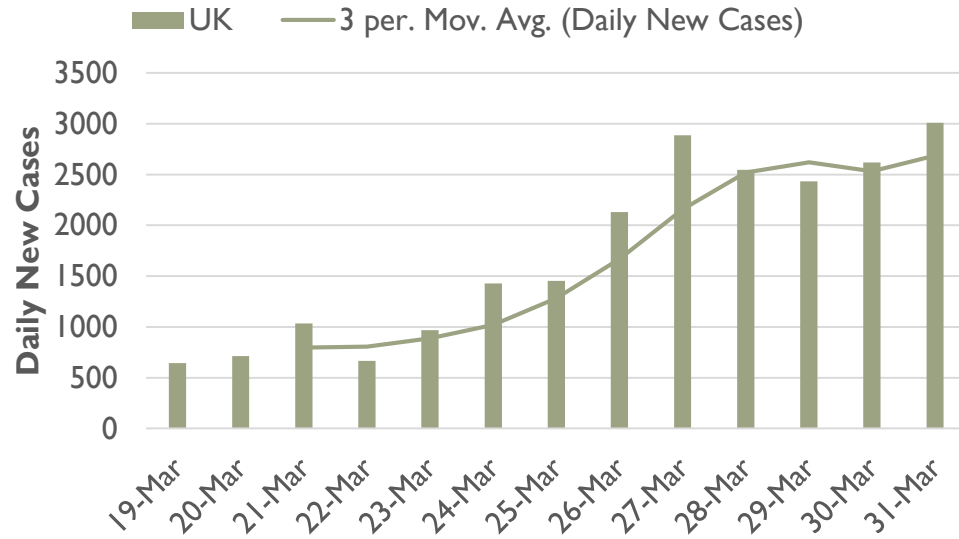


8. UK

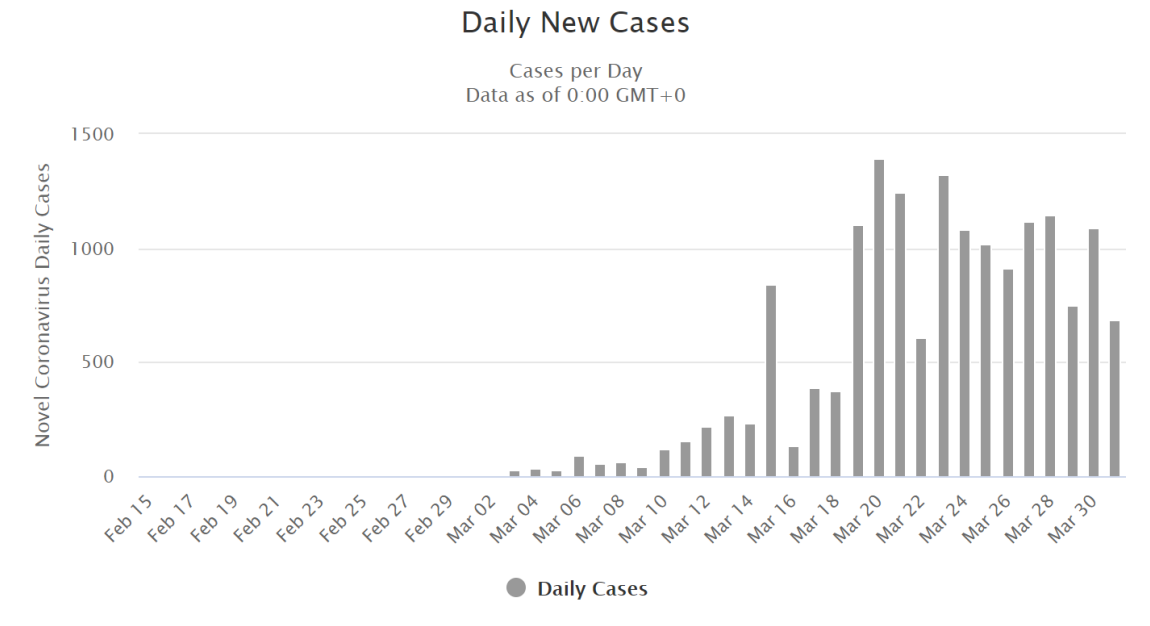
Active Cases in the United Kingdom



3-Day Moving Average Trendline

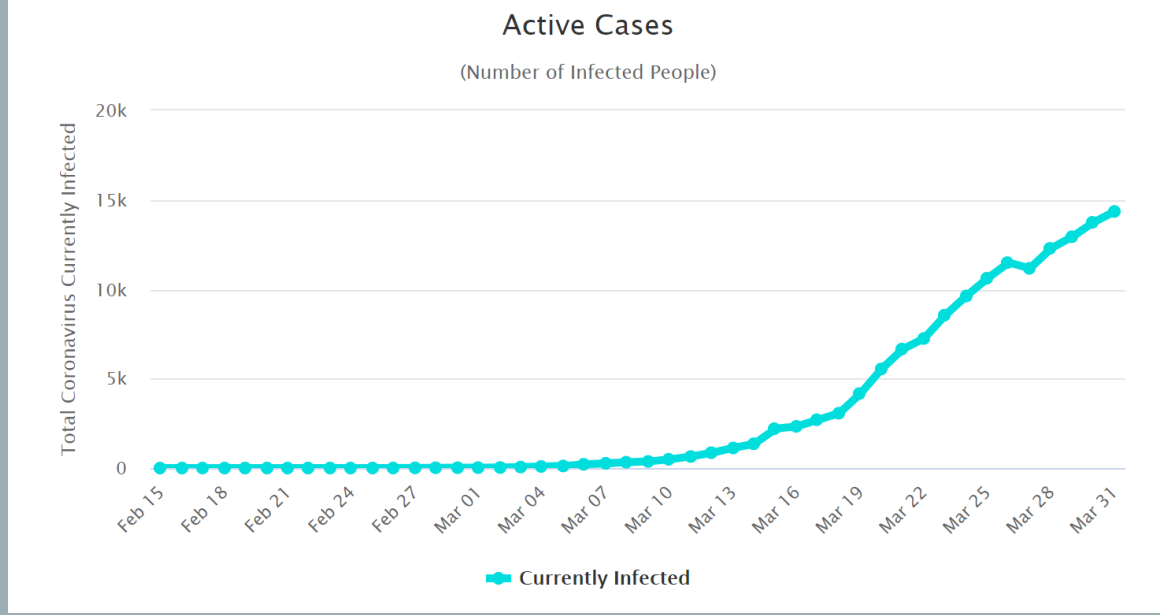


Daily New Cases in Switzerland

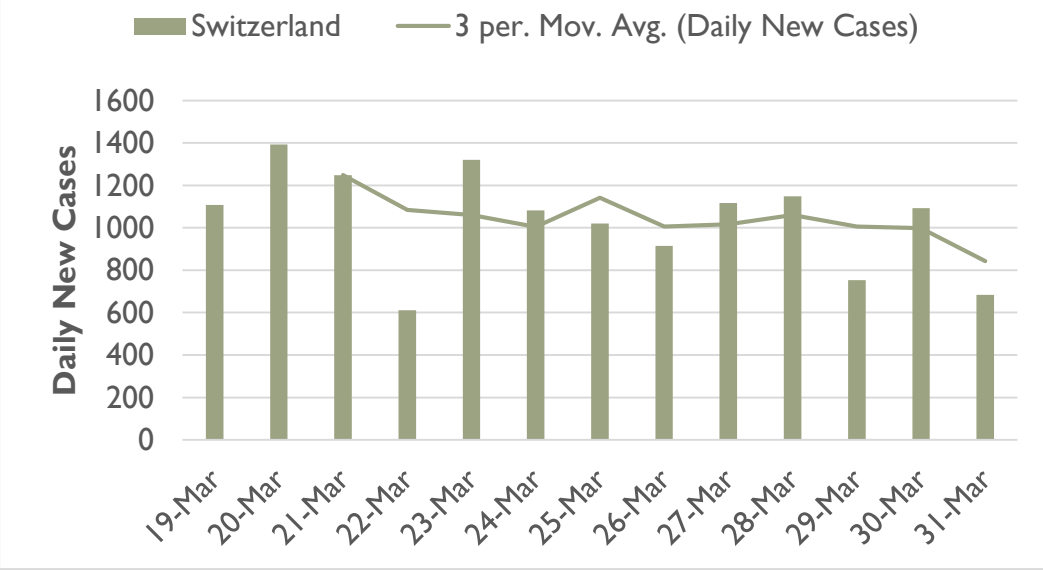


9. Switzerland

Active Cases in Switzerland



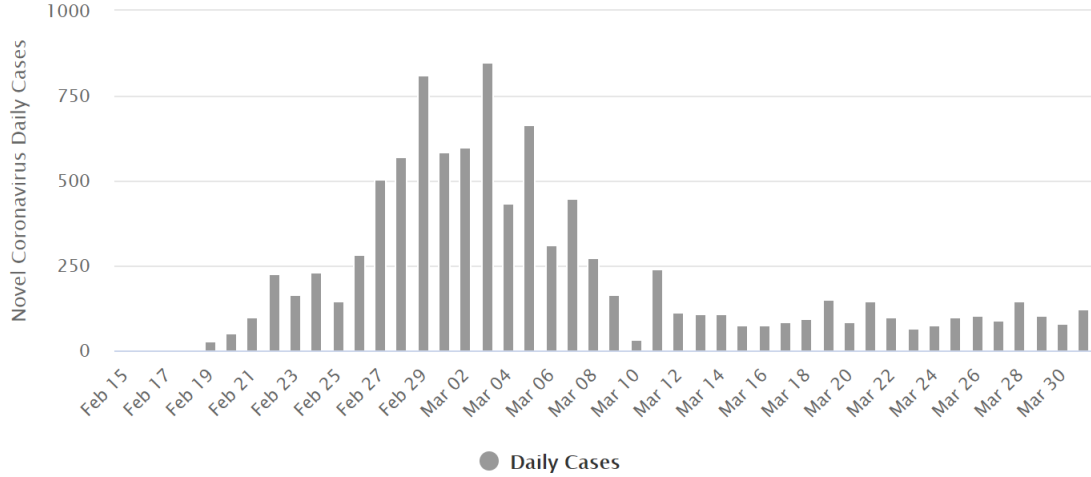
3-Day Moving Average Trendline



Daily New Cases in South Korea

Daily New Cases

Cases per Day
Data as of 0:00 GMT+0

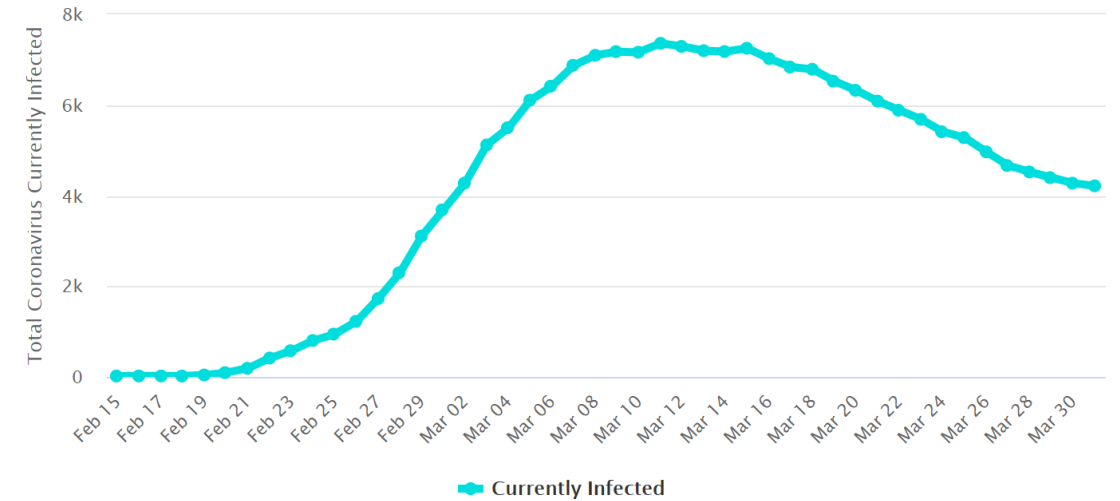


South Korea

Active Cases in South Korea

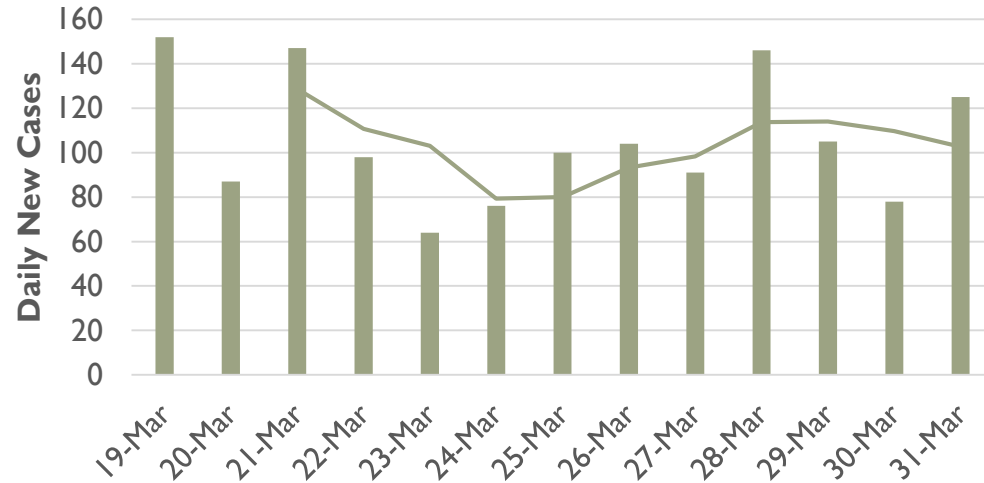
Active Cases

(Number of Infected People)

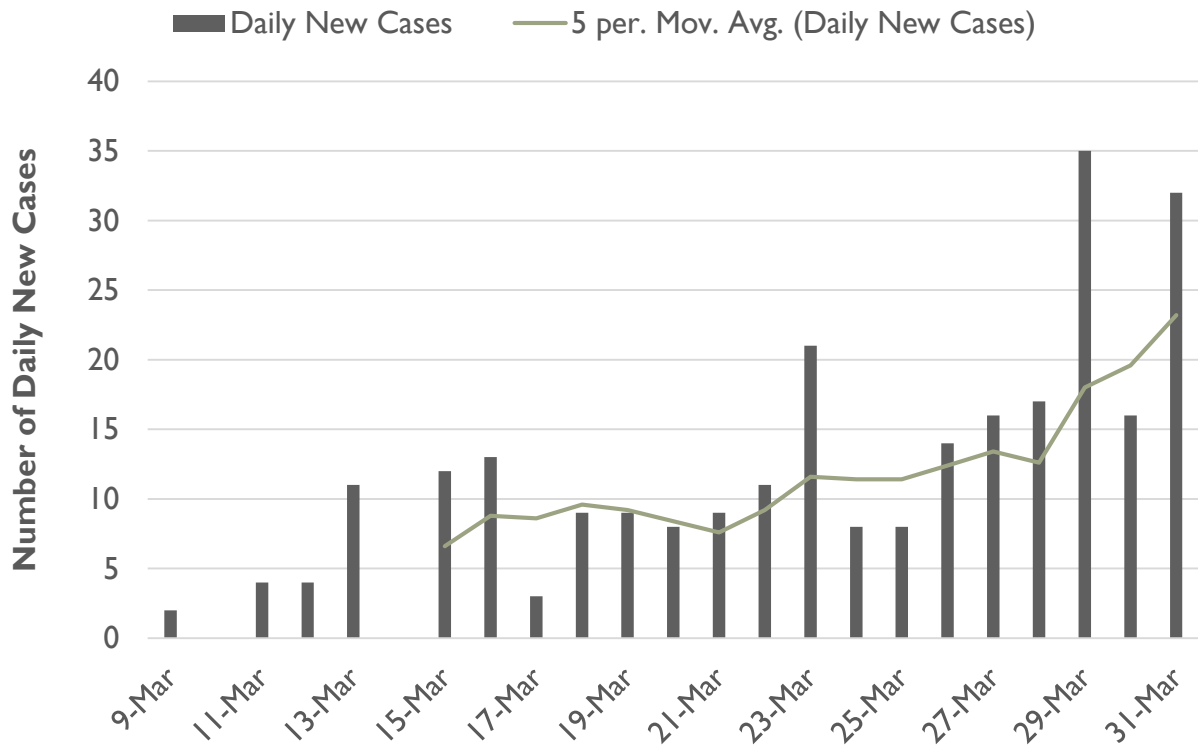


3-Day Moving Average Trendline

S Korea 3 per. Mov. Avg. (Daily New Cases)



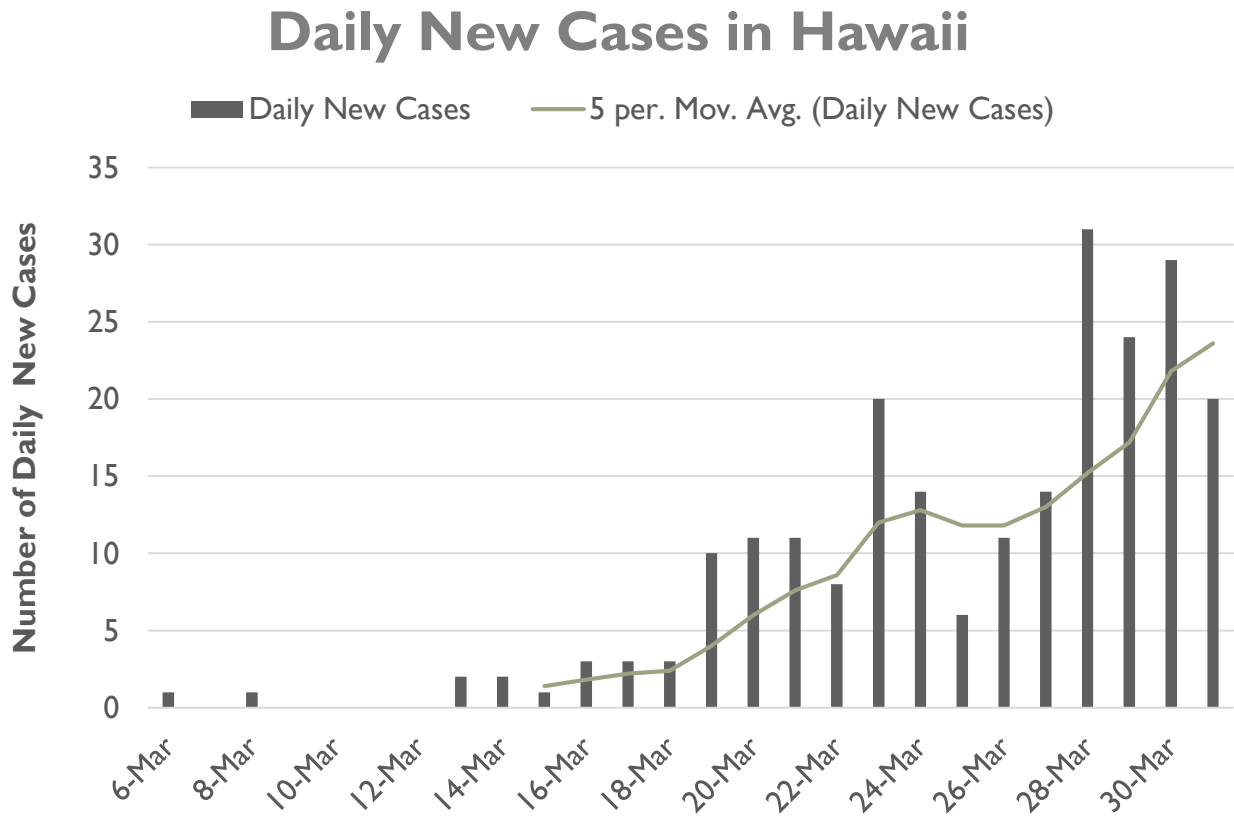
Daily New Cases in Cyprus



Cyprus

Correlation, r (Between Cyprus and Hawaii) = 0.597
 r is significant at $\alpha = 5\%$

Hawaii



Worldwide

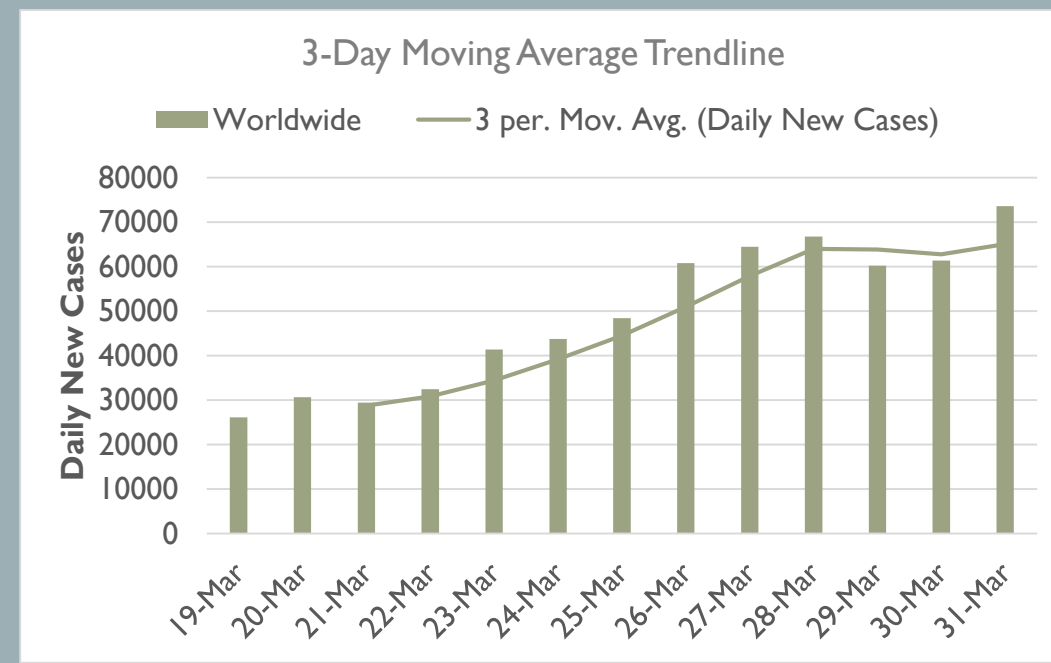
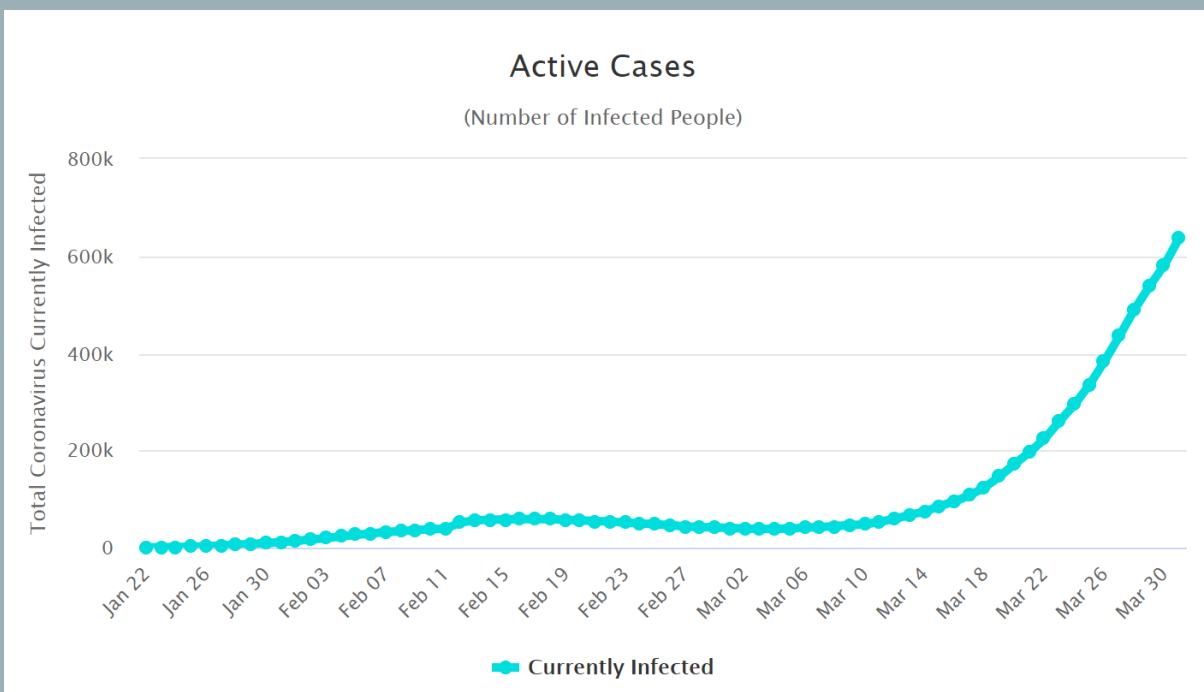
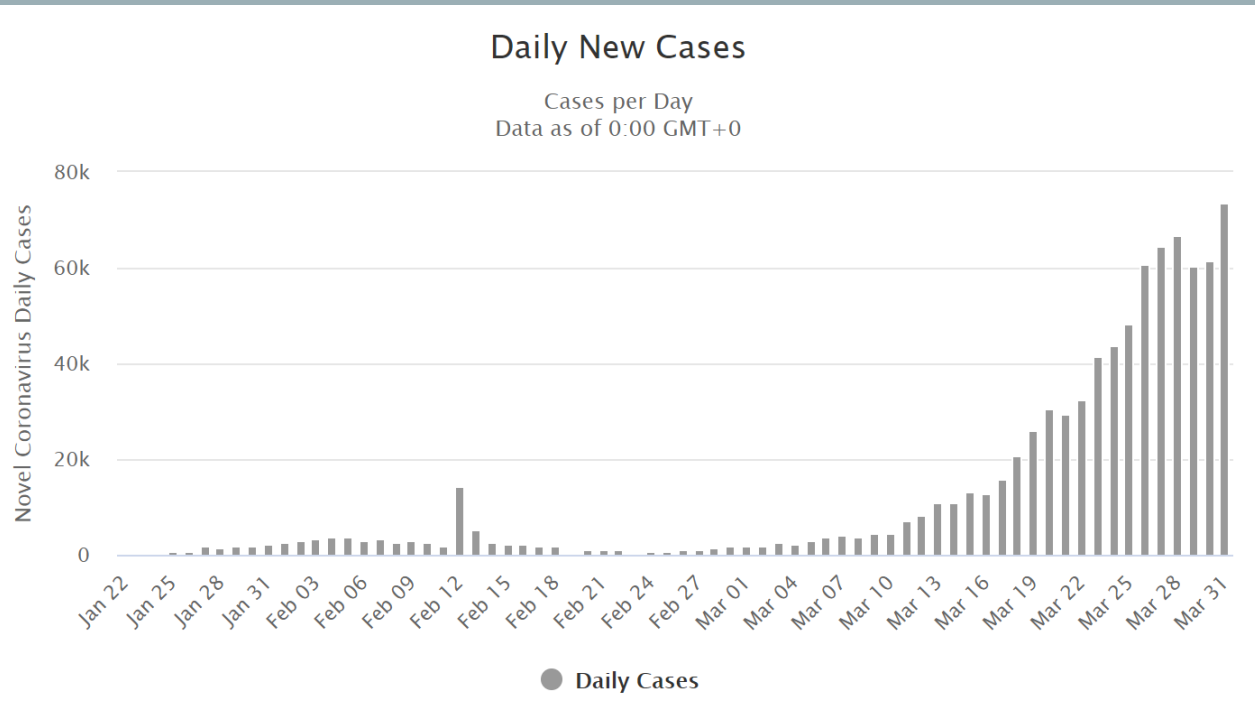


Table I

GROWTH IN NEW CASES SINCE THE DAY BEFORE														AVERAGE GROWTH OF LAST FIVE DAYS				
	3/19	3/20	3/21	3/22	3/23	3/24	3/25	3/26	3/27	3/28	3/29	3/30	3/31	3/23-27	3/24-28	3/25-29	3/26-30	3/27-31
USA	1.591	1.235	0.862	1.936	1.089	1.091	1.204	1.290	1.085	1.041	1.024	1.022	1.216	1.152	1.142	1.129	1.092	1.077
Italy	1.265	1.125	1.095	0.848	0.861	1.096	0.993	1.191	0.953	1.011	0.873	0.776	1.001	1.019	1.049	1.004	0.961	0.923
Spain	1.124	1.056	1.123	0.834	1.946	1.087	1.077	1.109	0.959	0.947	0.915	1.141	1.015	1.236	1.036	1.002	1.014	0.996
China	1.15	1.051	1.122	0.848	2.000	0.603	1.426	0.821	0.982	0.833	0.000	---	0.000	1.166	0.933	0.812	0.659	0.454
Germany	1.011	1.513	0.556	0.997	1.667	0.941	1.101	1.527	1.048	0.984	0.695	0.939	1.106	1.257	1.120	1.071	1.039	0.954
France	1.325	0.869	1.142	0.844	2.462	0.638	1.196	1.339	0.971	1.211	0.564	1.684	1.732	1.321	1.071	1.056	1.154	1.232
Iran	0.878	1.183	0.781	1.064	1.373	1.249	1.252	1.083	1.225	1.051	0.943	1.098	0.976	1.236	1.172	1.111	1.080	1.059
UK	0.951	1.110	1.450	0.643	1.454	1.476	1.018	1.466	1.355	0.882	0.956	1.076	1.149	1.354	1.239	1.135	1.147	1.084
Switzerland	2.968	1.258	0.896	0.490	2.162	0.819	0.943	0.896	1.222	1.028	0.656	1.452	0.625	1.208	0.982	0.949	1.051	0.996
S Korea	1.634	0.572	1.690	0.667	0.653	1.188	1.316	1.040	0.875	1.604	0.719	0.743	1.603	1.014	1.205	1.111	0.996	1.109
Cyprus	1.000	0.889	1.125	1.375	1.909	0.381	1.000	1.750	1.143	1.063	2.059	0.457	2.000	1.237	1.067	1.403	1.294	1.344
Hawaii	3.333	1.100	1.000	0.727	2.500	0.700	0.429	1.833	1.273	2.214	0.774	1.208	0.690	1.347	1.290	1.305	1.461	1.232
Worldwide	1.271	1.174	0.960	1.102	1.275	1.058	1.107	1.254	1.061	1.035	0.903	1.019	1.199	1.151	1.103	1.072	1.054	1.043

Table 2**RATIO OF THE AVERAGE NEW CASES OF RECENT
THREE DAYS TO MAX DAILY PEAK**

	3/22	3/23	3/24	3/25	3/26	3/27	3/28	3/29	3/30	3/31
USA	0.701	0.796	0.921	0.865	0.806	0.879	0.949	0.972	0.978	0.876
Italy	0.920	0.859	0.793	0.775	0.847	0.881	0.919	0.869	0.775	0.677
Spain	0.908	0.710	0.798	0.927	0.913	0.954	0.956	0.900	0.896	0.914
China	0.003	0.004	0.004	0.005	0.004	0.004	0.004	0.002	0.003	0.002
Germany	0.703	0.678	0.782	0.917	0.750	0.860	0.979	0.889	0.770	0.679
France	0.900	0.629	0.681	0.800	0.790	0.906	0.892	0.797	0.838	0.640
Iran	0.789	0.804	0.795	0.813	0.887	0.857	0.909	0.965	0.959	0.962
UK	0.777	0.859	0.715	0.883	0.784	0.747	0.873	0.909	0.878	0.893
Switzerland	0.778	0.761	0.721	0.819	0.722	0.730	0.761	0.722	0.716	0.605
S Korea	0.130	0.121	0.093	0.094	0.110	0.116	0.134	0.134	0.129	0.121
Cyprus	0.718	0.651	0.635	0.587	0.476	0.603	0.746	0.648	0.648	0.790
Hawaii	0.909	0.650	0.700	0.667	0.517	0.517	0.602	0.742	0.903	0.785
Worldwide	0.950	0.832	0.896	0.919	0.839	0.898	0.959	0.956	0.941	0.884