

COVID-19 CASES

AS OF THURSDAY 4/2/2020, 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.

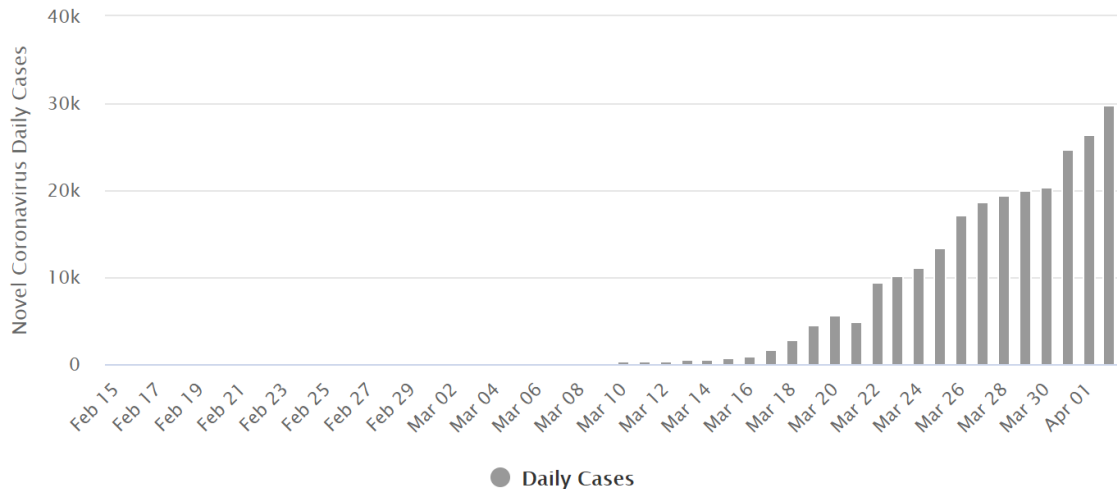
Source: <https://www.financialmirror.com/category/cyprus/>

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

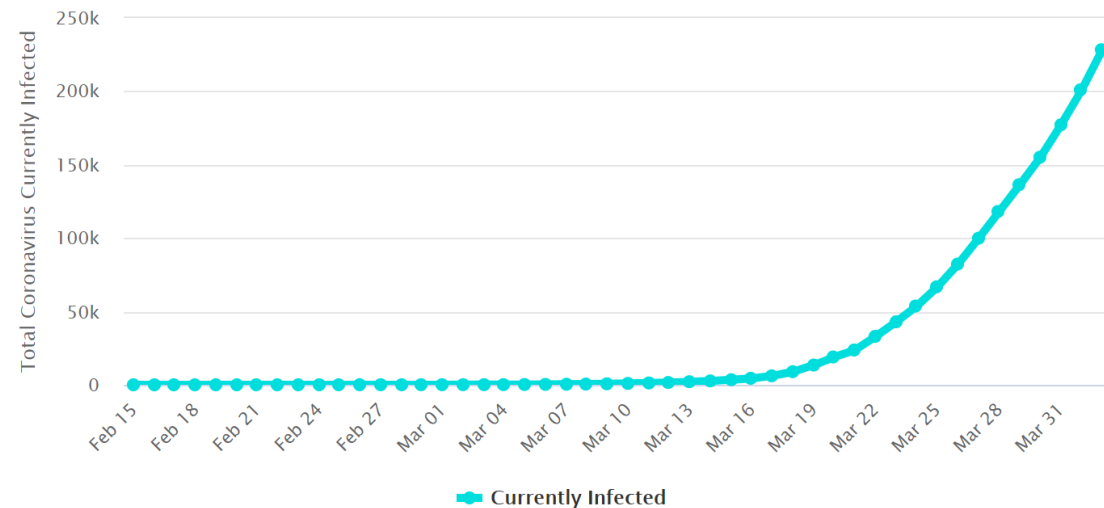


I. USA

Active Cases in the United States

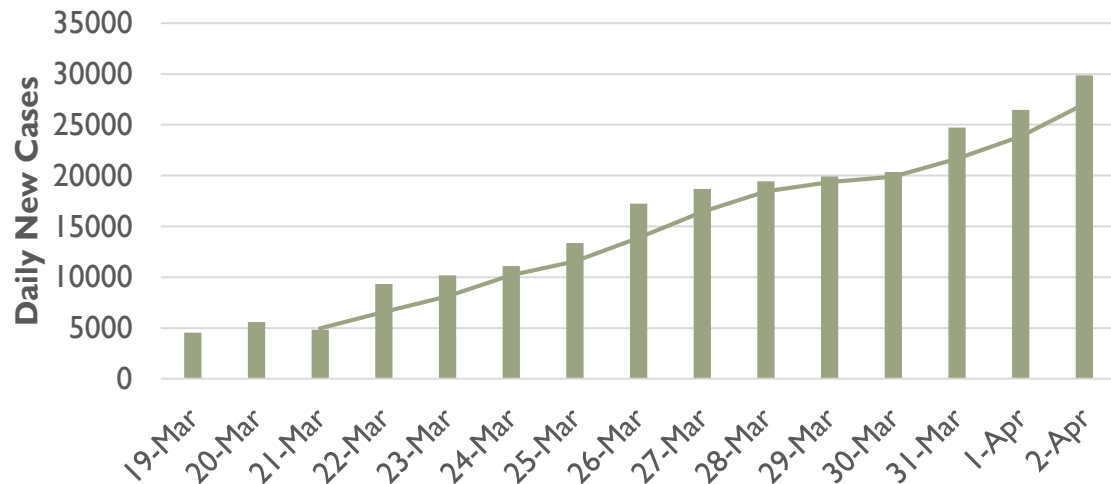
Active Cases

(Number of Infected People)

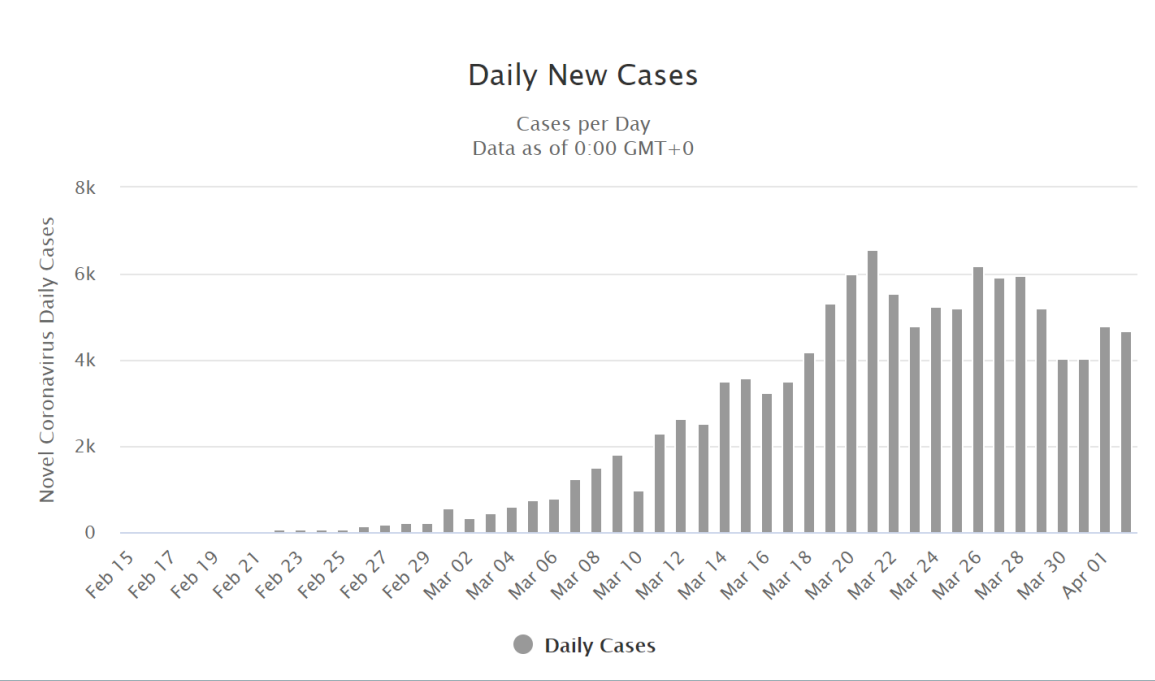


3-Day Moving Average Trendline

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

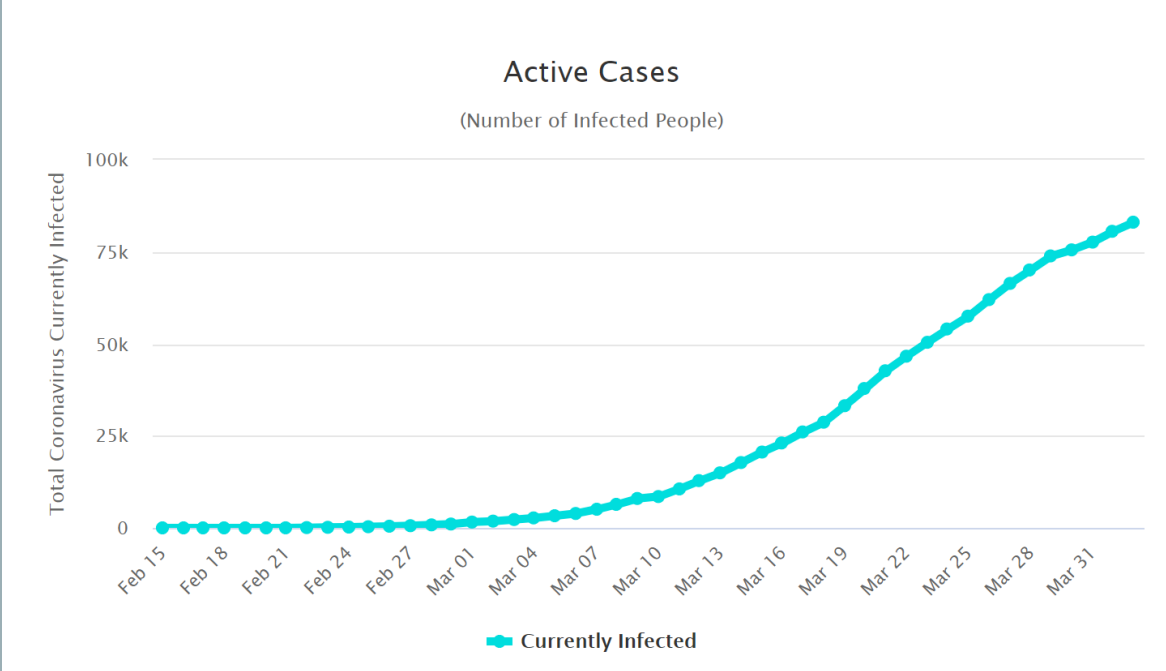


Daily New Cases in Italy

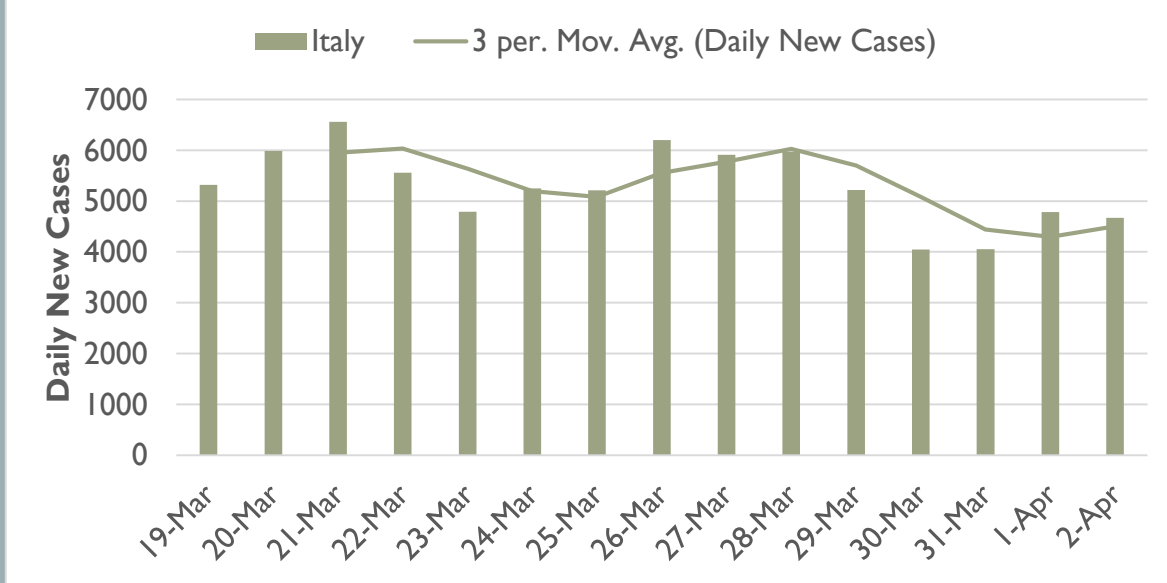


2. Italy

Active Cases in Italy



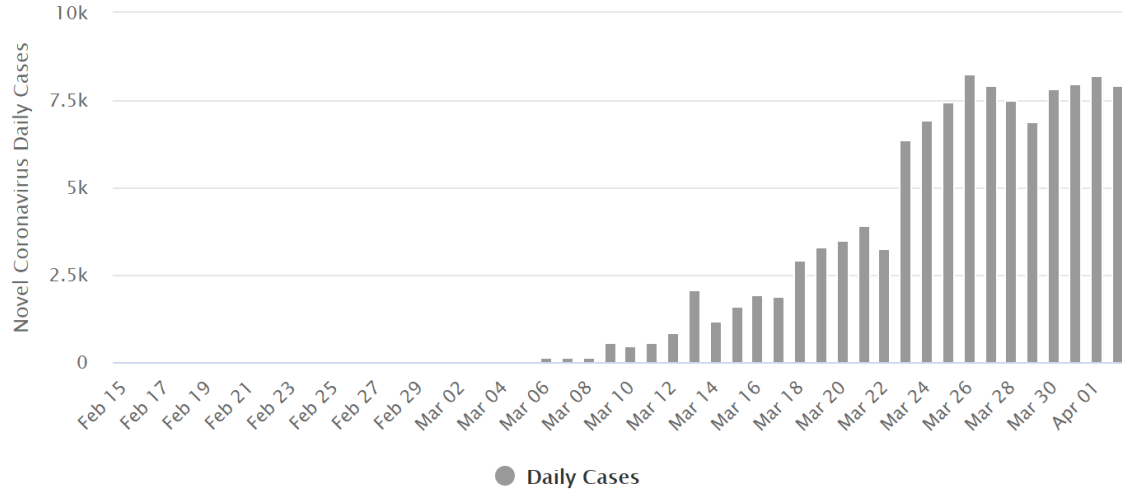
3-Day Moving Average Trendline



Daily New Cases in Spain

Daily New Cases

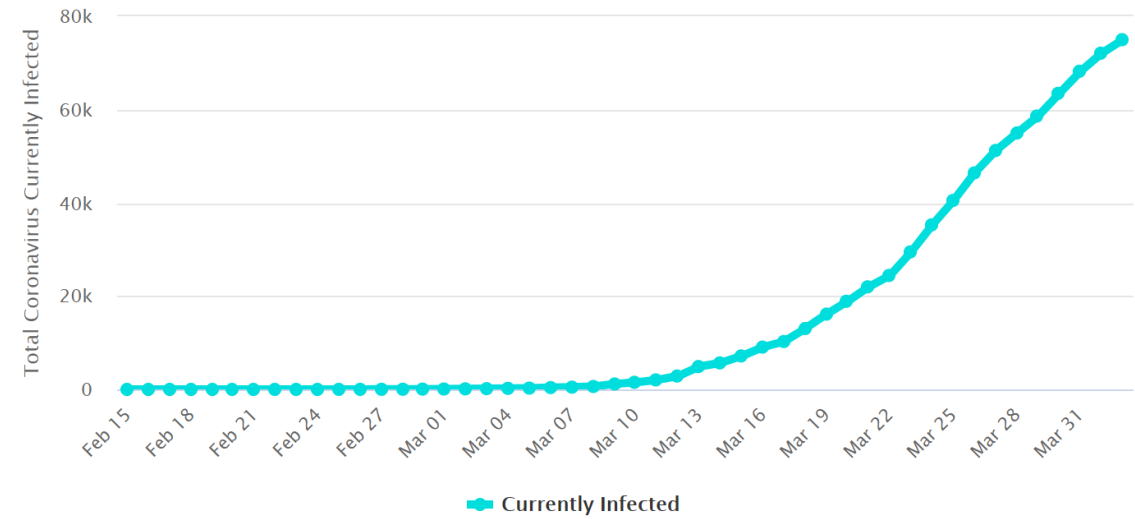
Cases per Day
Data as of 0:00 GMT+0



3. Spain

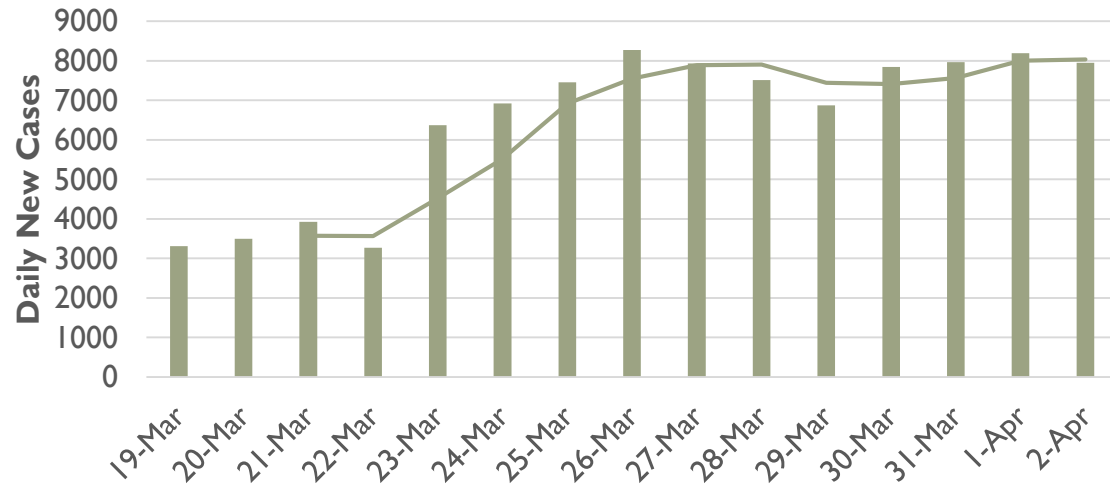
Active Cases in Spain

Active Cases
(Number of Infected People)



3-Day Moving Average Trendline

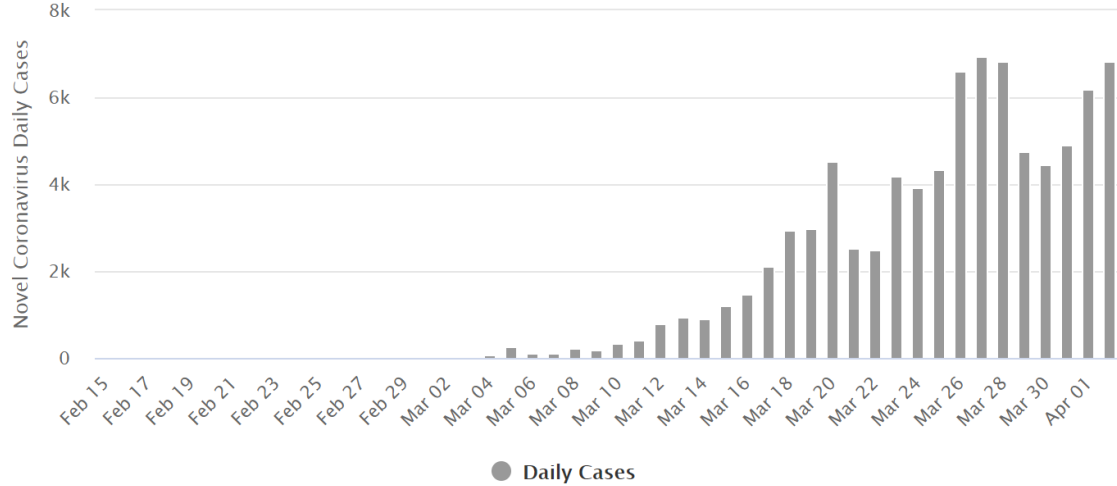
Spain 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Germany

Daily New Cases

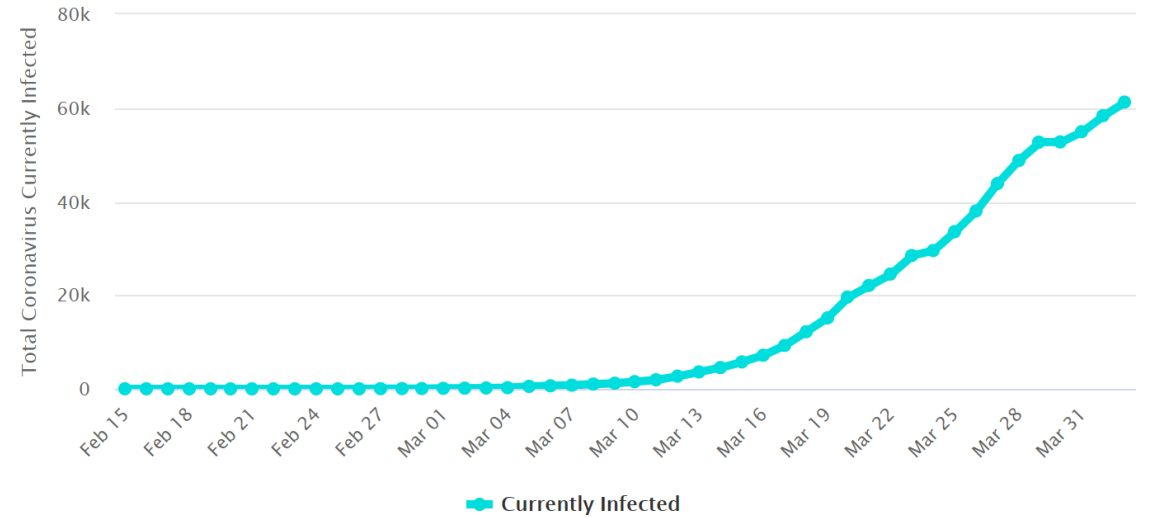
Cases per Day
Data as of 0:00 GMT+0



4. Germany

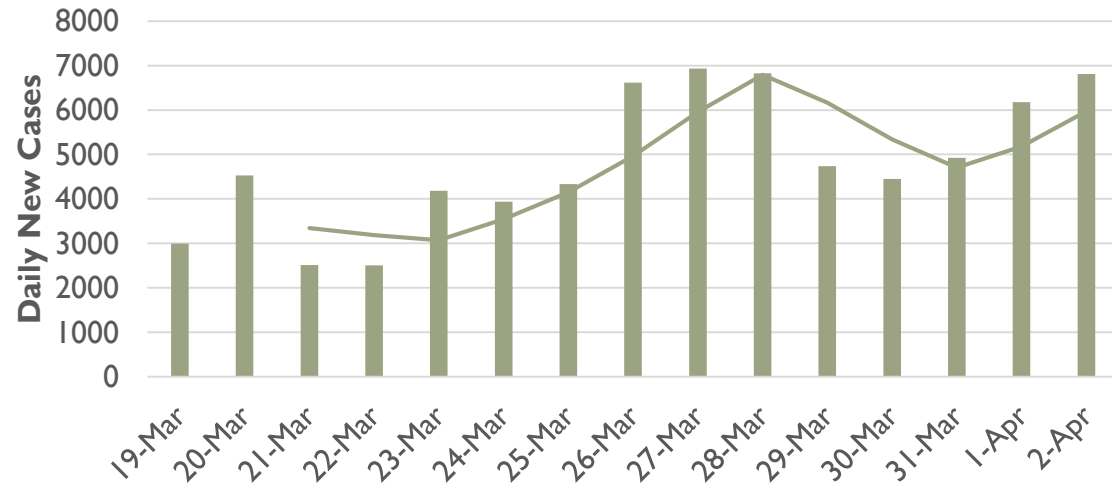
Active Cases in Germany

Active Cases
(Number of Infected People)



3-Day Moving Average Trendline

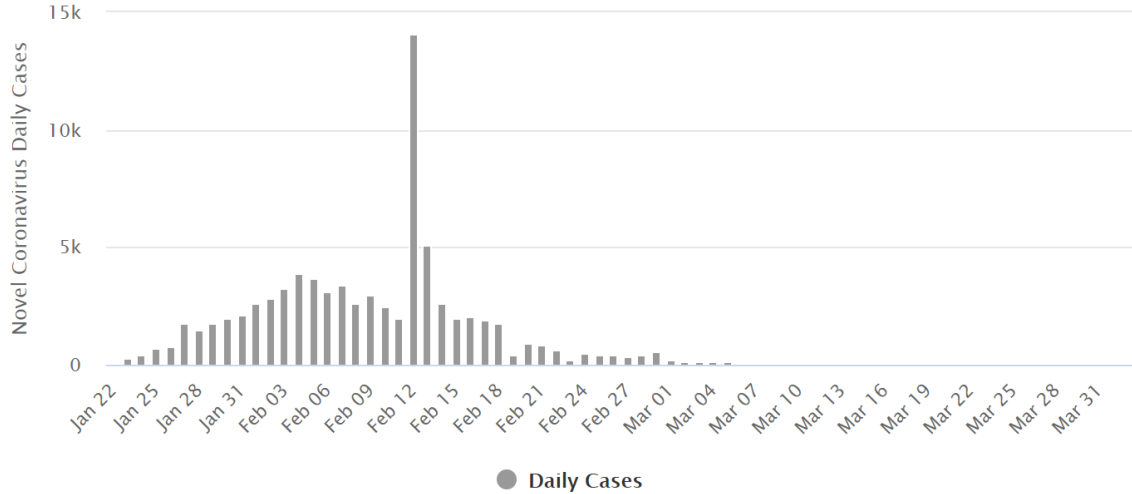
Germany 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in China

Daily New Cases

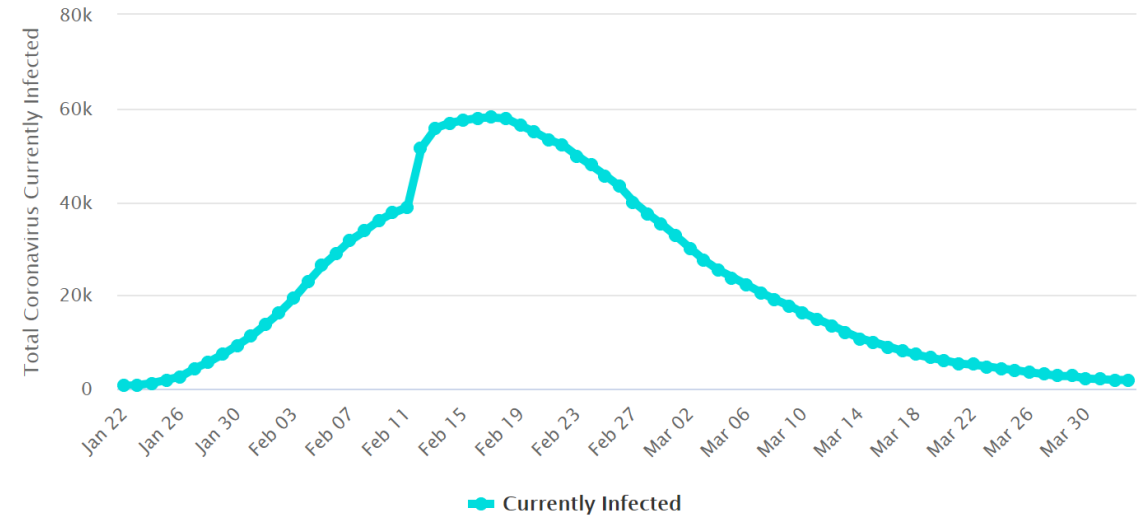
Cases per Day
Data as of 0:00 GMT+0



5. China

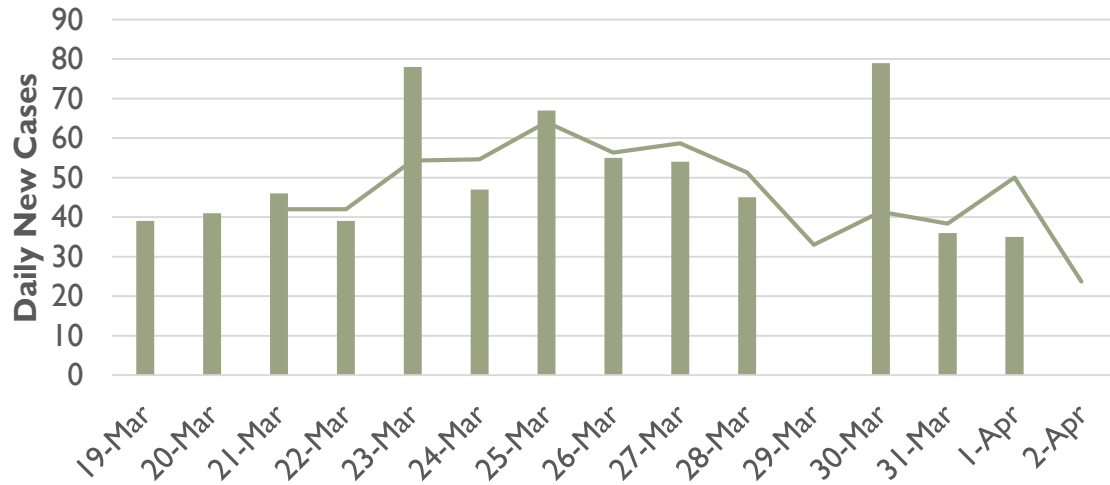
Active Cases in China

Active Cases
(Number of Infected People)



3-Day Moving Average Trendline

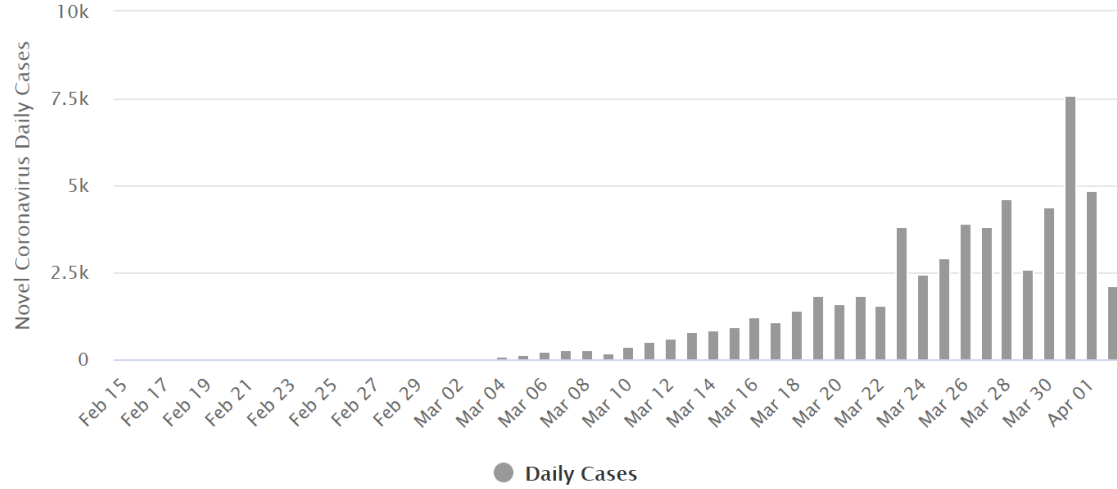
China 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in France

Daily New Cases

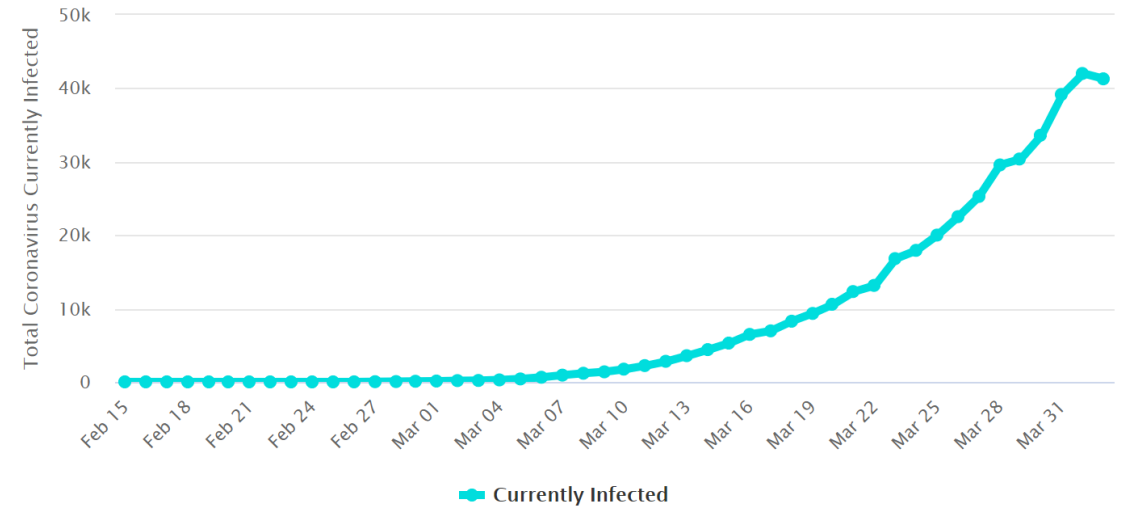
Cases per Day
Data as of 0:00 GMT+0



6. France

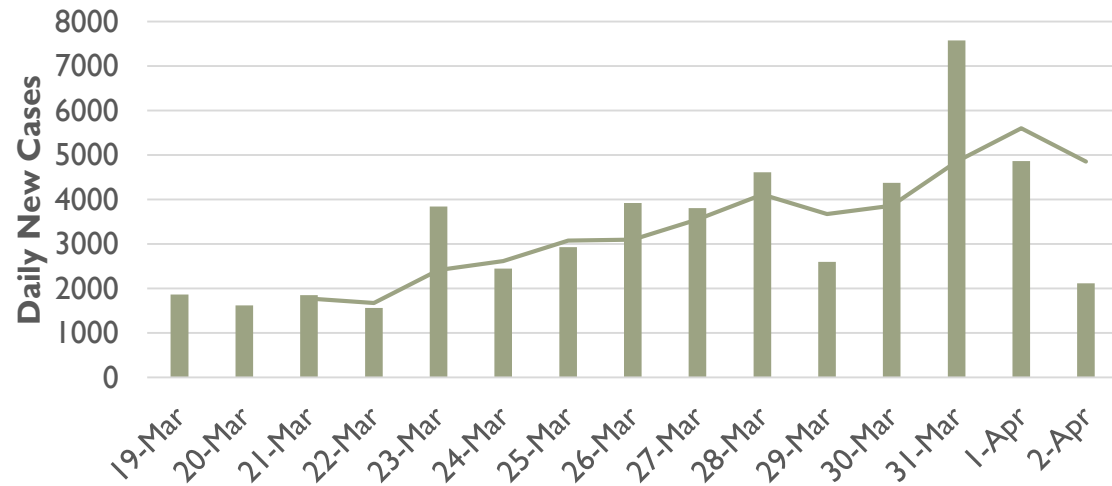
Active Cases in France

Active Cases
(Number of Infected People)



3-Day Moving Average Trendline

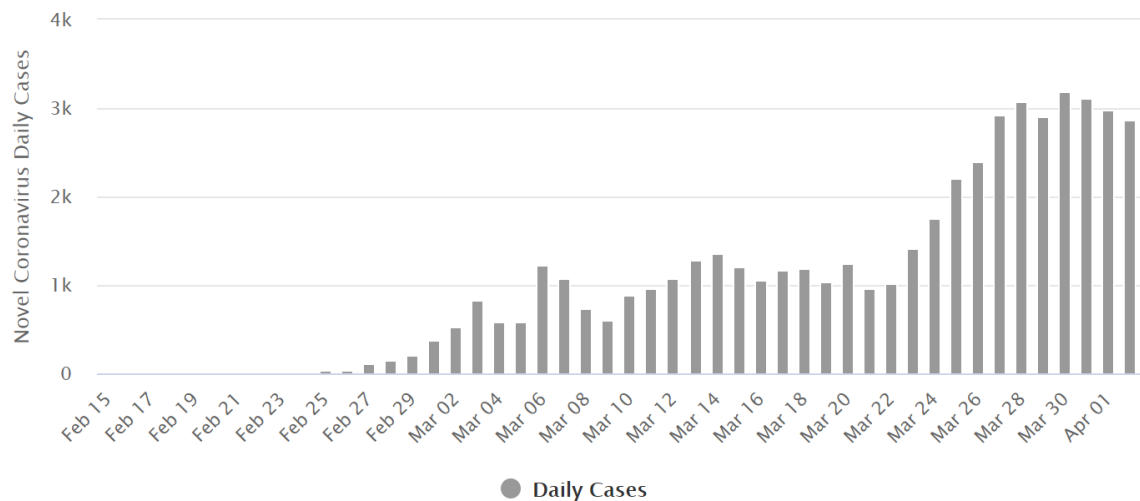
France 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Iran

Daily New Cases

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

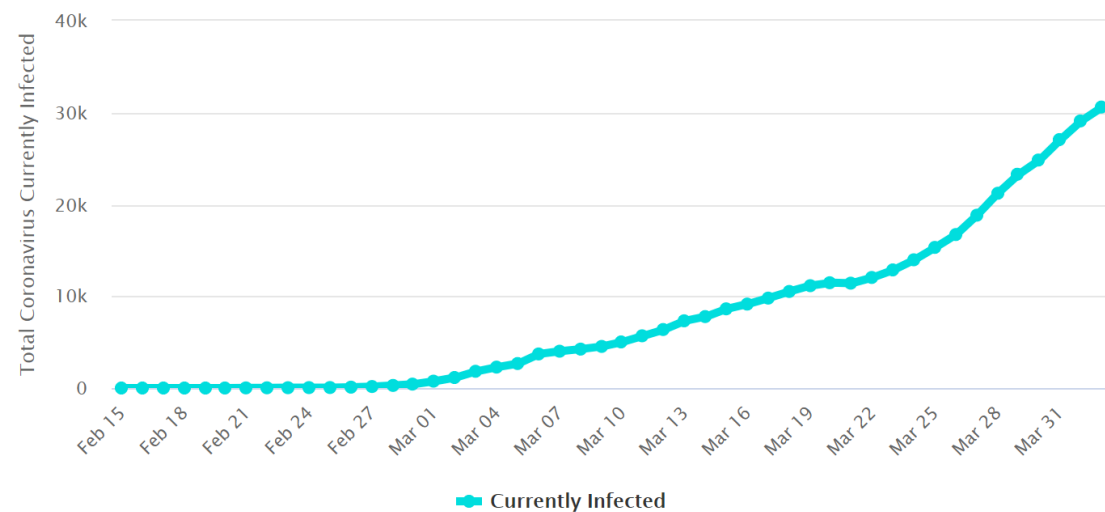


7. Iran

Active Cases in Iran

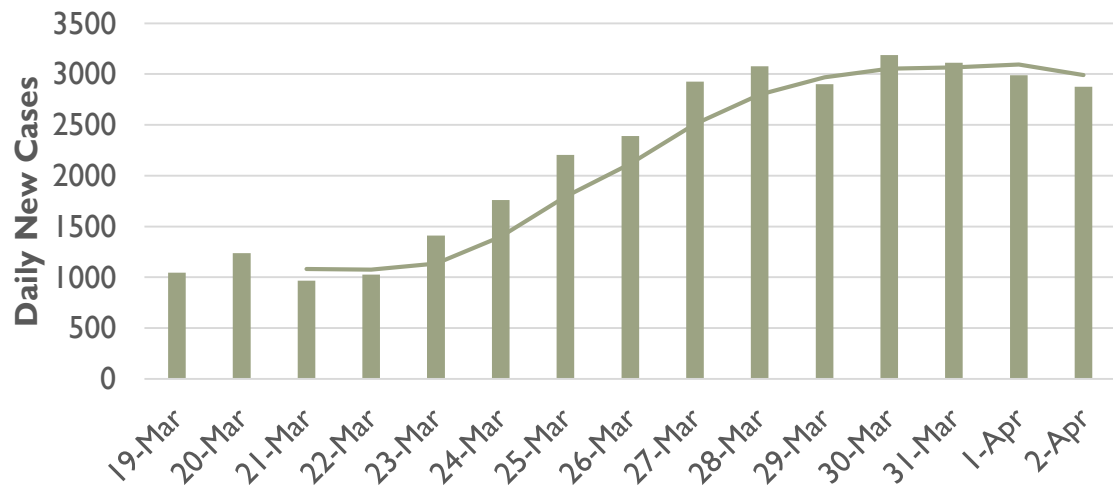
Active Cases

(Number of Infected People)



3-Day Moving Average Trendline

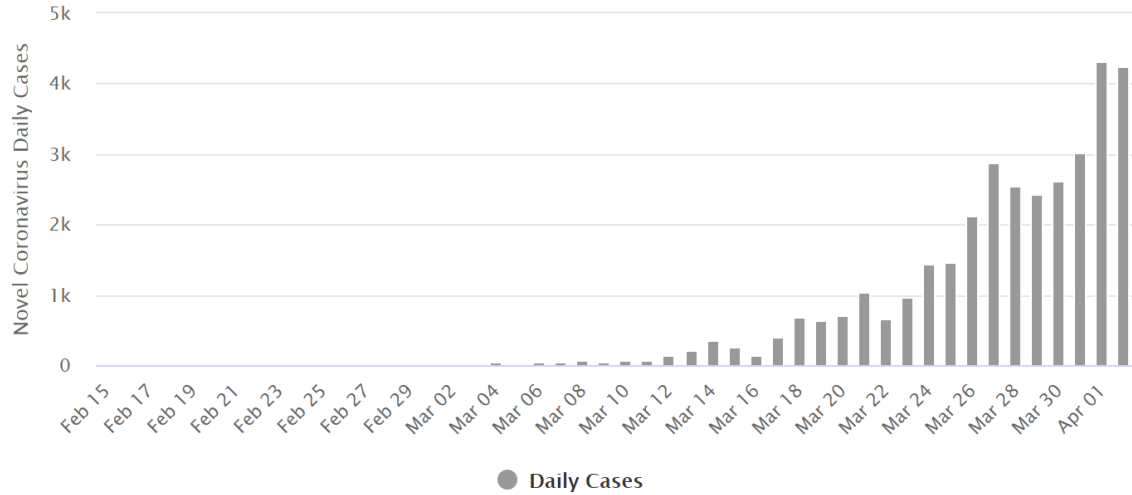
Iran 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in the United Kingdom

Daily New Cases

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

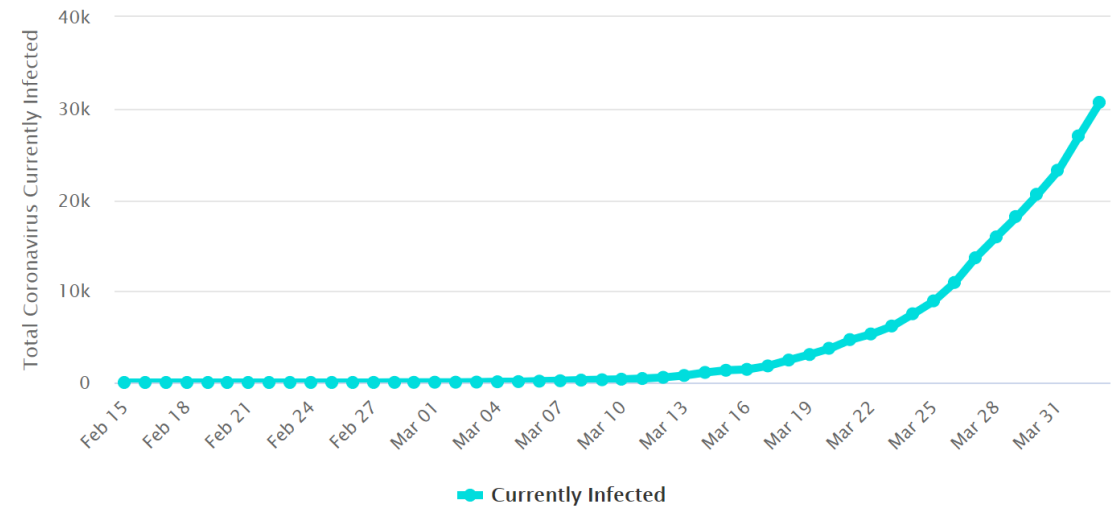


8. UK

Active Cases in the United Kingdom

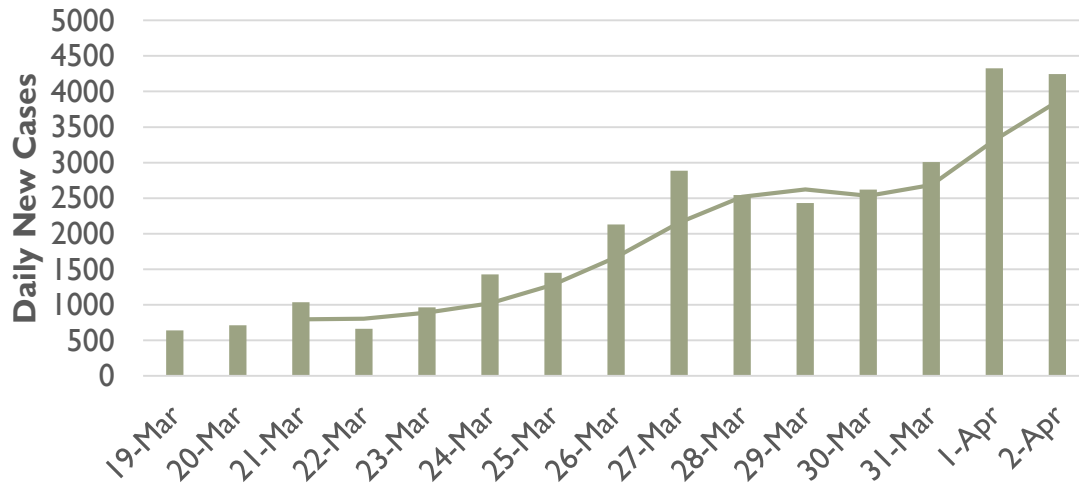
Active Cases

(Number of Infected People)



3-Day Moving Average Trendline

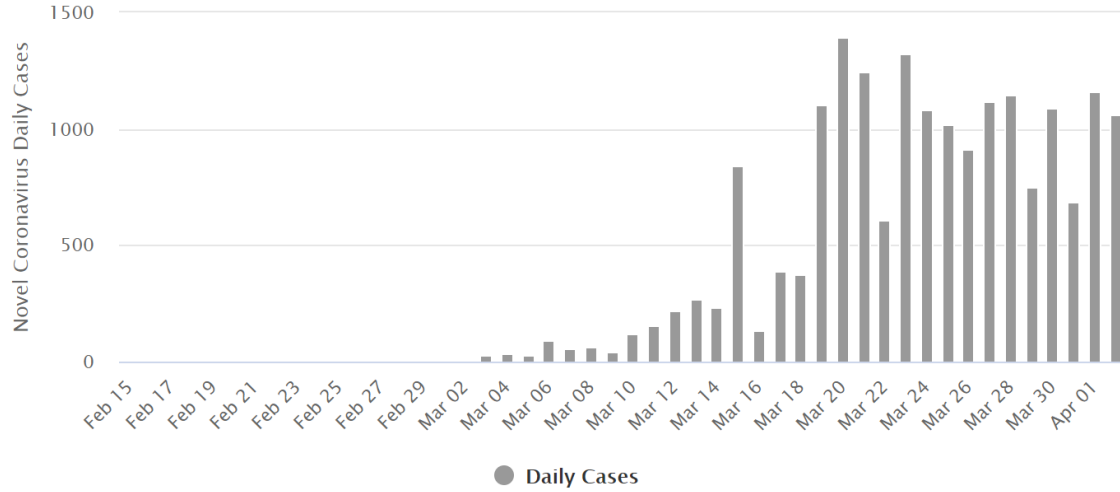
UK 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Switzerland

Daily New Cases

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

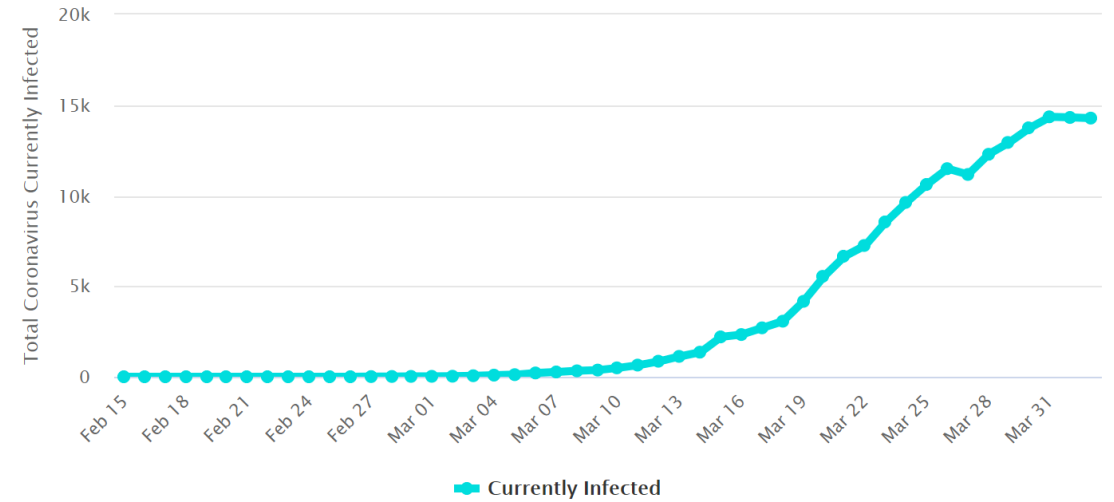


9. Switzerland

Active Cases in Switzerland

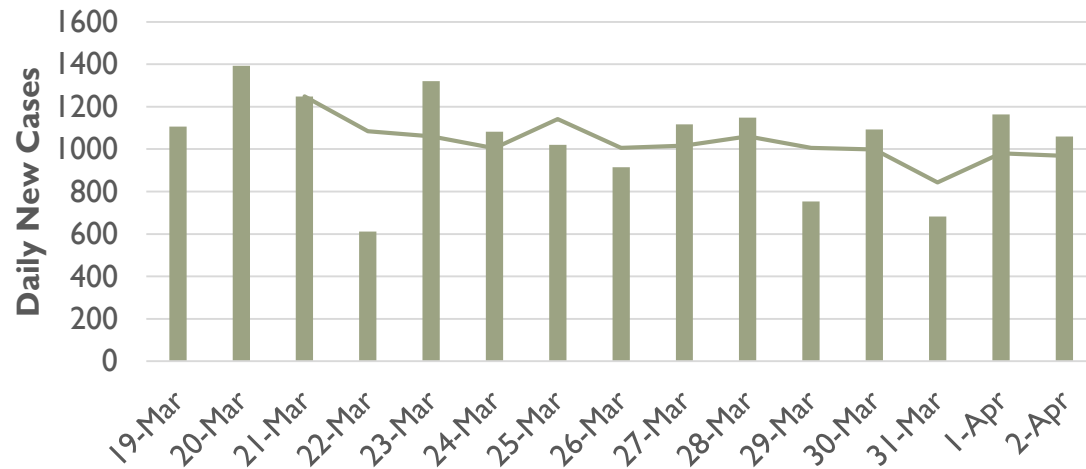
Active Cases

(Number of Infected People)



3-Day Moving Average Trendline

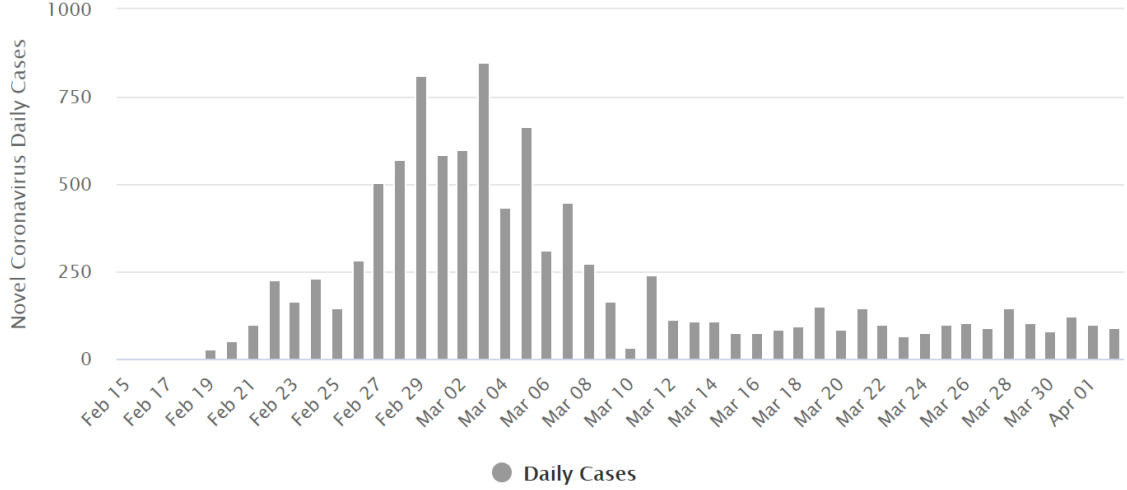
Switzerland 3 per. Mov. Avg. (Daily New Cases)



Daily New Cases in South Korea

Daily New Cases

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

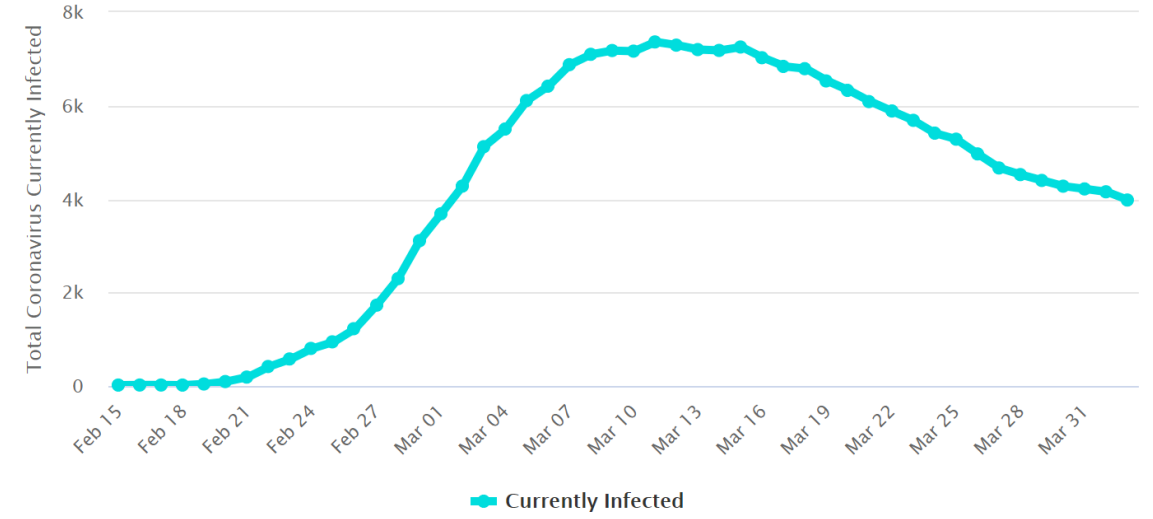


South Korea

Active Cases in South Korea

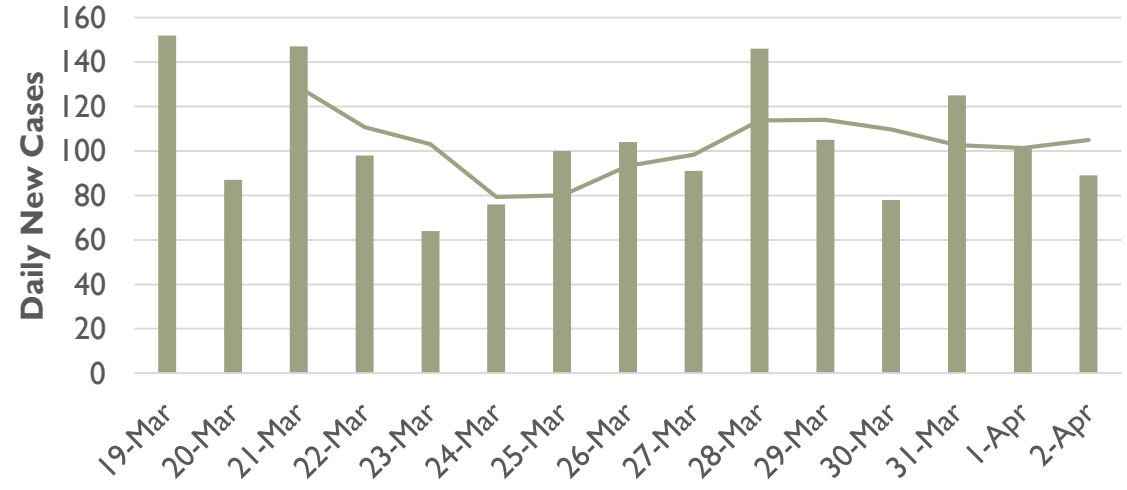
Active Cases

(Number of Infected People)

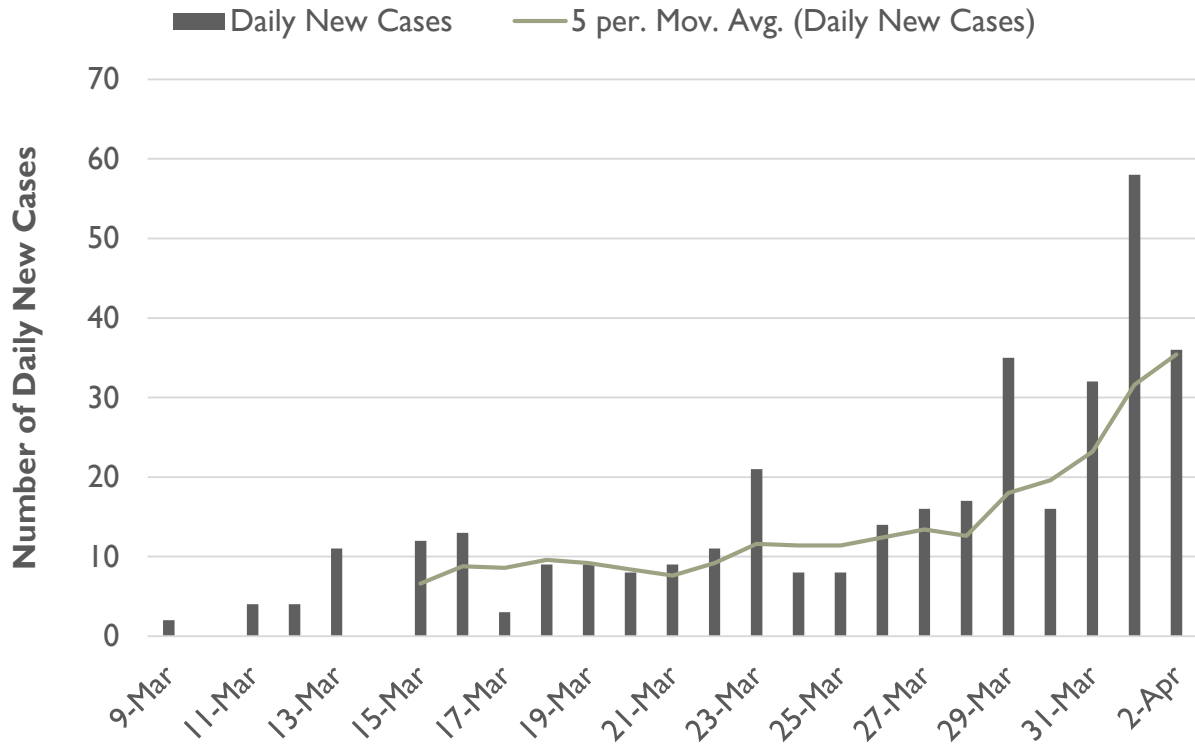


3-Day Moving Average Trendline

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



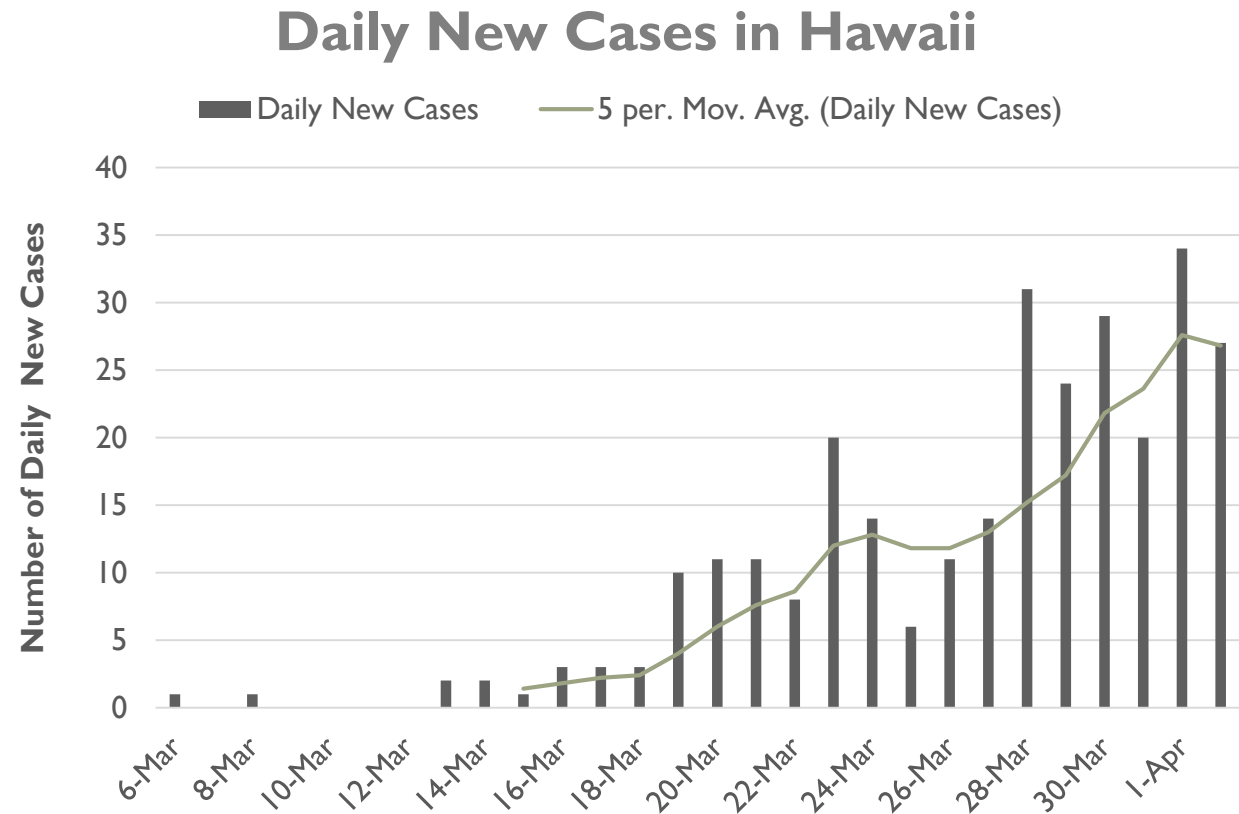
Daily New Cases in Cyprus



Cyprus

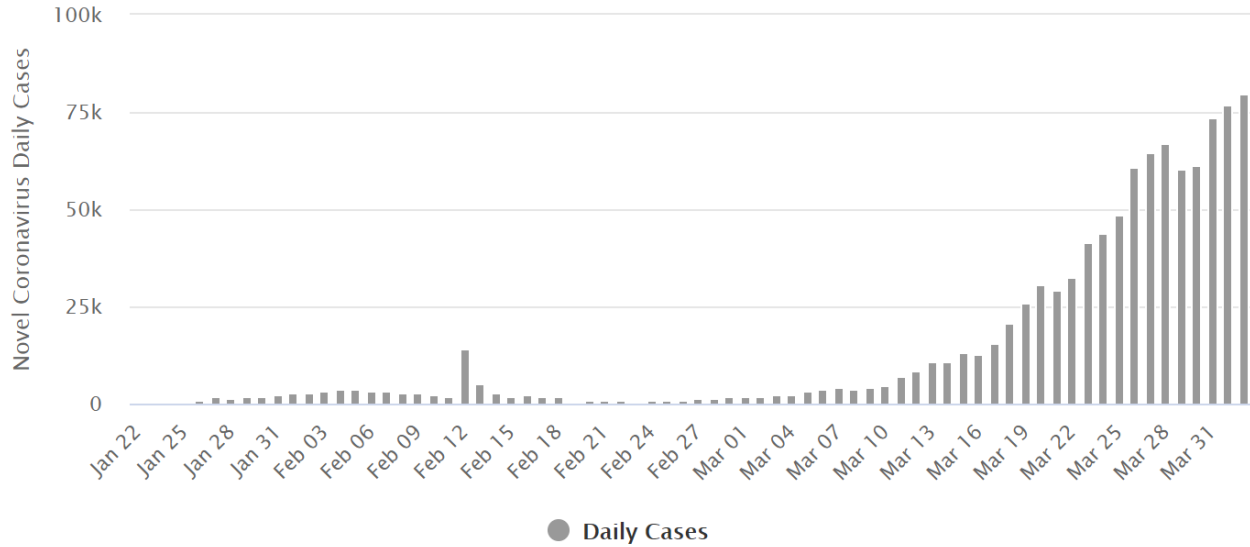
Correlation, r (Between Cyprus and Hawaii) = 0.750
 r is significant at $\alpha = 5\%$

Hawaii



Daily New Cases

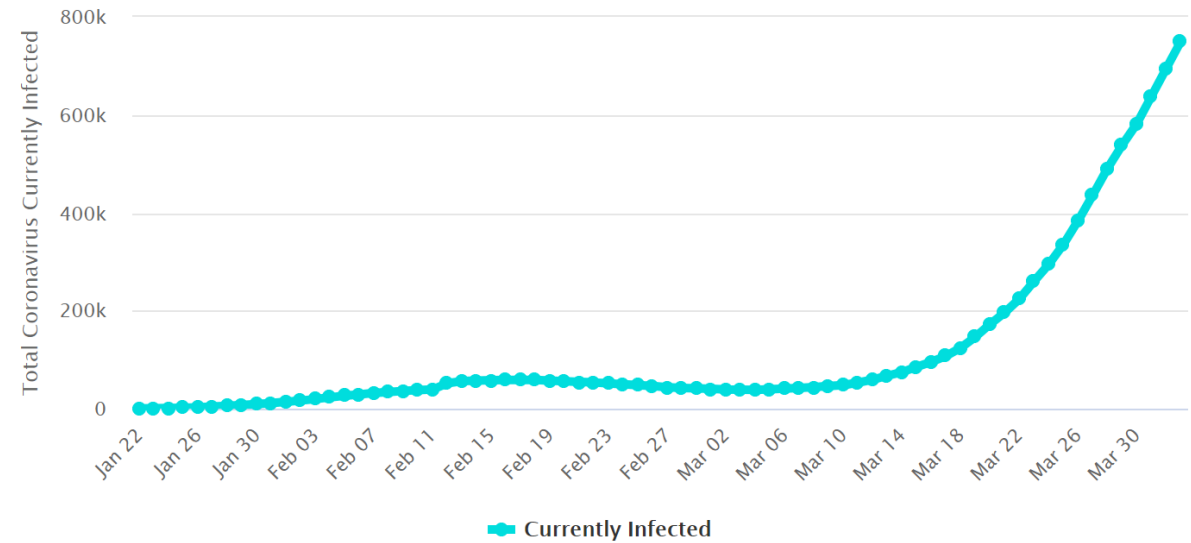
Cases per Day
Data as of 0:00 GMT+0



Worldwide

Active Cases

(Number of Infected People)



3-Day Moving Average Trendline

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

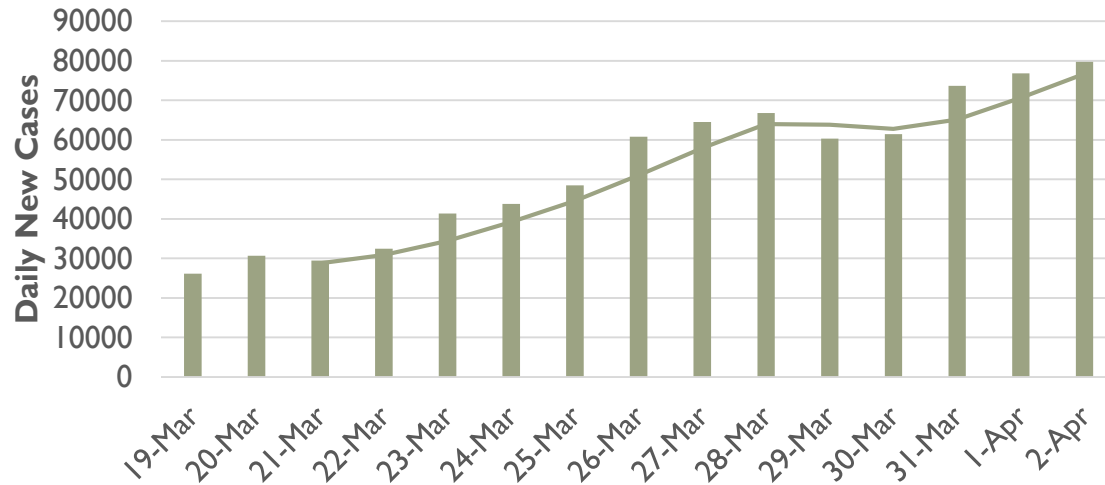


Table I.a

GROWTH IN NEW CASES SINCE THE DAY BEFORE

	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	4/1	4/2
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	1.070	1.128
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	1.180	0.976
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	1.029	0.970
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	1.254	1.104
China	1.15	1.051	1.122	0.848	2.000	0.603	1.426	0.821	0.982	0.833	0.000	---	0.456	0.972	0.000
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	0.641	0.435
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	0.961	0.962
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	1.437	0.981
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	1.703	0.911
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	0.808	0.881
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	1.813	0.621
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	1.700	0.794
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	1.043	1.037

Table 1.b

AVERAGE GROWTH OF LAST FIVE DAYS

	3/23-27	3/24-28	3/25-29	3/26-30	3/27-31	3/28-4/1	3/29-4/2
USA	1.152	1.142	1.129	1.092	1.077	1.074	1.092
Italy	1.019	1.049	1.004	0.961	0.923	0.968	0.961
Spain	1.236	1.036	1.002	1.014	0.996	1.009	1.014
Germany	1.257	1.120	1.071	1.039	0.954	0.996	1.019
China	1.166	0.933	0.812	0.659	0.568	0.565	0.357
France	1.321	1.071	1.056	1.154	1.232	1.166	1.011
Iran	1.236	1.172	1.111	1.080	1.059	1.006	0.988
UK	1.354	1.239	1.135	1.147	1.084	1.100	1.120
Switzerland	1.208	0.982	0.949	1.051	0.996	1.093	1.069
S Korea	1.014	1.205	1.111	0.996	1.109	1.095	0.951
Cyprus	1.237	1.067	1.403	1.294	1.344	1.478	1.390
Hawaii	1.347	1.290	1.305	1.461	1.232	1.317	1.033
Worldwide	1.151	1.103	1.072	1.054	1.043	1.040	1.040

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	4/1	4/2
USA	0.701	0.796	0.921	0.865	0.806	0.879	0.949	0.972	0.978	0.876	0.901	0.905
Italy	0.920	0.859	0.793	0.775	0.847	0.881	0.919	0.869	0.775	0.677	0.655	0.686
Spain	0.908	0.710	0.798	0.927	0.913	0.954	0.956	0.900	0.896	0.914	0.968	0.972
Germany	0.703	0.678	0.782	0.917	0.750	0.860	0.979	0.889	0.770	0.679	0.747	0.861
China	0.003	0.004	0.004	0.005	0.004	0.004	0.004	0.002	0.003	0.003	0.004	0.002
France	0.900	0.629	0.681	0.800	0.790	0.906	0.892	0.797	0.838	0.640	0.740	0.640
Iran	0.789	0.804	0.795	0.813	0.887	0.857	0.909	0.965	0.959	0.962	0.971	0.939
UK	0.777	0.859	0.715	0.883	0.784	0.747	0.873	0.909	0.878	0.893	0.767	0.892
Switzerland	0.778	0.761	0.721	0.819	0.722	0.730	0.761	0.722	0.716	0.605	0.703	0.695
S Korea	0.130	0.121	0.093	0.094	0.110	0.116	0.134	0.134	0.129	0.121	0.119	0.123
Cyprus	0.718	0.651	0.635	0.587	0.476	0.603	0.746	0.648	0.648	0.790	0.609	0.724
Hawaii	0.909	0.650	0.700	0.667	0.517	0.517	0.602	0.742	0.903	0.785	0.814	0.794
Worldwide	0.950	0.832	0.896	0.919	0.839	0.898	0.959	0.956	0.941	0.884	0.919	0.963