

COVID-19 Cases

As of Friday 4/17/2020, 6:00PM HST

Statistics regarding daily new cases and active cases of the eight countries that has the highest number of total cases, Switzerland, Austria, Israel, South Korea, Australia, and Cyprus.

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

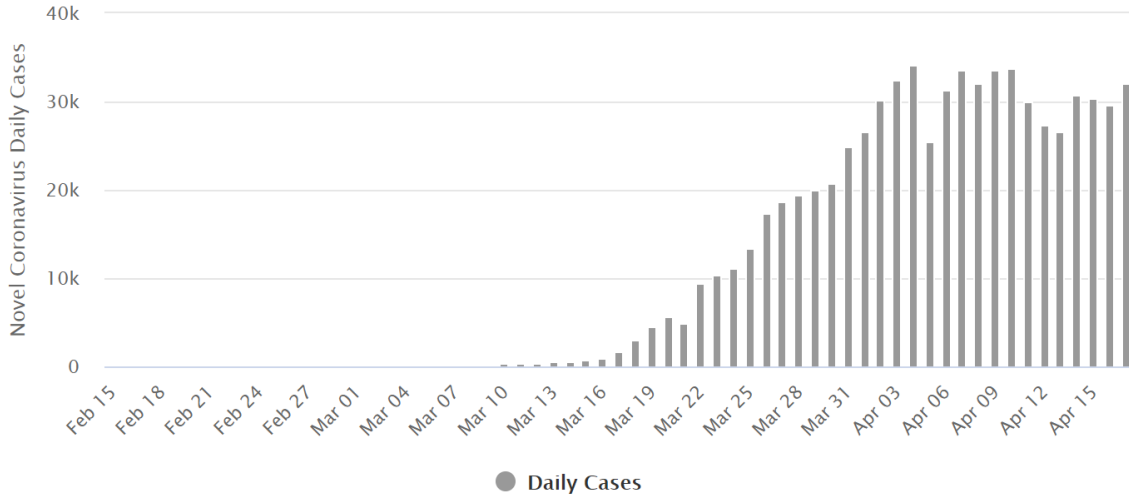
Statistics regarding daily new cases are also included for Hawaii.

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

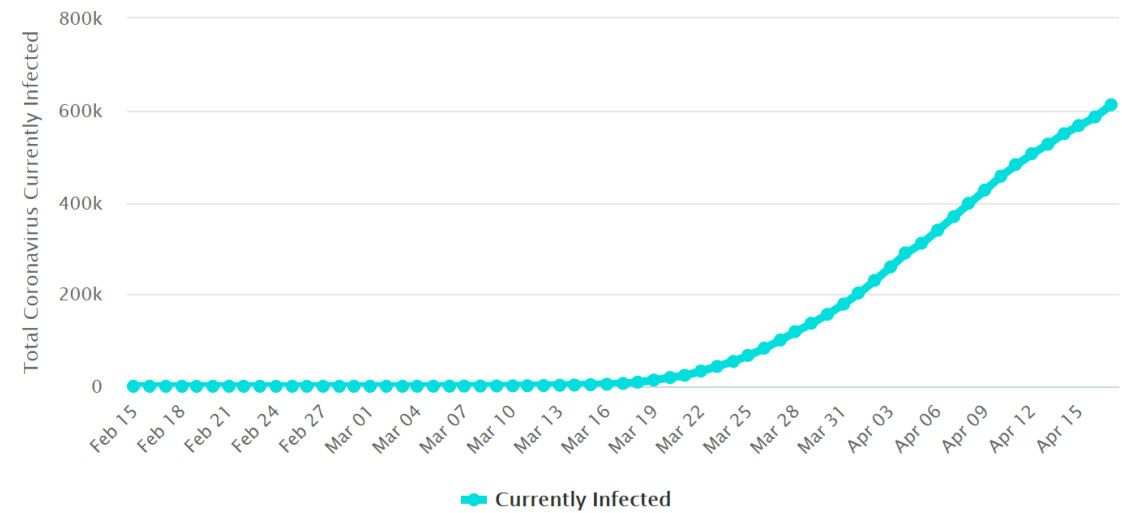


1. USA

Active Cases in the United States

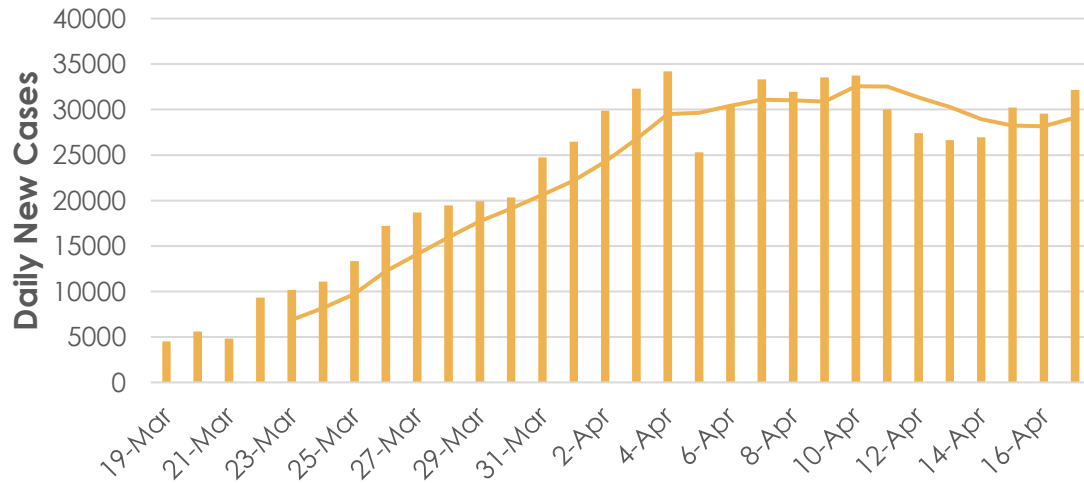
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

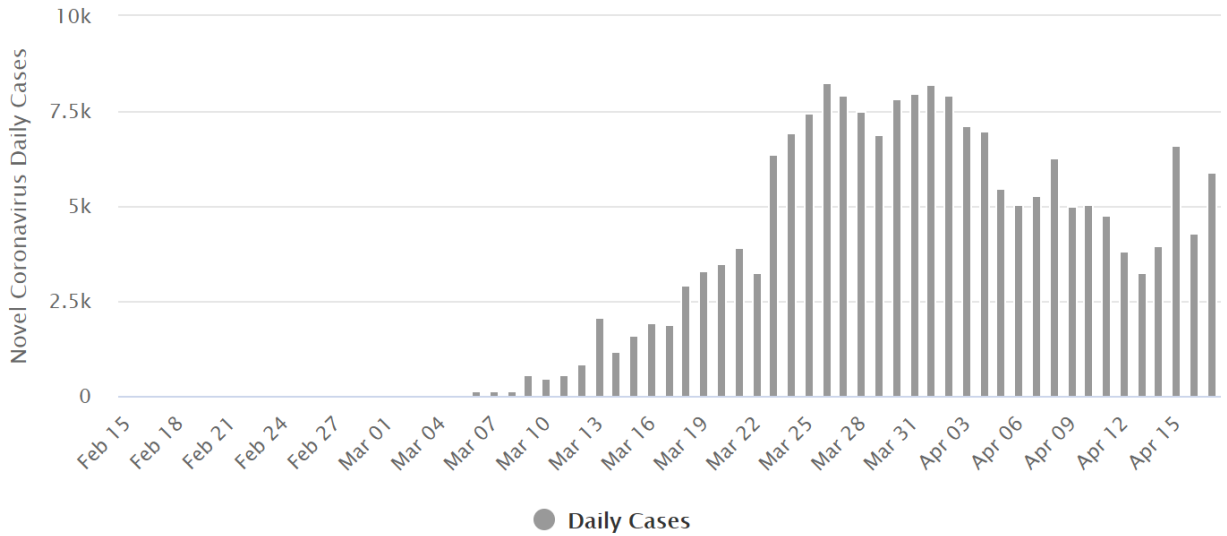
USA 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Spain

Daily New Cases

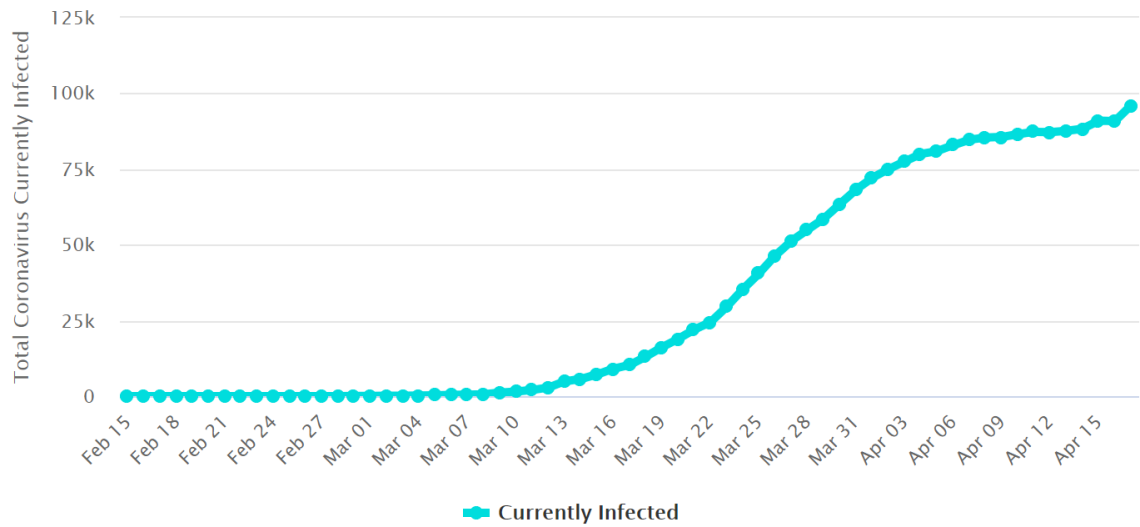
Cases per Day
Data as of 0:00 GMT+0



2. Spain

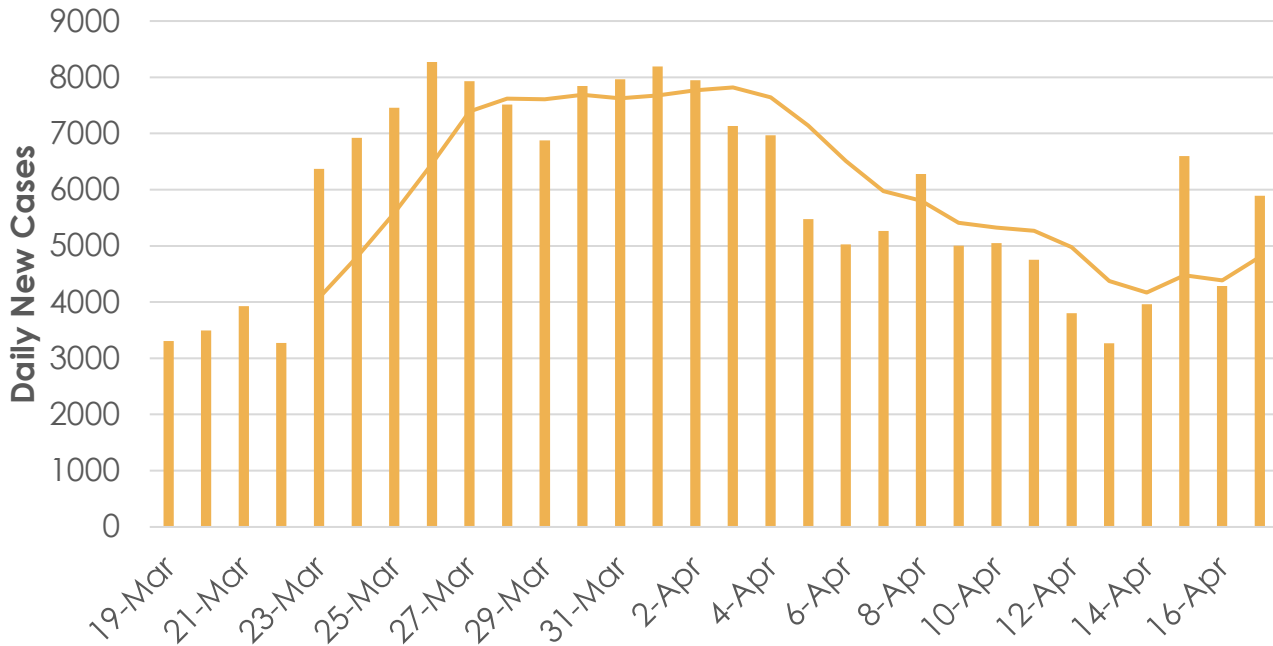
Active Cases in Spain

Active Cases
(Number of Infected People)



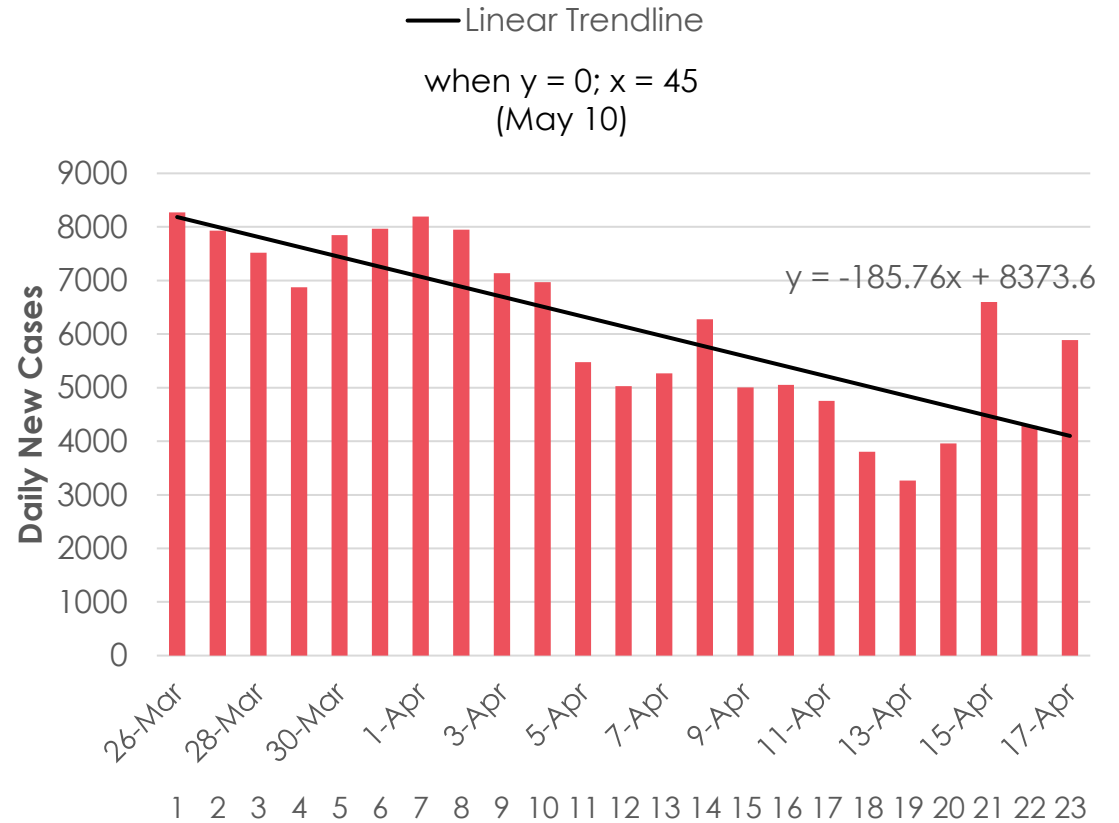
5-Day Moving Average Trendline

Spain 5 per. Mov. Avg. (Daily New Cases)



Trendlines for Spain

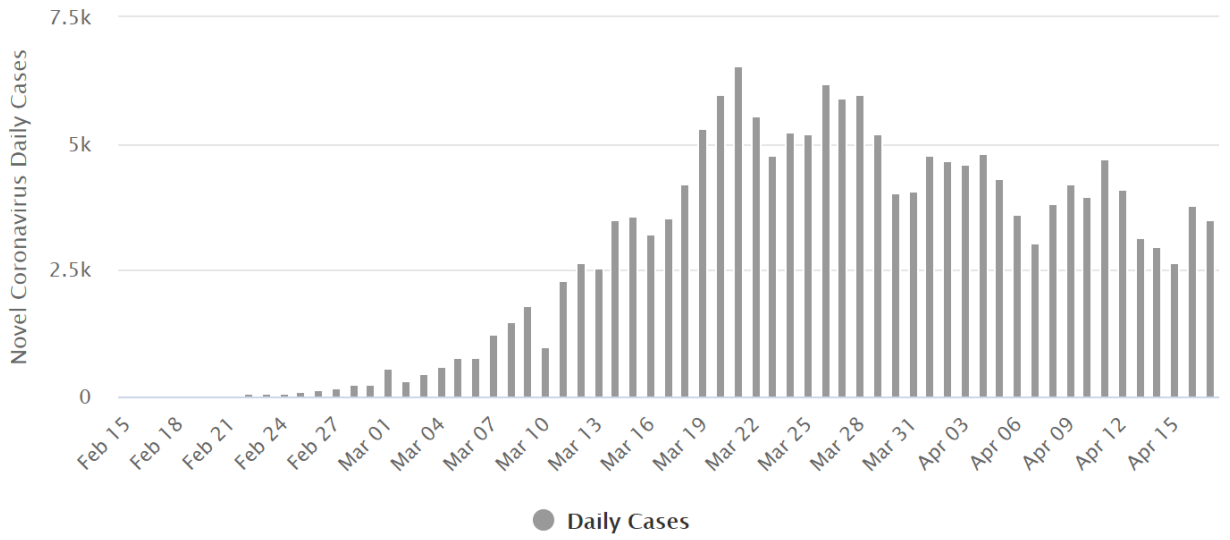
Spain Bar Chart of Daily New Cases from Peak till Today



Daily New Cases in Italy

Daily New Cases

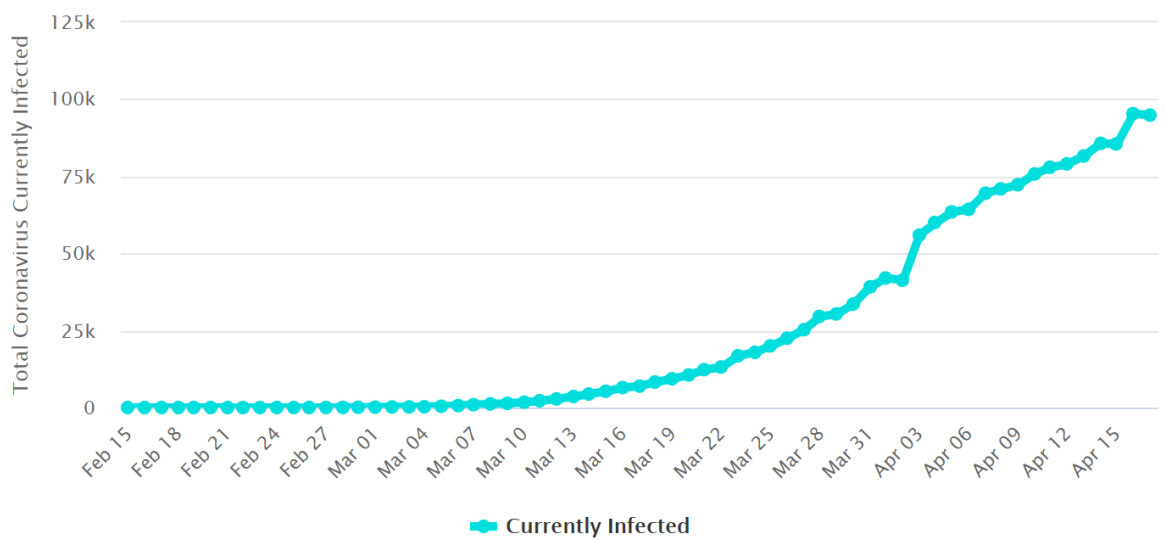
Cases per Day
Data as of 0:00 GMT+0



3. Italy

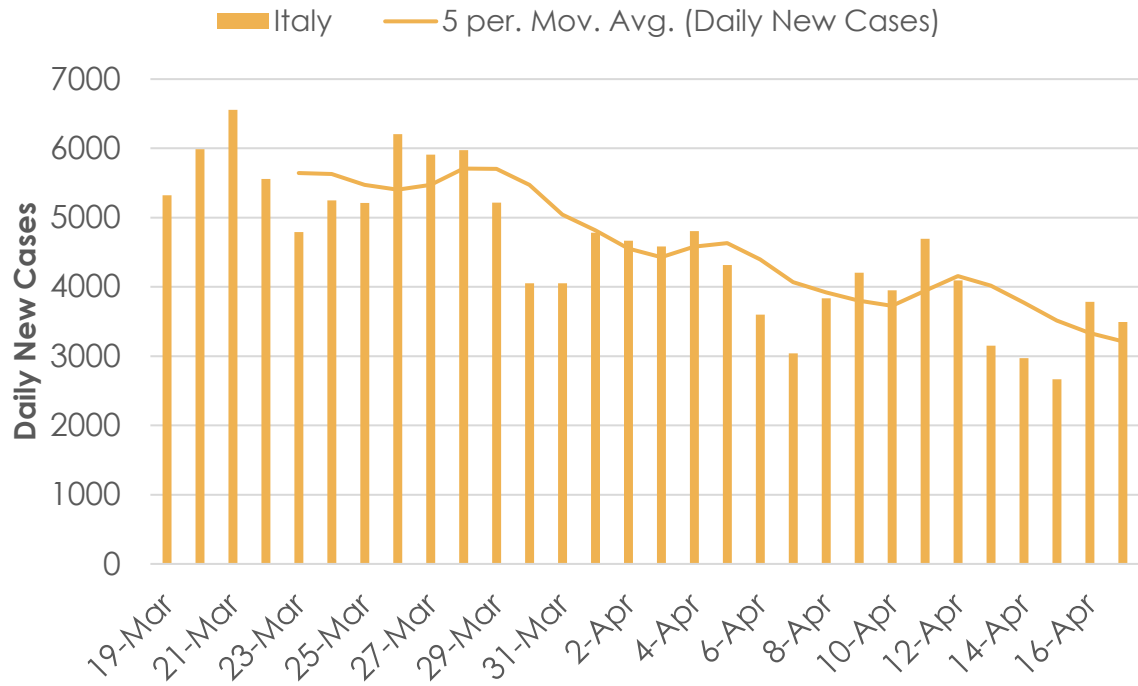
Active Cases in France

Active Cases
(Number of Infected People)

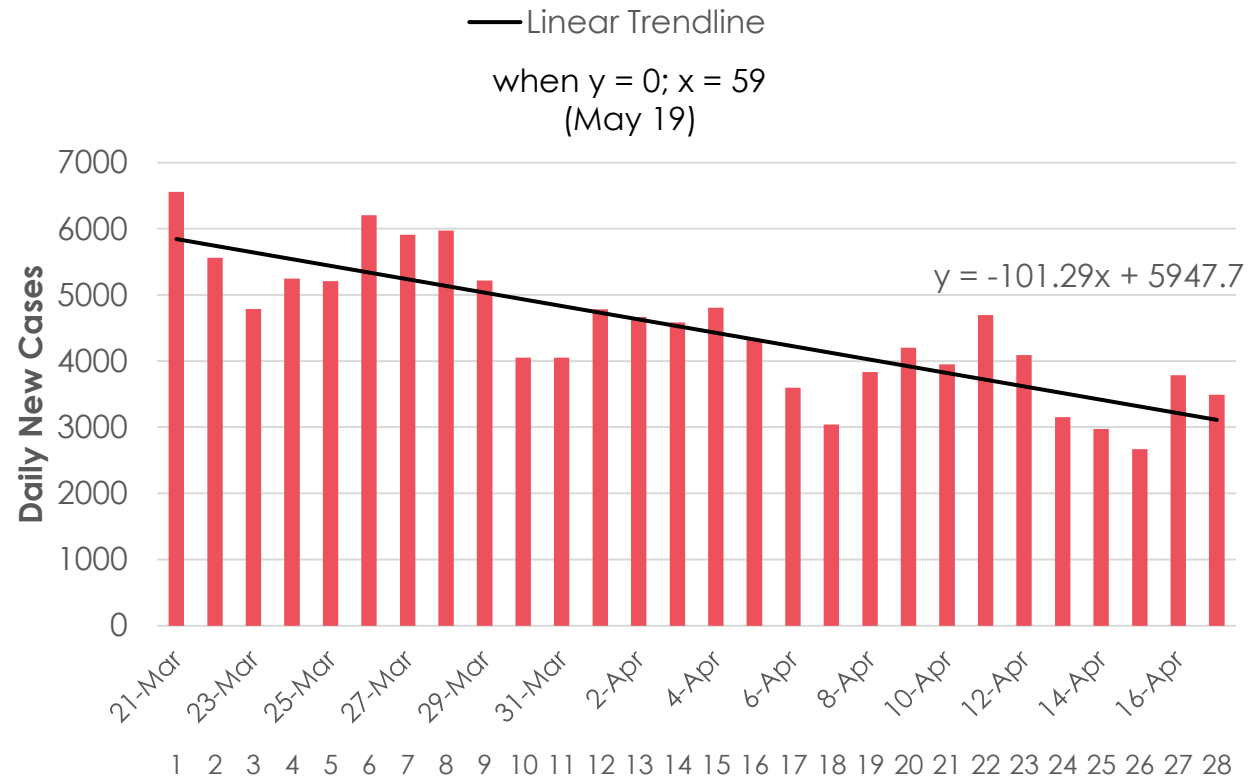


Trendlines for Italy

5-Day Moving Average Trendline



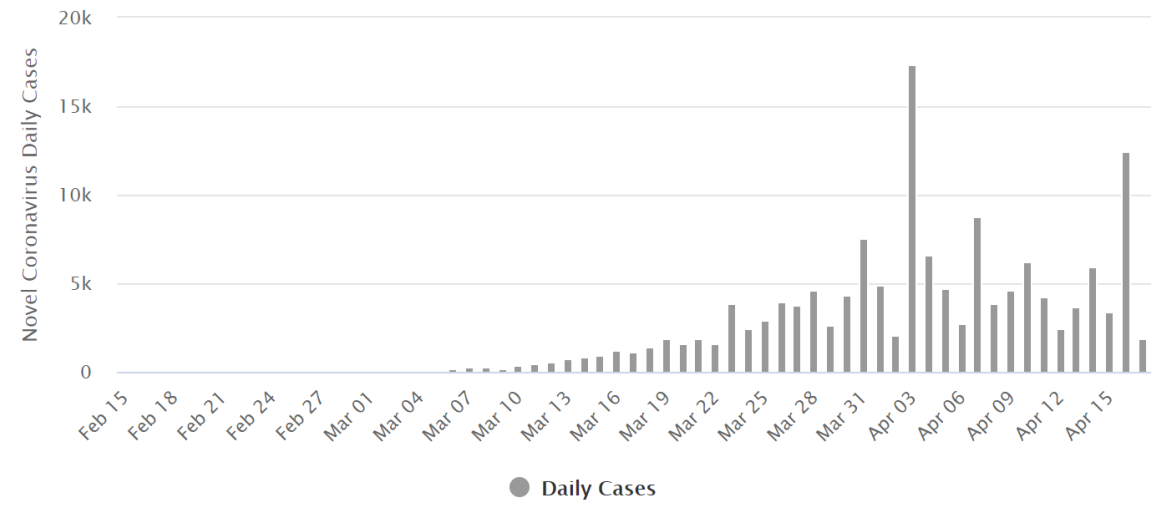
Italy Bar Chart of Daily New Cases from Peak till Today



Daily New Cases in France

Daily New Cases

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



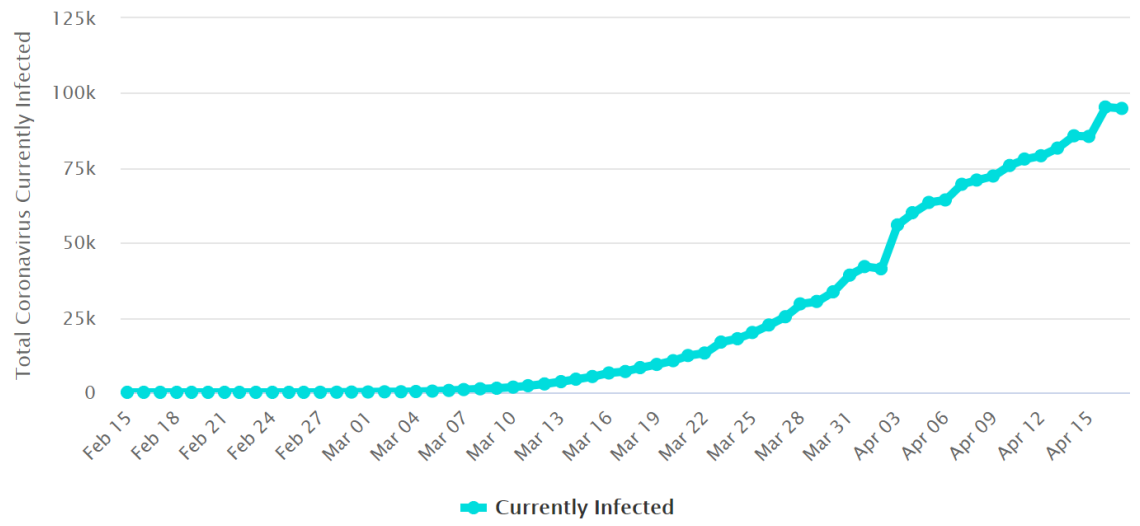
4. France

Note: The numbers for the “Daily New Cases” for the period of 4/3 – 4/16 were changed on April 17 on *Worldometers*.

Active Cases in France

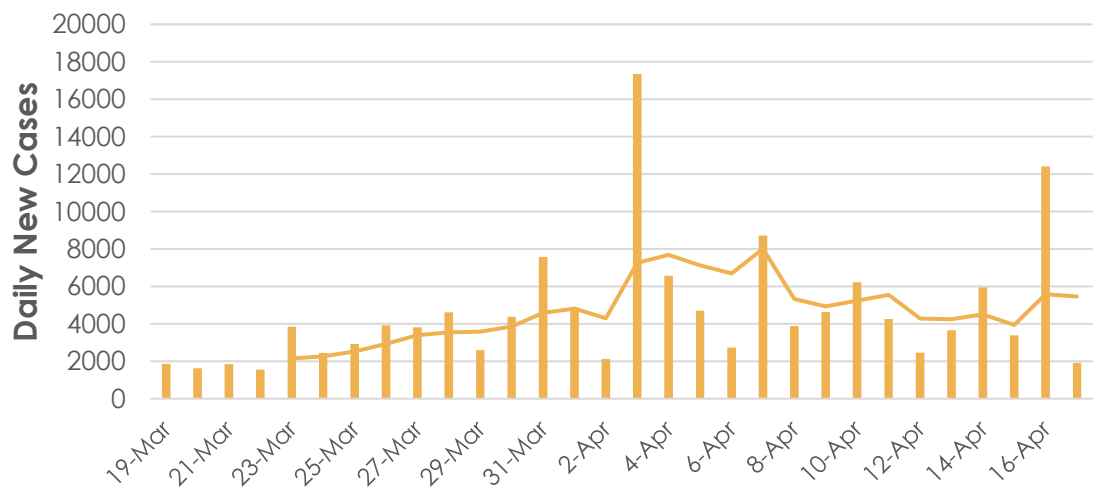
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

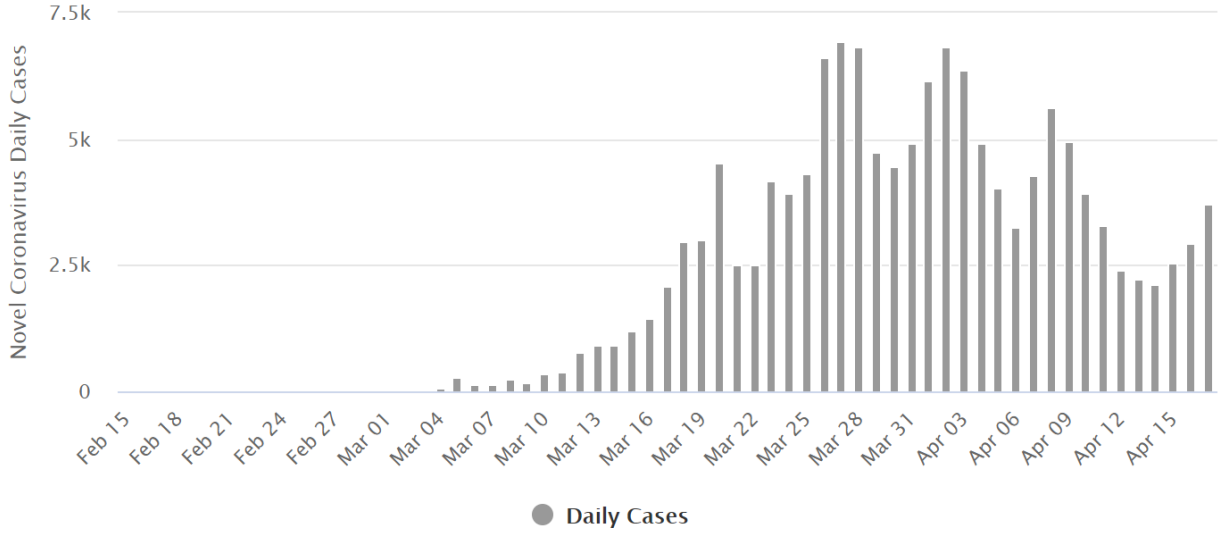
France 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Germany

Daily New Cases

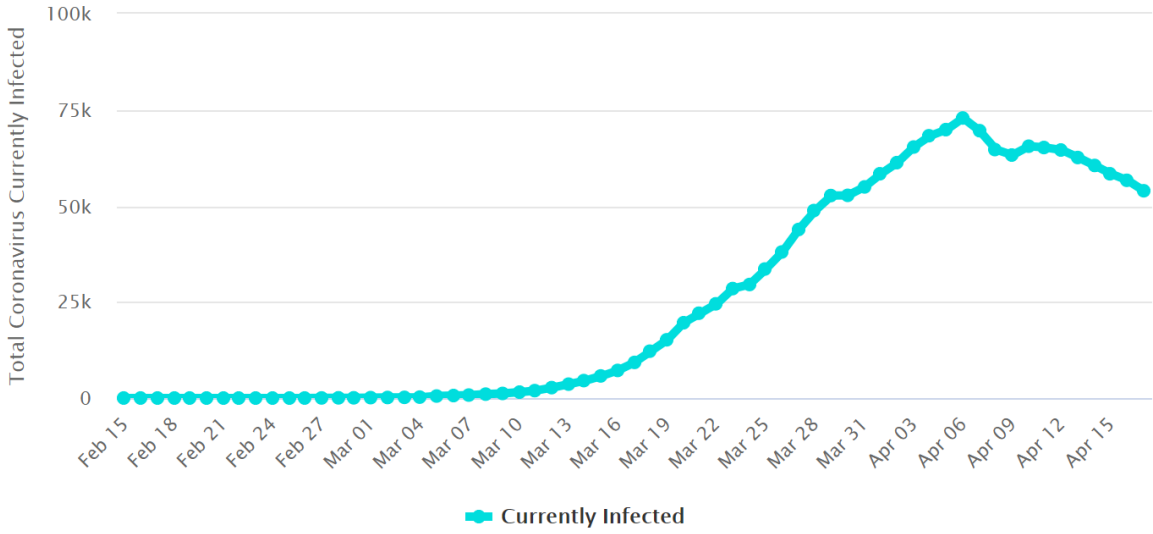
Cases per Day
Data as of 0:00 GMT+0

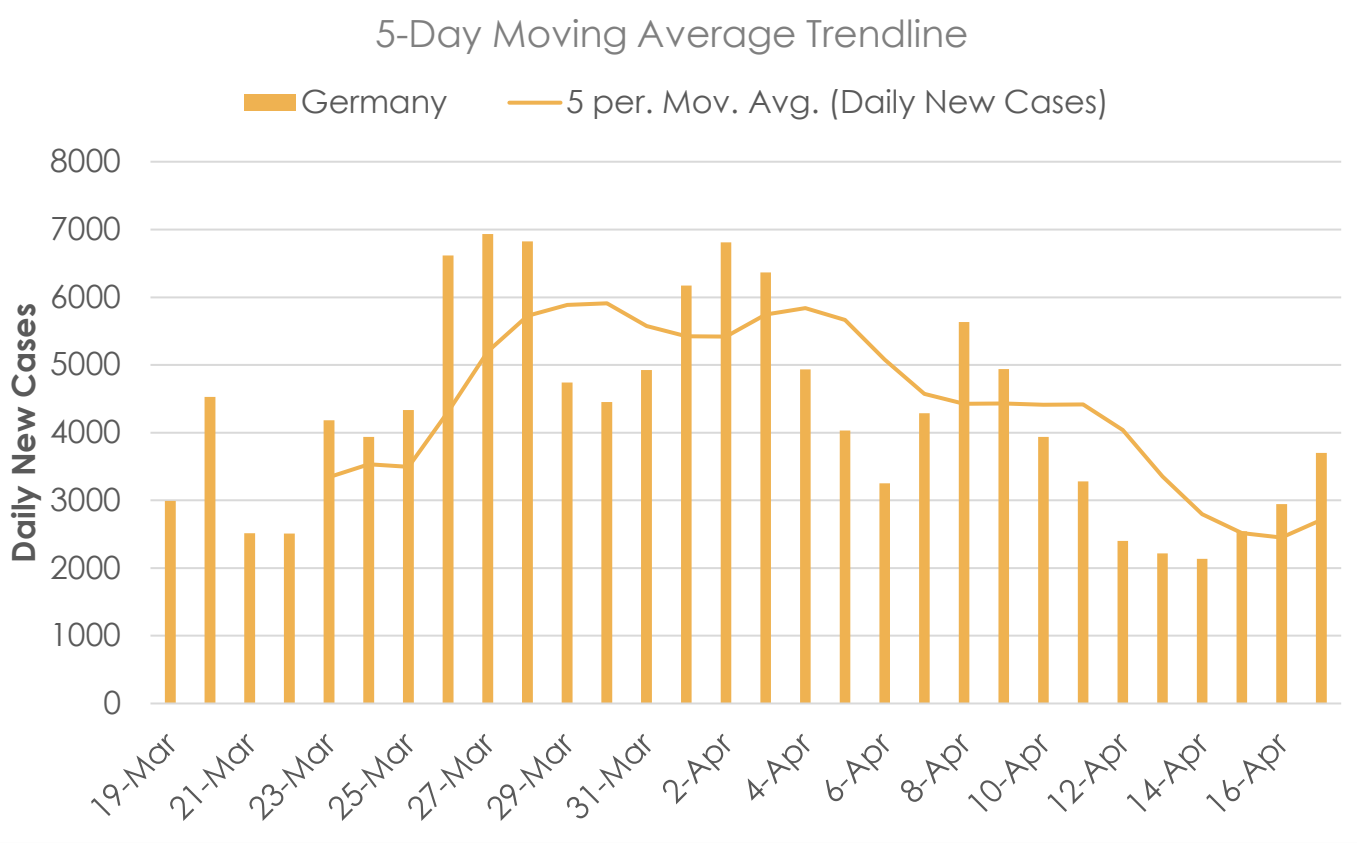


5. Germany

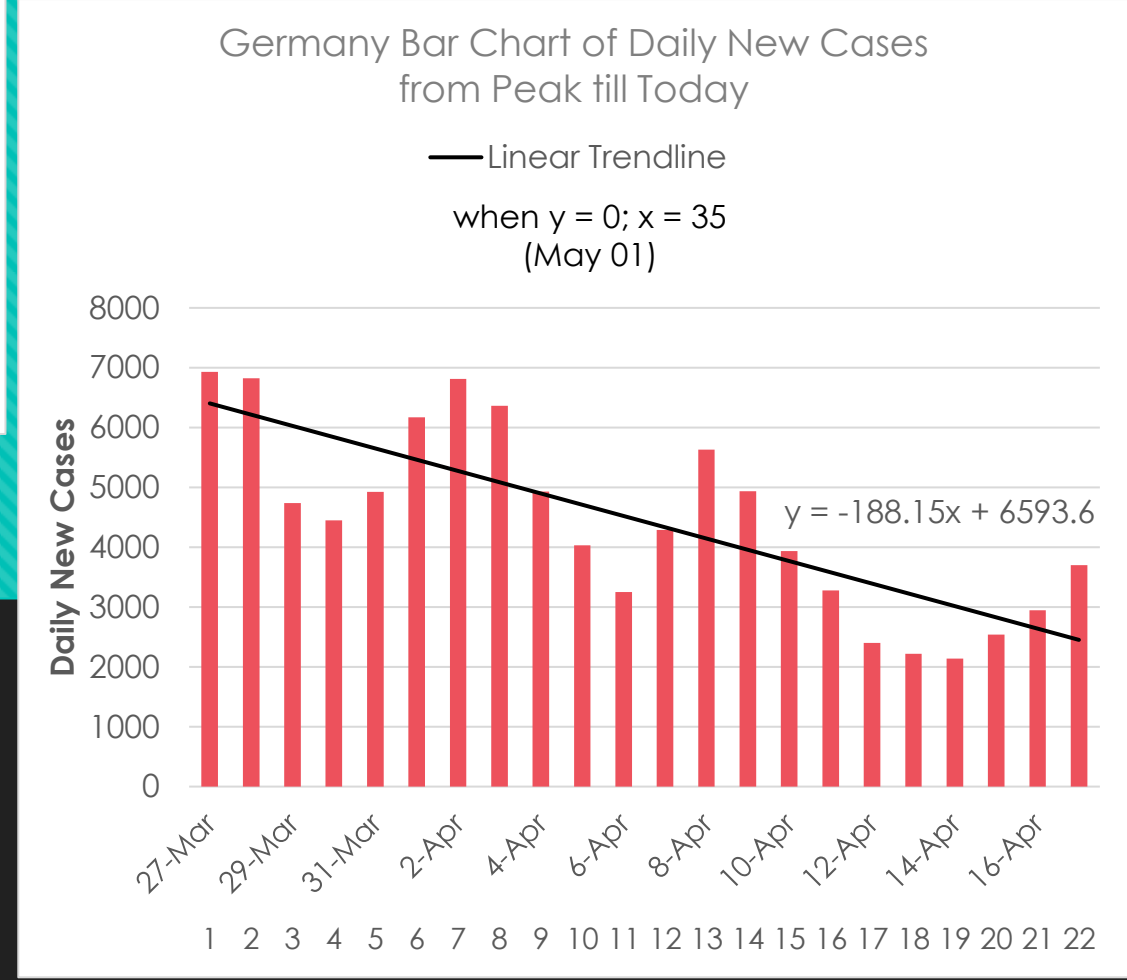
Active Cases in Germany

Active Cases
(Number of Infected People)





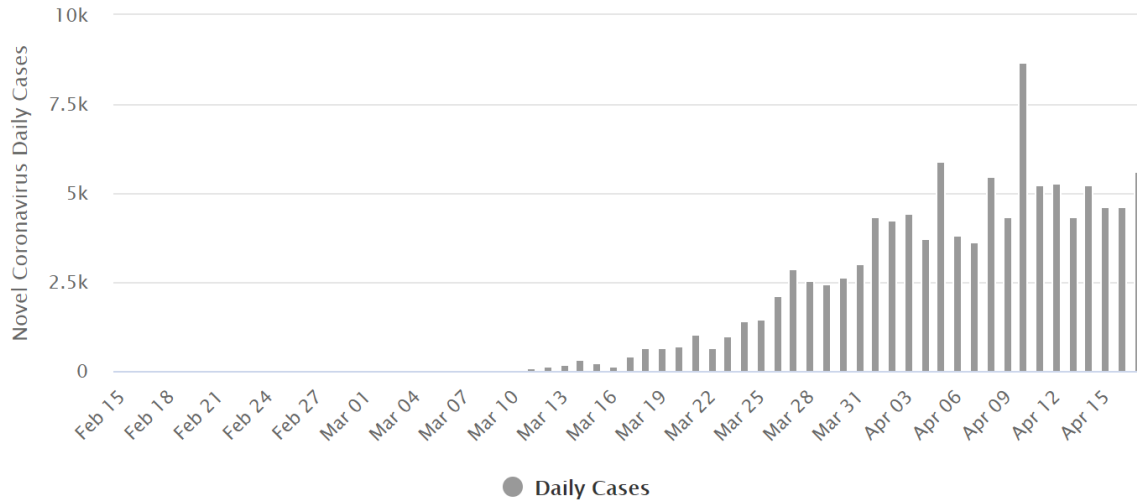
Trendlines for Germany



Daily New Cases in the United Kingdom

Daily New Cases

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

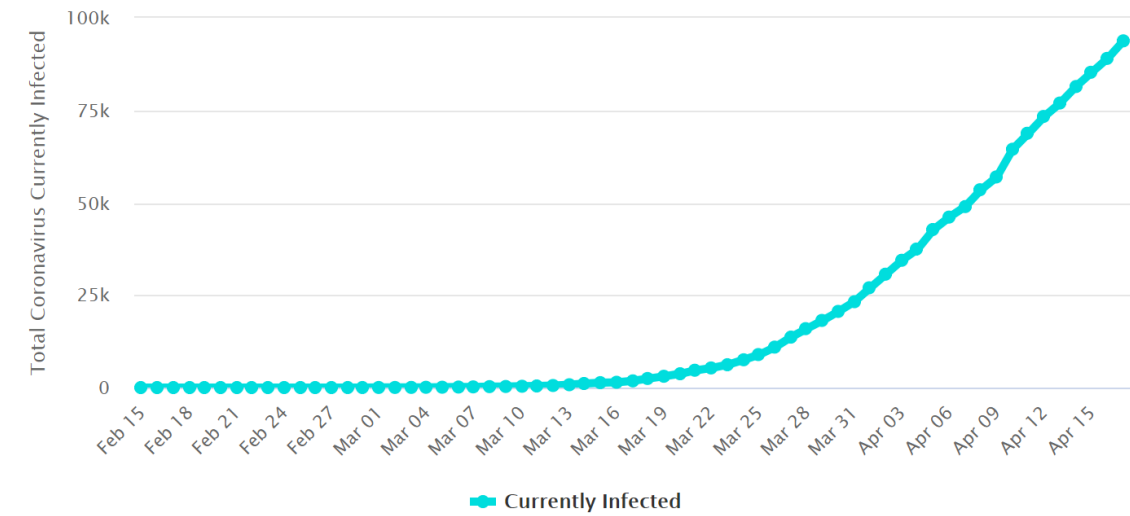


6. UK

Active Cases in the United Kingdom

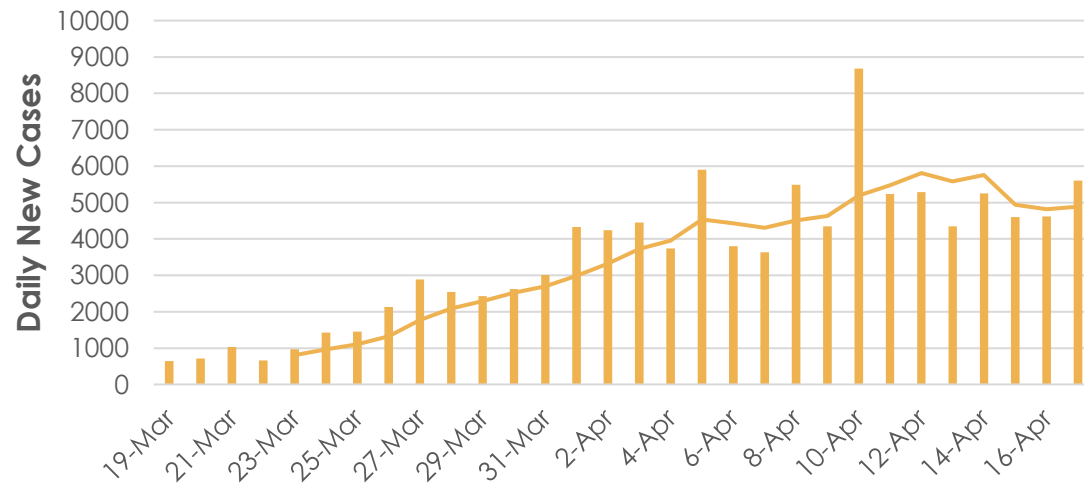
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

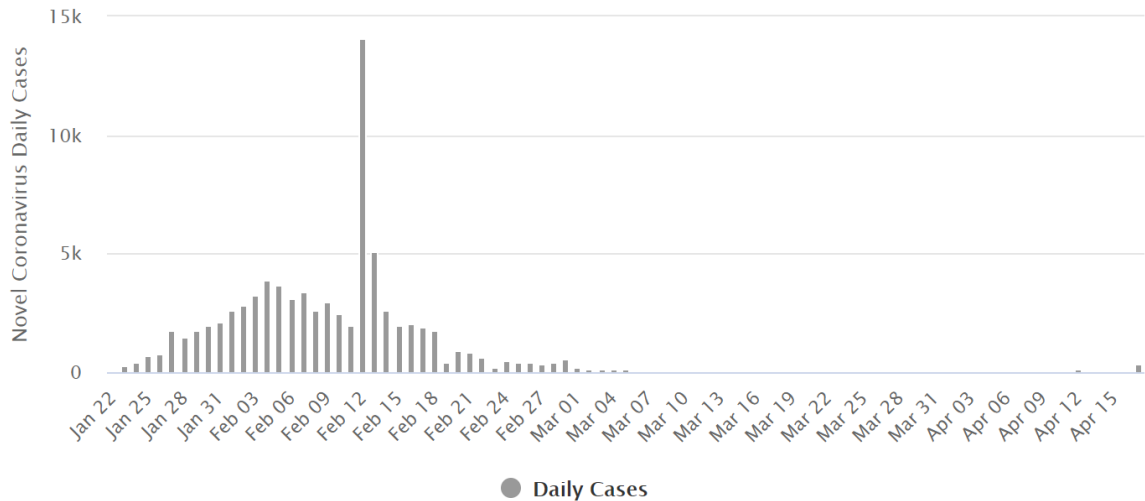
UK 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in China

Daily New Cases

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

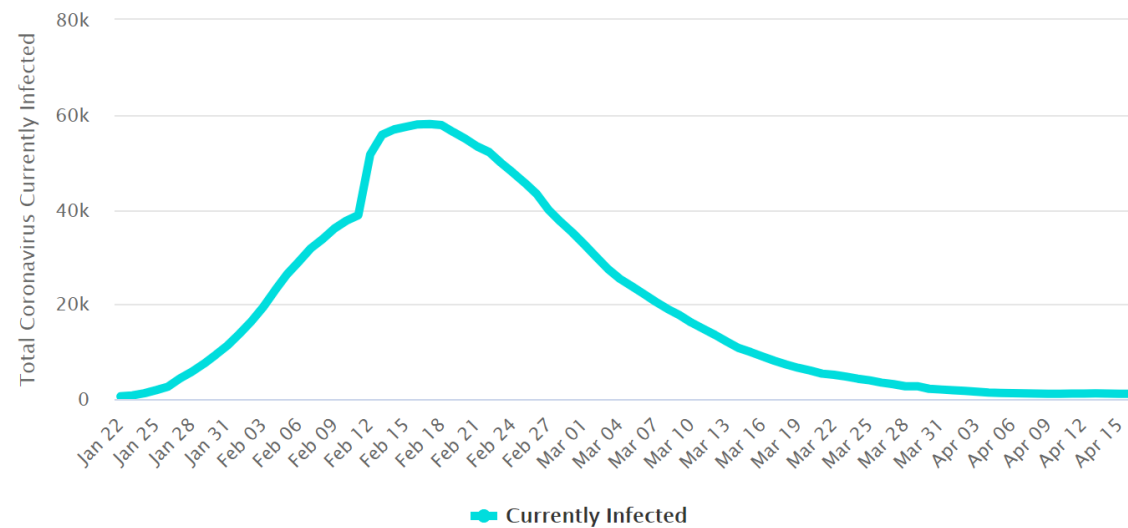


7. China

Active Cases in China

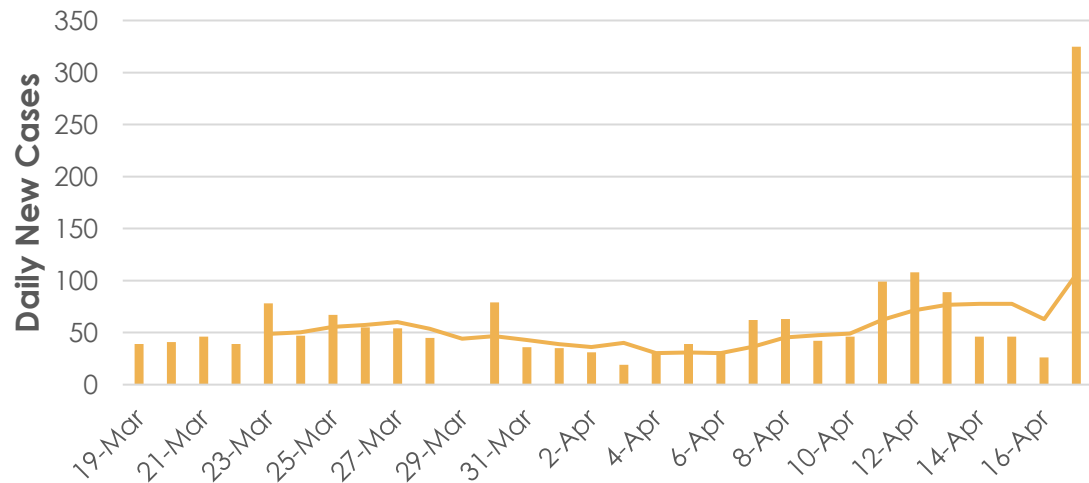
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

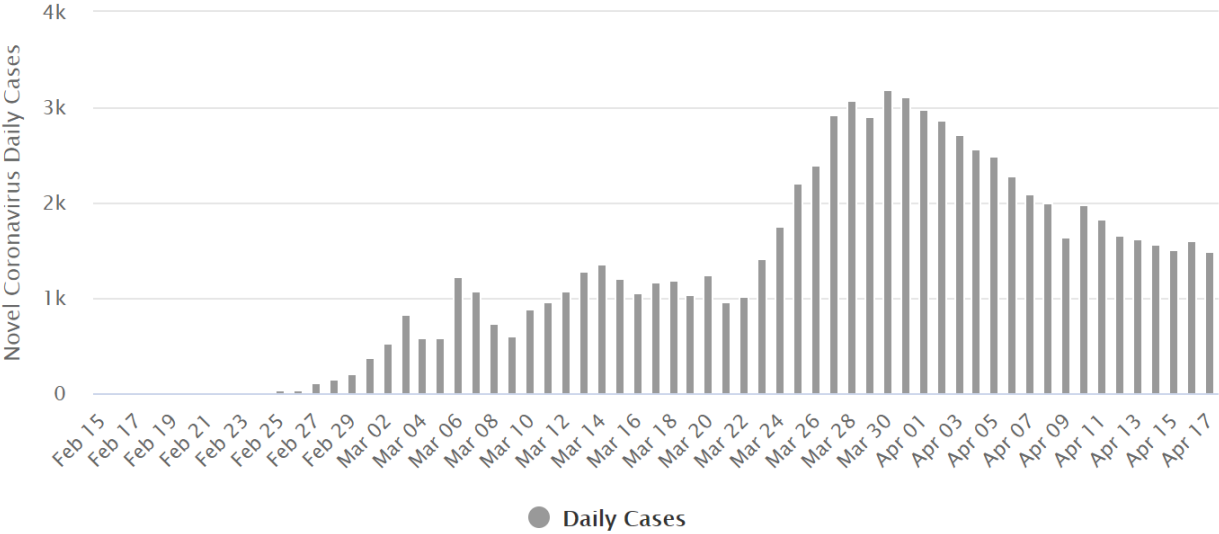
China 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Iran

Daily New Cases

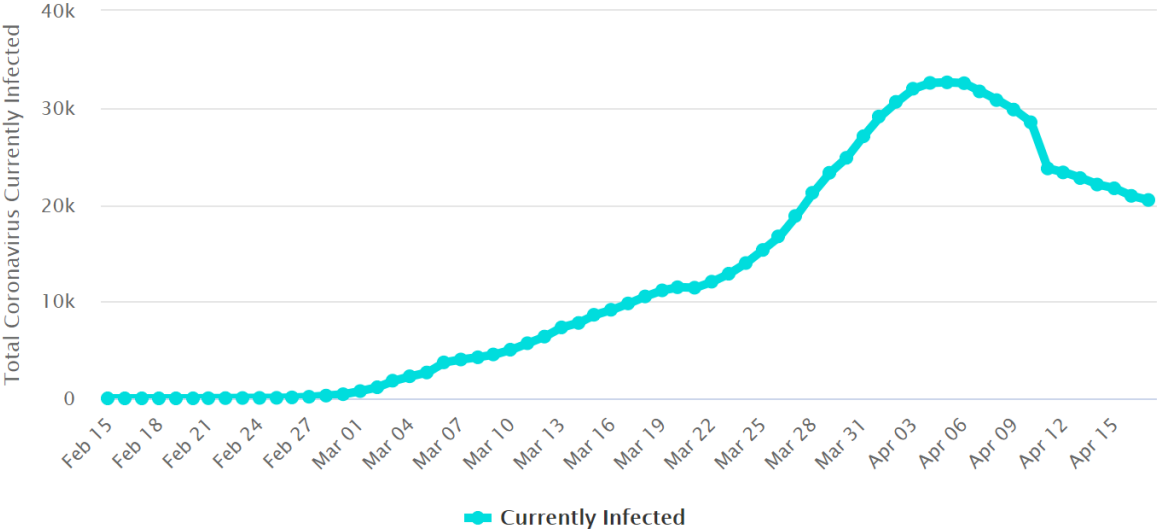
Cases per Day
Data as of 0:00 GMT+0



8. Iran

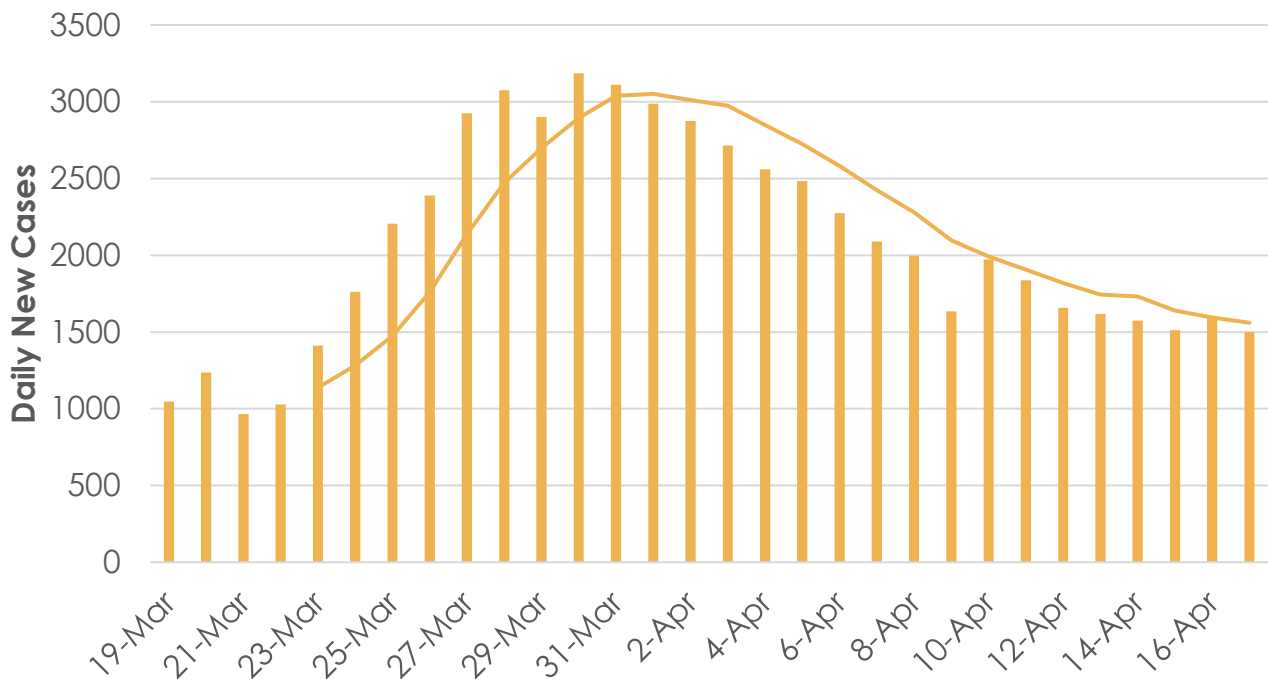
Active Cases in Iran

Active Cases
(Number of Infected People)



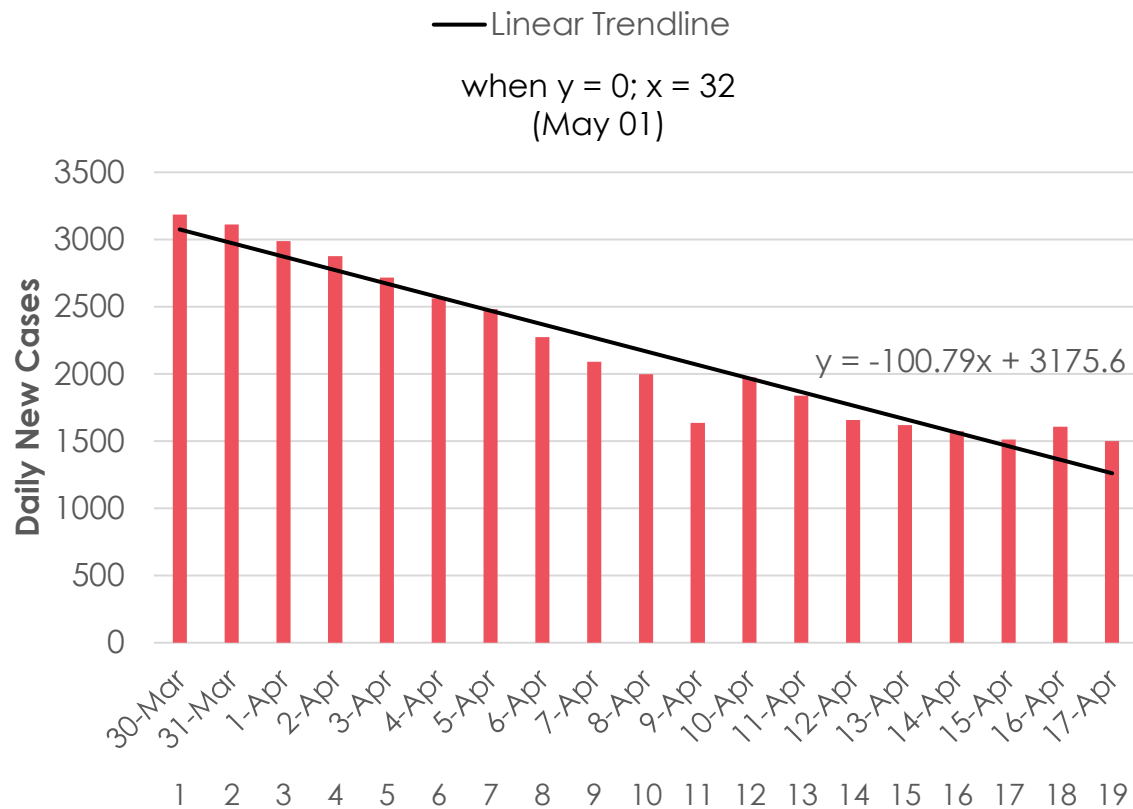
5-Day Moving Average Trendline

Iran 5 per. Mov. Avg. (Daily New Cases)



Trendlines for Iran

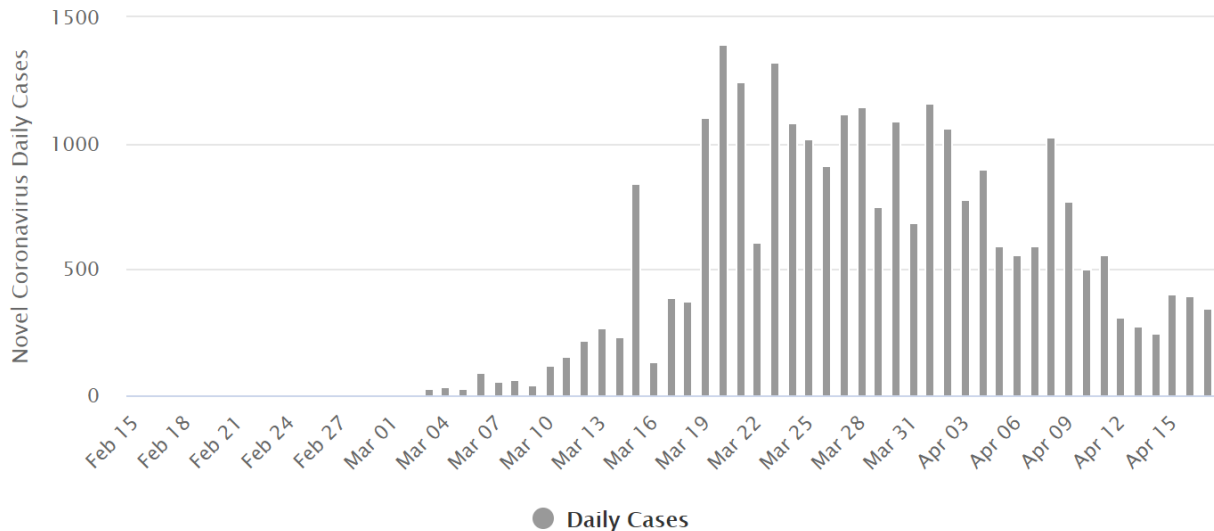
Iran Bar Chart of Daily New Cases from Peak Till Today



Daily New Cases in Switzerland

Daily New Cases

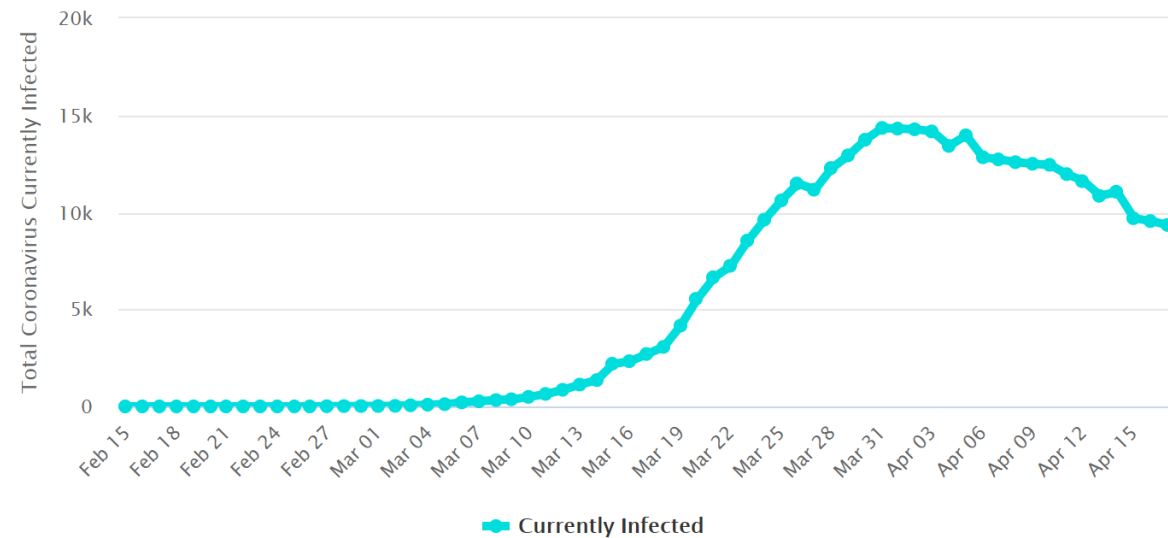
Cases per Day
Data as of 0:00 GMT+0



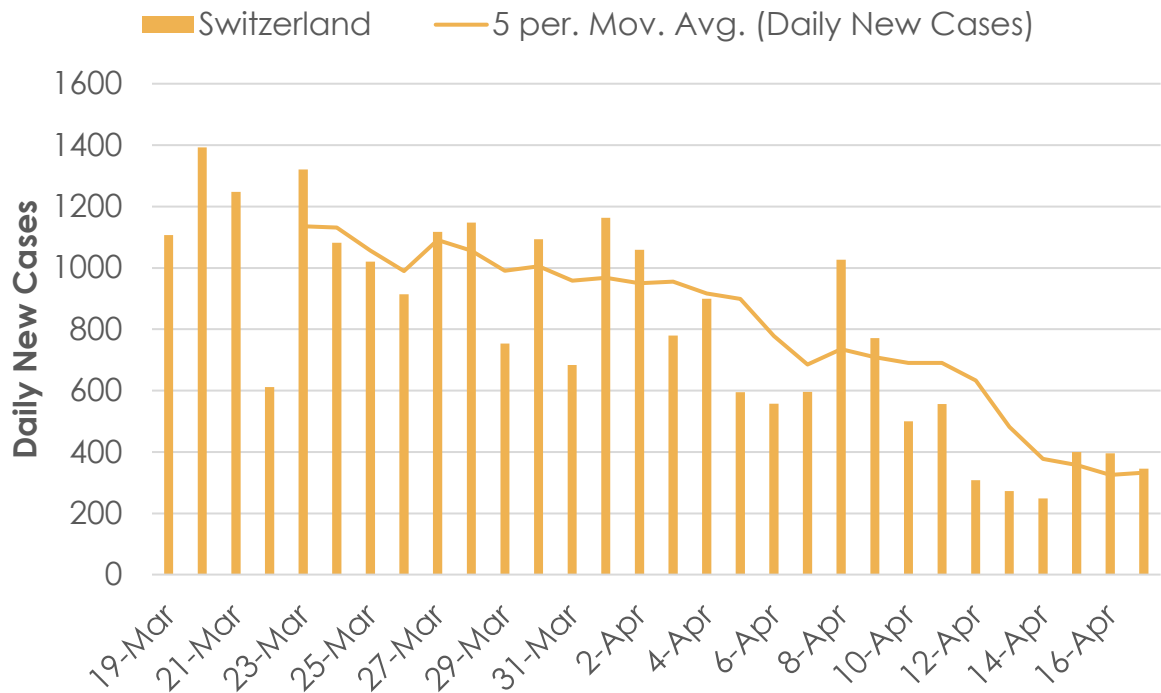
Switzerland

Active Cases in Switzerland

Active Cases
(Number of Infected People)

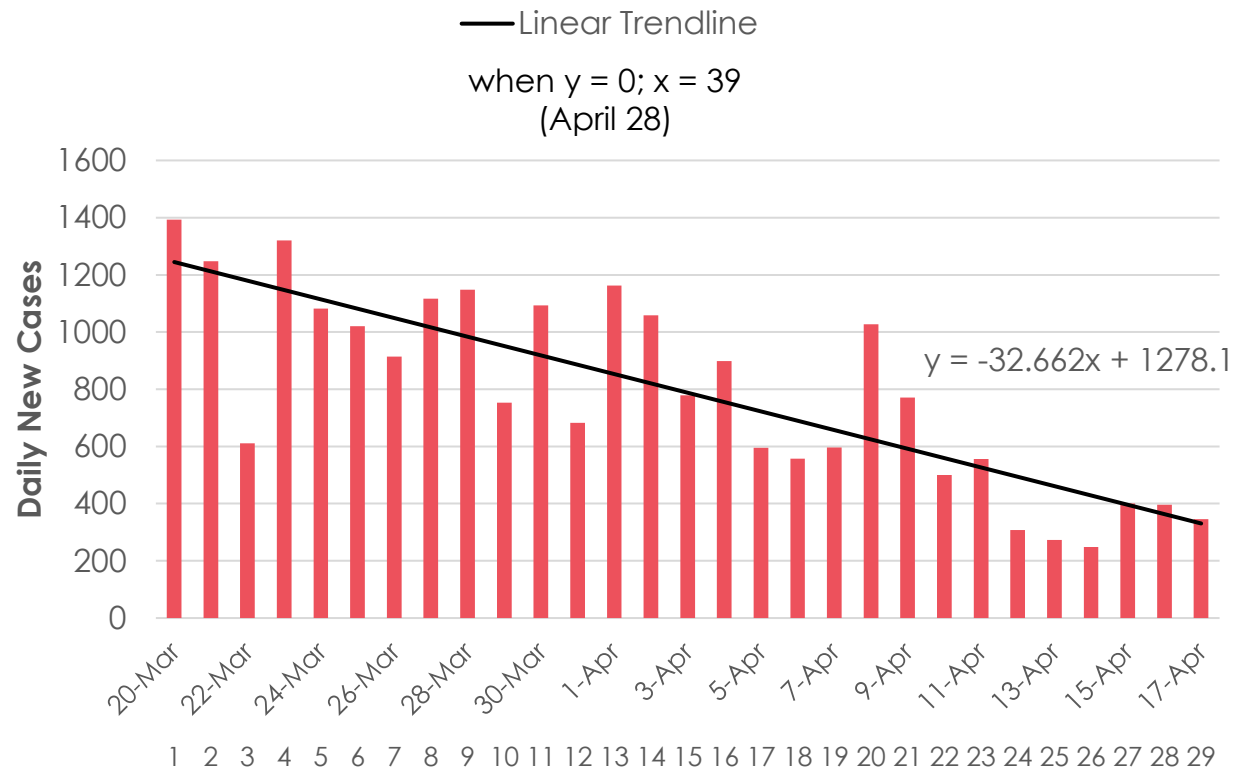


5-Day Moving Average Trendline



Trendlines for Switzerland

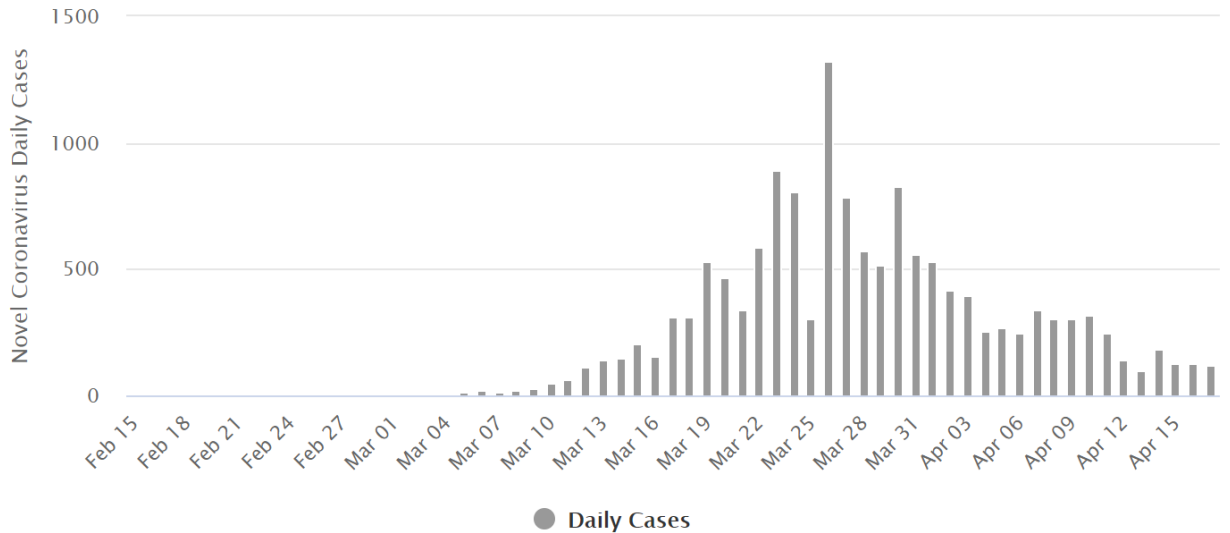
Switzerland Bar Chart of Daily New Cases from Peak till Today



Daily New Cases in Austria

Daily New Cases

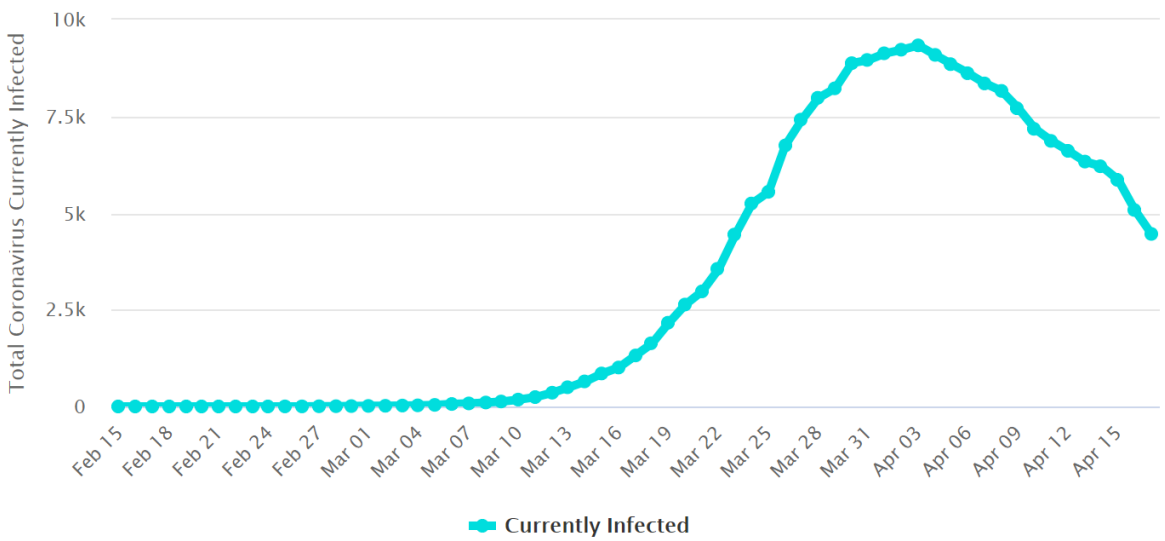
Cases per Day
Data as of 0:00 GMT+0



Austria

Active Cases in Austria

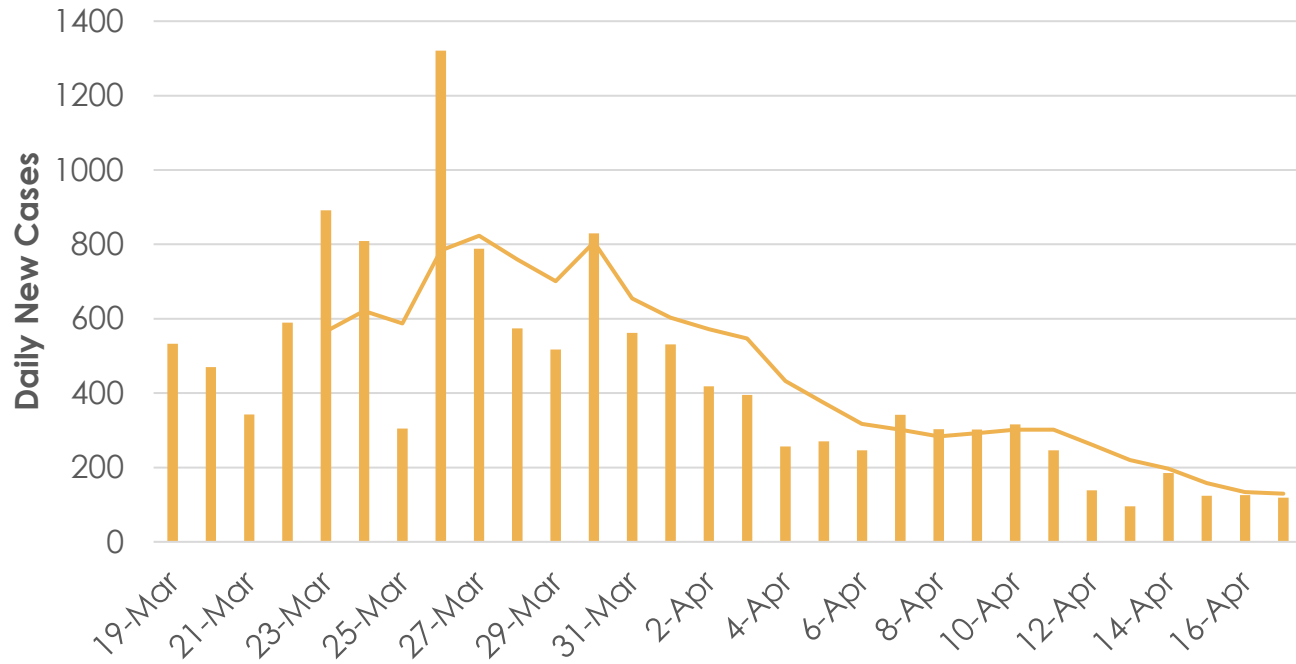
Active Cases
(Number of Infected People)



Trendlines for Austria

5-Day Moving Average Trendline

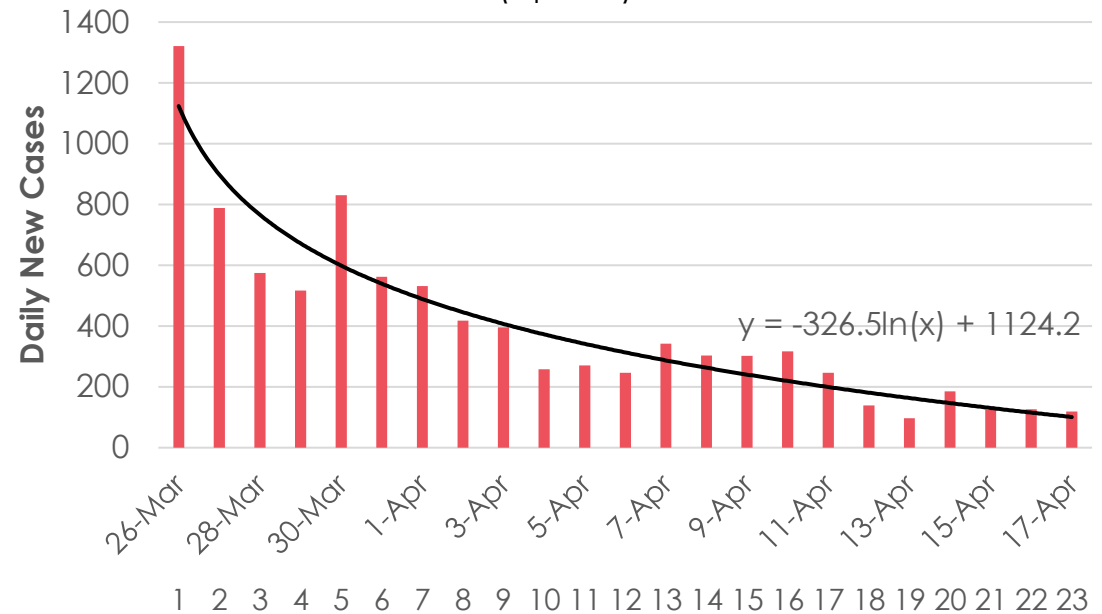
Austria 5 per. Mov. Avg. (Daily New Cases)



Austria Bar Chart of Daily New Cases from Peak till Today

Logarithmic Trendline

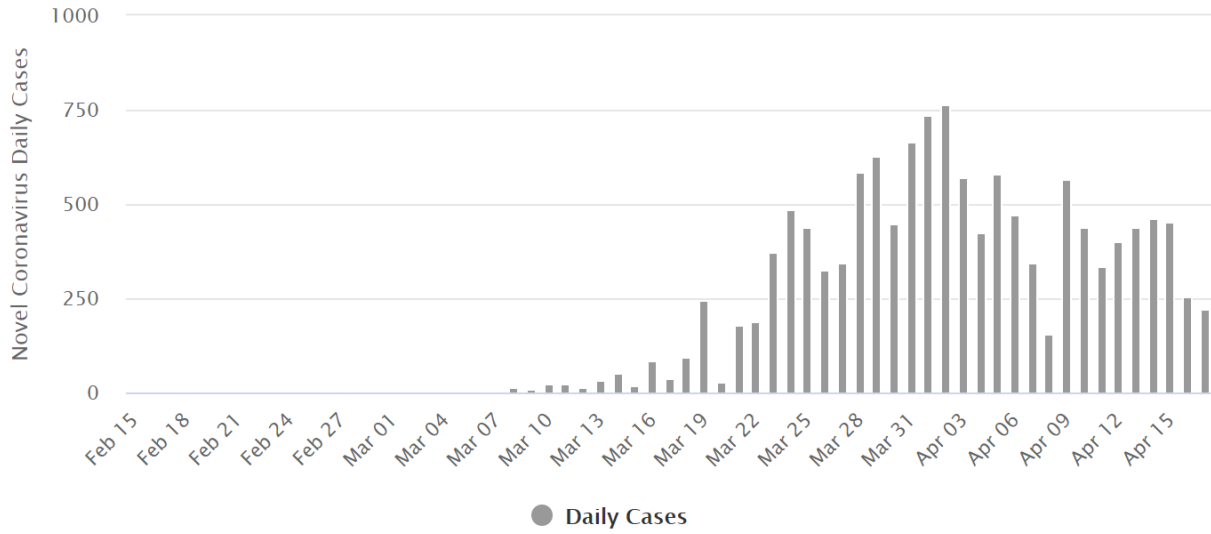
when $y = 0$; $x = 31$
(April 26)



Daily New Cases in Israel

Daily New Cases

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

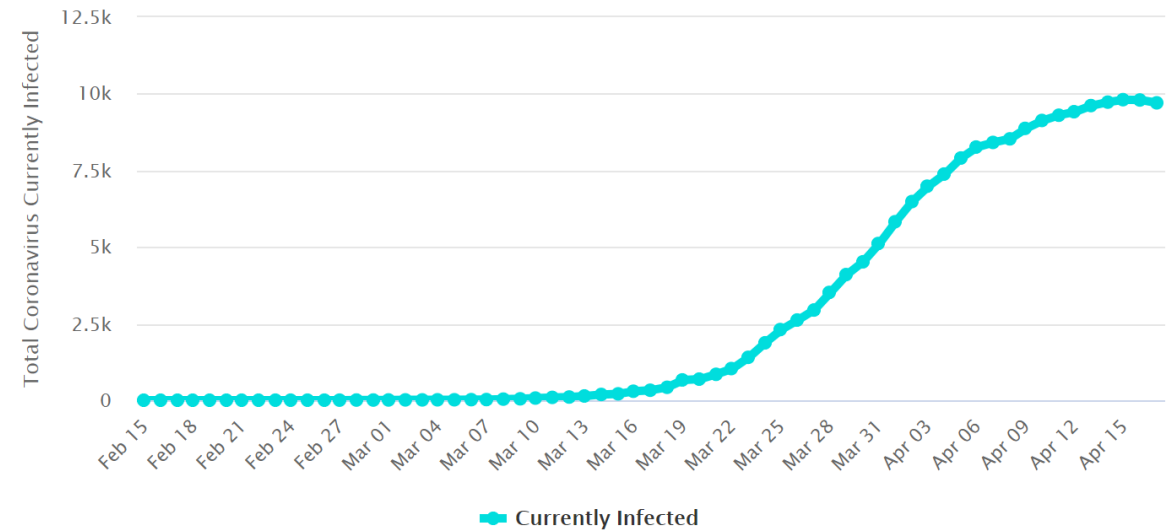


Israel

Active Cases in Israel

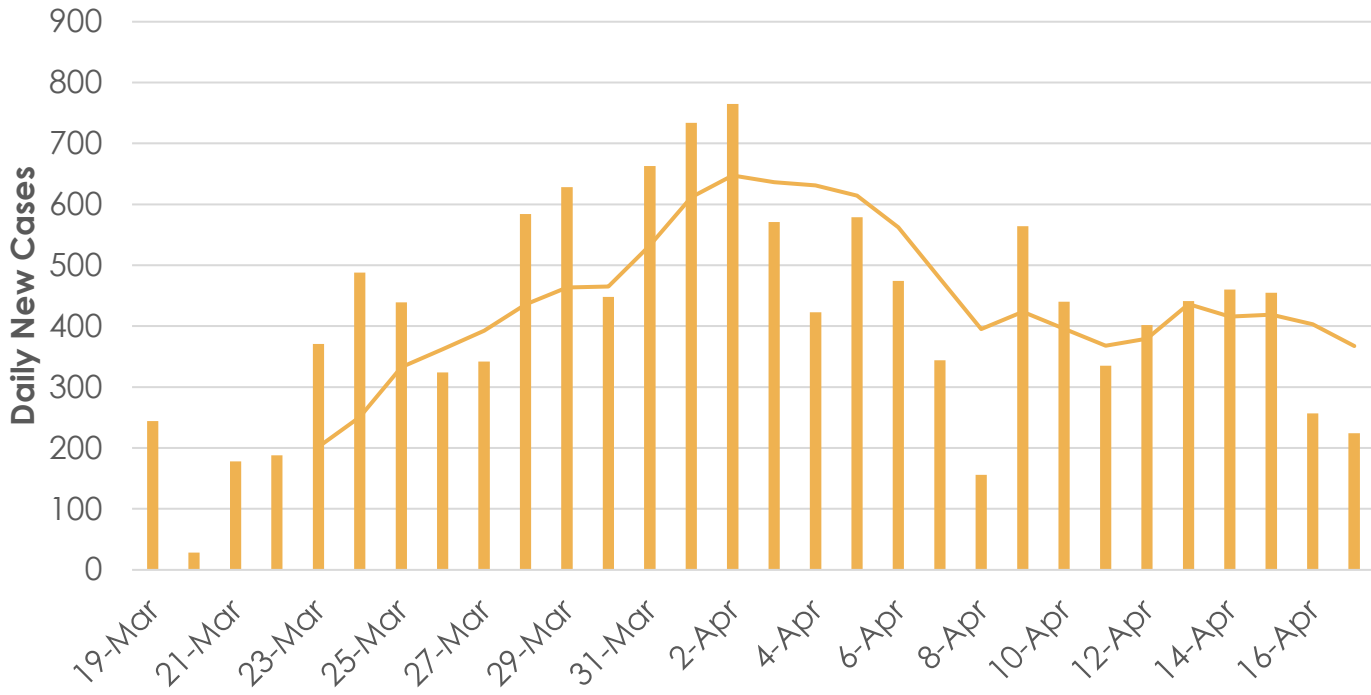
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

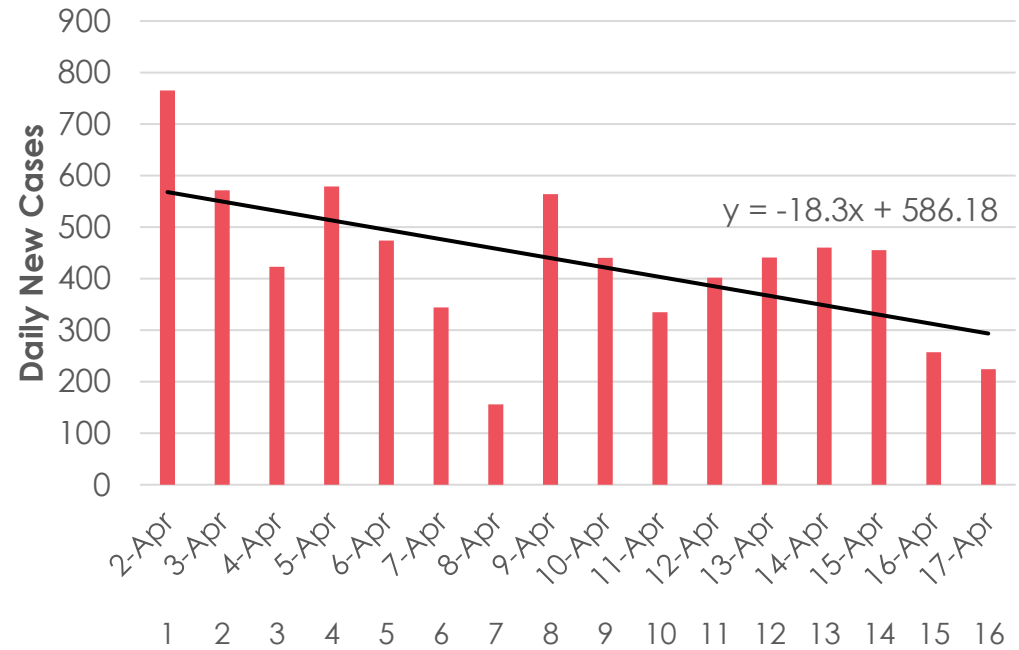
Israel 5 per. Mov. Avg. (Daily New Cases)



Trendlines for Israel

Israel Bar Chart of Daily New Cases from Peak till Today

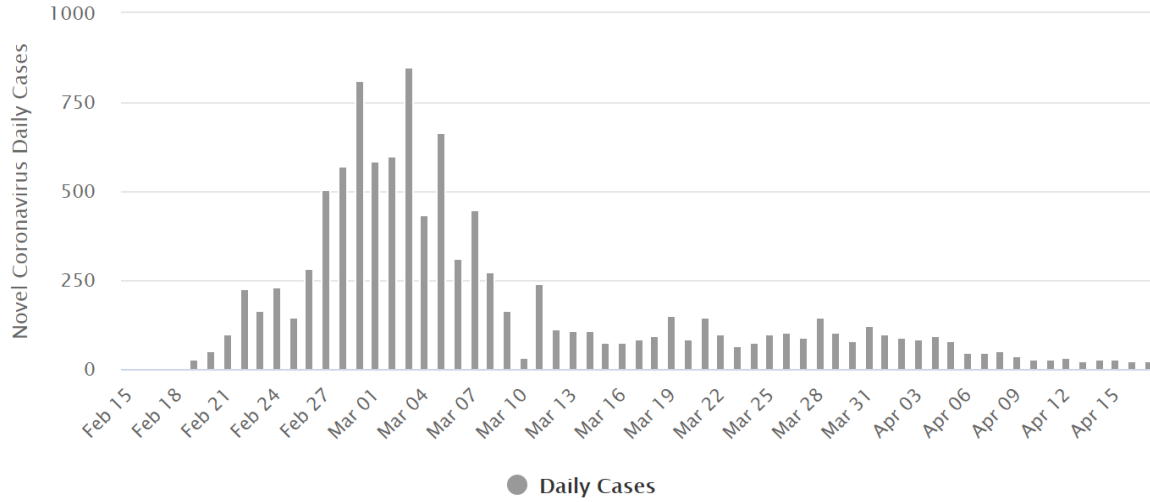
Linear Trendline
when $y = 0$; $x = 32$
(May 04)



Daily New Cases in South Korea

Daily New Cases

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

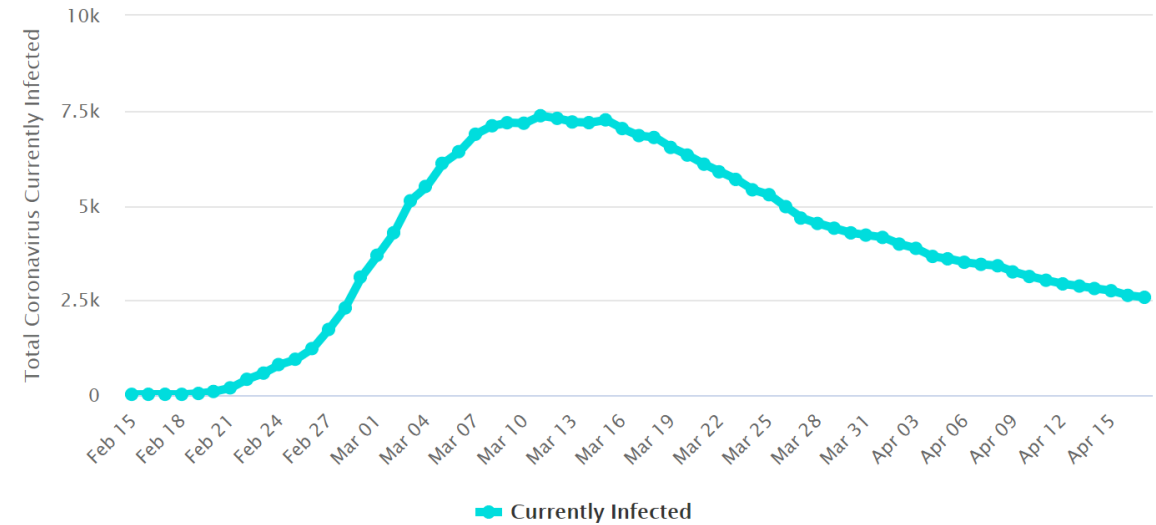


South Korea

Active Cases in South Korea

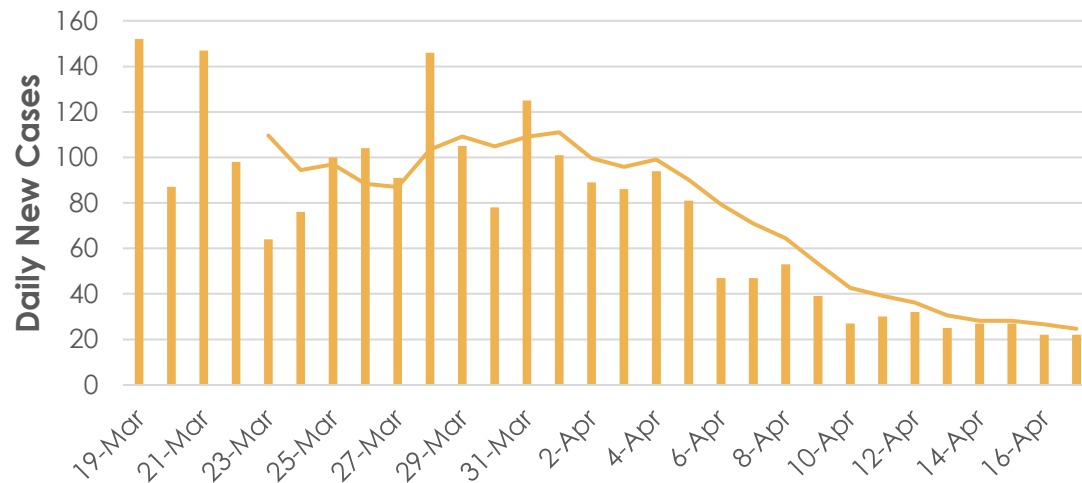
Active Cases

(Number of Infected People)

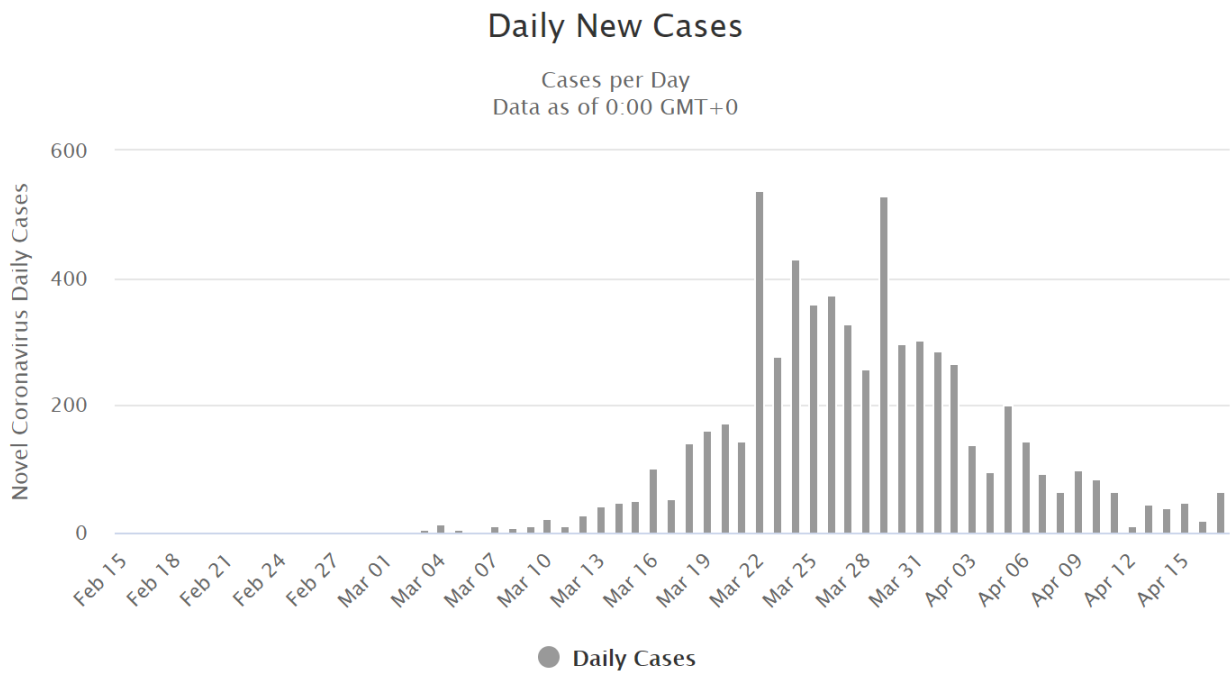


5-Day Moving Average Trendline

S Korea 5 per. Mov. Avg. (Daily New Cases)

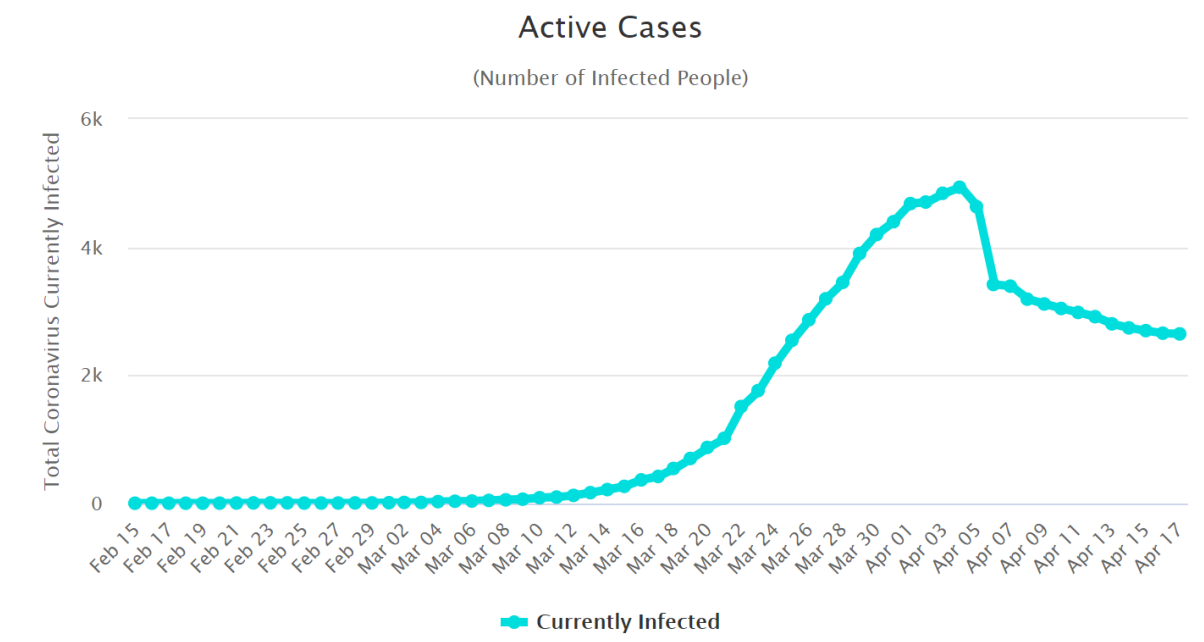


Daily New Cases in Australia



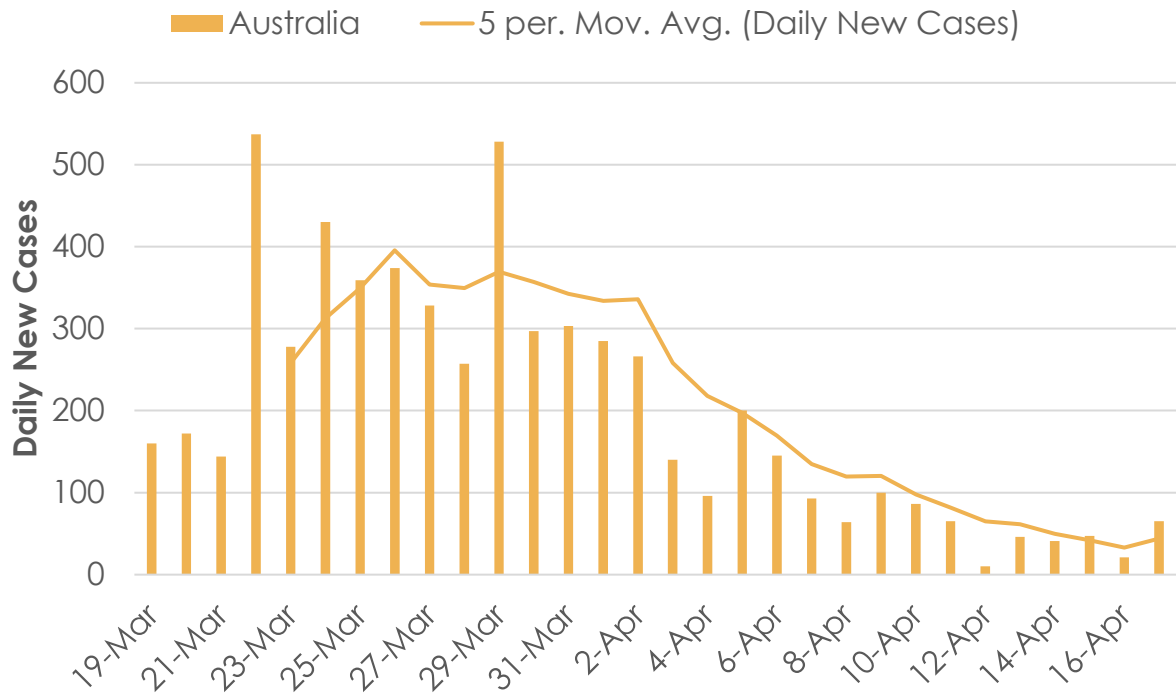
Australia

Active Cases in Australia

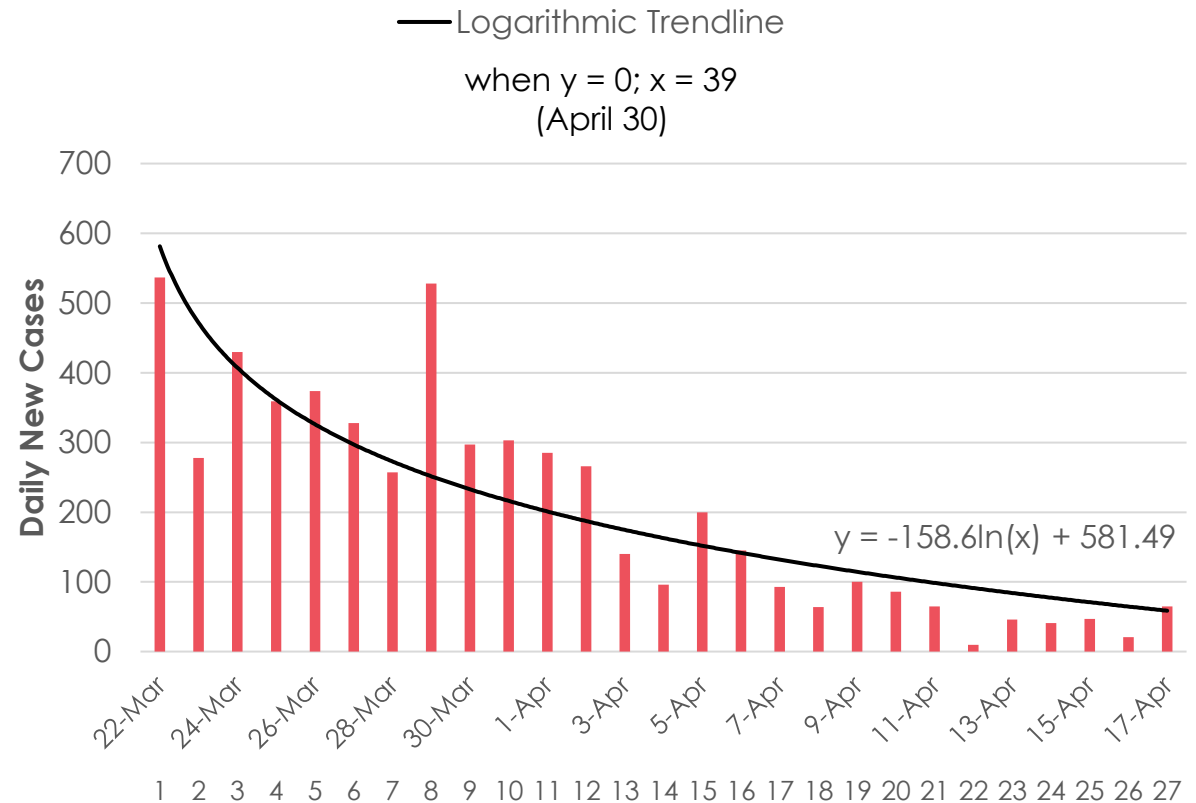


Trendlines for Australia

5-Day Moving Average Trendline

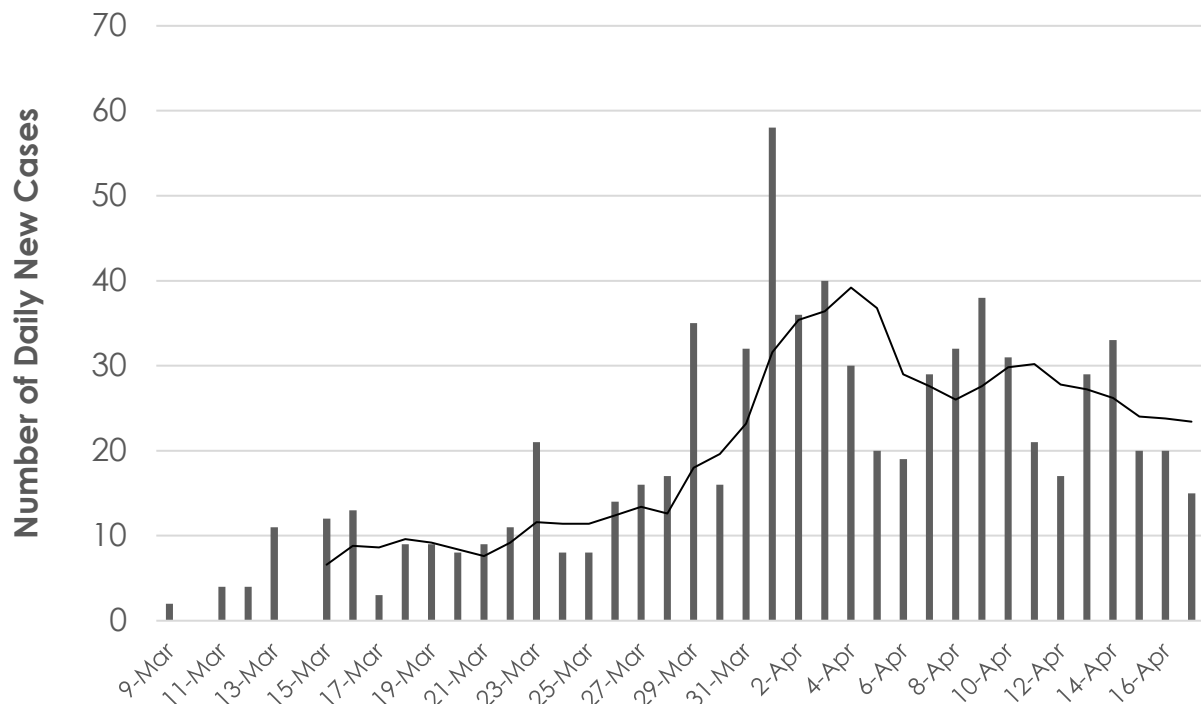


Australia Bar Chart of Daily New Cases from Peak till Today



Daily New Cases in Cyprus

— 5 per. Mov. Avg. (Daily New Cases)

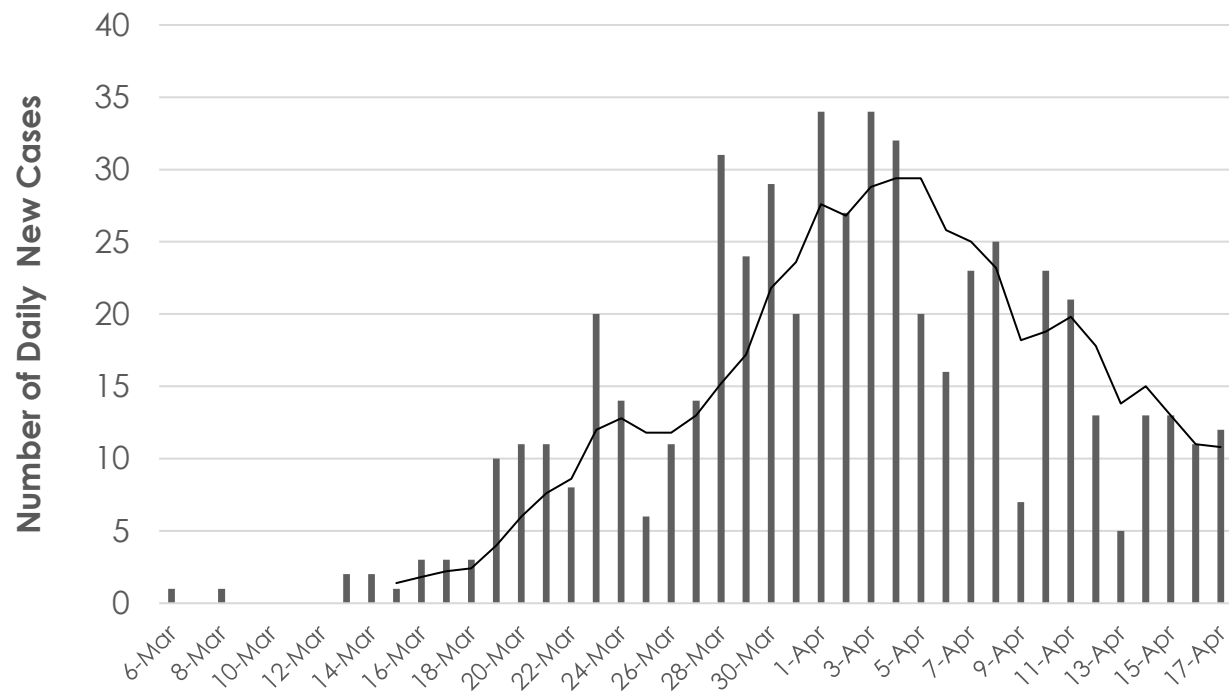


Cyprus

Correlation, r (Between Cyprus and Hawaii) = 0.570
 r is significant at $\alpha = 5\%$

Daily New Cases in Hawaii

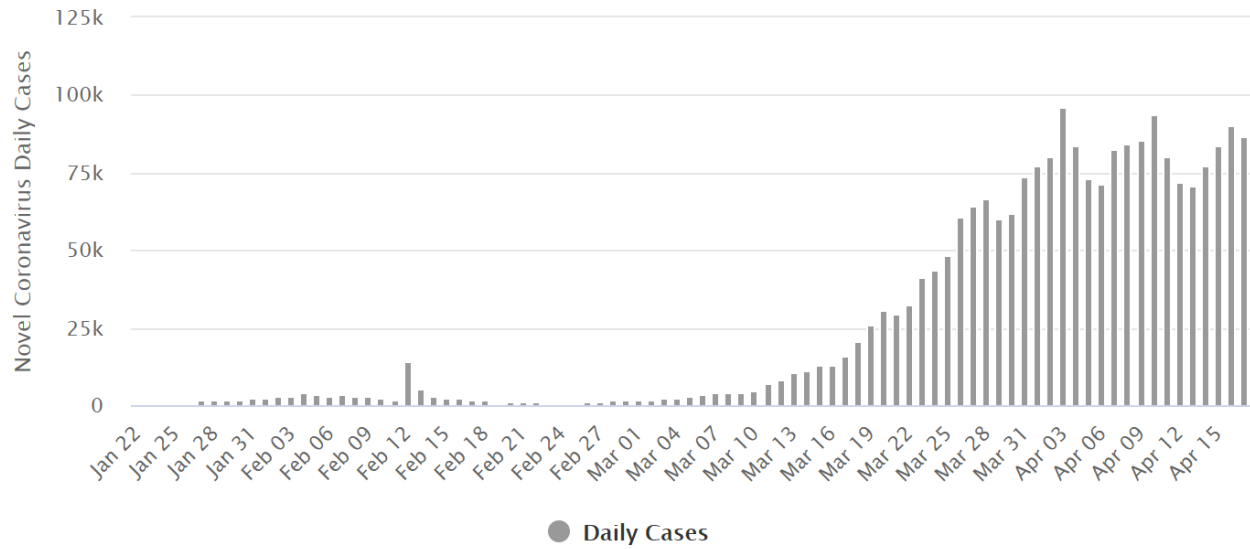
— 5 per. Mov. Avg. (Daily New Cases)



Hawaii

Daily New Cases

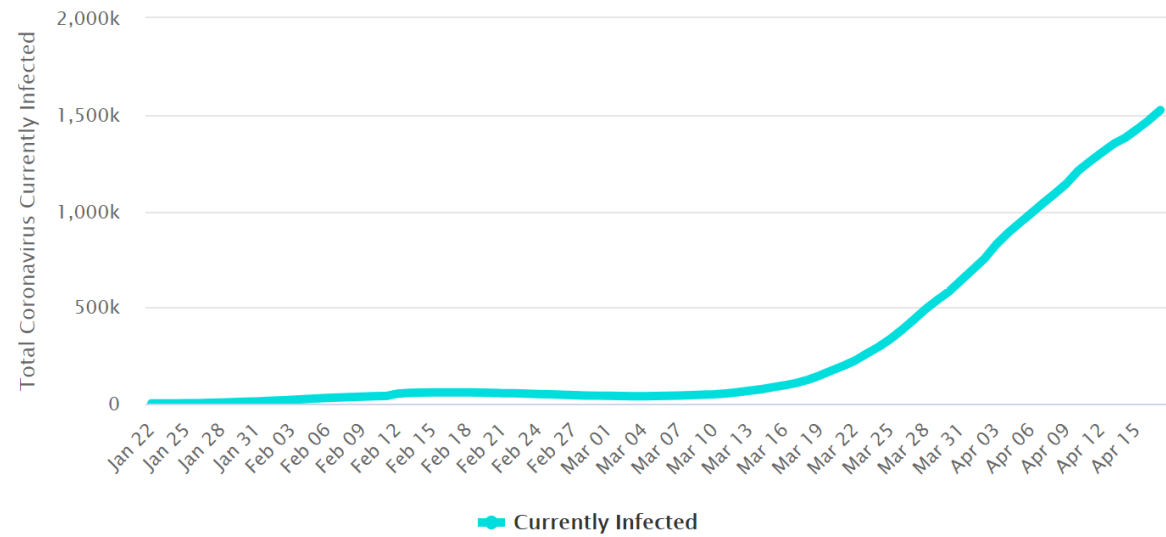
Cases per Day
Data as of 0:00 GMT+0



Worldwide

Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

Worldwide 5 per. Mov. Avg. (Daily New Cases)

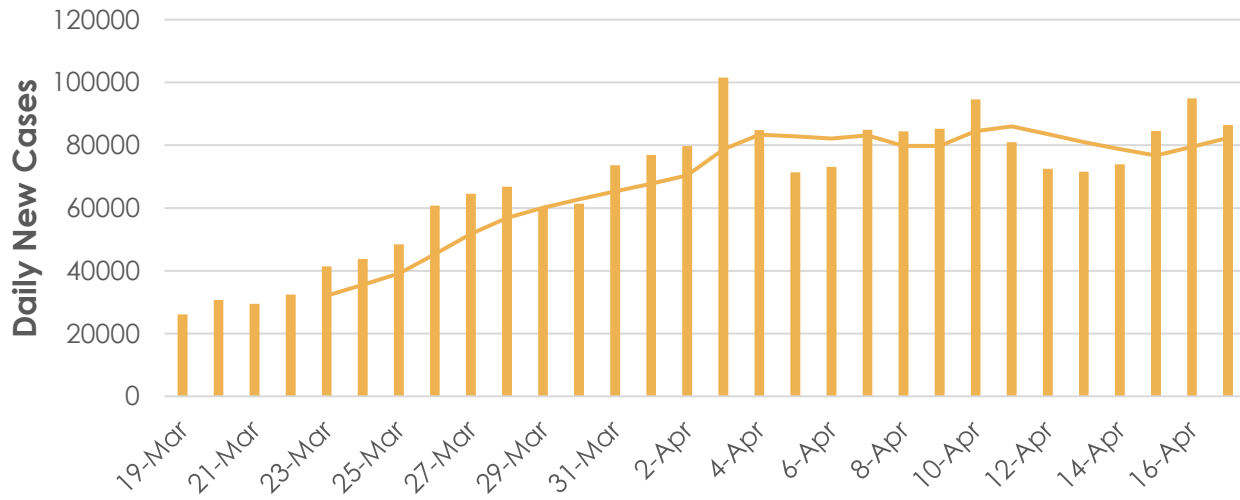


Table 1

RATIO OF THE AVERAGE NEW CASES OF RECENT FIVE 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	4/3	4/4	4/5	4/6	4/7	4/8	4/9	4/10	4/11	4/12	4/13	4/14	4/15	4/16	4/17
USA	0.580	0.676	0.741	0.732	0.710	0.755	0.821	0.890	0.940	0.834	0.838	0.812	0.828	0.863	0.866	0.889	0.909	0.907	0.903	0.953	0.951	0.916	0.885	0.847	0.826	0.823	0.851
Spain	0.863	0.640	0.693	0.749	0.781	0.894	0.921	0.920	0.930	0.922	0.929	0.939	0.945	0.924	0.864	0.787	0.722	0.702	0.654	0.644	0.637	0.602	0.529	0.504	0.541	0.530	0.581
Italy	0.843	0.861	0.858	0.835	0.824	0.835	0.871	0.870	0.834	0.769	0.734	0.695	0.675	0.698	0.706	0.670	0.621	0.598	0.579	0.568	0.602	0.634	0.613	0.575	0.536	0.508	0.490
France	0.891	0.559	0.589	0.658	0.749	0.864	0.769	0.775	0.838	0.606	0.634	0.568	0.418	0.443	0.410	0.386	0.462	0.307	0.284	0.302	0.320	0.247	0.245	0.260	0.227	0.321	0.315
Germany	0.685	0.739	0.781	0.772	0.652	0.750	0.826	0.849	0.853	0.804	0.782	0.782	0.829	0.843	0.817	0.733	0.660	0.639	0.639	0.636	0.637	0.582	0.484	0.403	0.363	0.353	0.391
UK	0.721	0.778	0.674	0.764	0.624	0.614	0.724	0.793	0.874	0.897	0.691	0.769	0.838	0.888	0.768	0.750	0.729	0.765	0.785	0.598	0.631	0.669	0.643	0.663	0.569	0.555	0.562
China	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.005	0.005	0.006	0.006	0.004	0.008
Iran	0.801	0.806	0.727	0.668	0.736	0.731	0.804	0.878	0.909	0.954	0.958	0.945	0.934	0.894	0.855	0.810	0.761	0.716	0.658	0.626	0.598	0.571	0.547	0.543	0.515	0.500	0.490
Switzerland	0.679	0.816	0.812	0.758	0.710	0.783	0.758	0.711	0.721	0.688	0.695	0.682	0.686	0.658	0.645	0.558	0.492	0.527	0.509	0.495	0.495	0.454	0.346	0.271	0.256	0.233	0.239
Austria	0.763	0.634	0.696	0.659	0.593	0.623	0.575	0.531	0.610	0.495	0.456	0.433	0.414	0.327	0.283	0.240	0.229	0.215	0.221	0.228	0.228	0.198	0.166	0.149	0.120	0.101	0.098
Israel	0.602	0.544	0.514	0.682	0.742	0.805	0.746	0.738	0.741	0.804	0.833	0.847	0.832	0.825	0.803	0.735	0.625	0.517	0.553	0.517	0.481	0.496	0.570	0.543	0.547	0.527	0.480
S Korea	0.136	0.129	0.111	0.114	0.104	0.102	0.122	0.128	0.123	0.128	0.130	0.117	0.113	0.116	0.106	0.093	0.083	0.076	0.063	0.050	0.046	0.043	0.036	0.033	0.033	0.031	0.029
Australia	0.430	0.481	0.581	0.651	0.737	0.659	0.651	0.688	0.664	0.638	0.622	0.625	0.481	0.406	0.368	0.315	0.251	0.223	0.224	0.182	0.152	0.121	0.114	0.092	0.078	0.061	0.082
Cyprus	0.708	0.552	0.543	0.543	0.590	0.638	0.600	0.514	0.560	0.663	0.545	0.610	0.628	0.676	0.634	0.500	0.476	0.448	0.476	0.514	0.521	0.479	0.469	0.452	0.414	0.410	0.403
Hawaii	0.782	0.600	0.640	0.590	0.590	0.650	0.490	0.555	0.703	0.761	0.812	0.788	0.847	0.865	0.865	0.759	0.735	0.682	0.535	0.553	0.582	0.524	0.406	0.441	0.382	0.324	0.318
Worldwide	0.858	0.774	0.812	0.807	0.746	0.803	0.852	0.901	0.940	0.887	0.882	0.883	0.774	0.820	0.816	0.809	0.819	0.785	0.786	0.832	0.847	0.823	0.797	0.775	0.755	0.783	0.811