

COVID-19 Cases

As of Wednesday 4/22/2020, 5:00PM HST

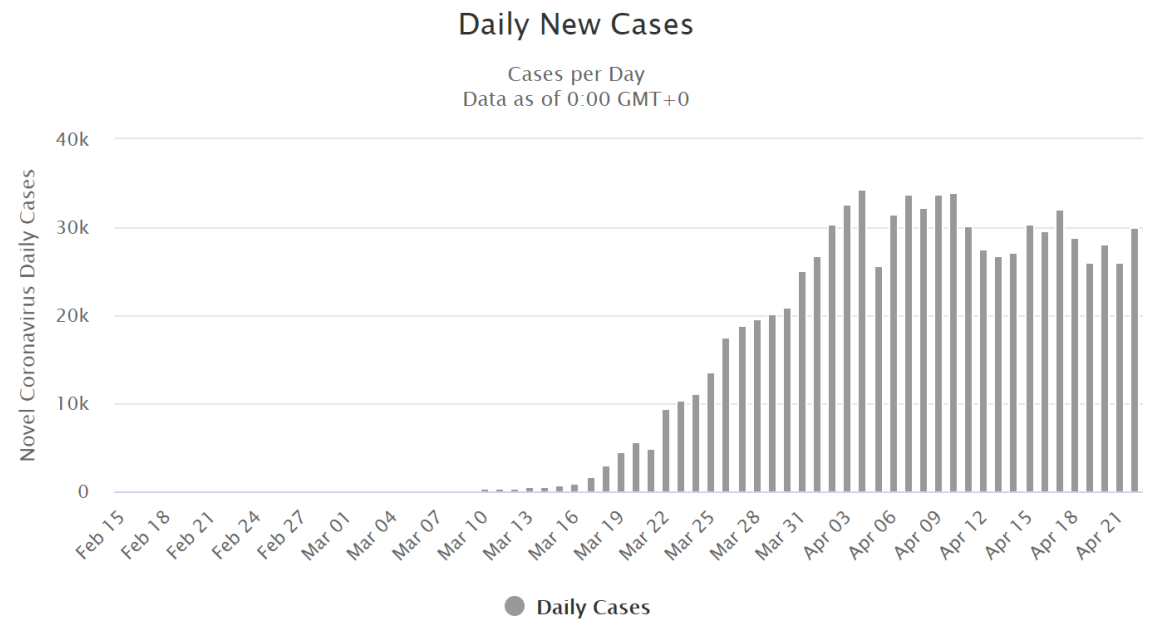
Statistics regarding daily new cases and active cases of the six countries that has the highest number of total cases, Iran, China, Switzerland, Austria, Israel, South Korea, Australia, and Cyprus.

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

Statistics regarding daily new cases are also included for Hawaii.

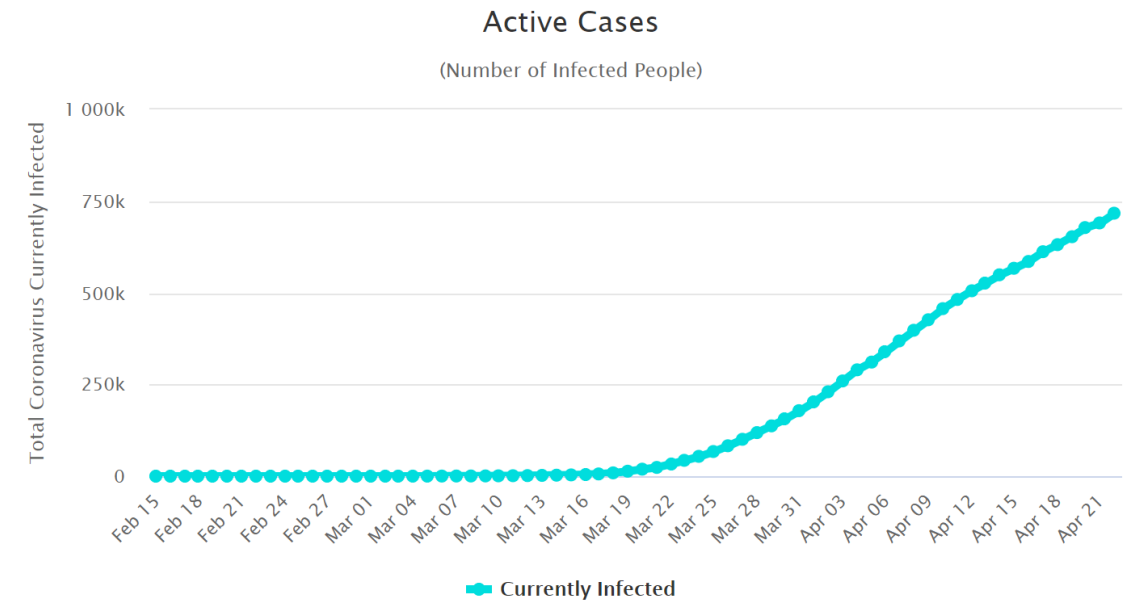
Source: <https://health.hawaii.gov/news/covid-19-updates/>

Daily New Cases in the United States

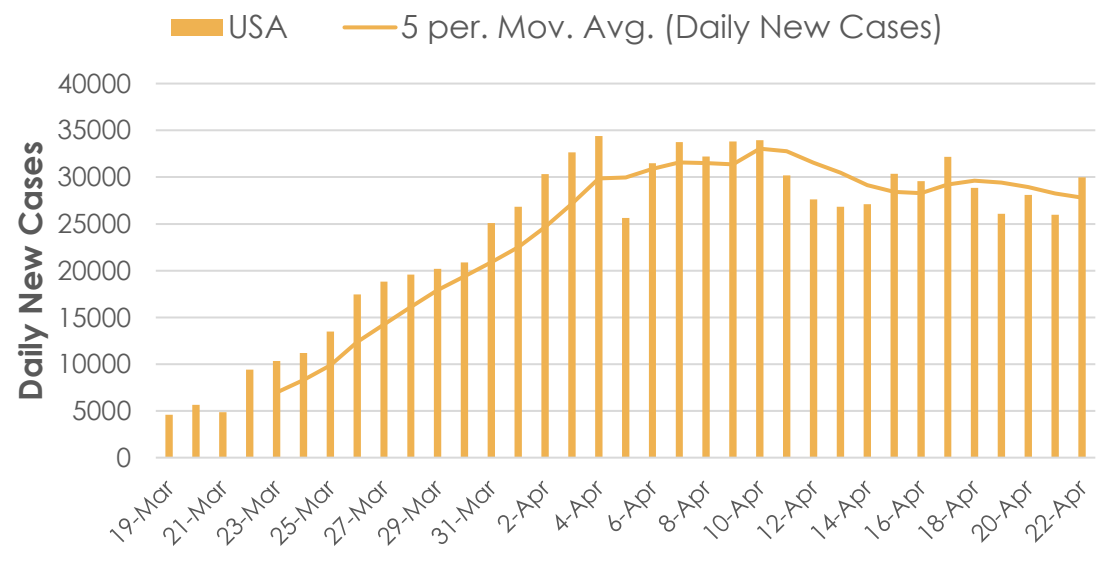


1. USA

Active Cases in the United States



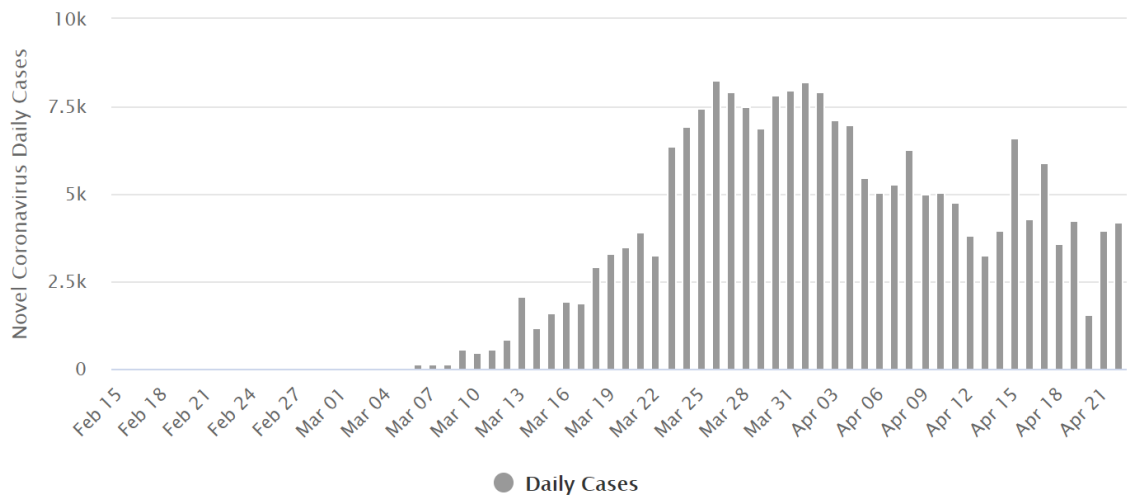
5-Day Moving Average Trendline



Daily New Cases in Spain

Daily New Cases

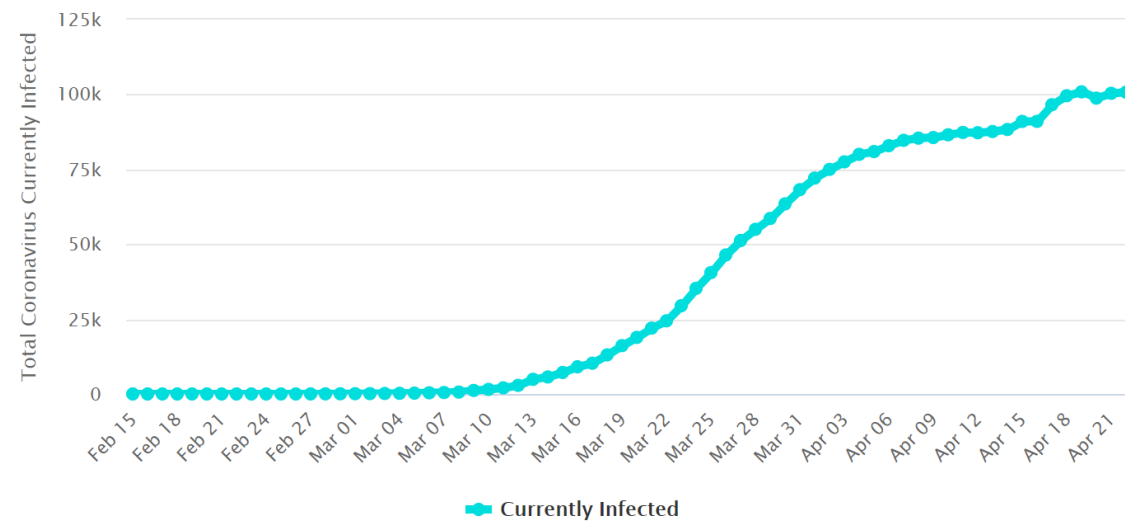
Cases per Day
Data as of 0:00 GMT+0



2. Spain

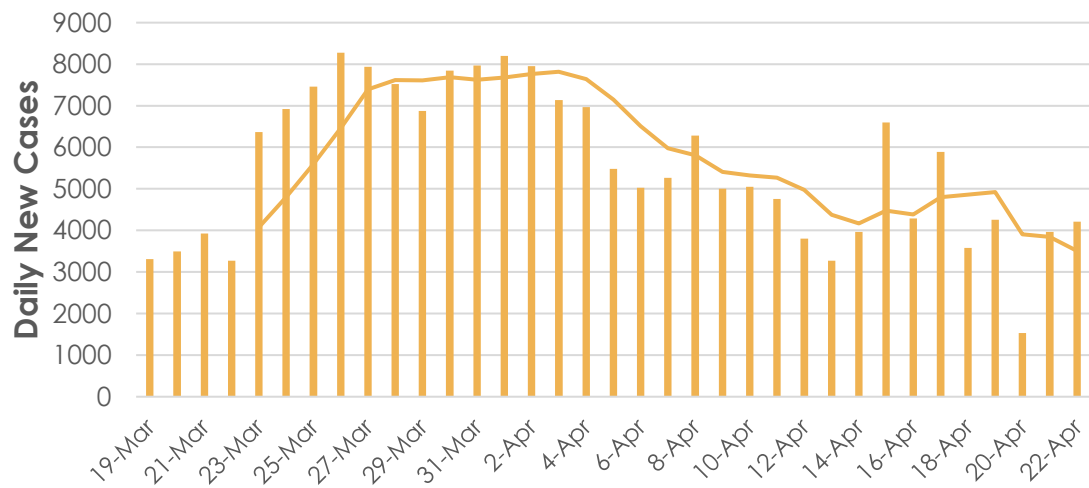
Active Cases in Spain

Active Cases
(Number of Infected People)

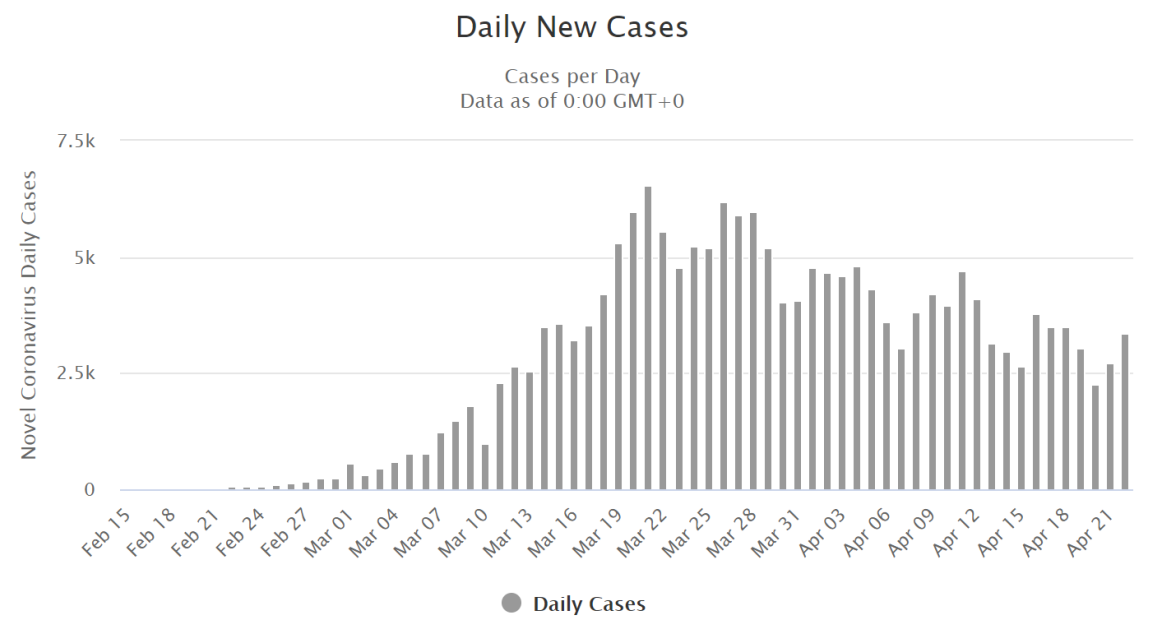


5-Day Moving Average Trendline

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

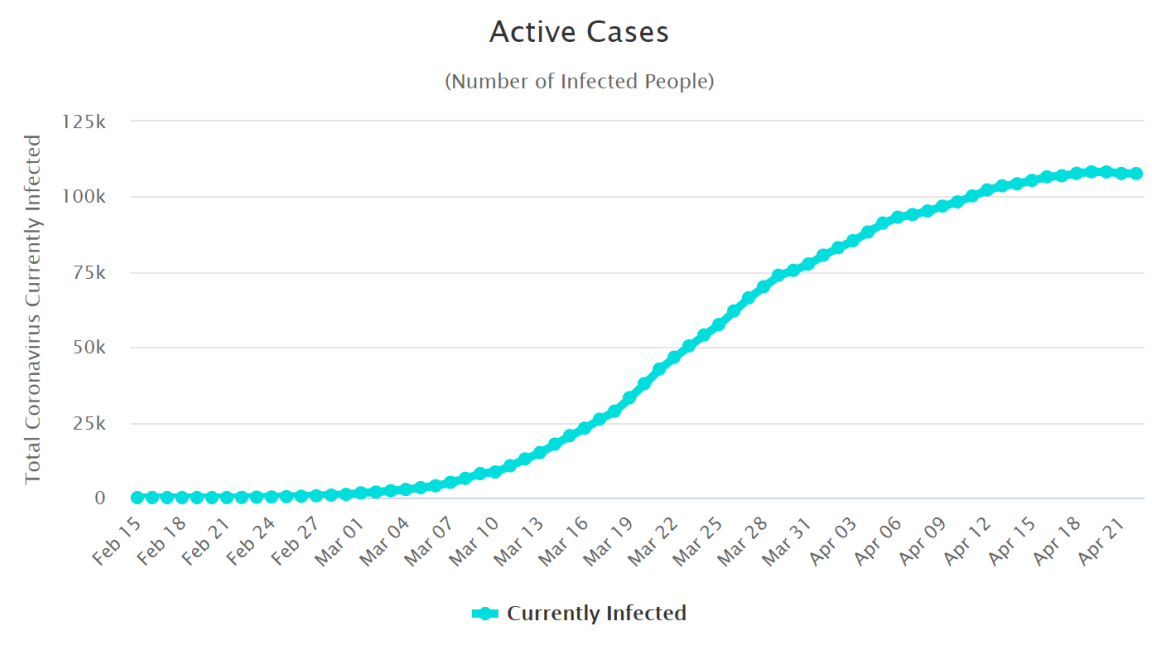


Daily New Cases in Italy

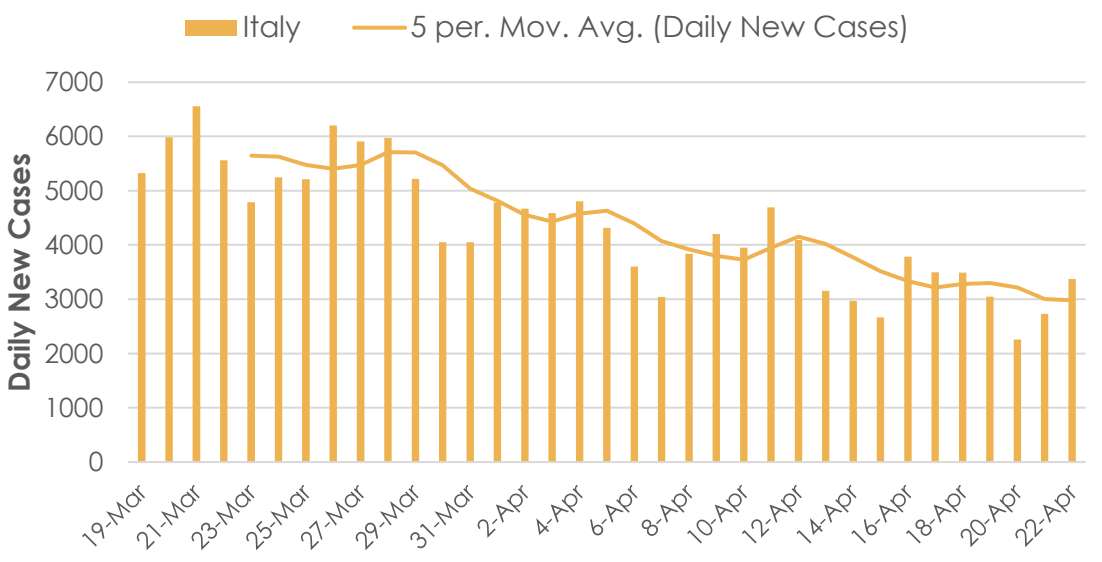


3. Italy

Active Cases in Italy



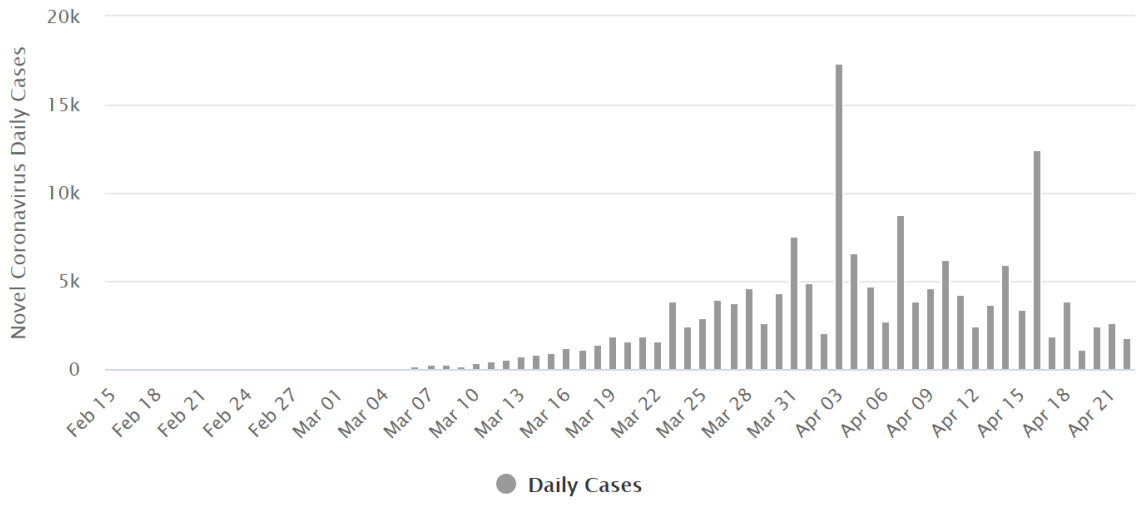
5-Day Moving Average Trendline



Daily New Cases in France

Daily New Cases

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

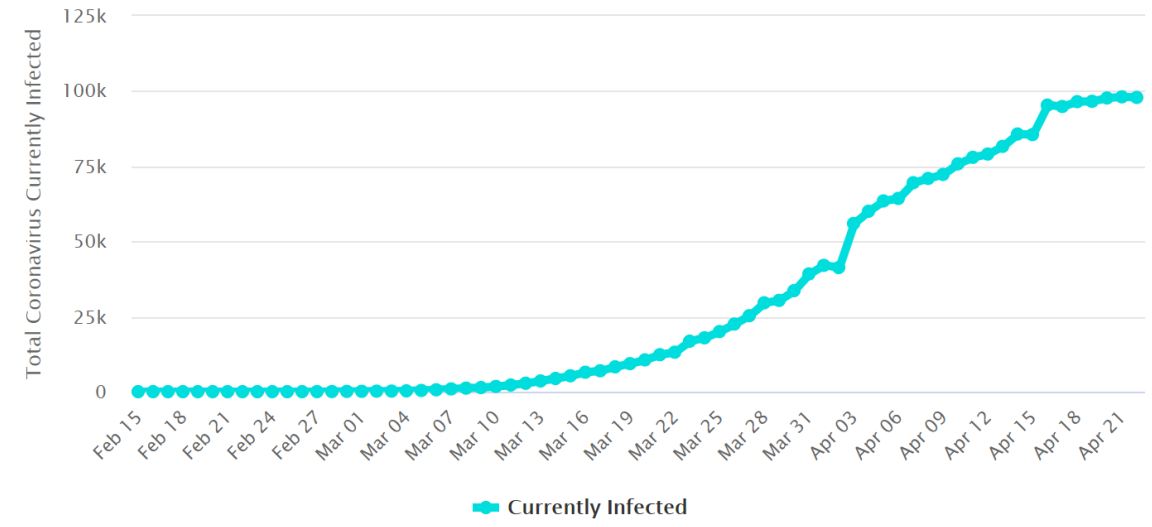


4. France

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

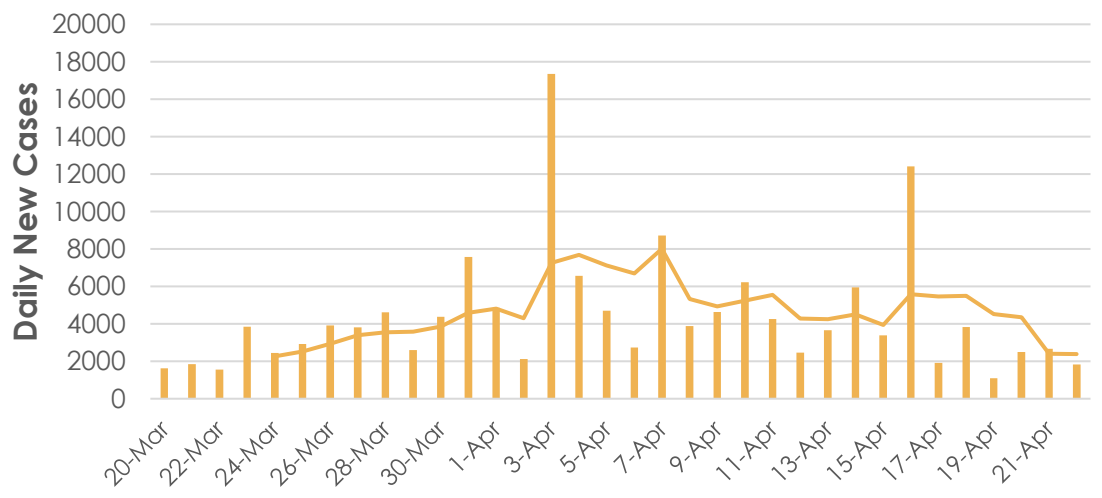
Active Cases in France

Active Cases
(Number of Infected People)



5-Day Moving Average Trendline

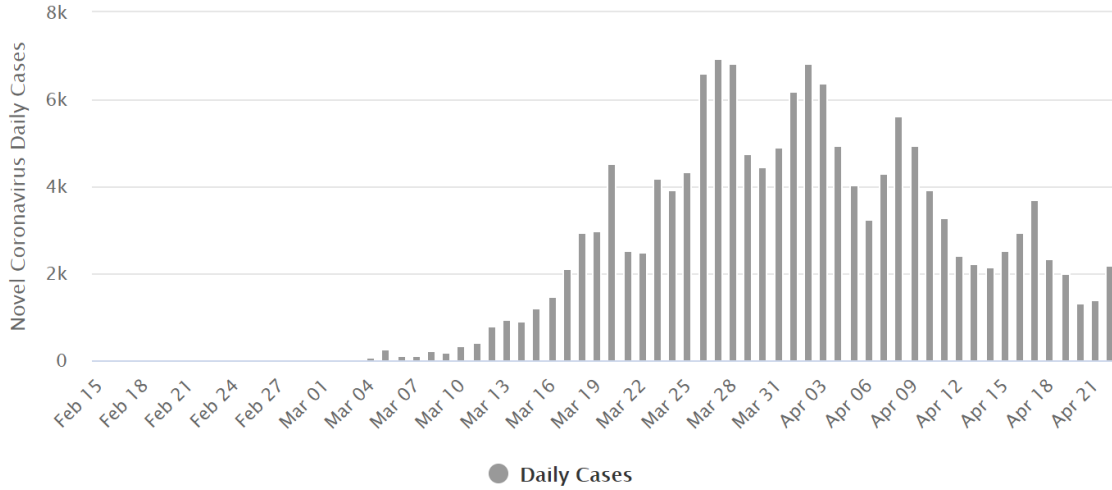
France 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Germany

Daily New Cases

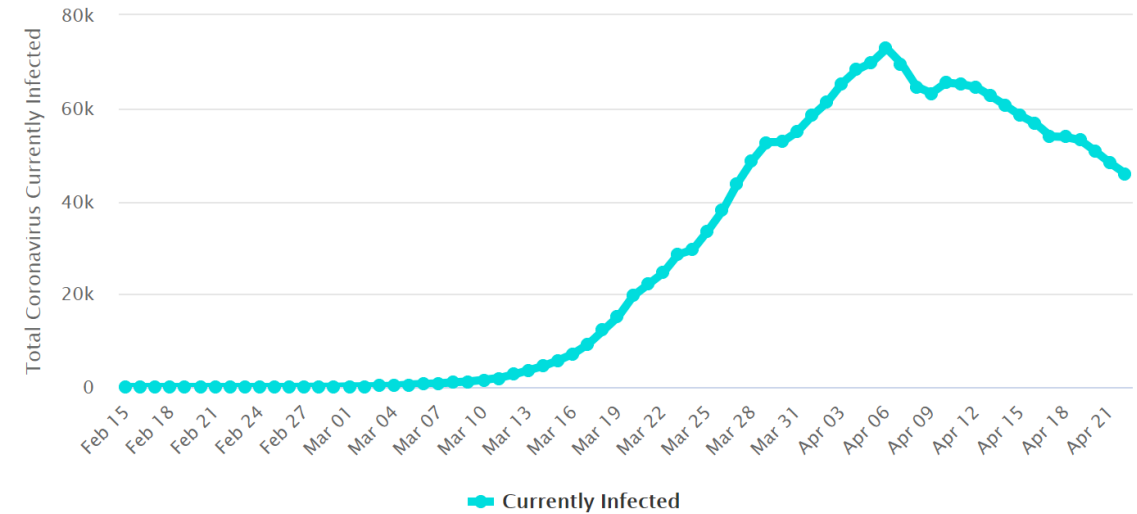
Cases per Day
Data as of 0:00 GMT+0



5. Germany

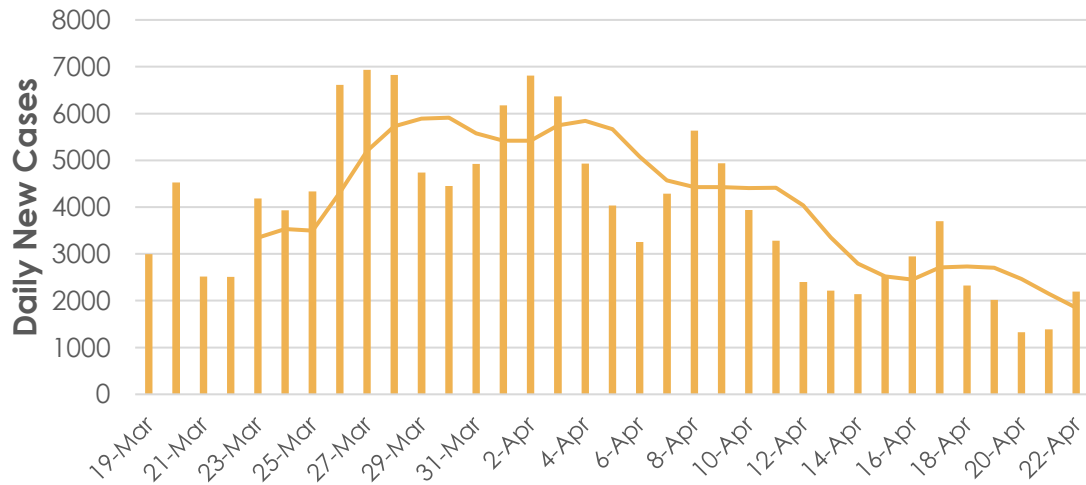
Active Cases in Germany

Active Cases
(Number of Infected People)



5-Day Moving Average Trendline

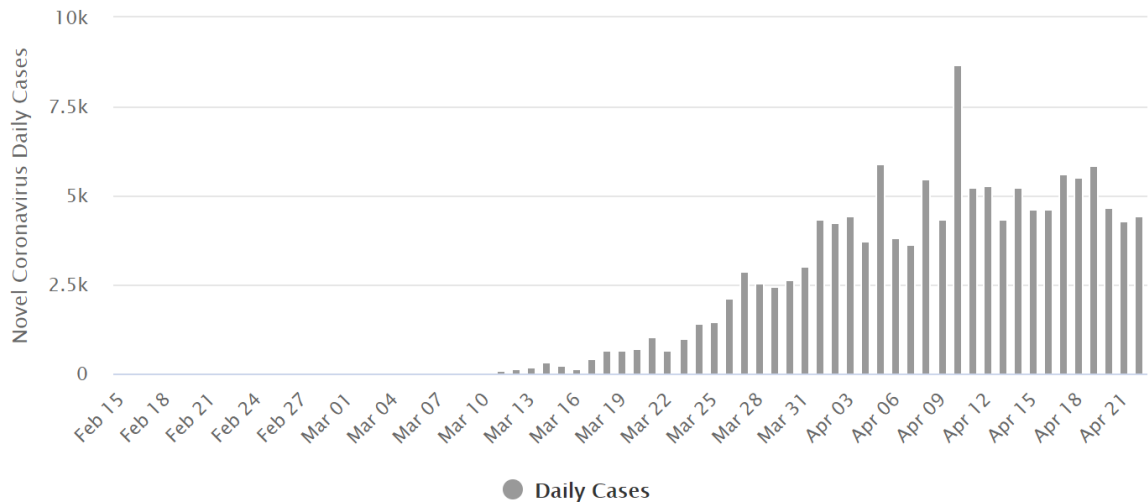
Germany 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in the United Kingdom

Daily New Cases

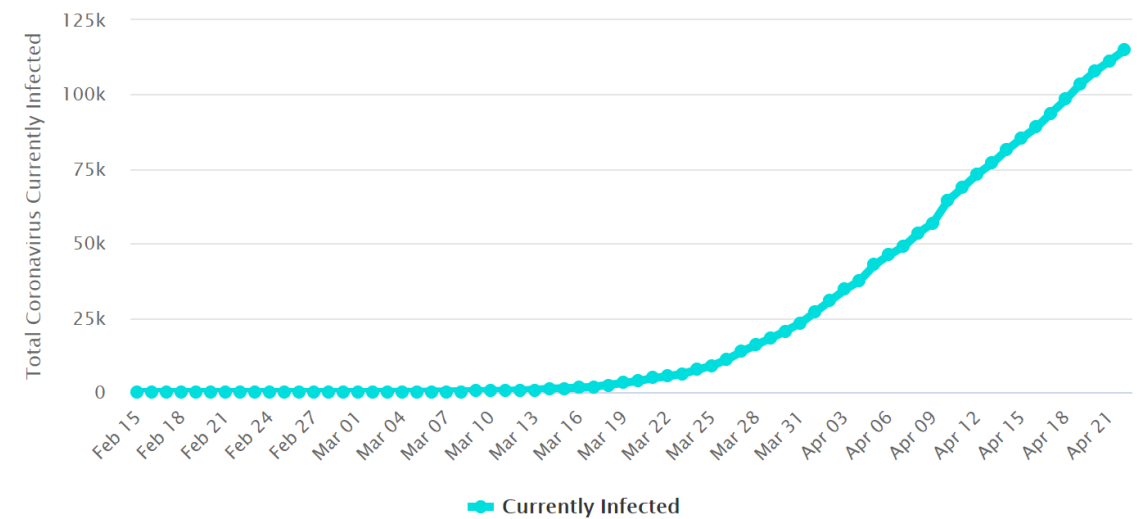
Cases per Day
Data as of 0:00 GMT+0



6. UK

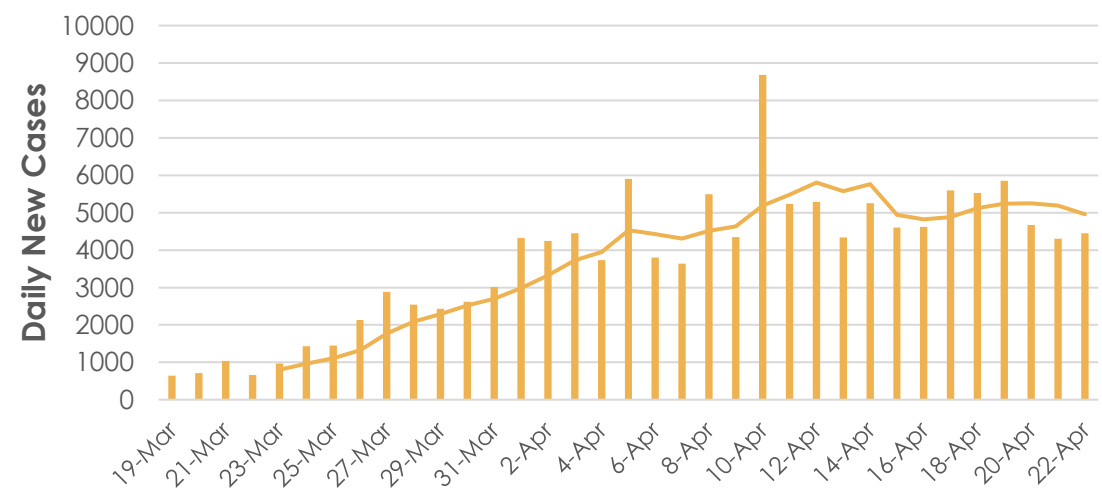
Active Cases in the United Kingdom

Active Cases
(Number of Infected People)

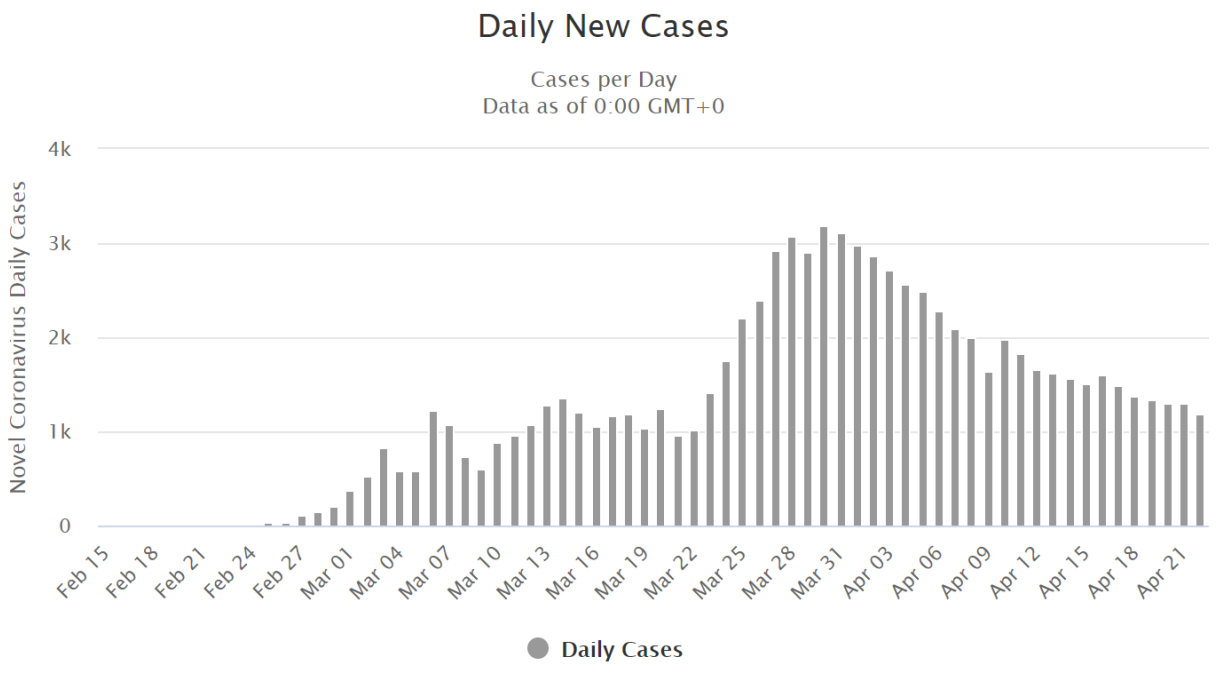


5-Day Moving Average Trendline

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

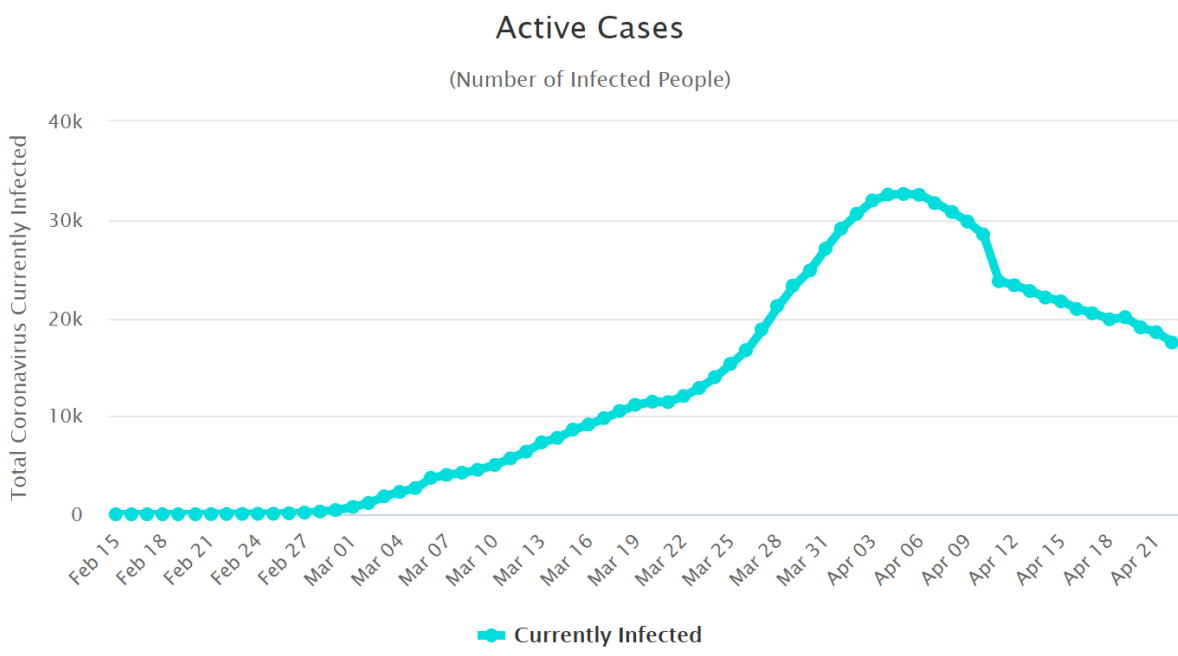


Daily New Cases in Iran



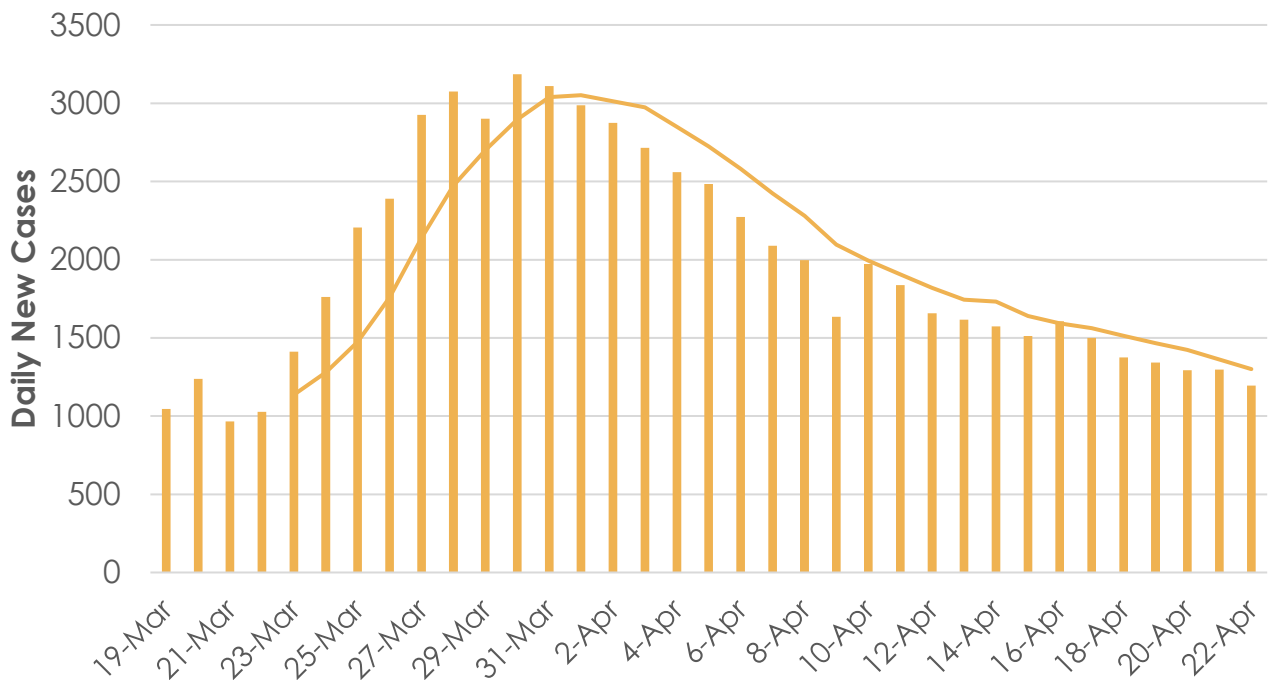
Iran

Active Cases in Iran



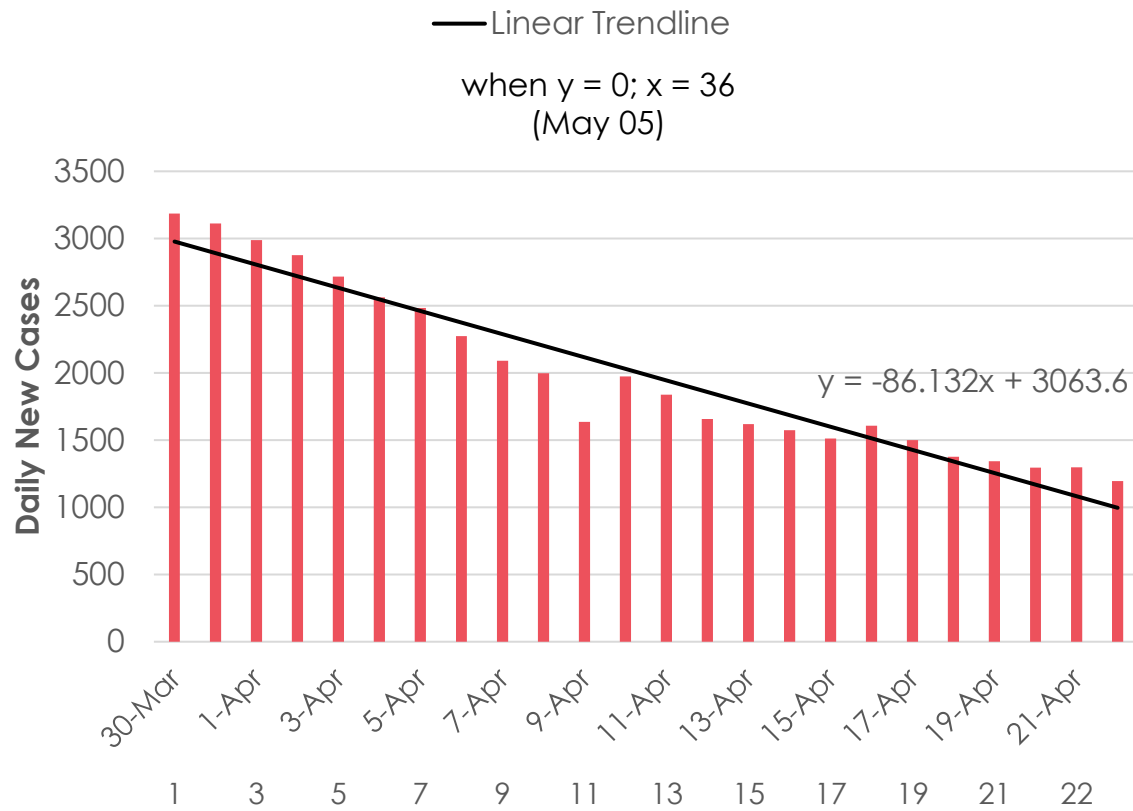
5-Day Moving Average Trendline

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



Trendlines for Iran

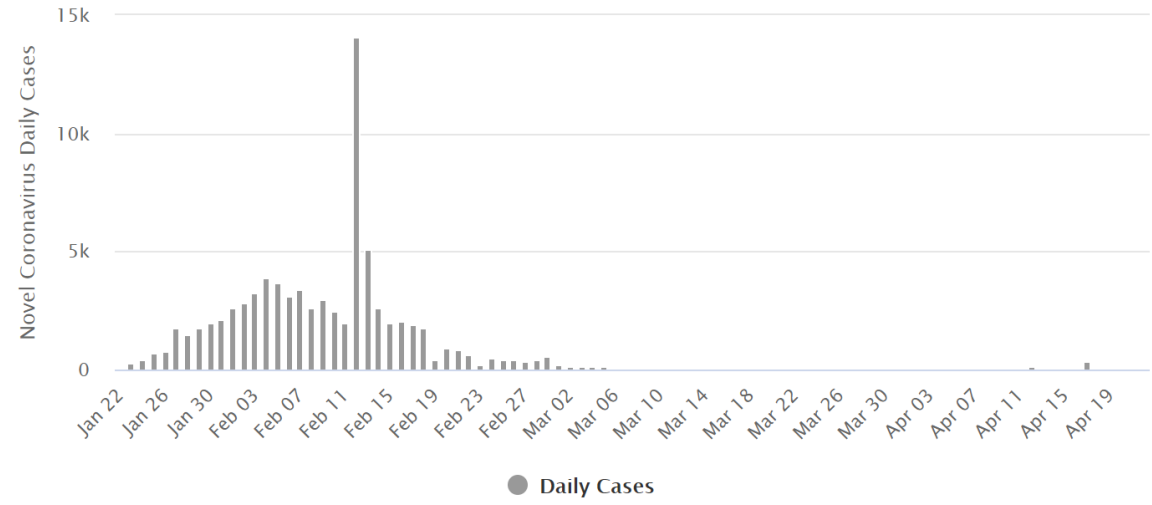
Iran Bar Chart of Daily New Cases from Peak Till Today



Daily New Cases in China

Daily New Cases

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

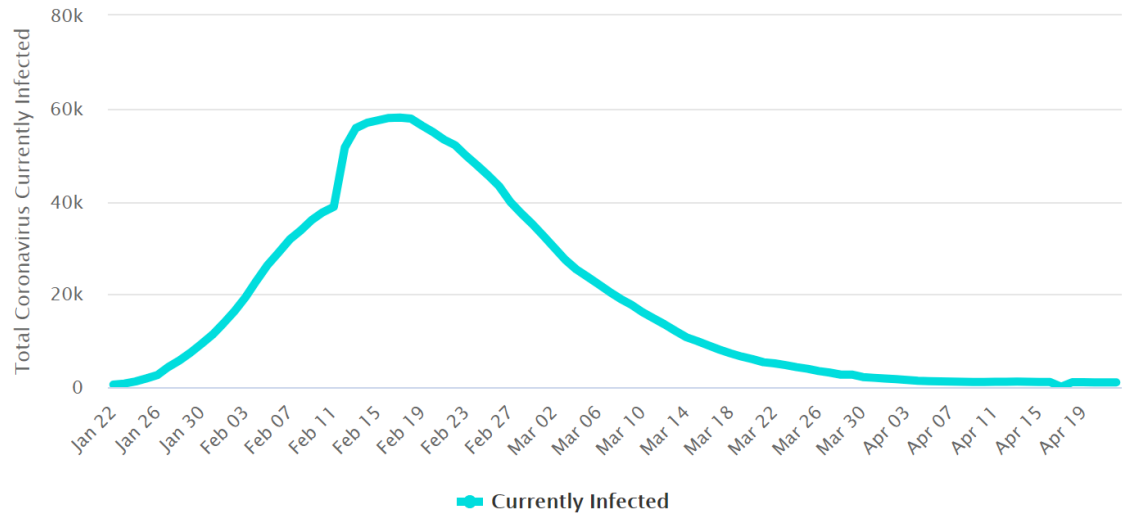


China

Active Cases in China

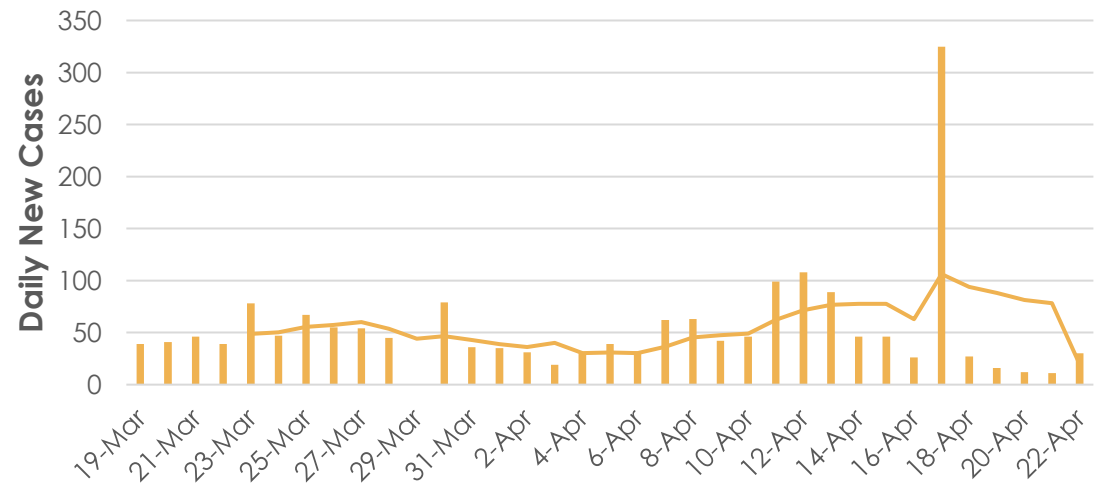
Active Cases

(Number of Infected People)

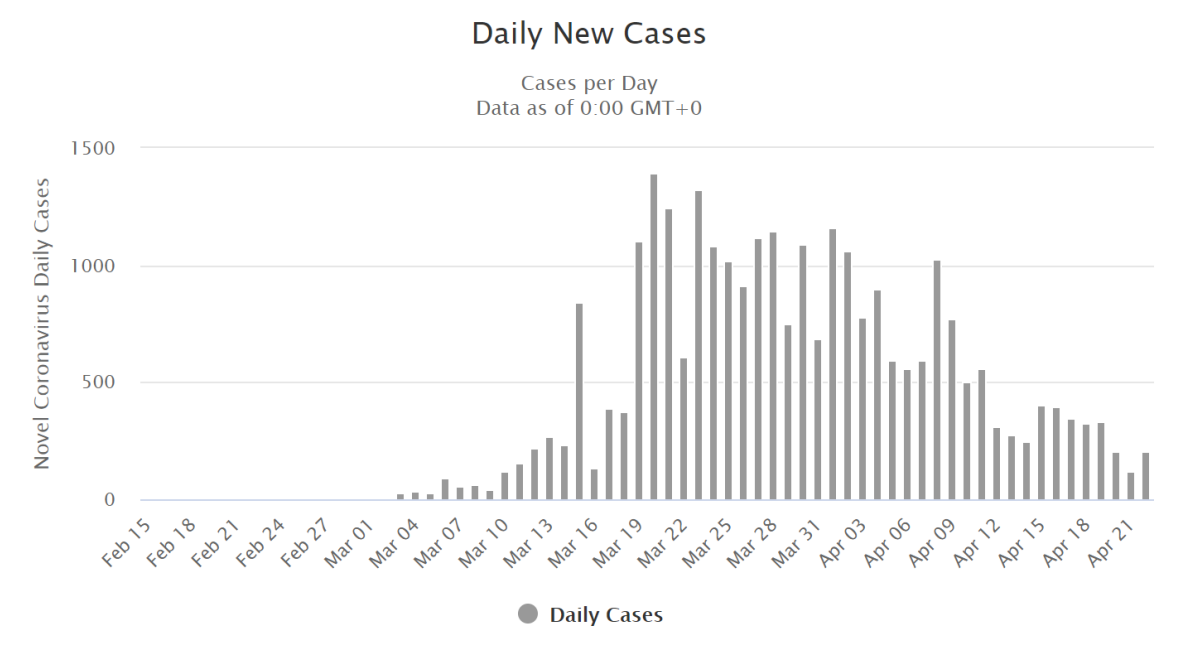


5-Day Moving Average Trendline

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

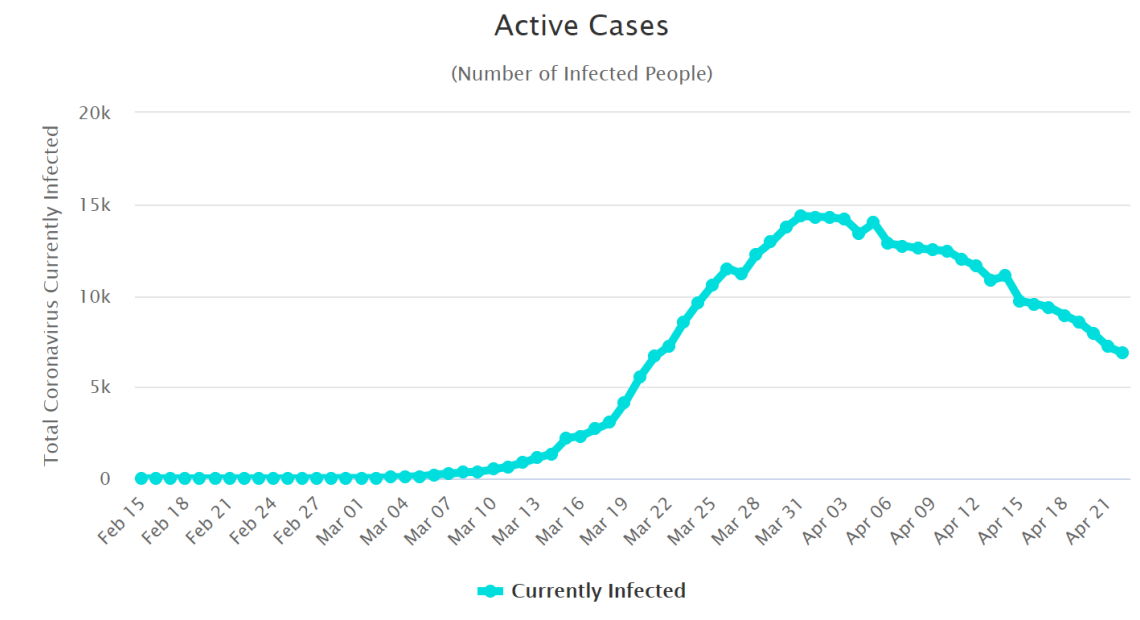


Daily New Cases in Switzerland

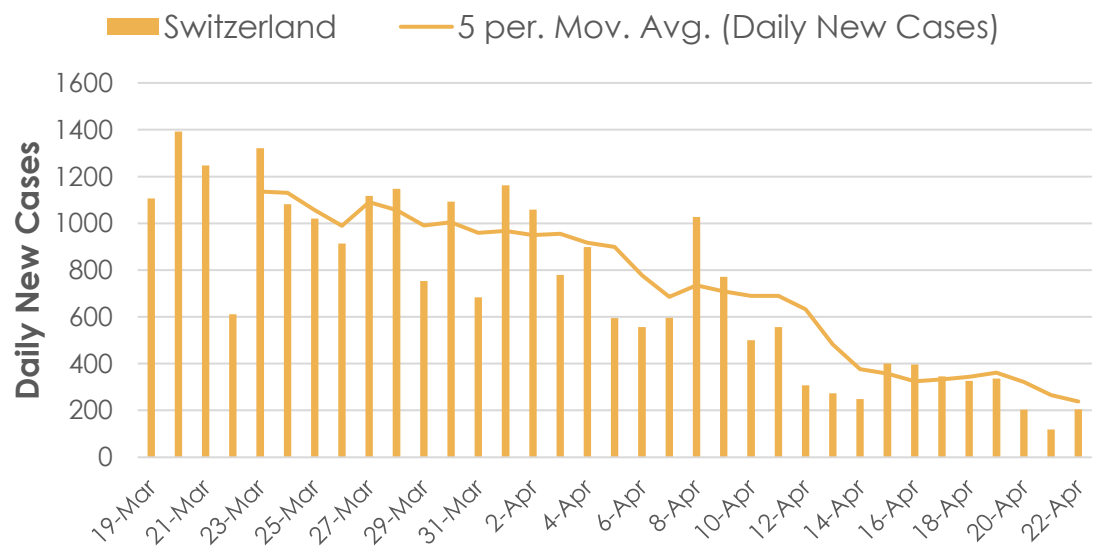


Switzerland

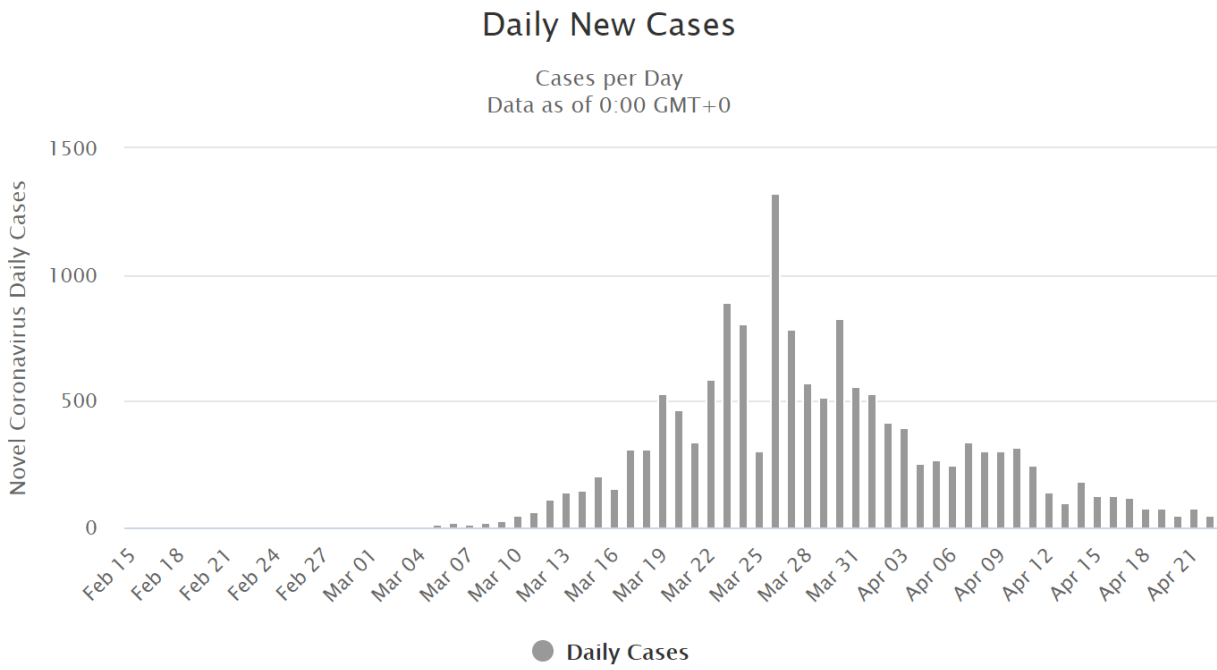
Active Cases in Switzerland



5-Day Moving Average Trendline

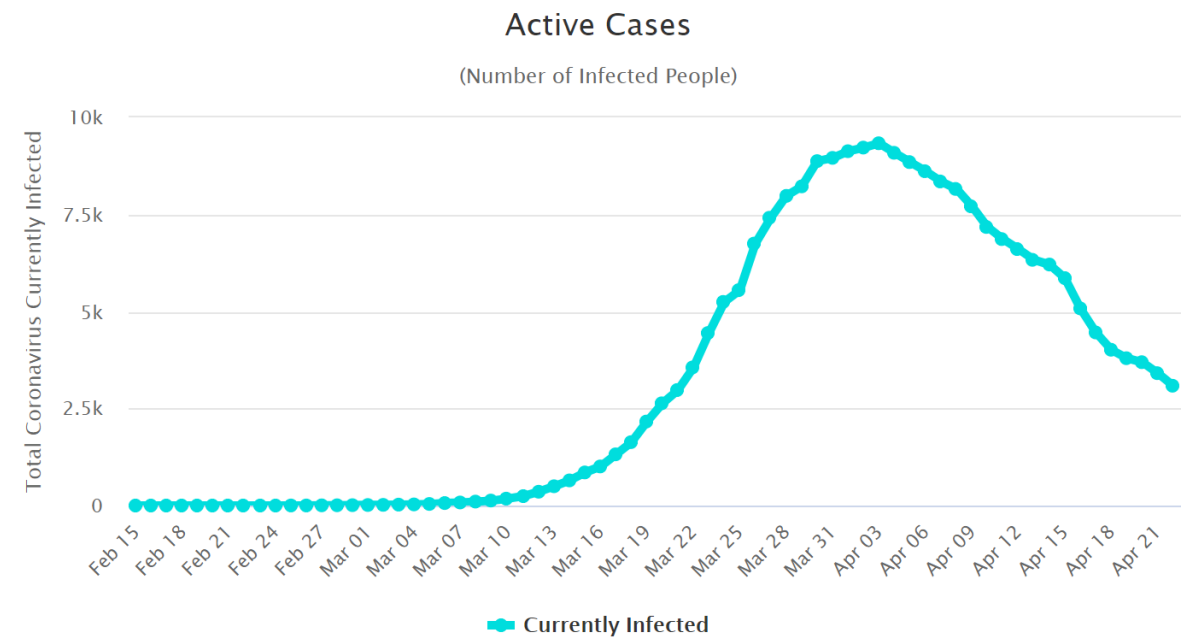


Daily New Cases in Austria



Austria

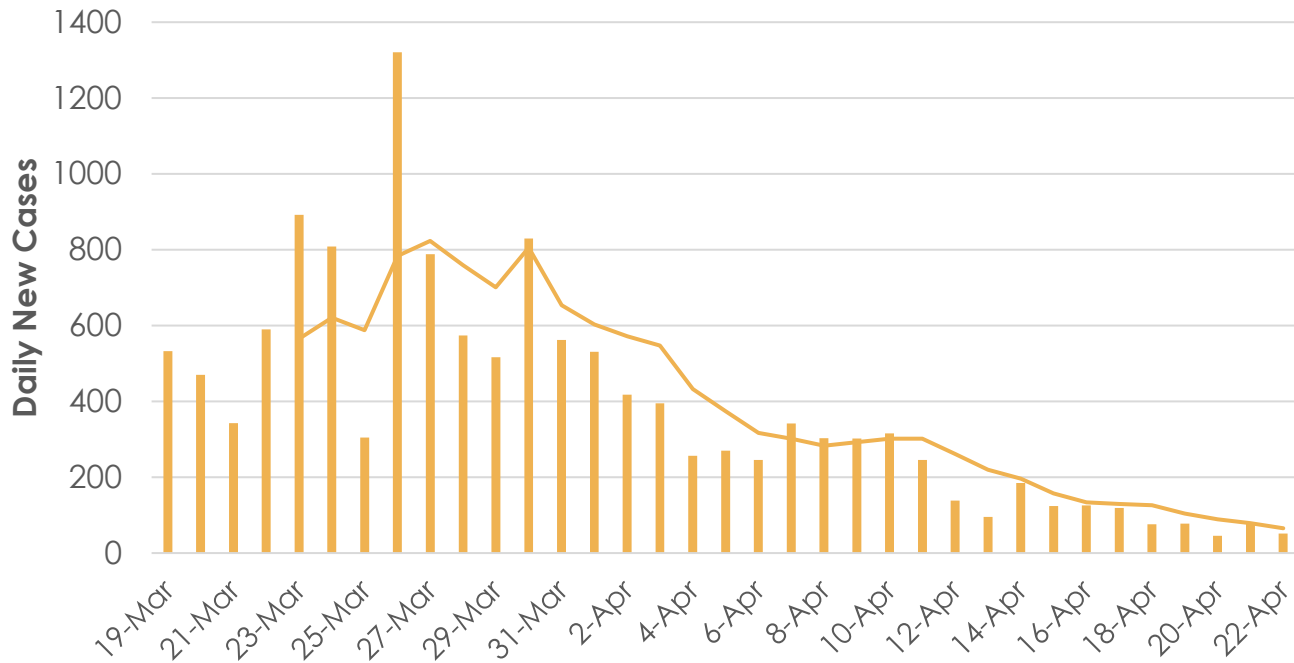
Active Cases in Austria



Trendlines for Austria

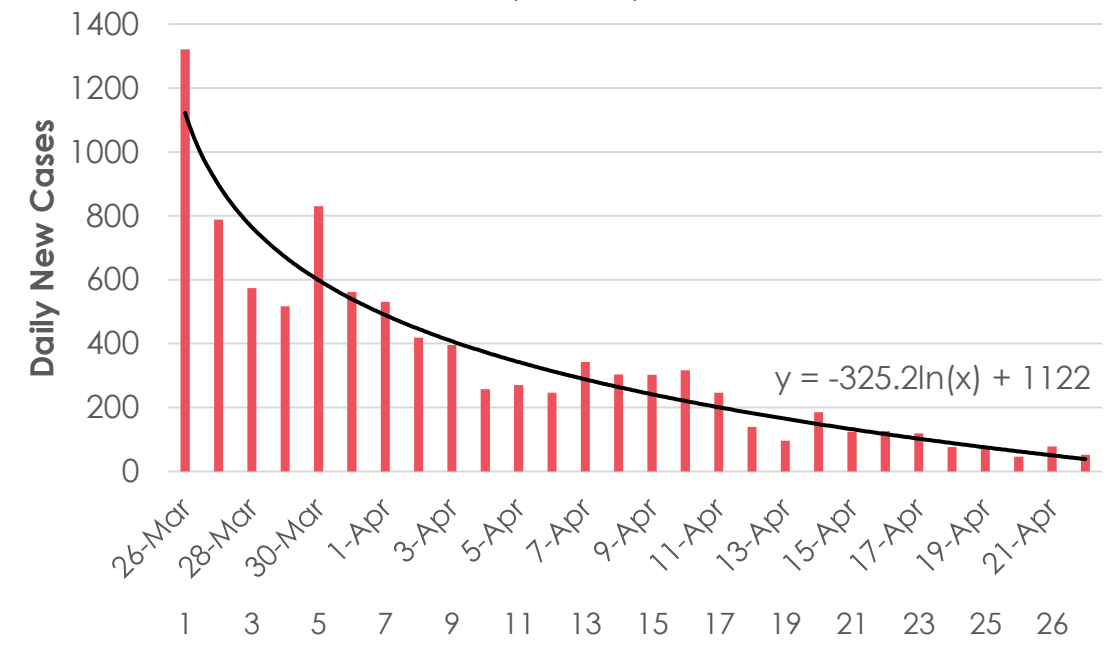
5-Day Moving Average Trendline

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

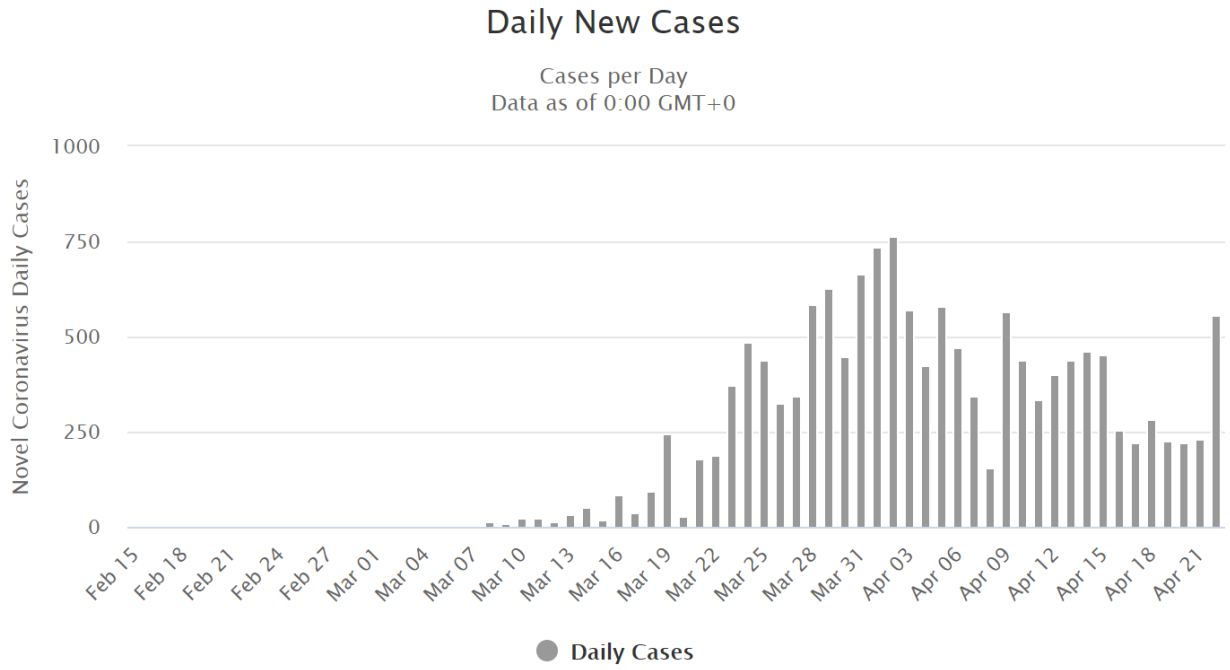


Austria Bar Chart of Daily New Cases from Peak till Today

Logarithmic Trendline
when y = 0; x = 32 (April 27)

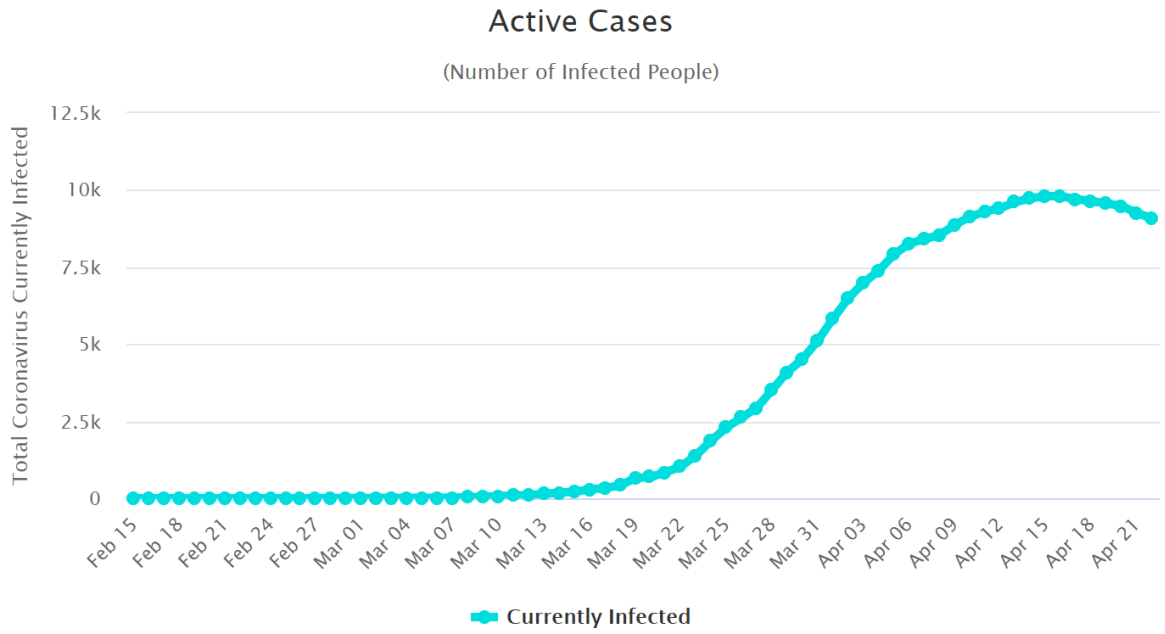


Daily New Cases in Israel



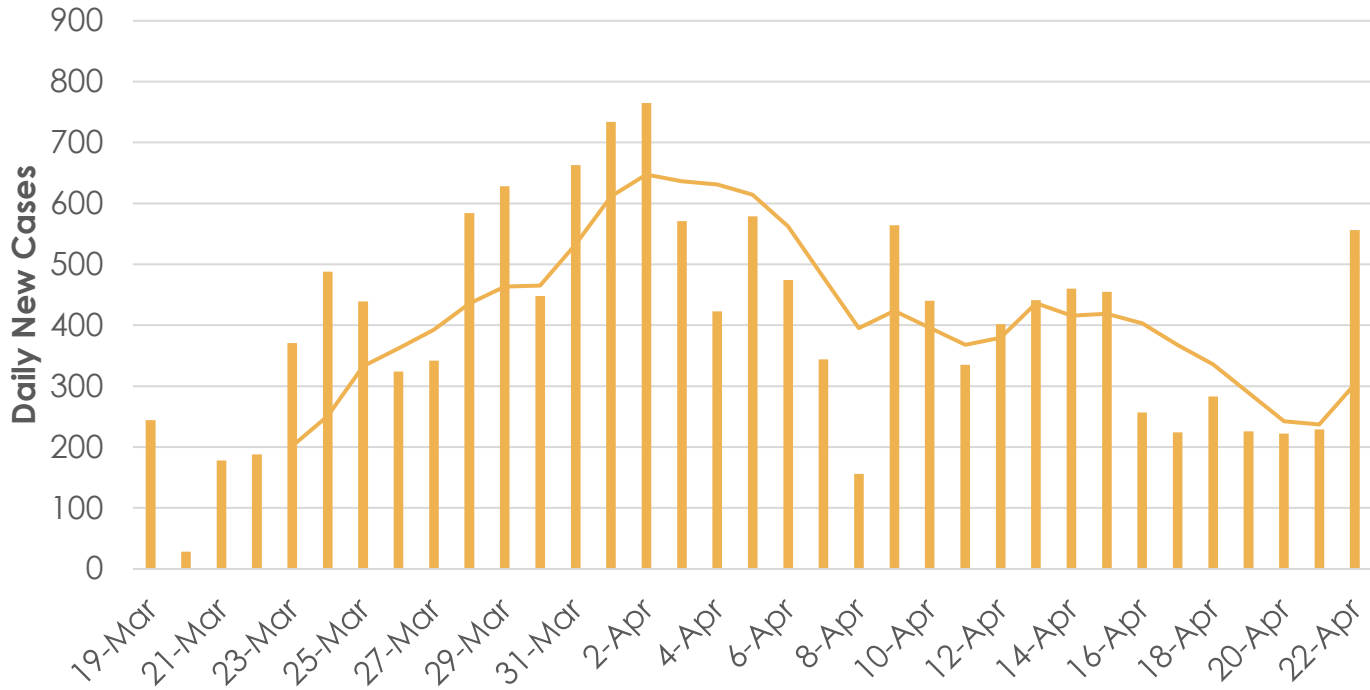
Israel

Active Cases in Israel



5-Day Moving Average Trendline

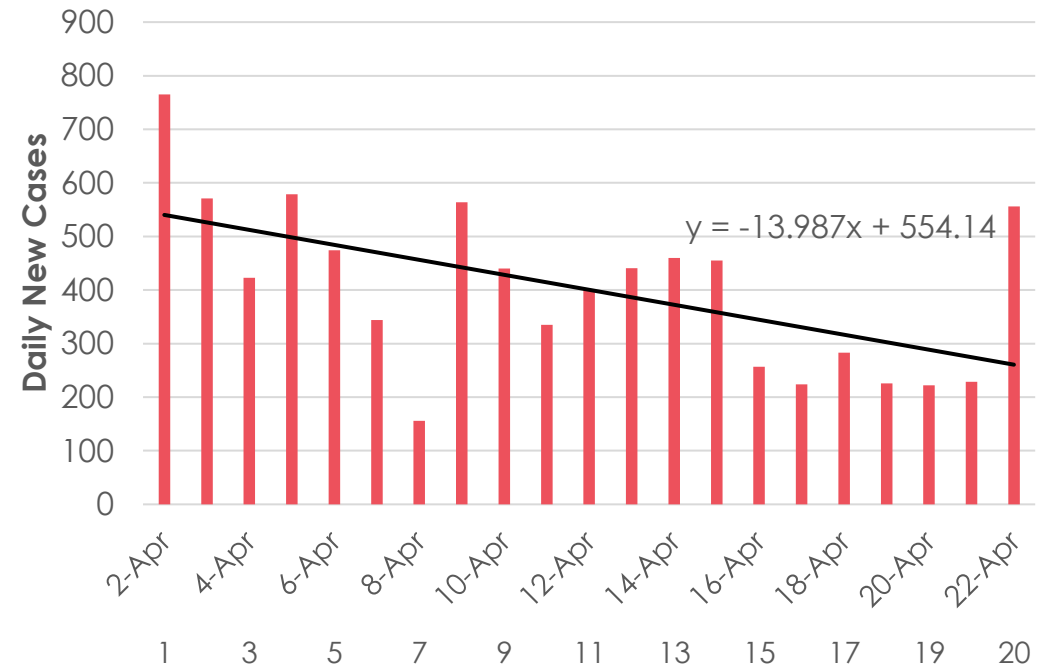
Israel 5 per. Mov. Avg. (Daily New Cases)



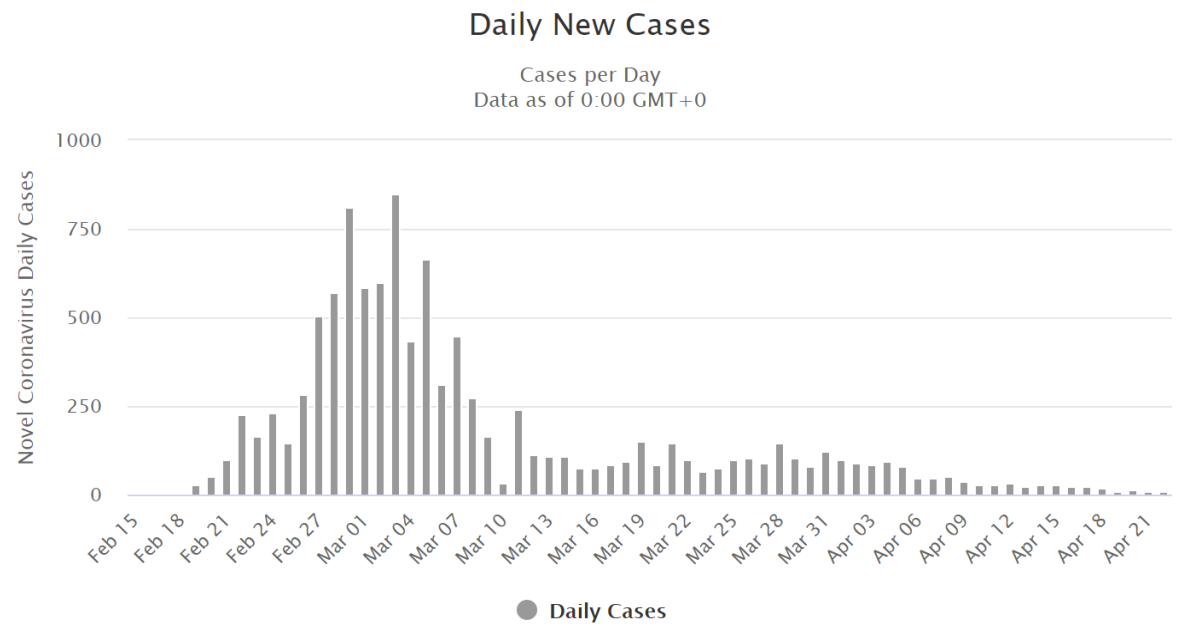
Trendlines for Israel

Israel Bar Chart of Daily New Cases from Peak till Today

Linear Trendline
when $y = 0$; $x = 40$
(May 12)

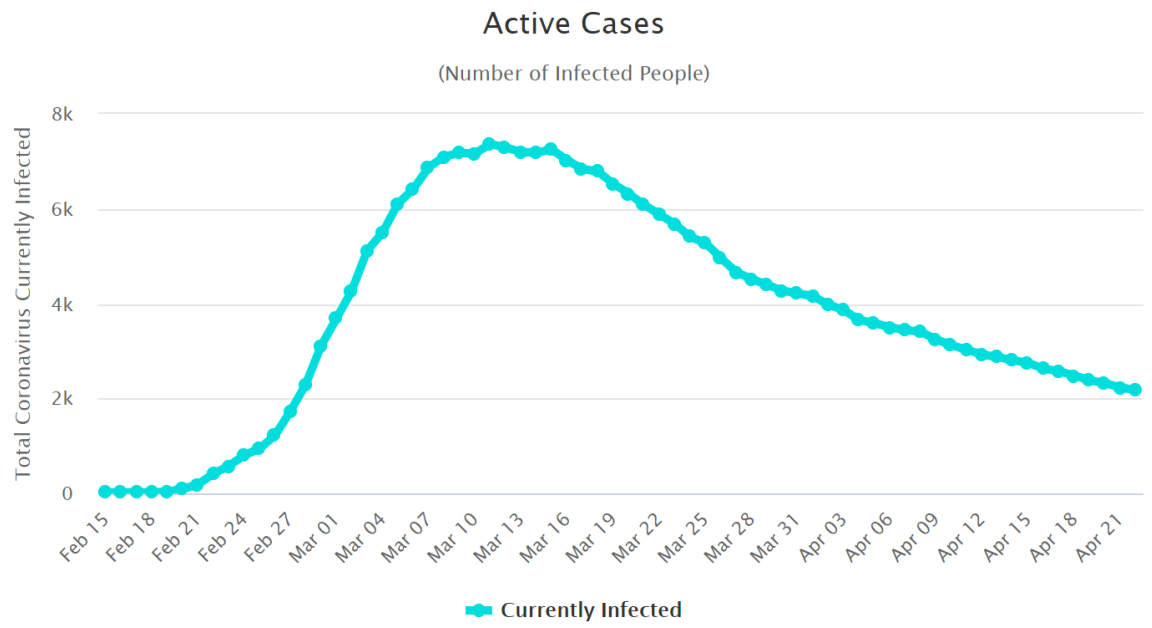


Daily New Cases in South Korea

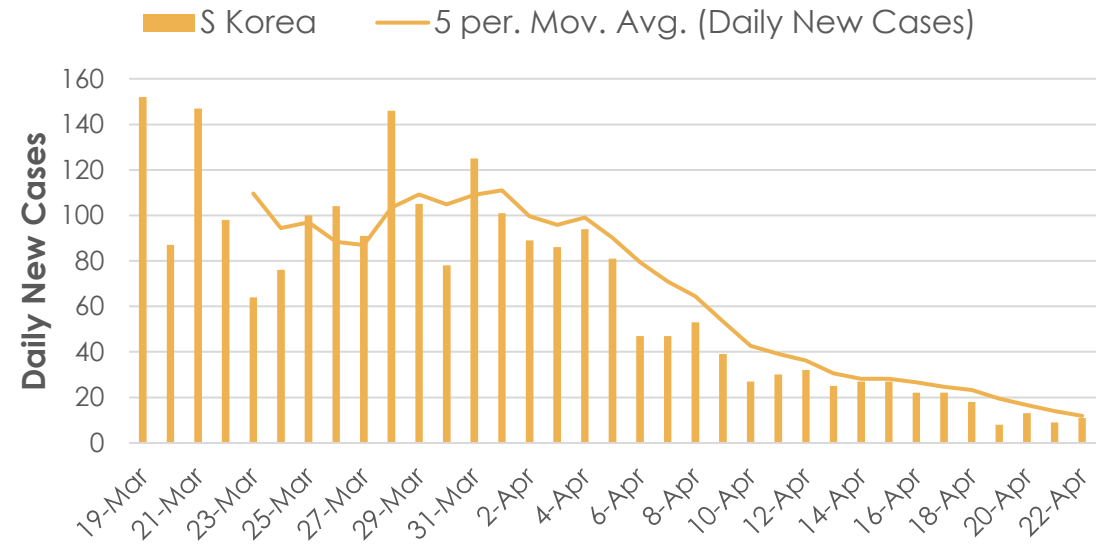


South Korea

Active Cases in South Korea



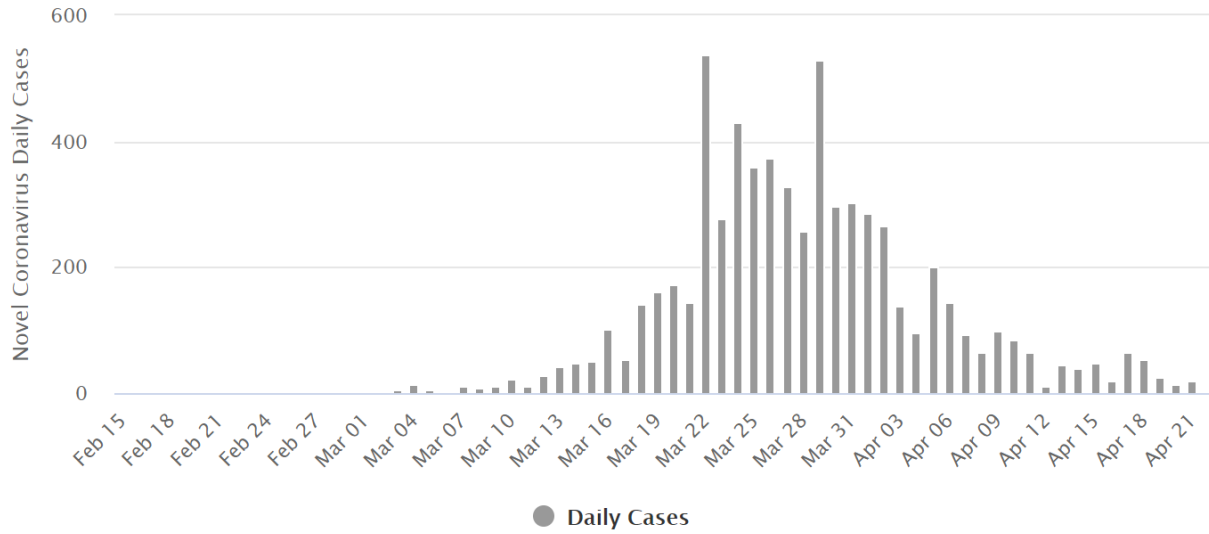
5-Day Moving Average Trendline



Daily New Cases in Australia

Daily New Cases

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

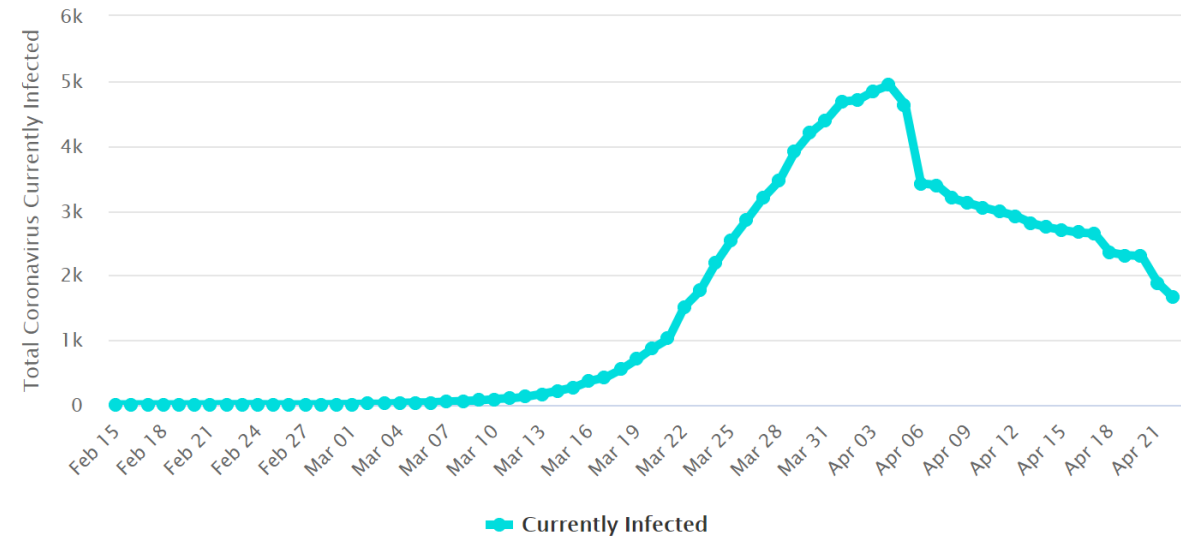


Australia

Active Cases in Australia

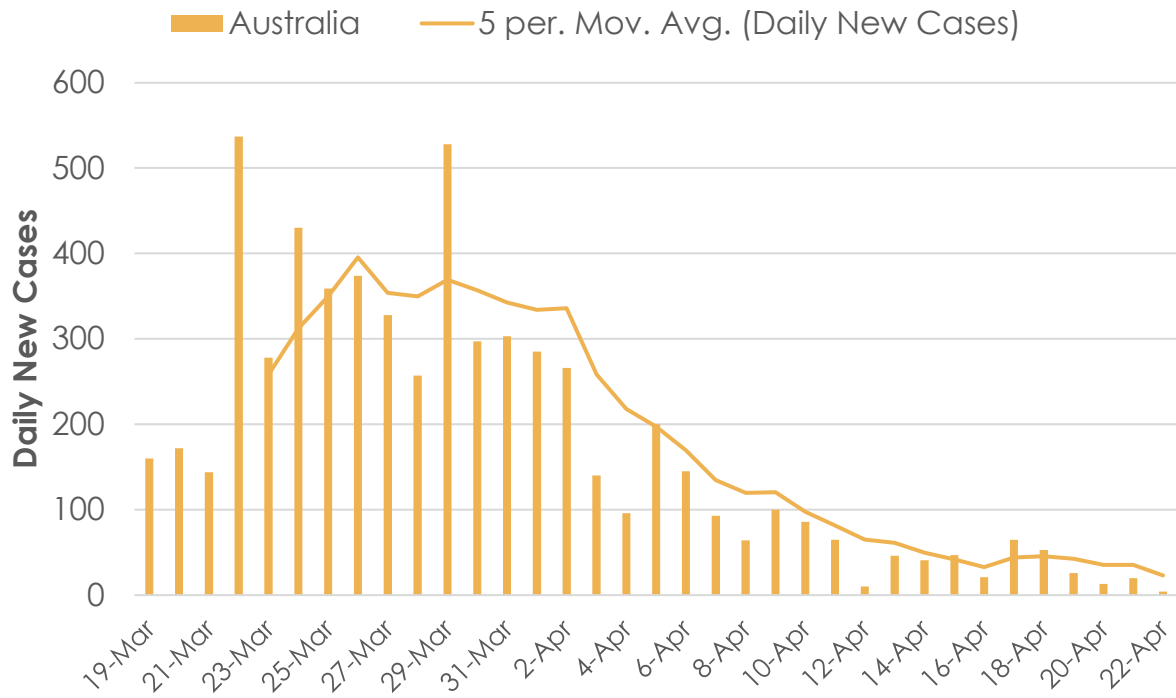
Active Cases

(Number of Infected People)

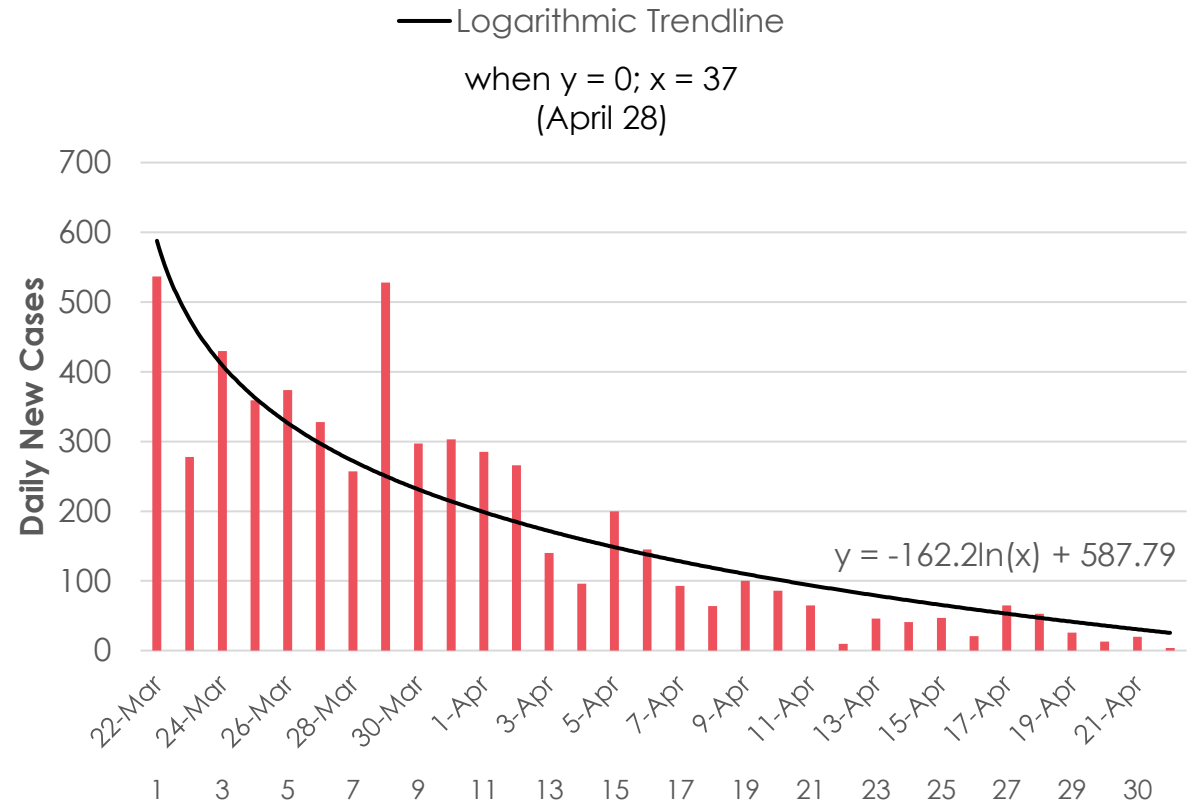


Trendlines for Australia

5-Day Moving Average Trendline

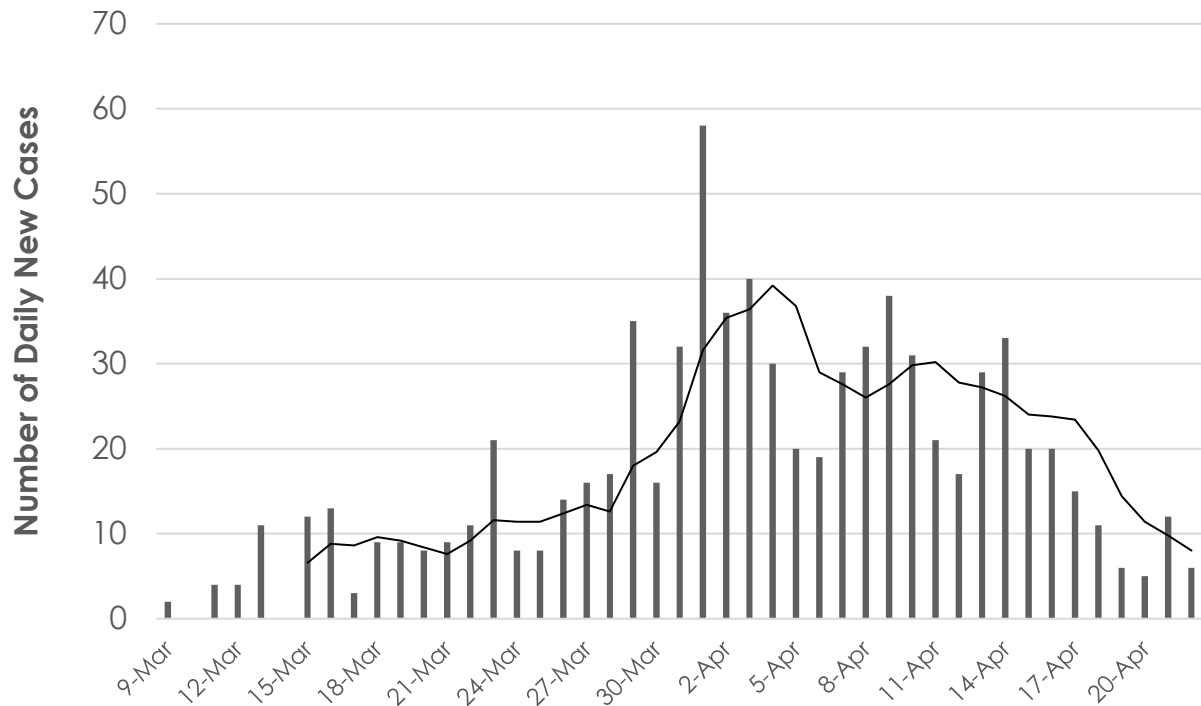


Australia Bar Chart of Daily New Cases from Peak till Today



Daily New Cases in Cyprus

— 5 per. Mov. Avg. (Daily New Cases)

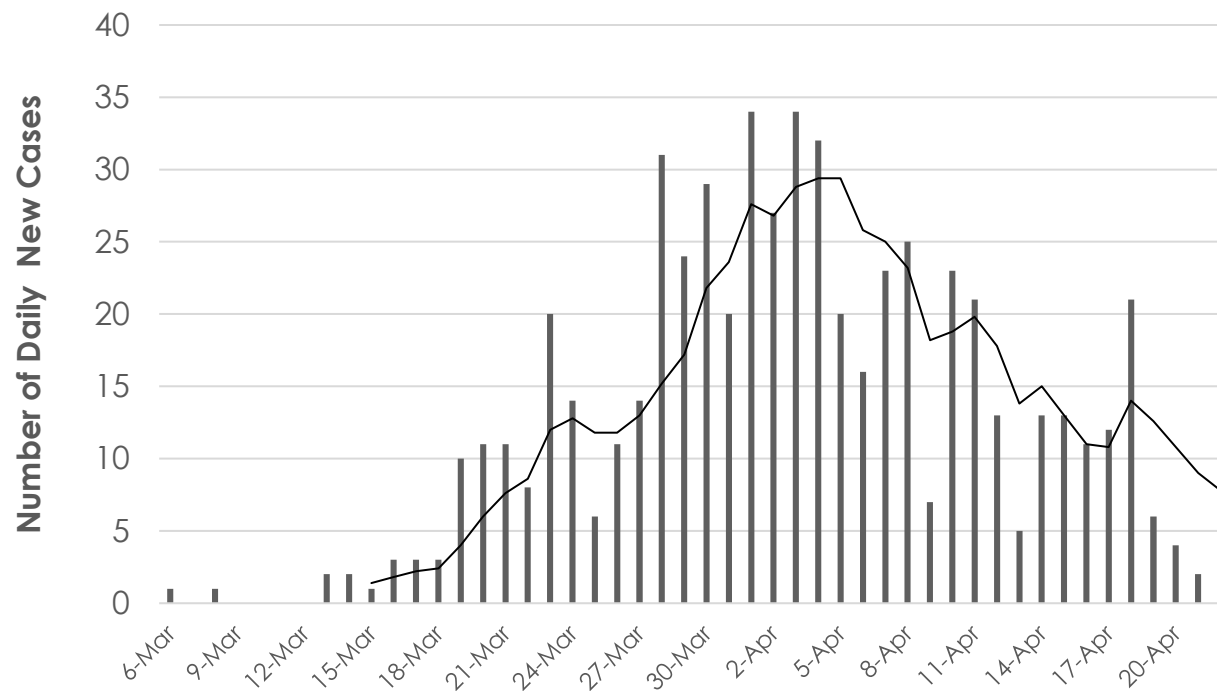


Cyprus

Correlation, r (Between Cyprus and Hawaii) = 0.627
 r is significant at $\alpha = 5\%$

Daily New Cases in Hawaii

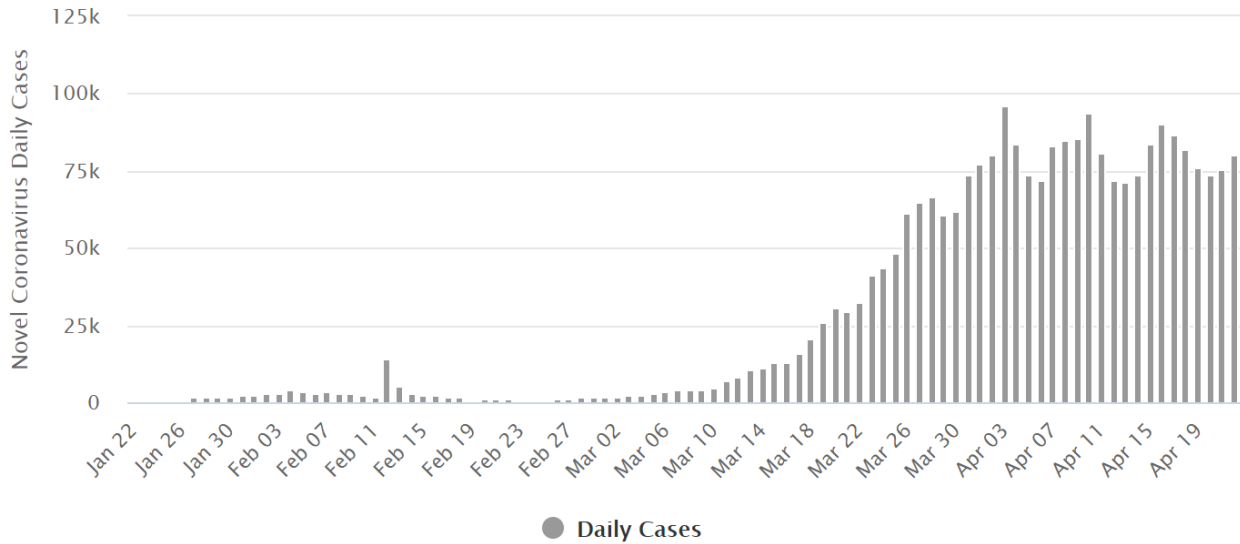
— 5 per. Mov. Avg. (Daily New Cases)



Hawaii

Daily New Cases

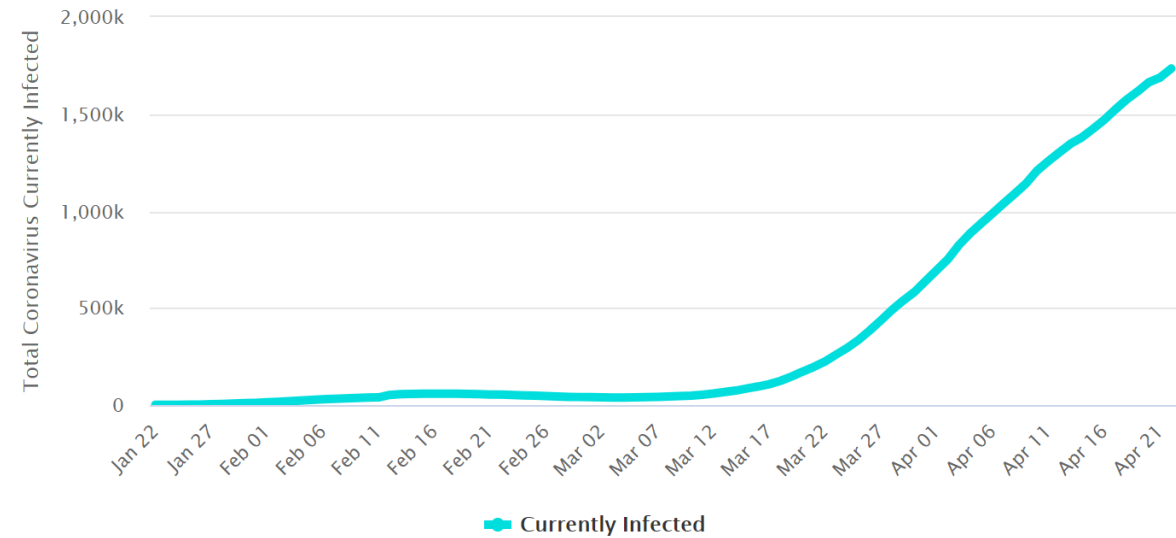
Cases per Day
Data as of 0:00 GMT+0



Worldwide

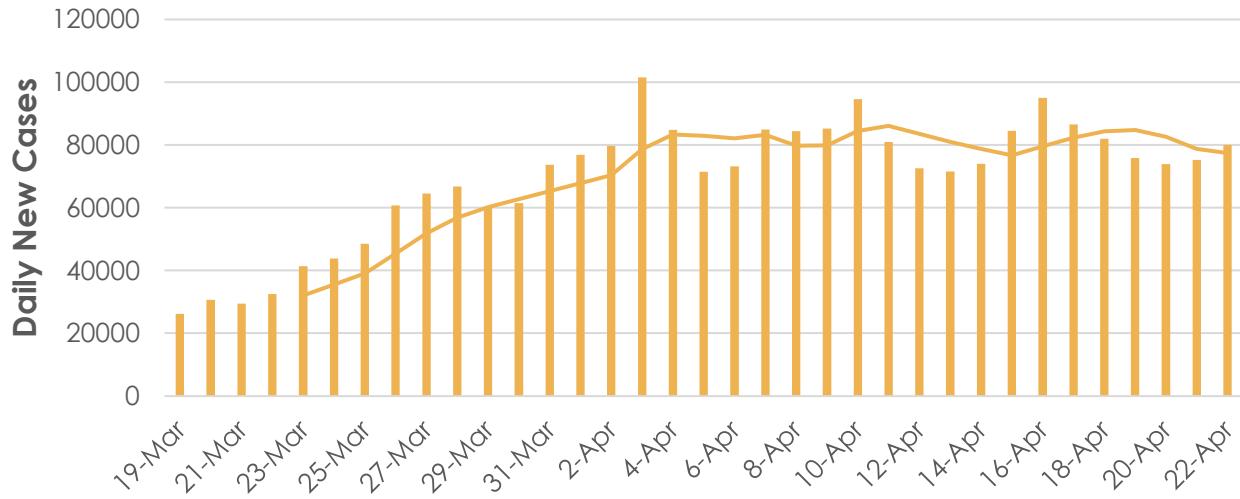
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

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



	Daily Cases	Population	Pop/10m	Cut off for logarithmic regression	Linear regression	Logarithmic regression
Spain	4,211	46,751,178	4.675118	519		2/11/2021
Italy	3,370	60,479,460	6.047946	671		4/29/2022
Germany	2,195	83,730,512	8.373051	929		7/11/2020
Iran	1,194	83,776,094	8.377609	930	5/5/2020	8/23/2020
Switzerland	205	8,641,938	0.864194	96		7/6/2020
Austria	52	8,996,119	0.899612	100	4/21/2020	4/27/2020
Australia	4	25,440,289	2.544029	282	4/19/2020	4/28/2020
Israel	556	8,628,141	0.862814	96	5/12/2020	11/5/2020

