

COVID-19 Cases

As of Wednesday 4/29/2020, 5:00PM HST

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

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

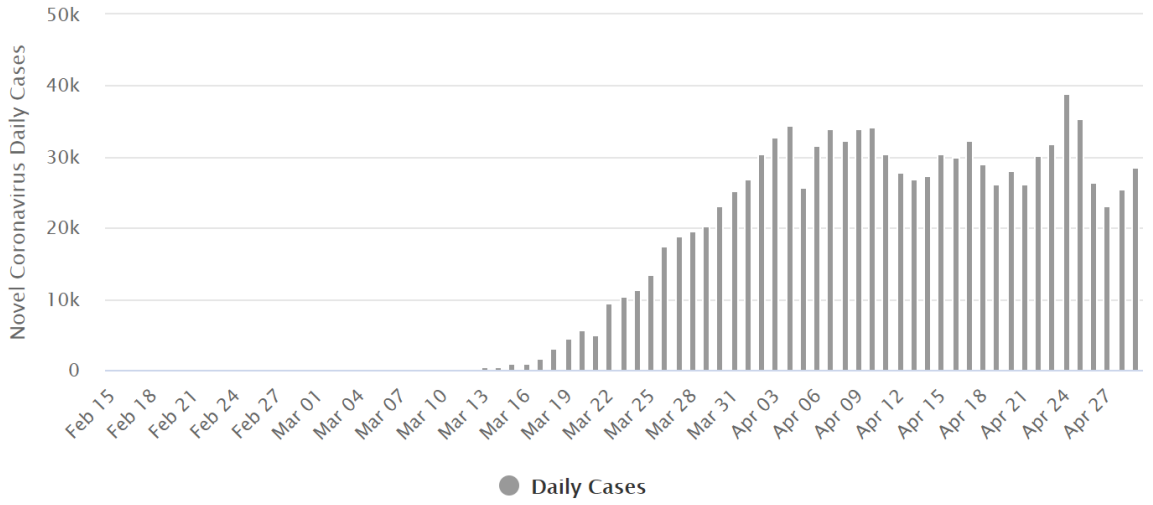
Statistics regarding daily new cases are also included for Hawaii.

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

Daily New Cases in the United States

Daily New Cases

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

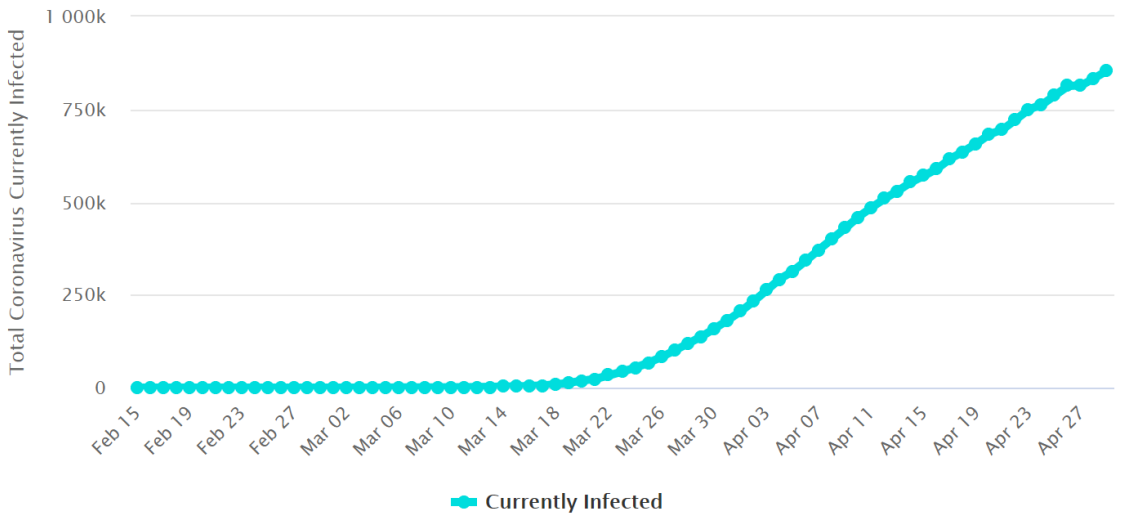


1. USA

Active Cases in the United States

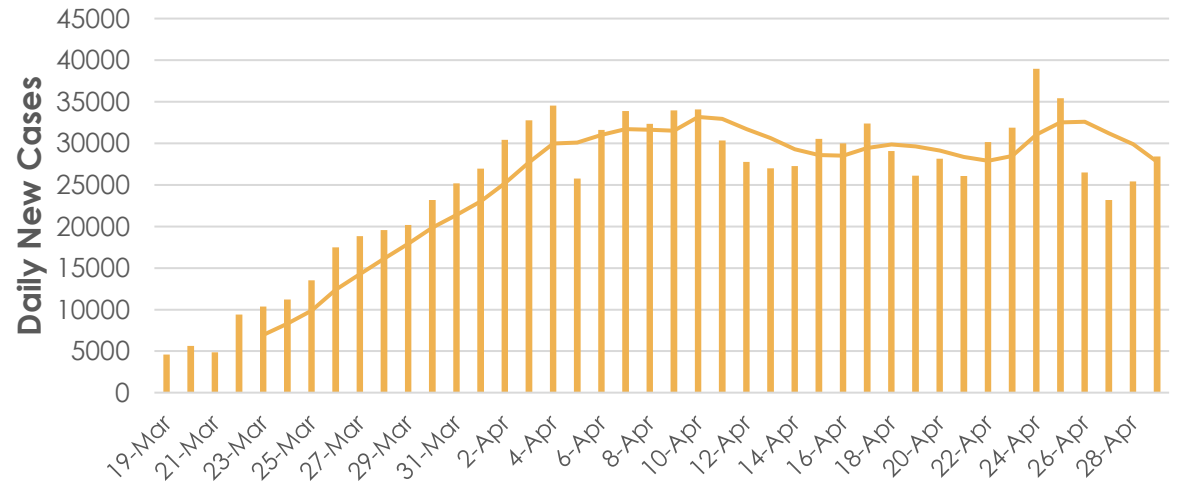
Active Cases

(Number of Infected People)

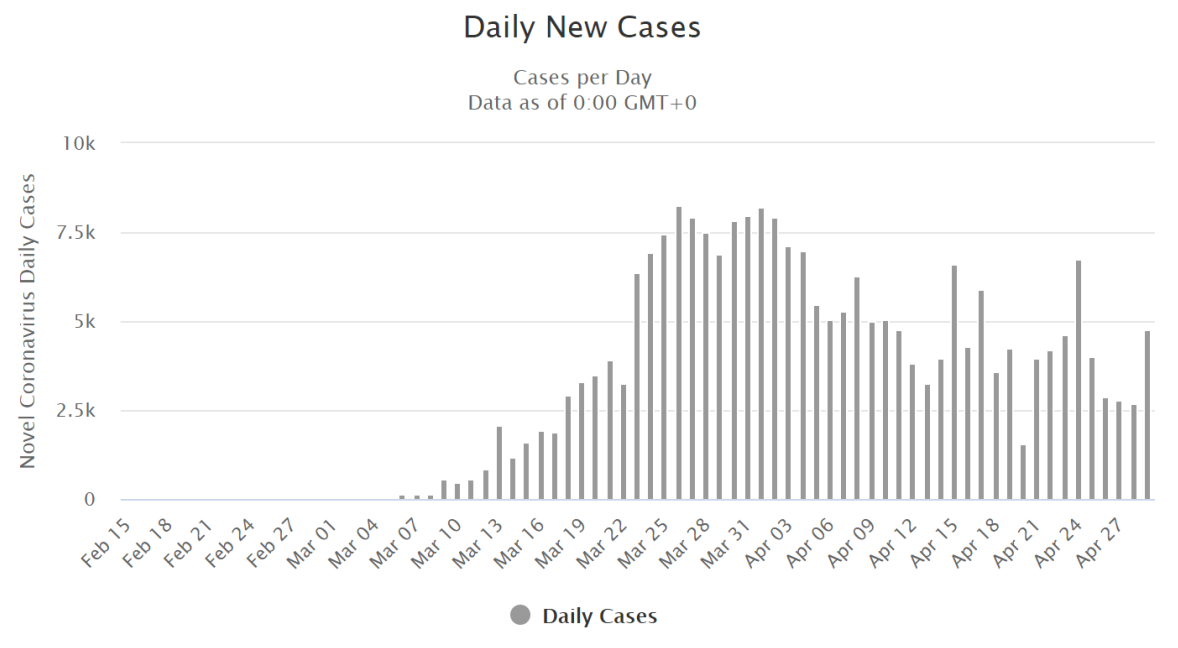


5-Day Moving Average Trendline

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

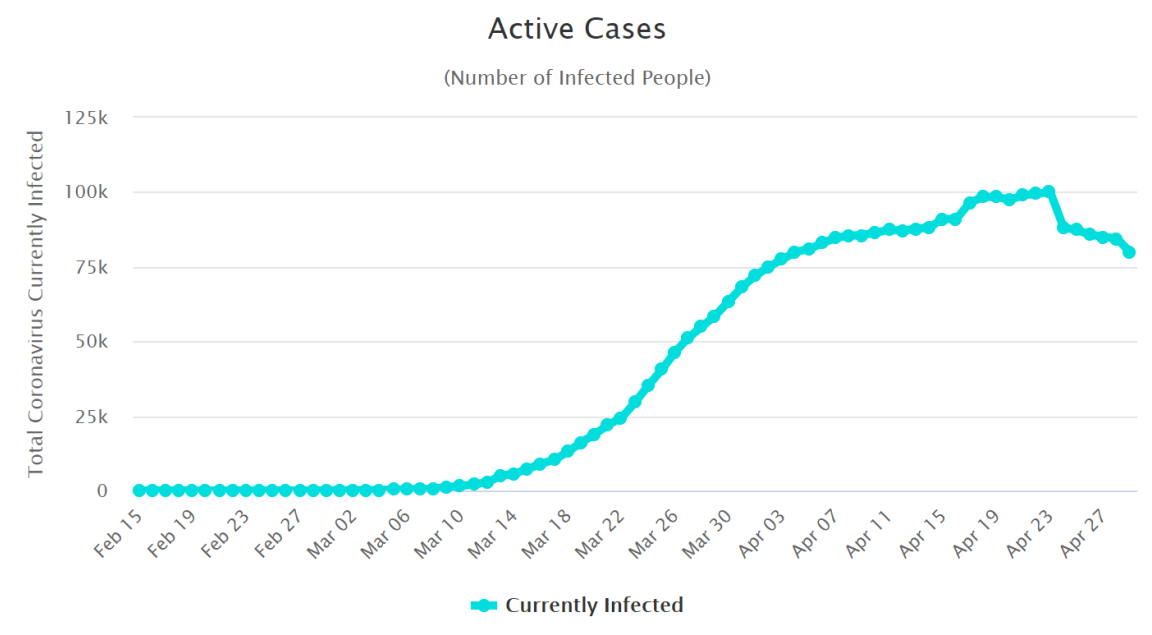


Daily New Cases in Spain

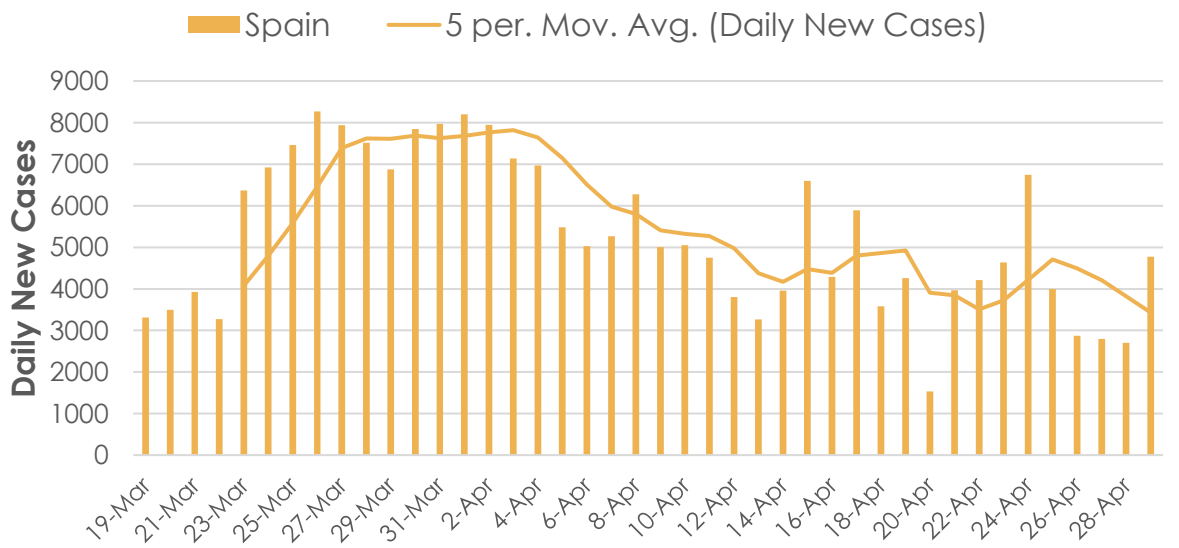


2. Spain

Active Cases in Spain



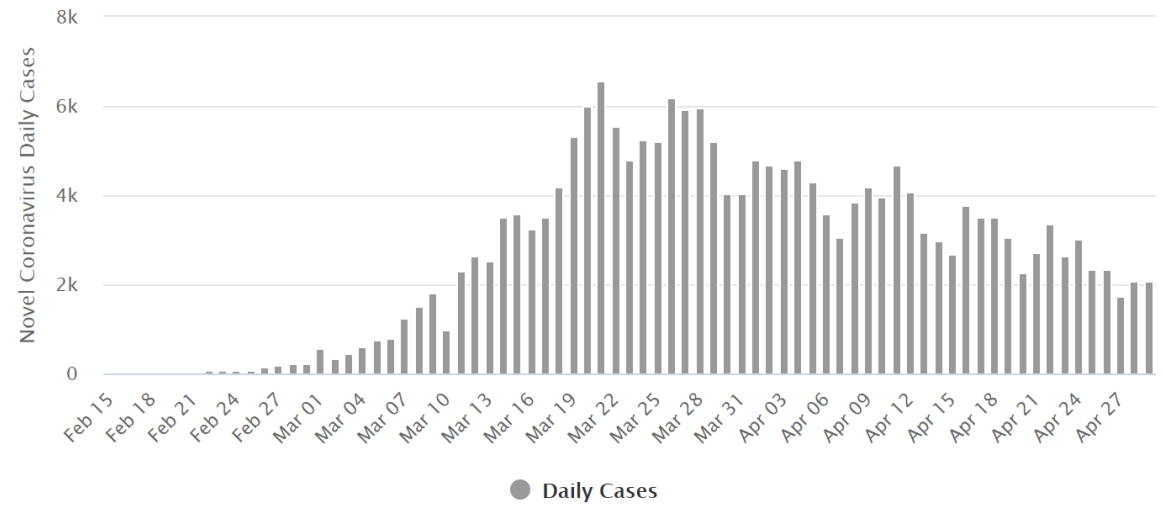
5-Day Moving Average Trendline



Daily New Cases in Italy

Daily New Cases

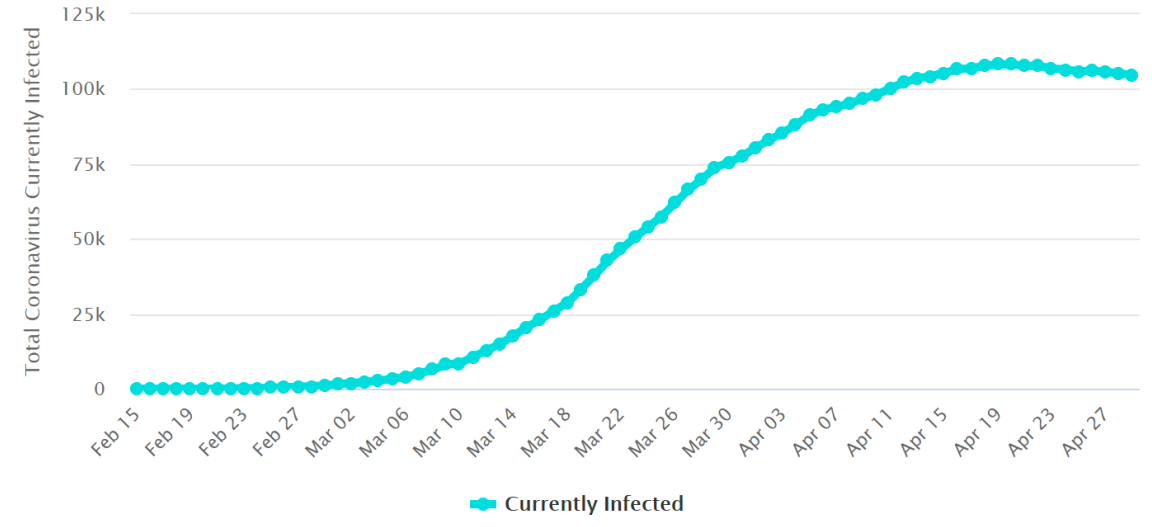
Cases per Day
Data as of 0:00 GMT+0



3. Italy

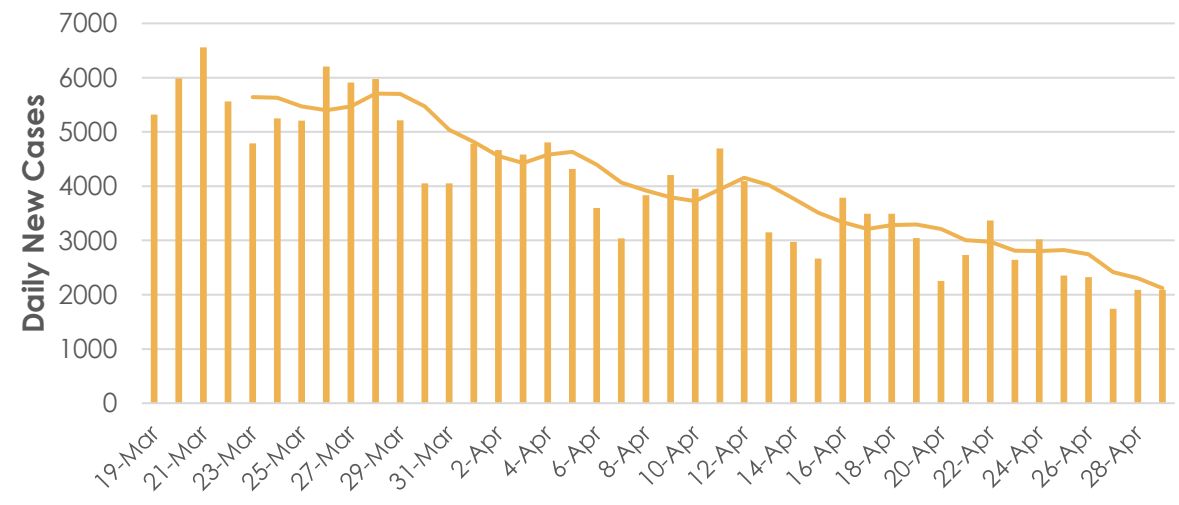
Active Cases in Italy

Active Cases
(Number of Infected People)



5-Day Moving Average Trendline

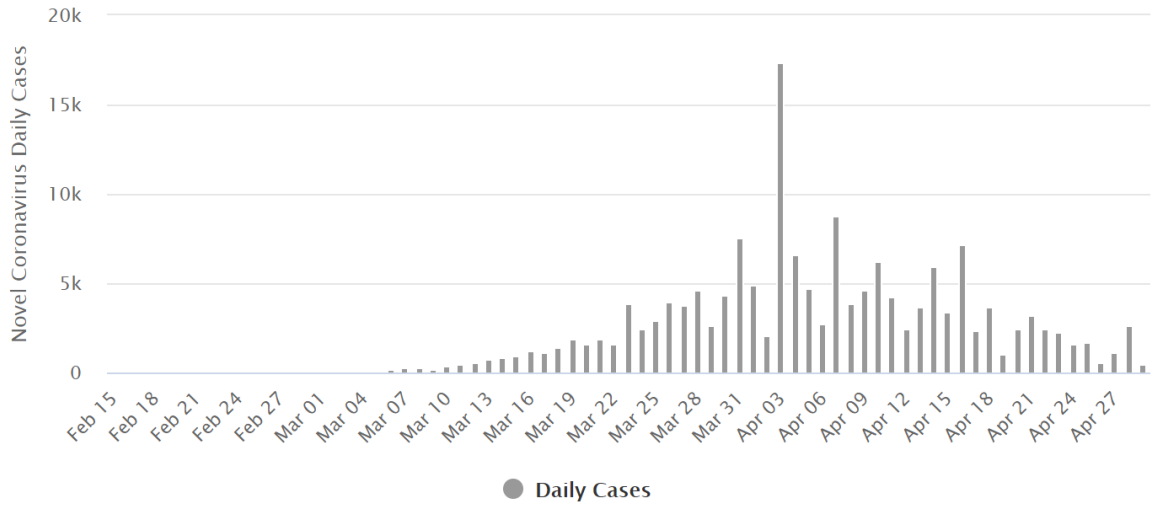
Italy 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in France

Daily New Cases

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



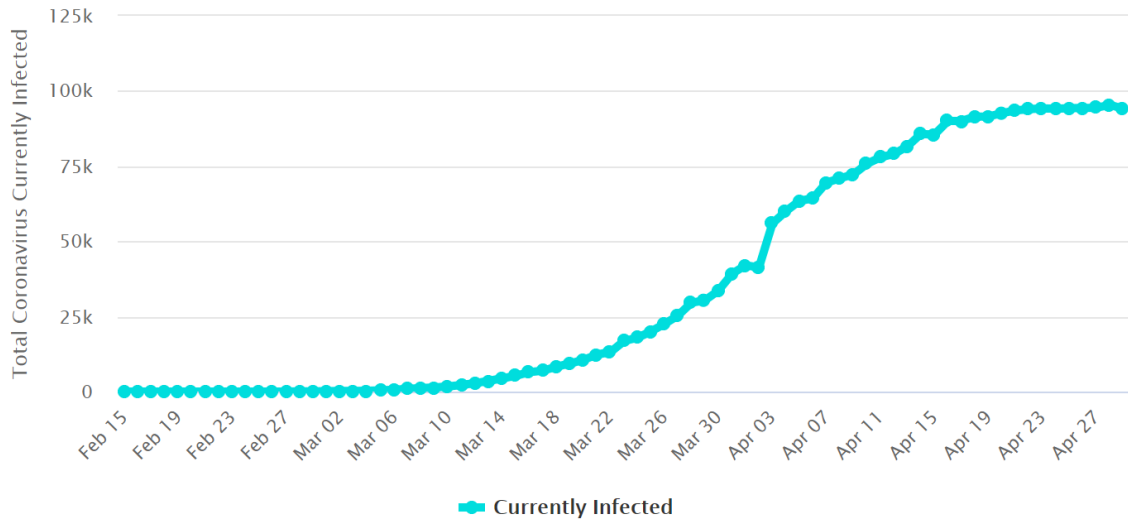
4. France

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

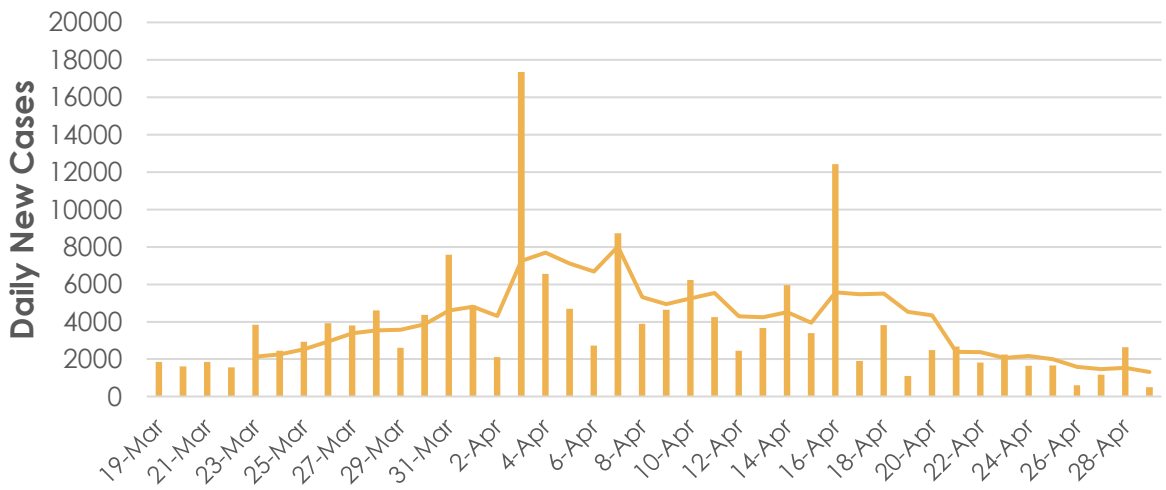
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

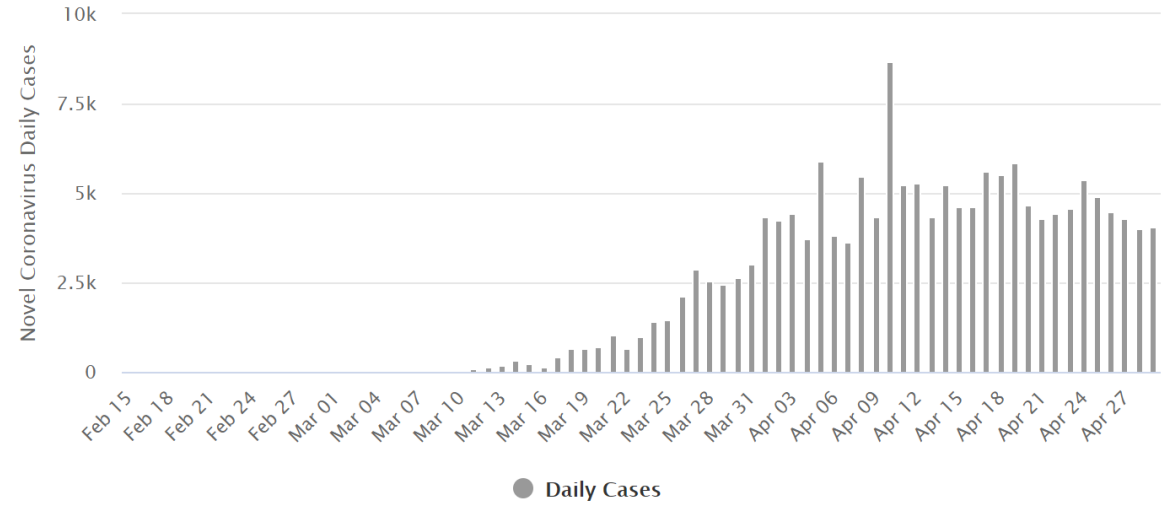
France 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in the United Kingdom

Daily New Cases

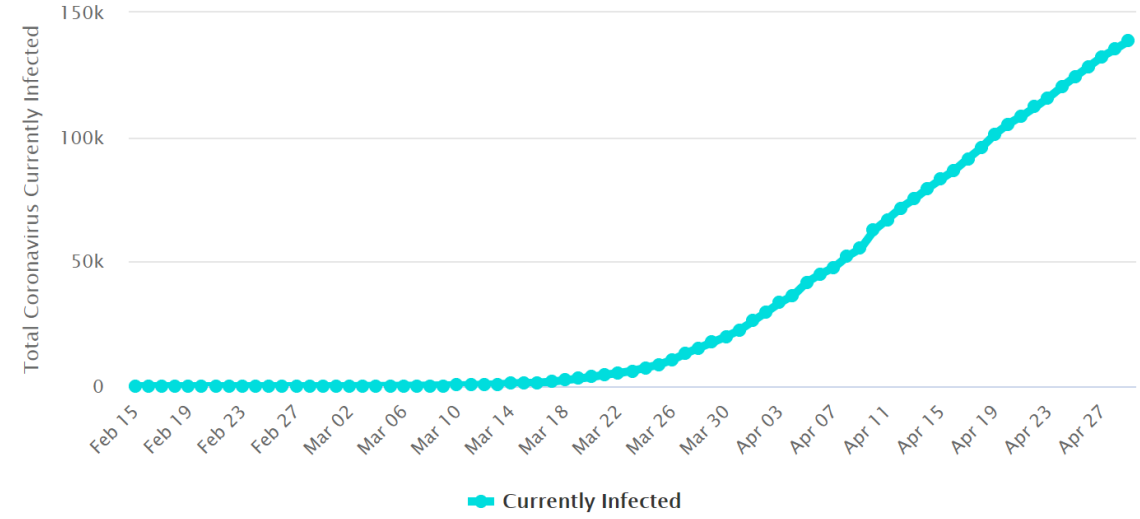
Cases per Day
Data as of 0:00 GMT+0



5. UK

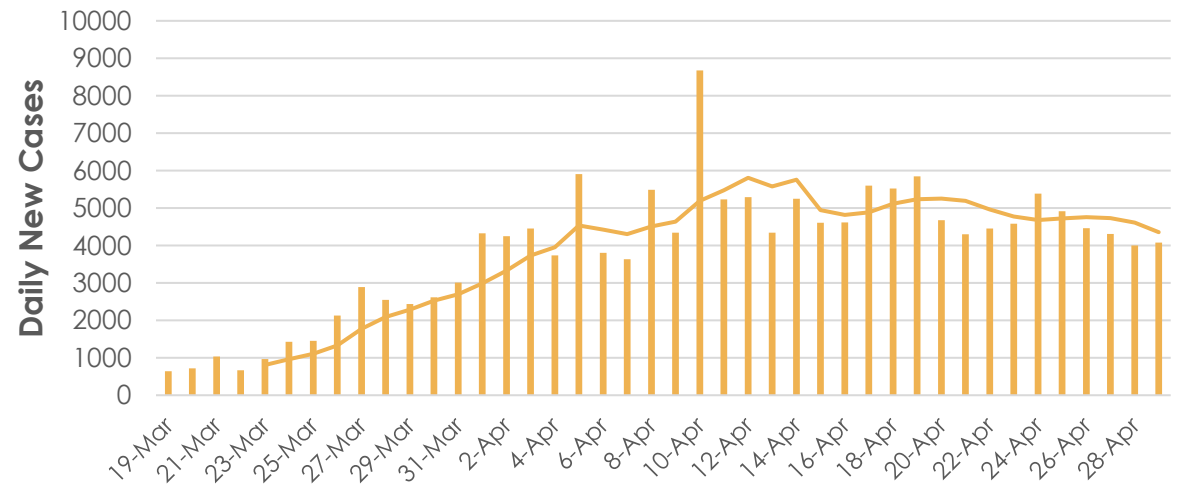
Active Cases in the United Kingdom

Active Cases
(Number of Infected People)

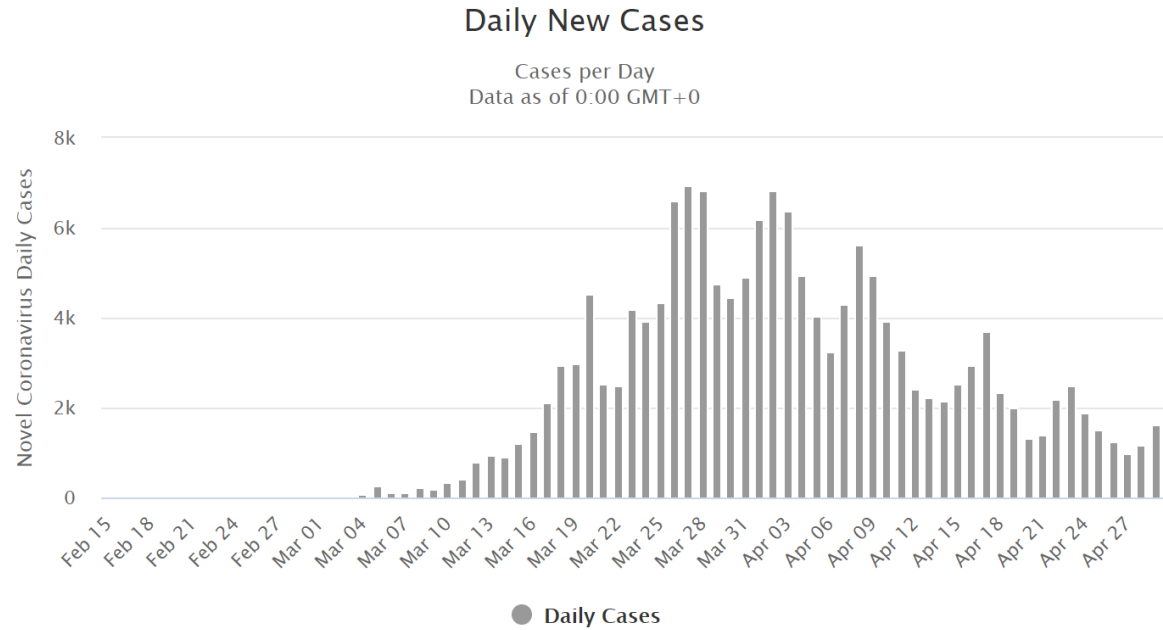


5-Day Moving Average Trendline

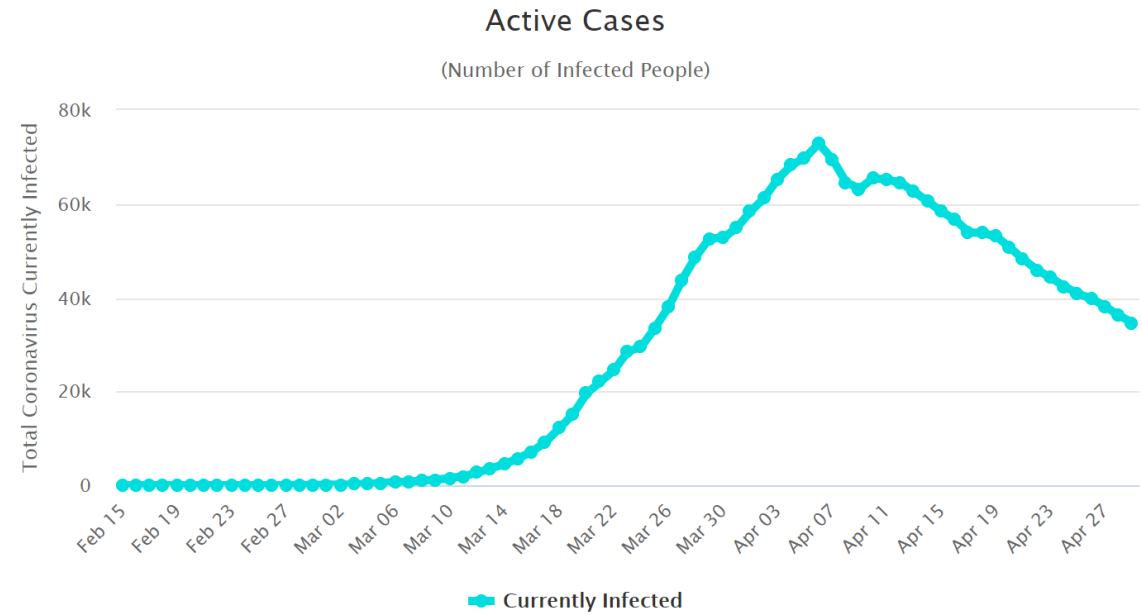
UK 5 per. Mov. Avg. (Daily New Cases)



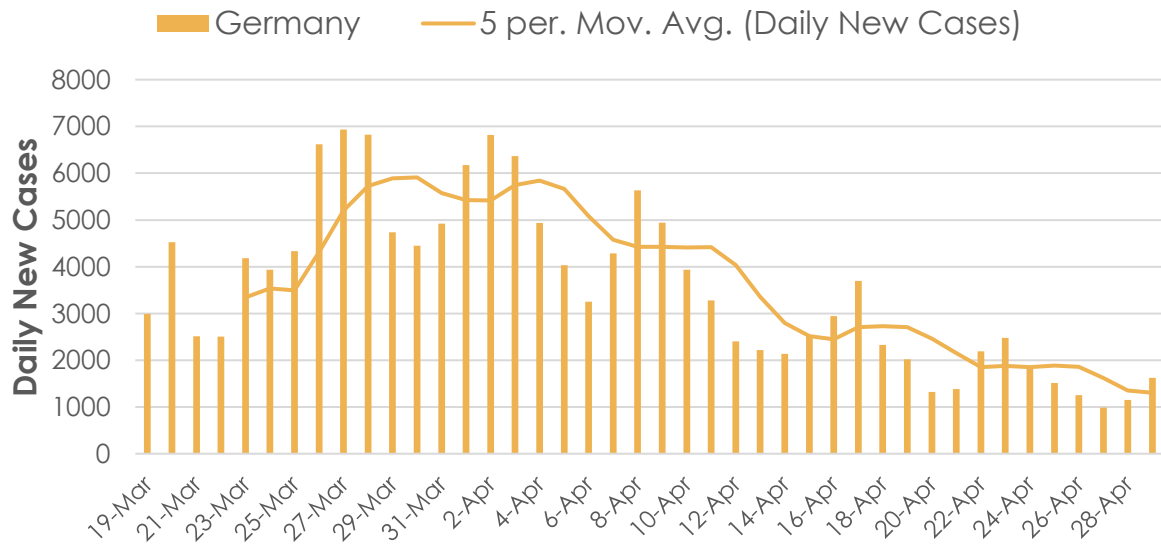
Daily New Cases in Germany



Active Cases in Germany

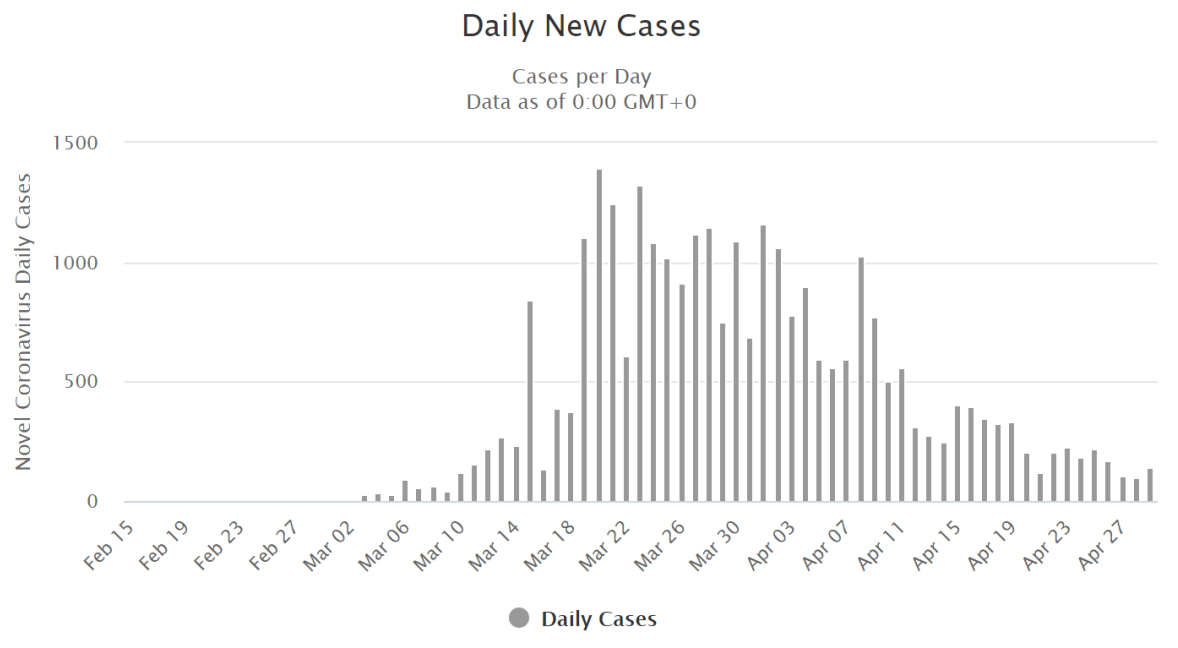


5-Day Moving Average Trendline



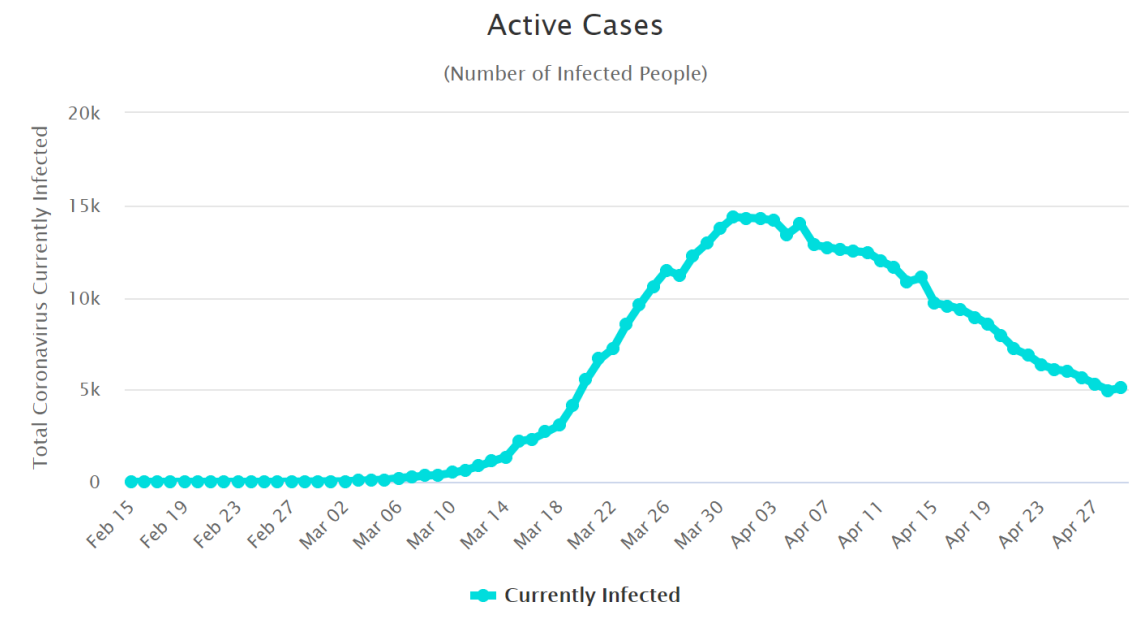
6. Germany

Daily New Cases in Switzerland

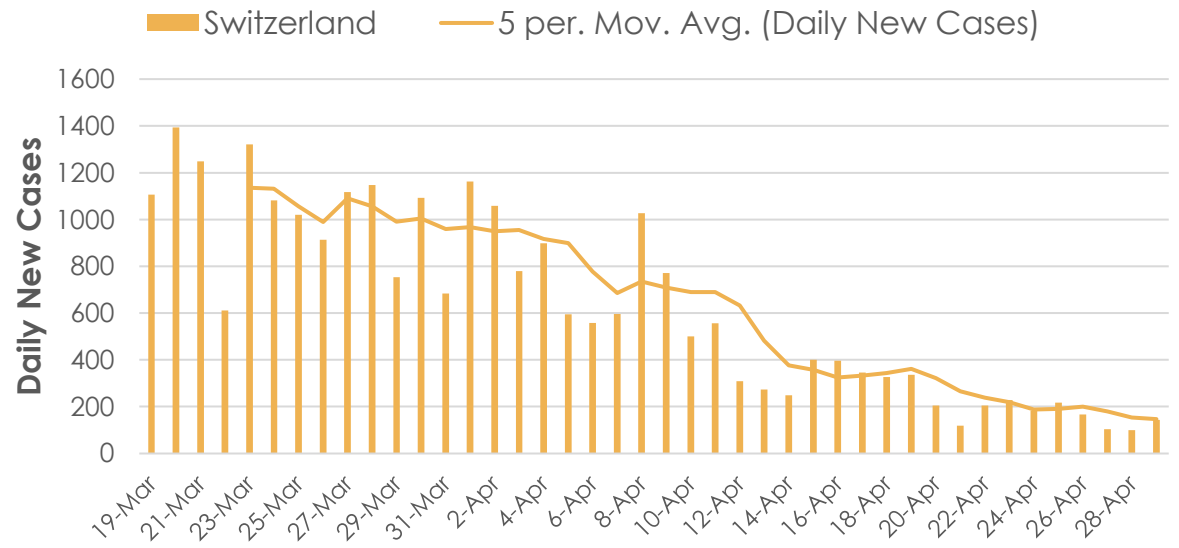


Switzerland

Active Cases in Switzerland



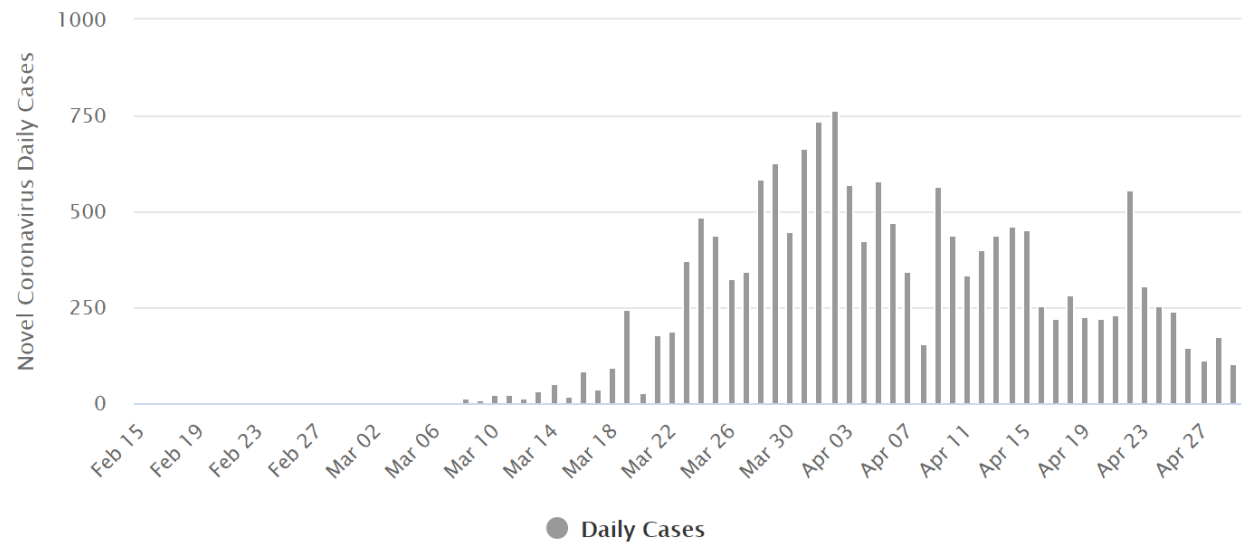
5-Day Moving Average Trendline



Daily New Cases in Israel

Daily New Cases

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

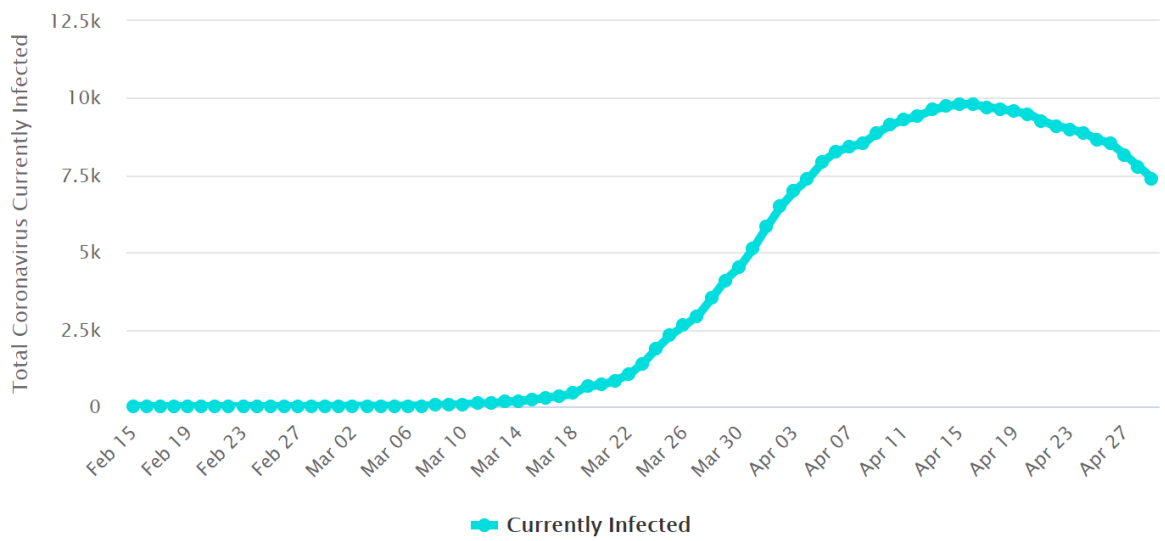


Israel

Active Cases in Israel

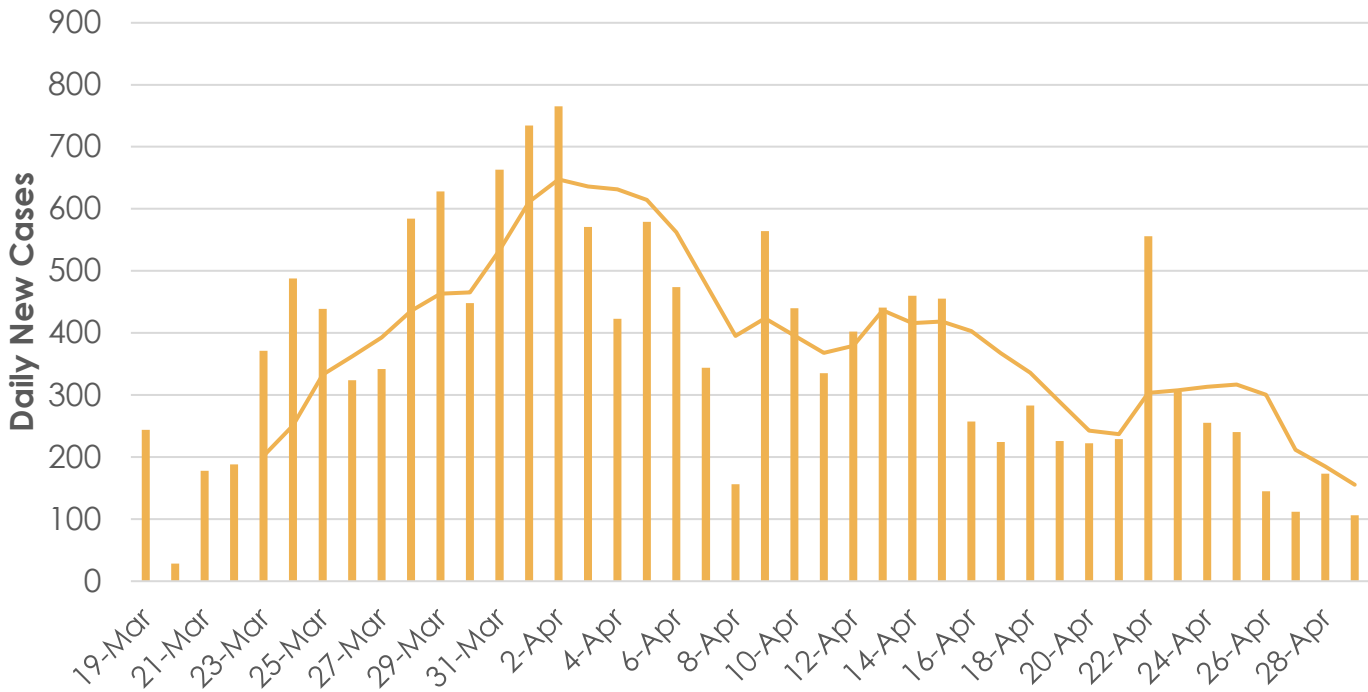
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

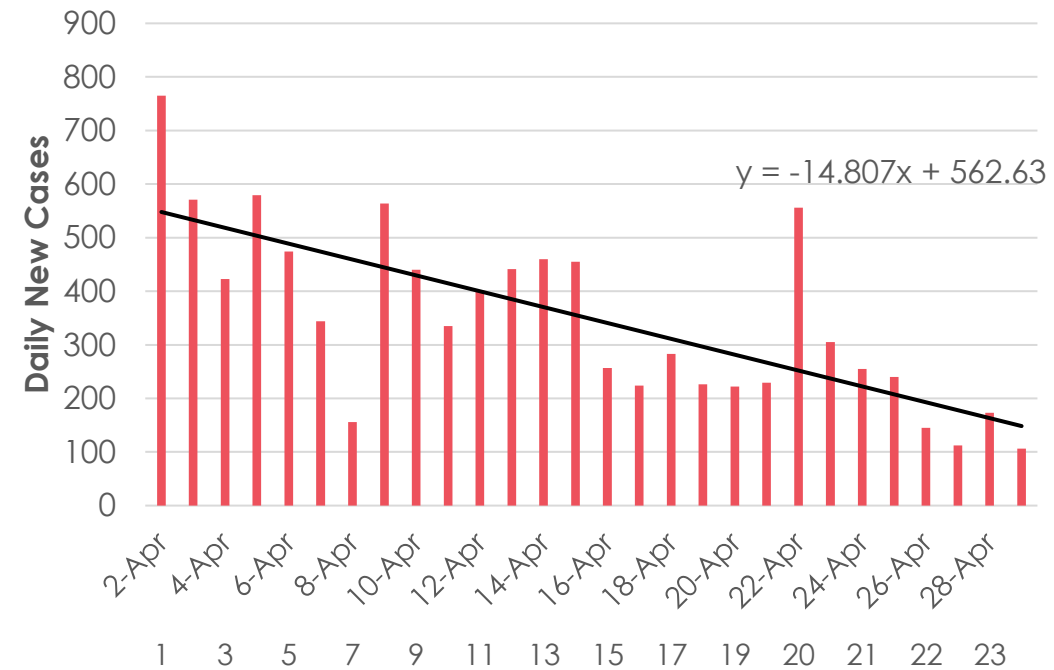
Israel 5 per. Mov. Avg. (Daily New Cases)



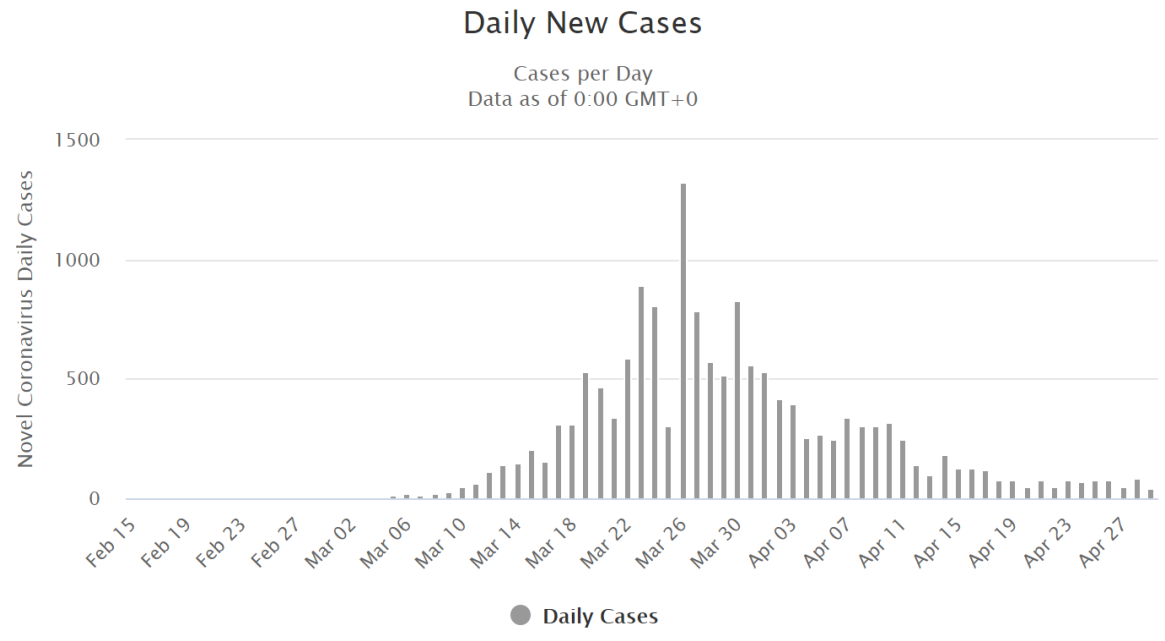
Trendlines for Israel

Israel Bar Chart of Daily New Cases from Peak till Today

Linear Trendline
when $y = 0; x = 38$
(May 10)

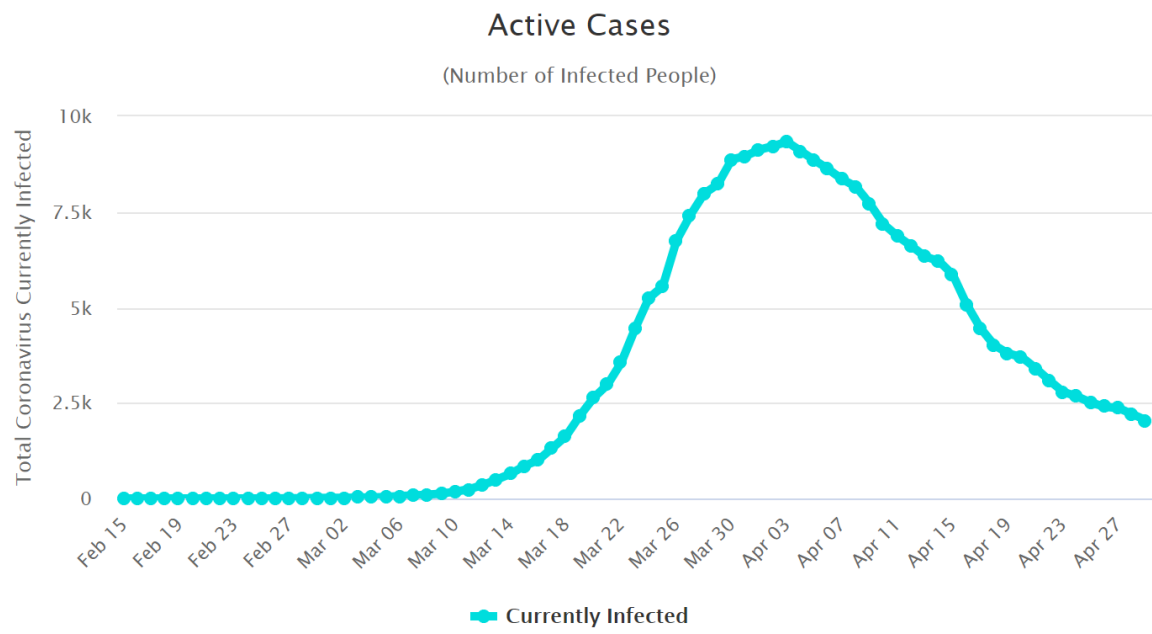


Daily New Cases in Austria

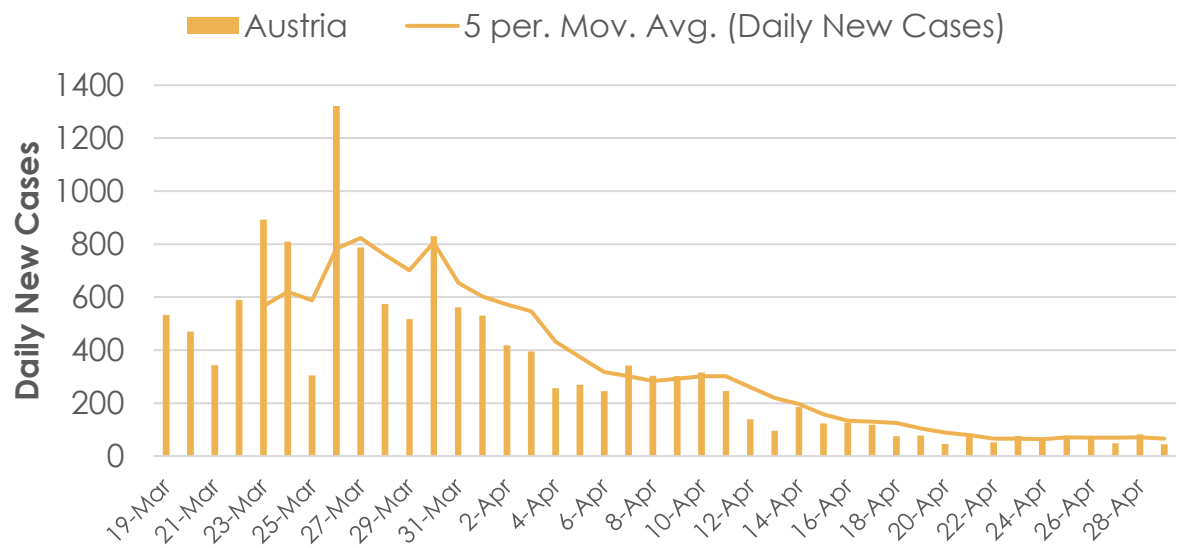


Austria

Active Cases in Austria

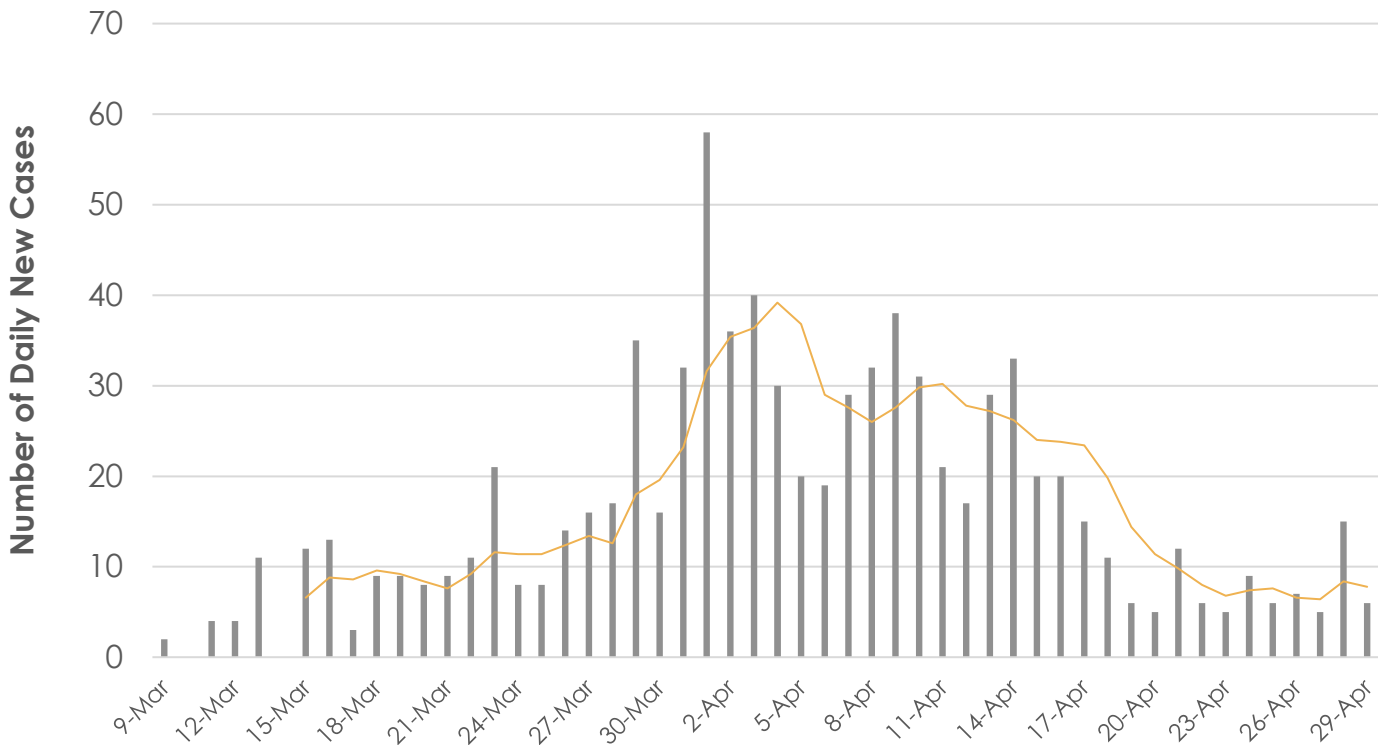


5-Day Moving Average Trendline



Daily New Cases in Cyprus

— 5 per. Mov. Avg. (Daily New Cases)

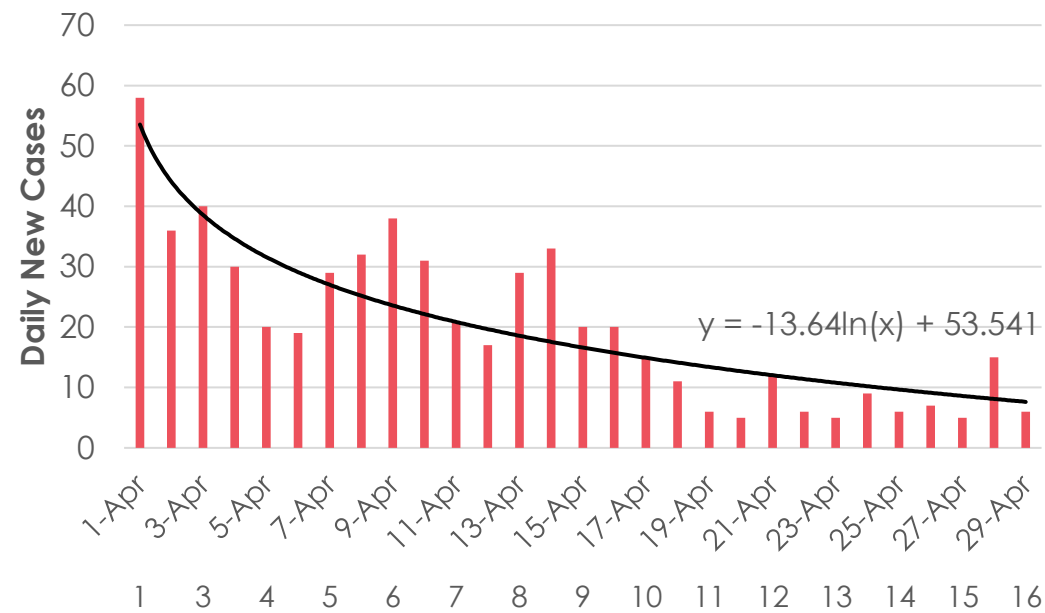


Cyprus

Cyprus Bar Chart of Daily New Cases from Peak Till Today

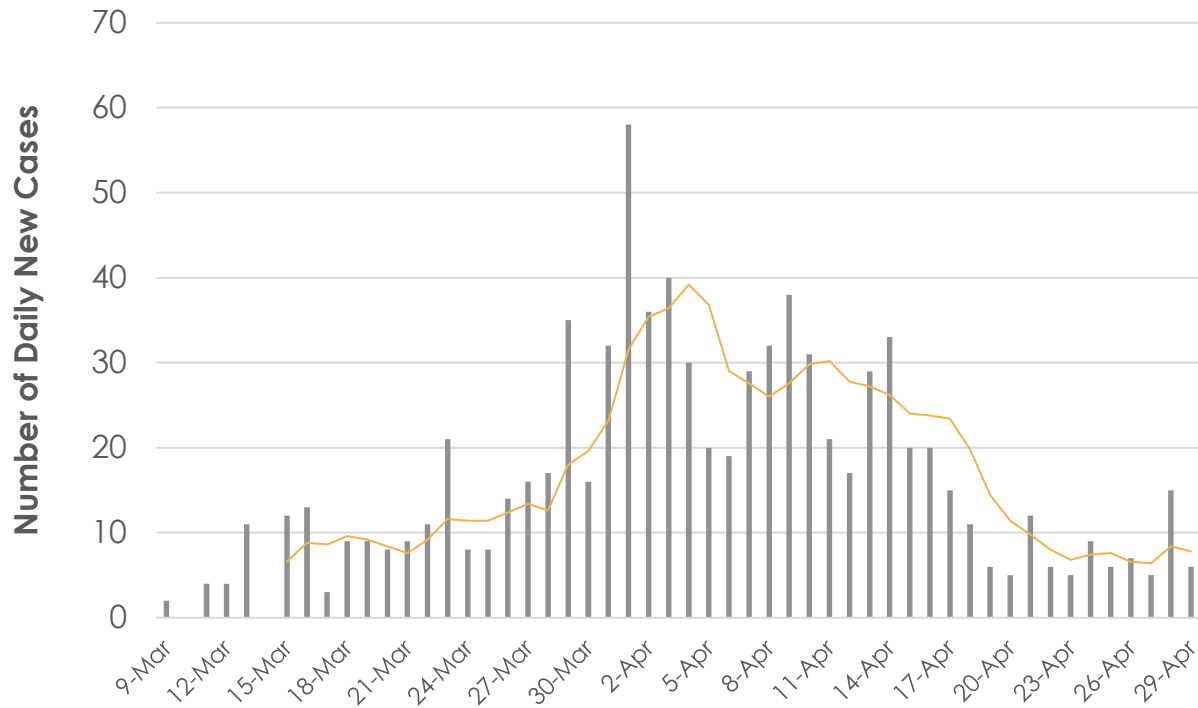
— Logarithmic Trendline

when $y = 0$; $x = 51$
(May 22)



Daily New Cases in Cyprus

— 5 per. Mov. Avg. (Daily New Cases)

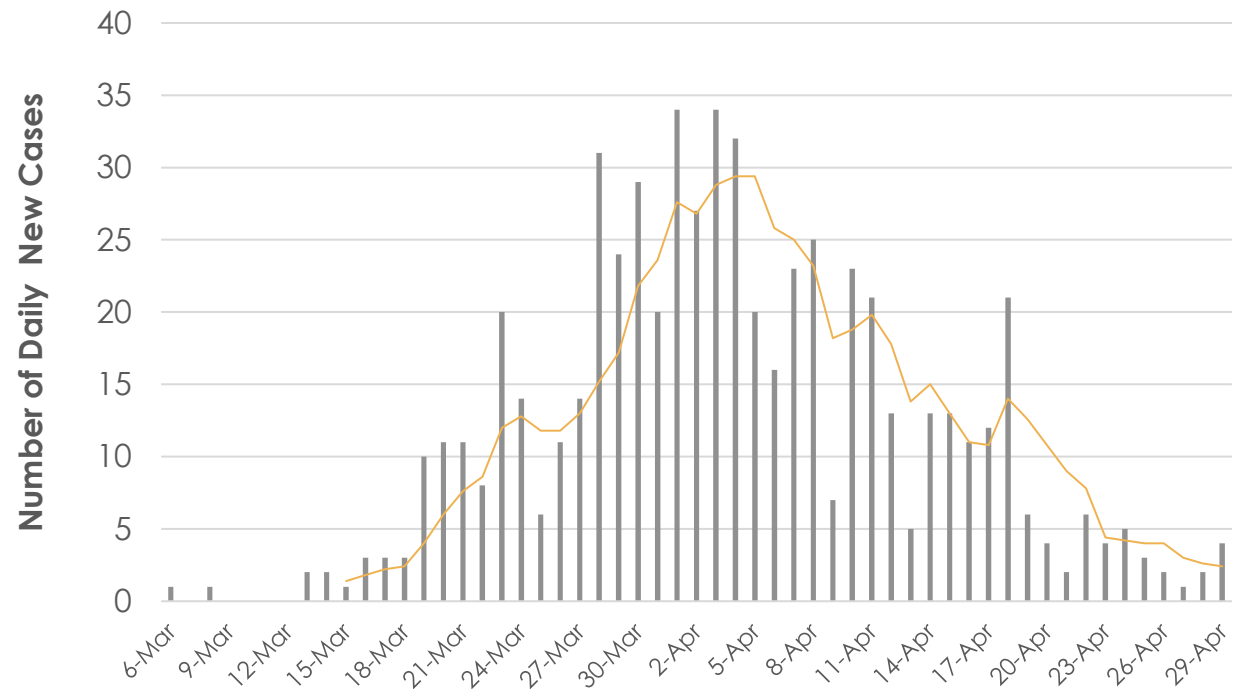


Cyprus

Correlation, r (Between Cyprus and Hawaii) = 0.696
 r is significant at $\alpha = 5\%$

Daily New Cases in Hawaii

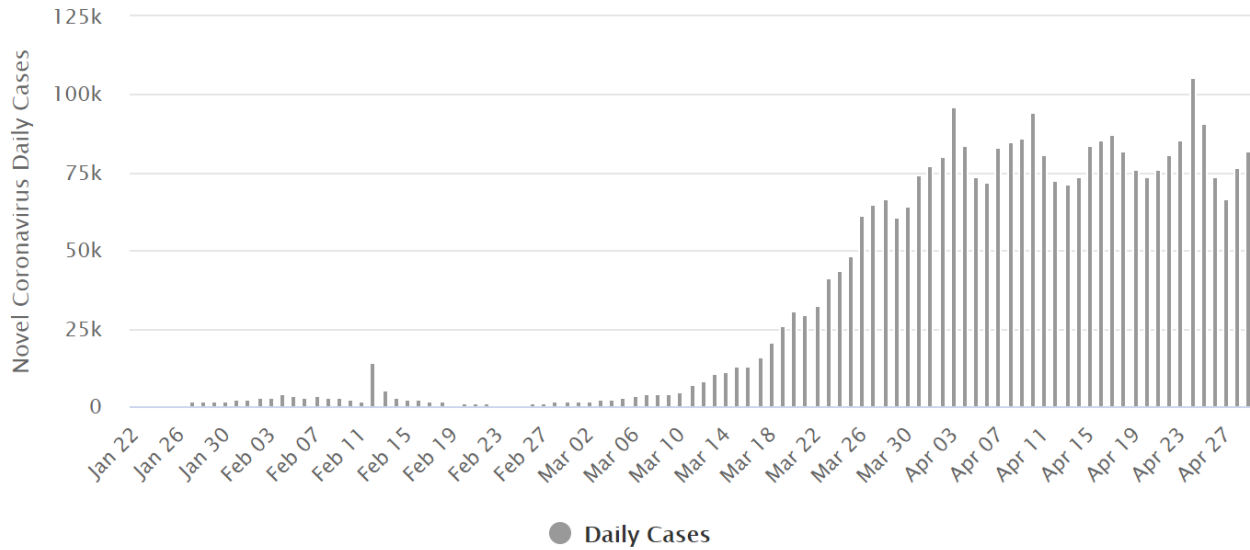
— 5 per. Mov. Avg. (Daily New Cases)



Hawaii

Daily New Cases

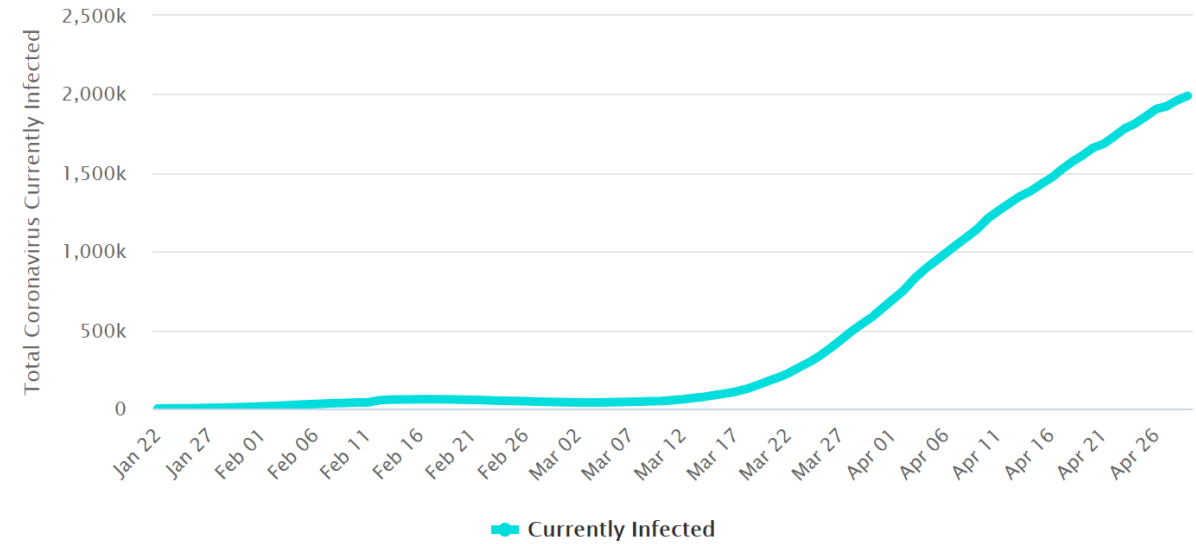
Cases per Day
Data as of 0:00 GMT+0



Worldwide

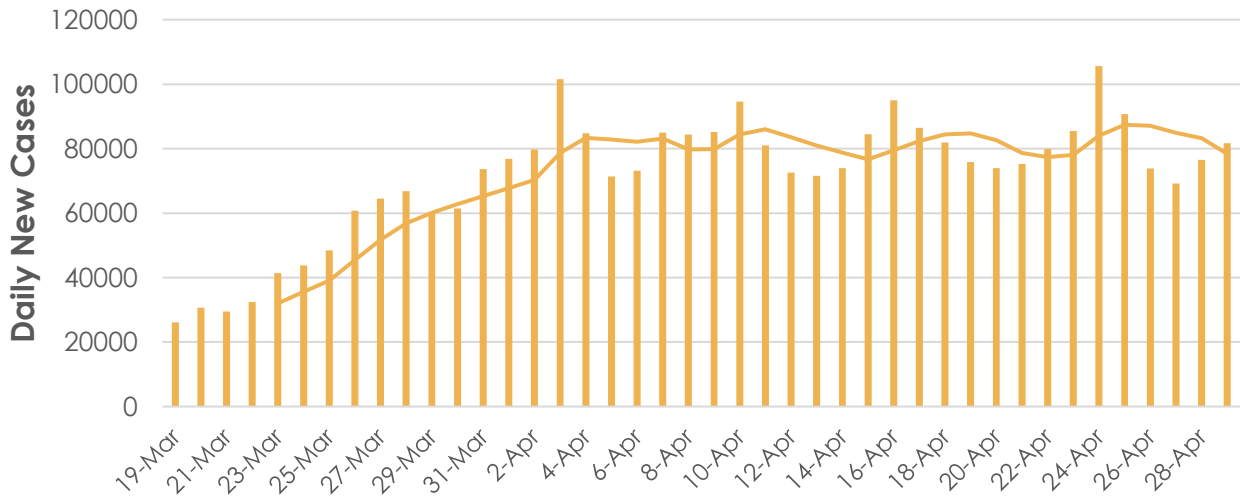
Active Cases

(Number of Infected People)






5-Day Moving Average Trendline

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



	Average of Daily New Cases from Last Five Days	Population	Pop./10m	Cut-off of COVID Cases such that COVID death rate = present Influenza death rate	Linear regression	Logarithmic regression
Spain	3,427	46,751,178	4.675118	519	7/1/2020	3/7/2021
Italy	2,119	60,479,460	6.047946	671	5/25/2020	4/17/2021
Germany	1,308	83,730,512	8.373051	929	5/9/2020	6/26/2020
Switzerland	146	8,641,938	0.864194	96	5/3/2020	6/10/2020
Israel	155	8,628,141	0.862814	96	5/10/2020	7/29/2020
Cyprus	8	1,205,766	0.120576	13	5/3/2020	5/22/2020
France	1,318	65,247,490	6.524749	724	5/1/2020	5/18/2020

 COVID death rate < Influenza death rate
 Regression OK
 Regression Not OK