

COVID-19 Cases

As of Friday 4/24/2020, 5:00PM HST

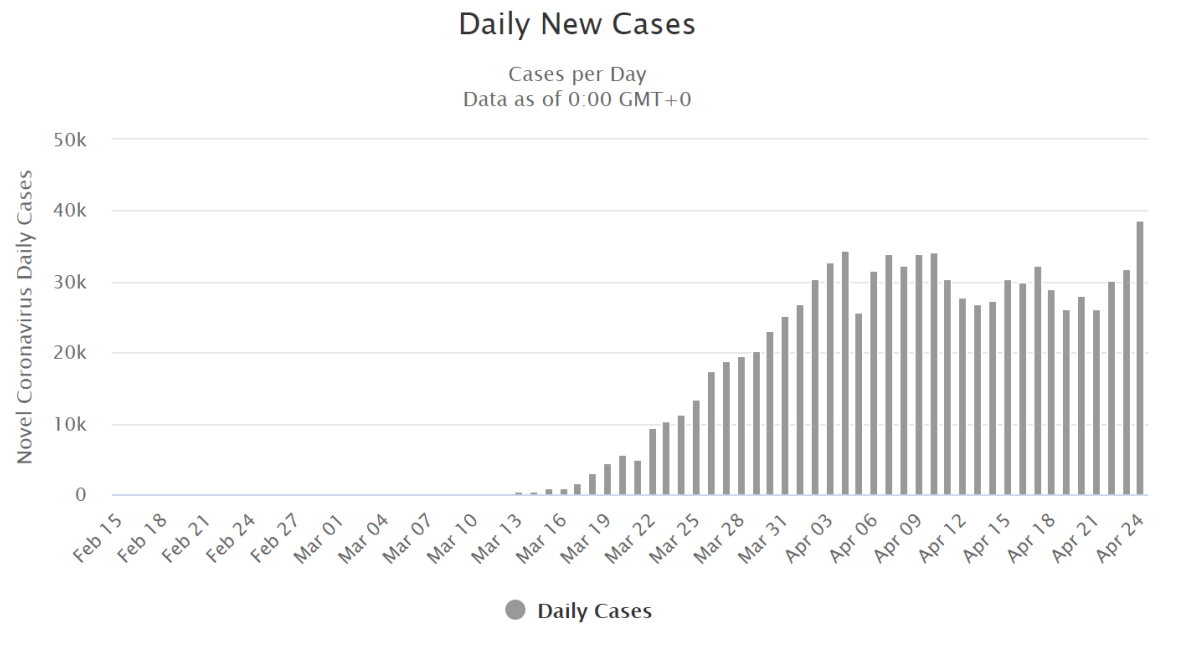
Statistics regarding daily new cases and active cases of the six countries that has the highest number of total cases, China, Switzerland, Austria, Israel, South Korea, Australia, and Cyprus.

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

Statistics regarding daily new cases are also included for Hawaii.

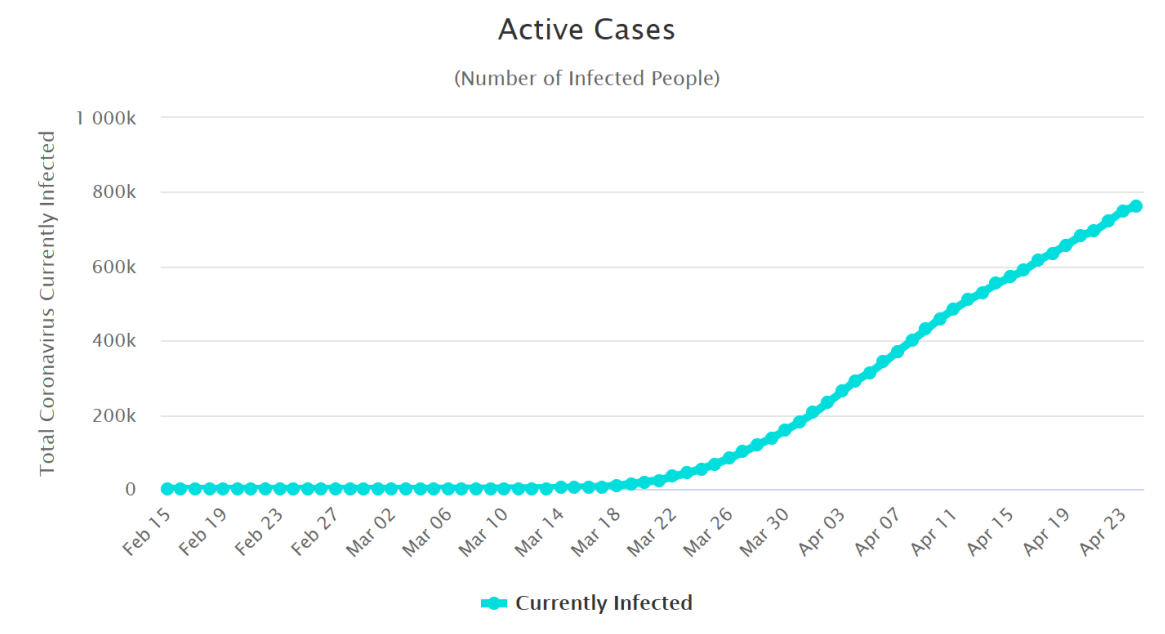
Source: <https://health.hawaii.gov/news/covid-19-updates/>

Daily New Cases in the United States

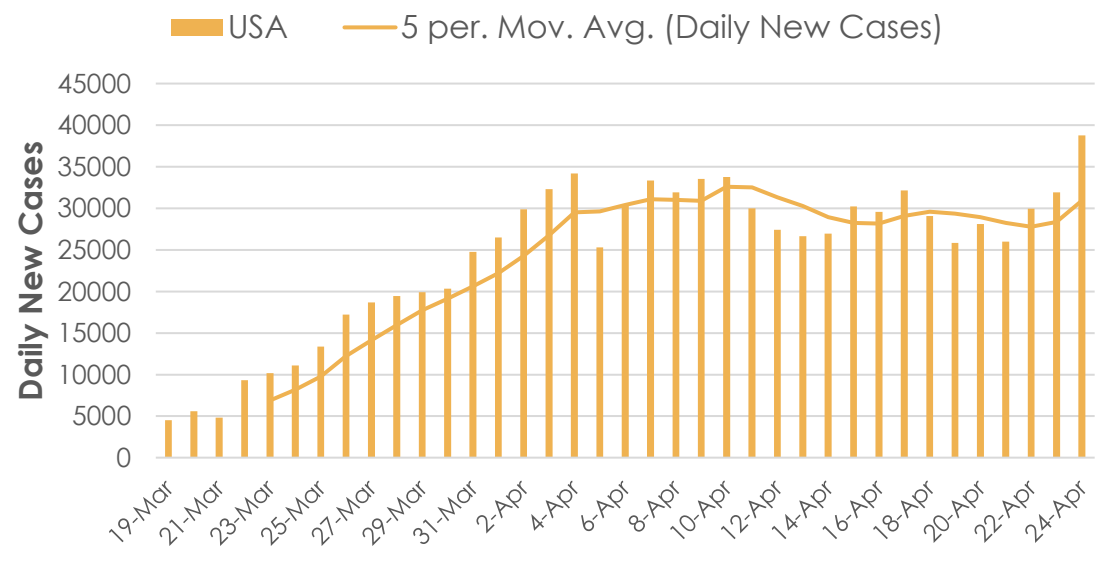


1. USA

Active Cases in the United States



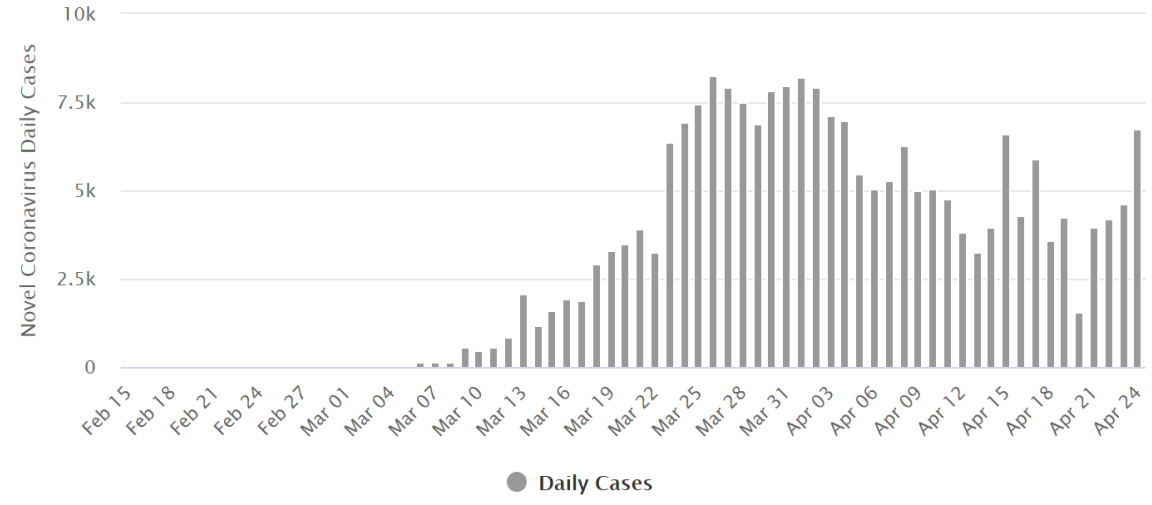
5-Day Moving Average Trendline



Daily New Cases in Spain

Daily New Cases

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

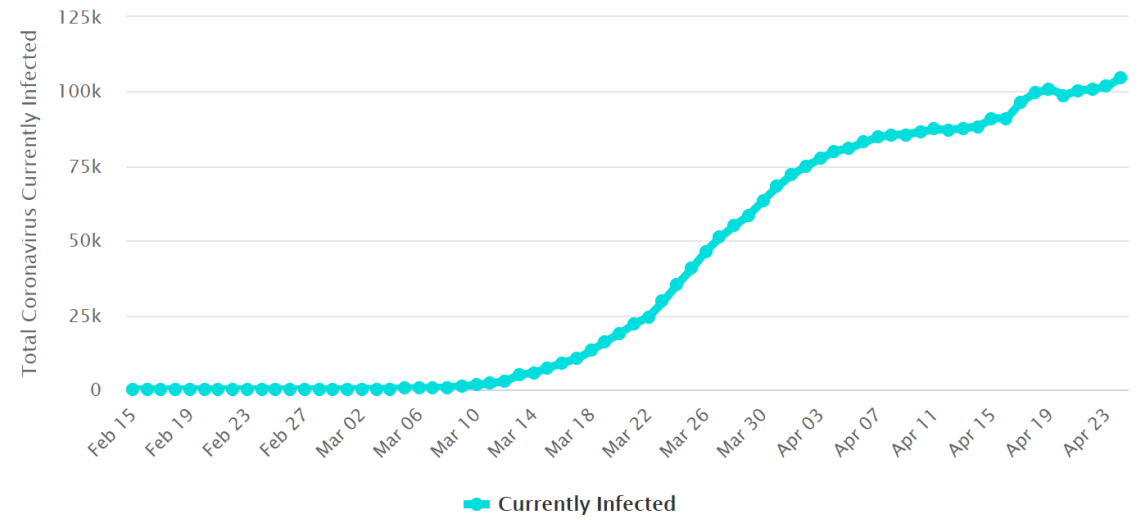


2. Spain

Active Cases in Spain

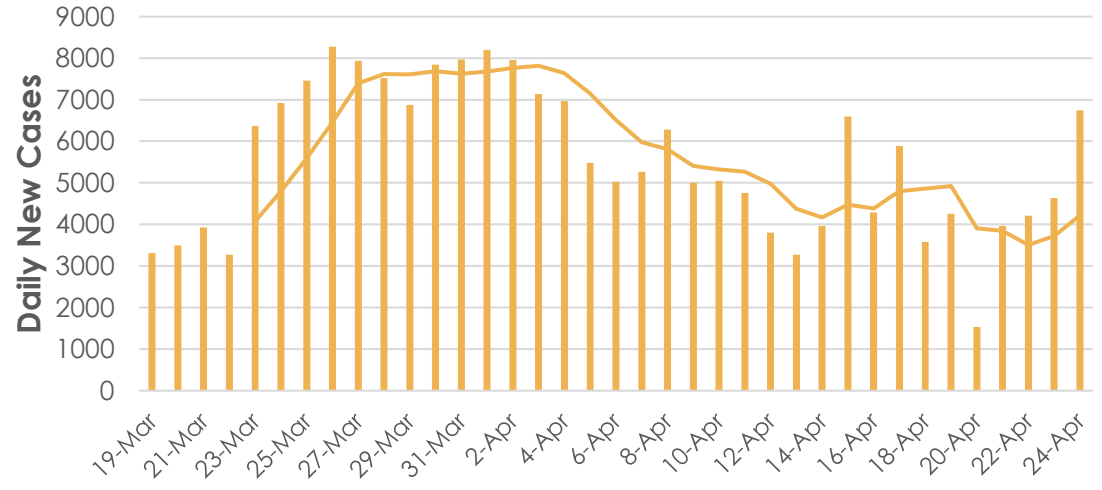
Active Cases

(Number of Infected People)

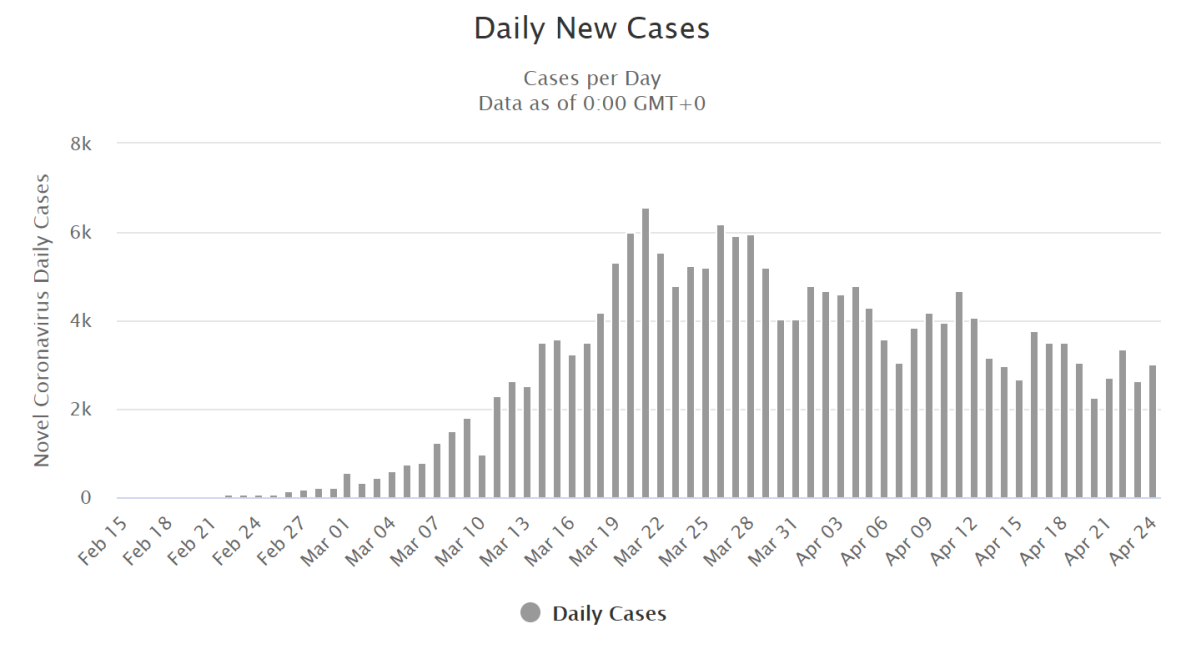


5-Day Moving Average Trendline

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

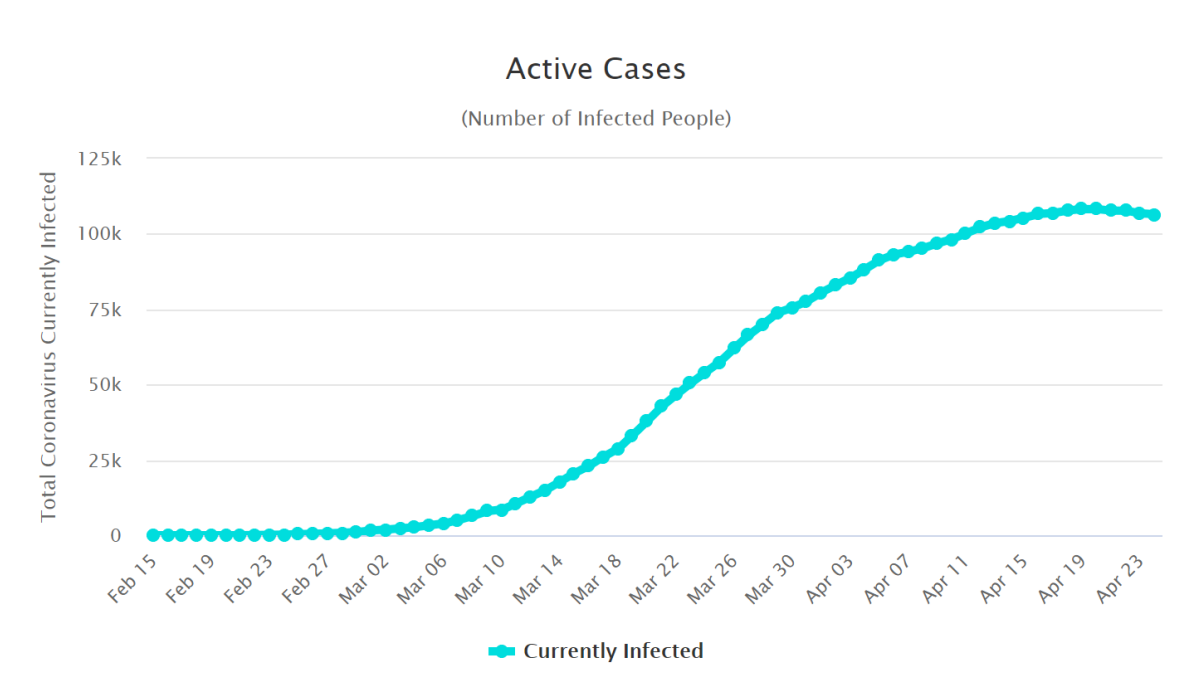


Daily New Cases in Italy

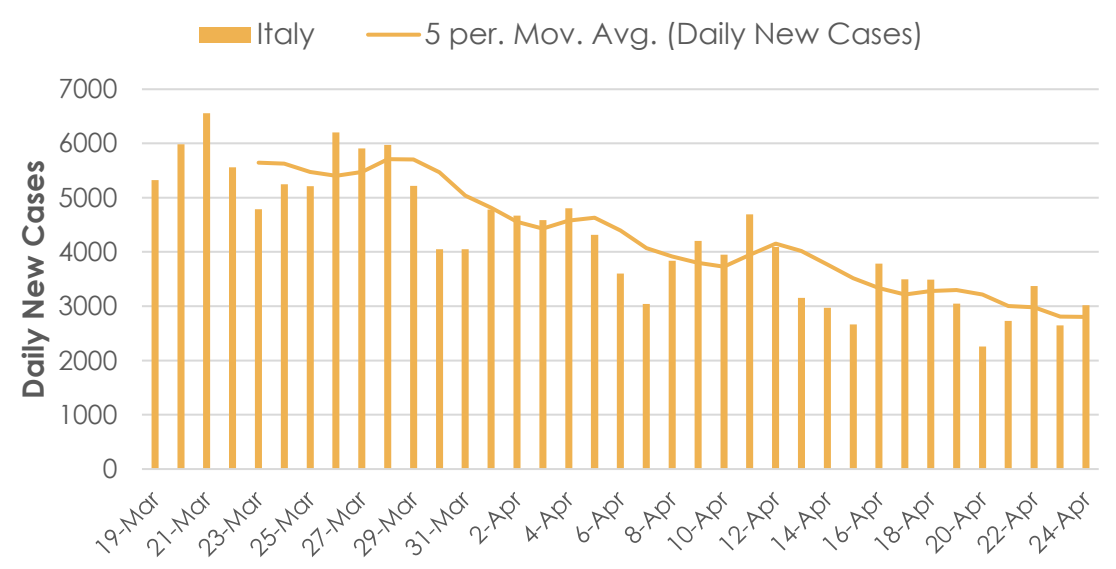


3. Italy

Active Cases in Italy



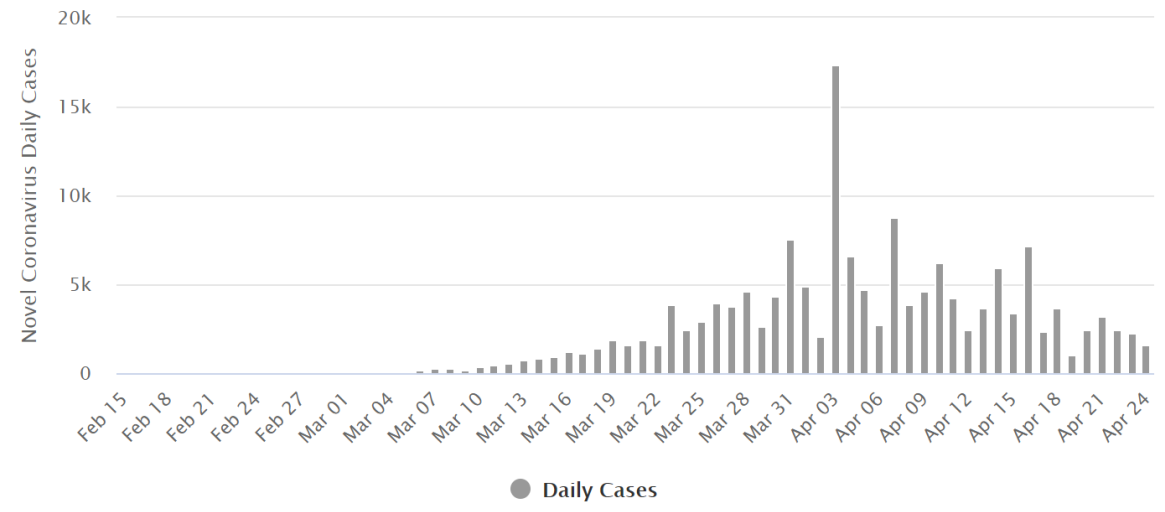
5-Day Moving Average Trendline



Daily New Cases in France

Daily New Cases

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



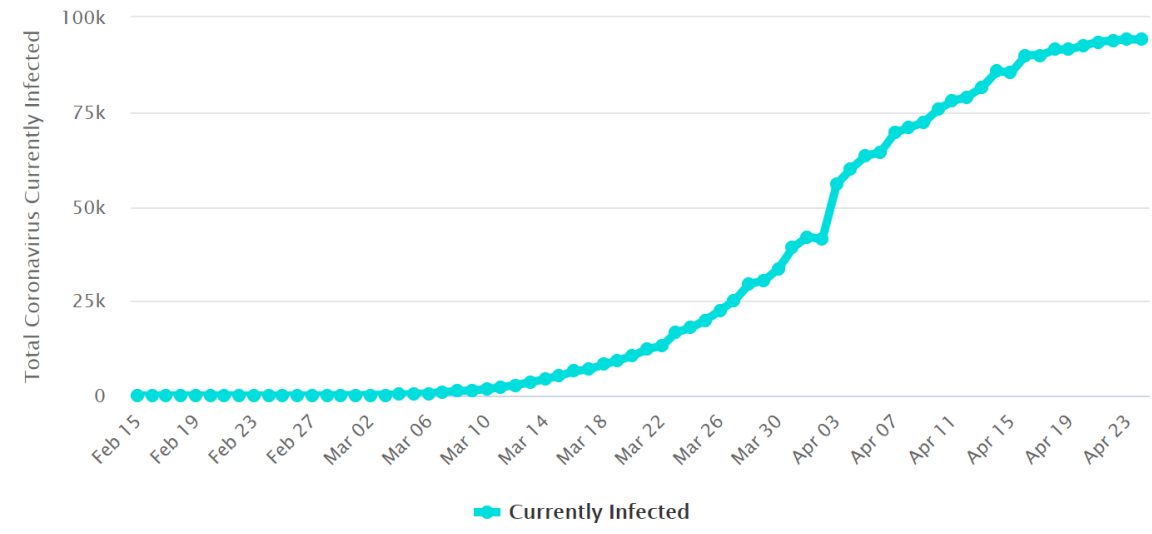
4. France

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

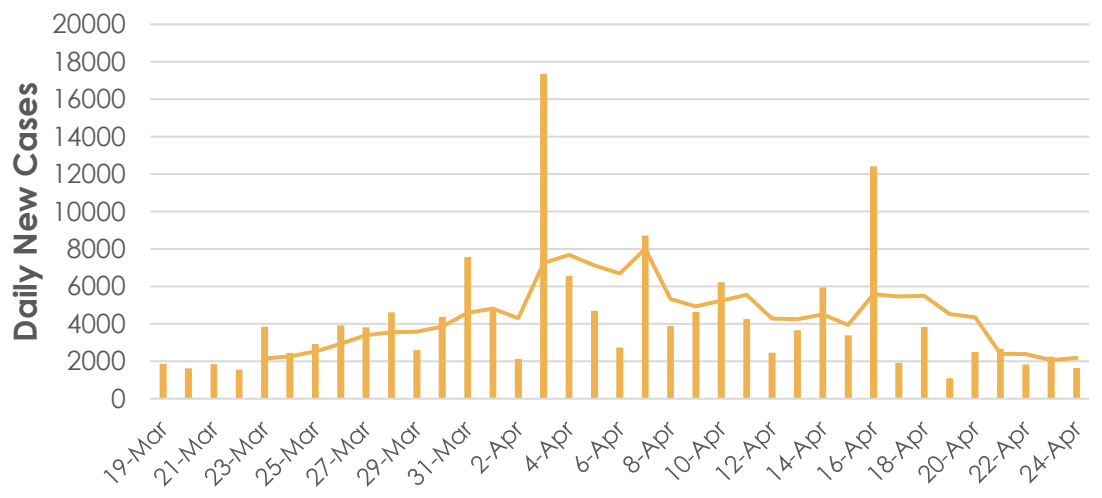
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

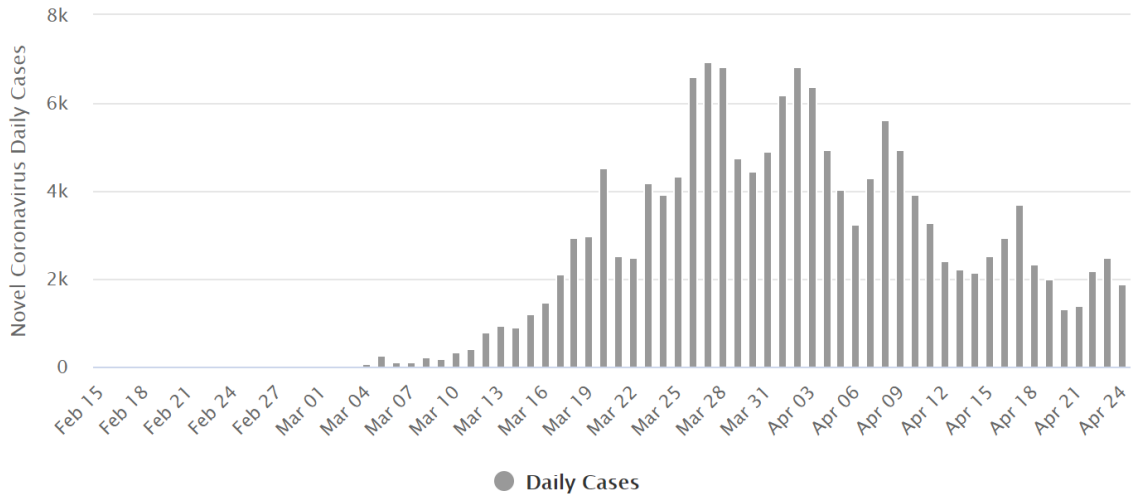
France 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Germany

Daily New Cases

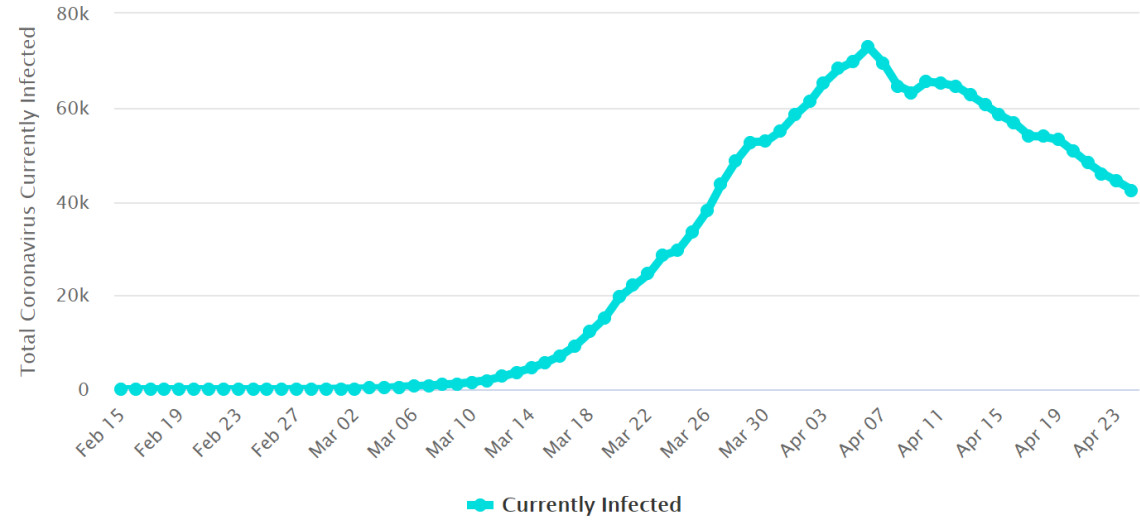
Cases per Day
Data as of 0:00 GMT+0



5. Germany

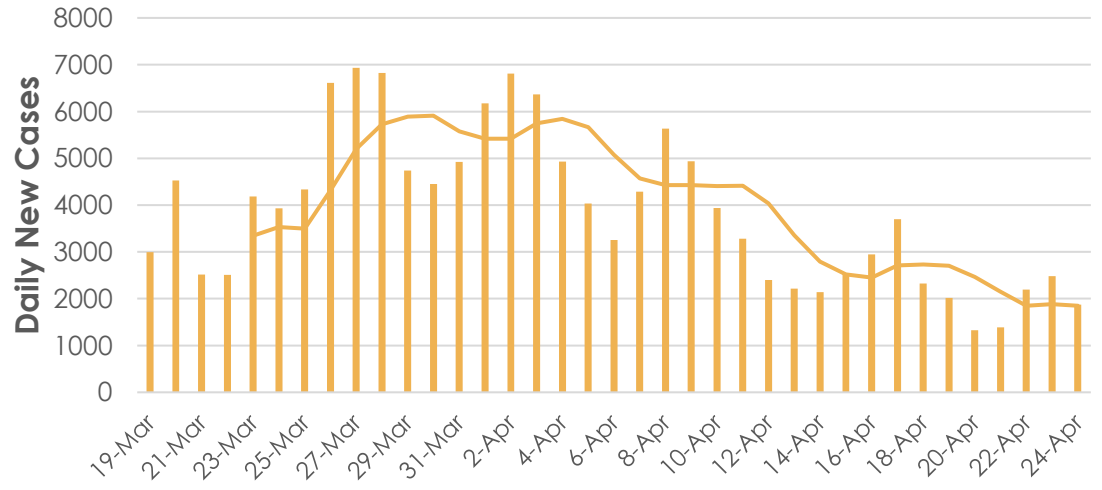
Active Cases in Germany

Active Cases
(Number of Infected People)



5-Day Moving Average Trendline

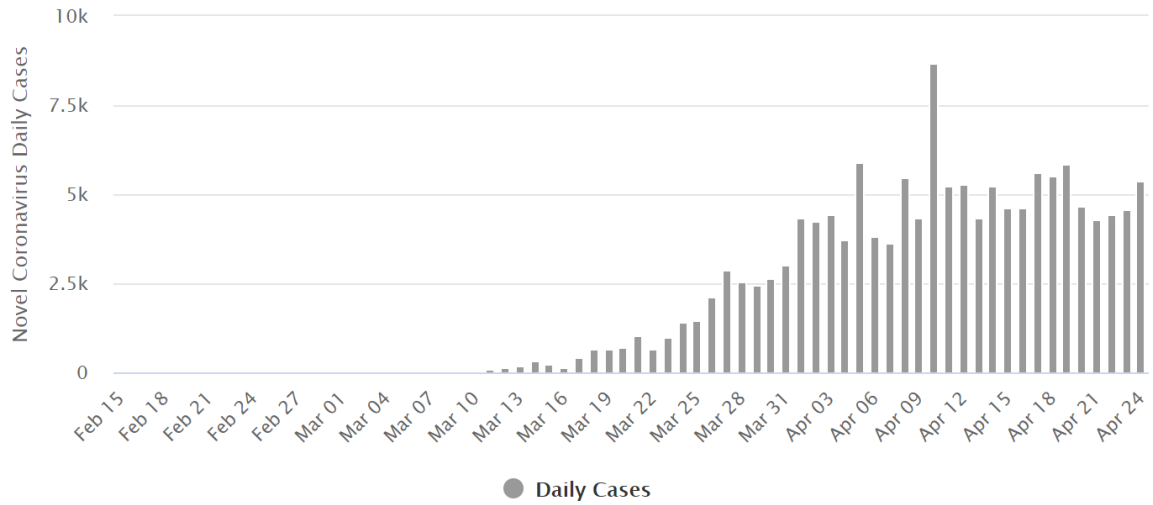
Germany 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in the United Kingdom

Daily New Cases

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

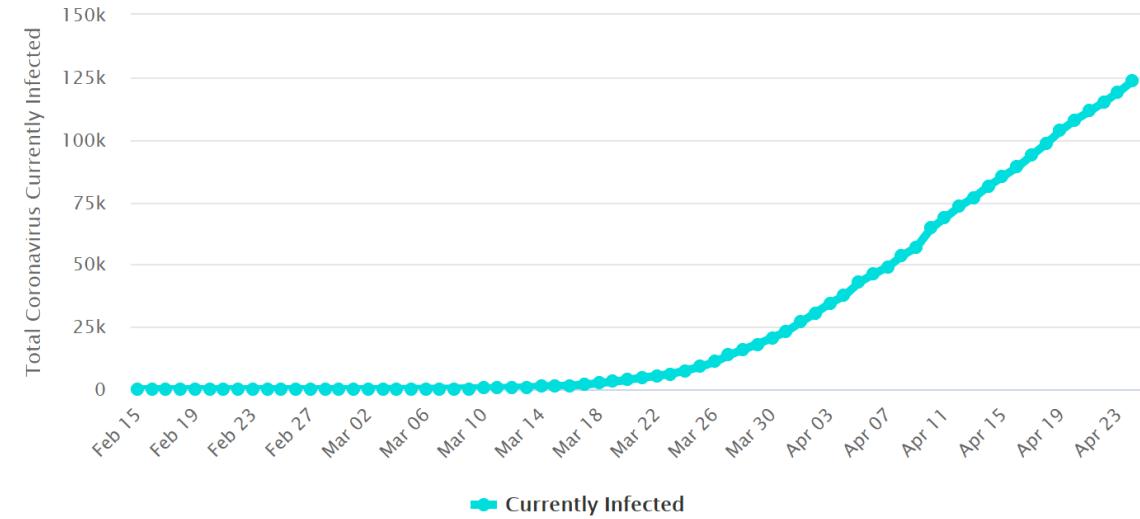


6. UK

Active Cases in the United Kingdom

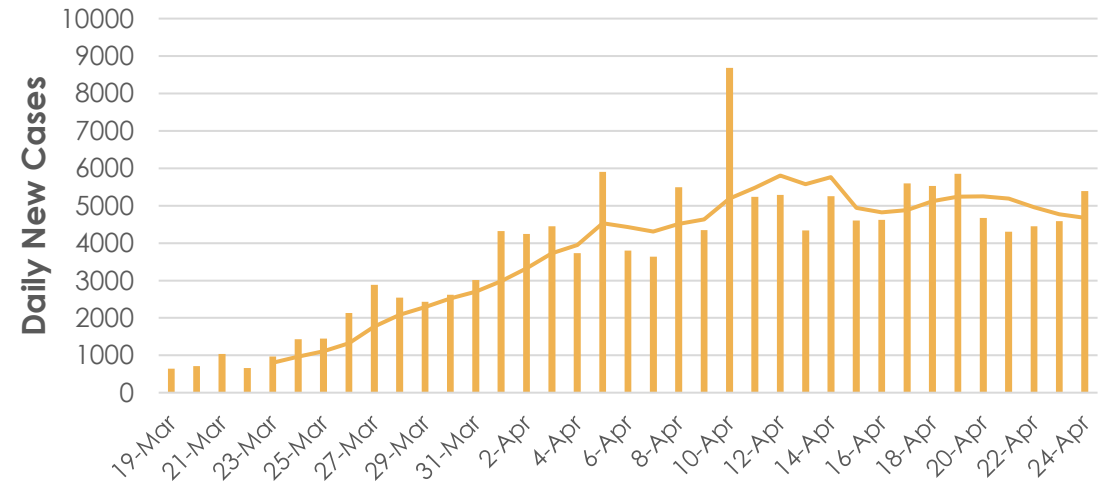
Active Cases

(Number of Infected People)



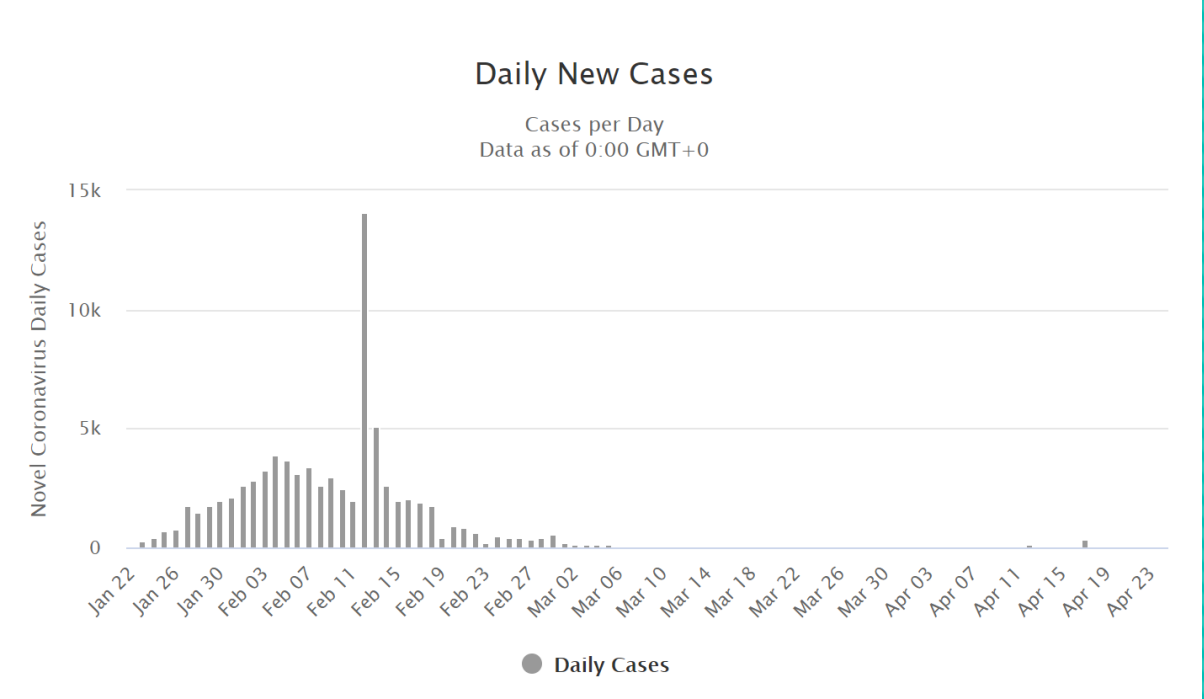
5-Day Moving Average Trendline

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

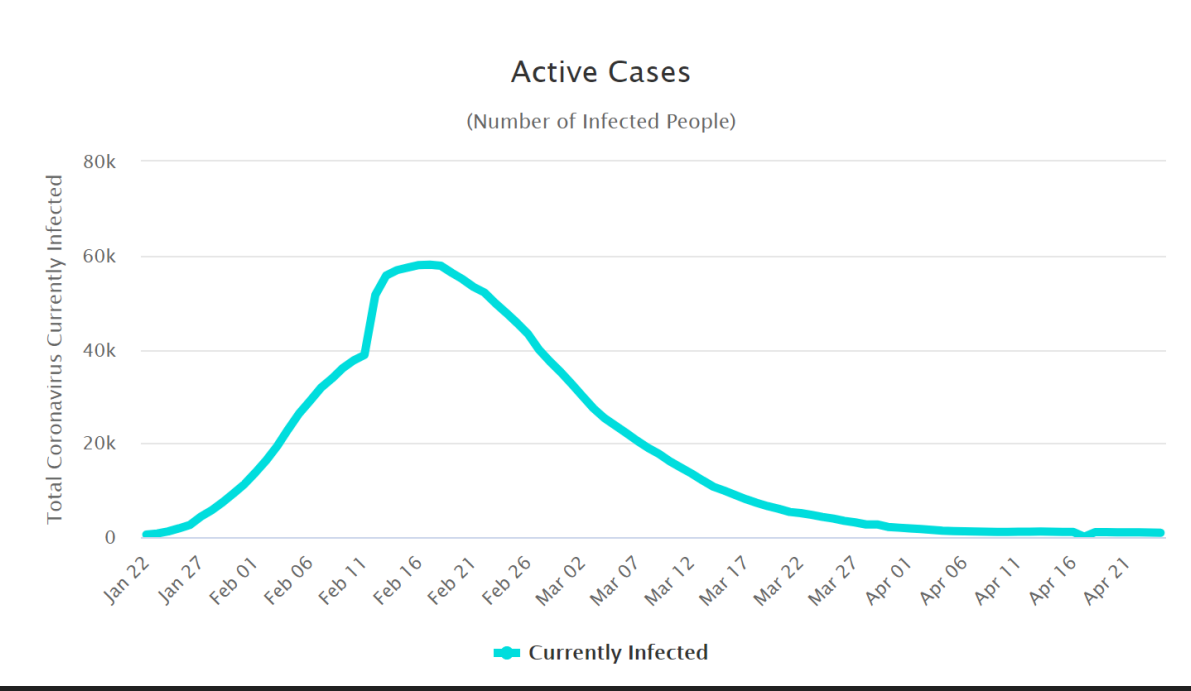


China

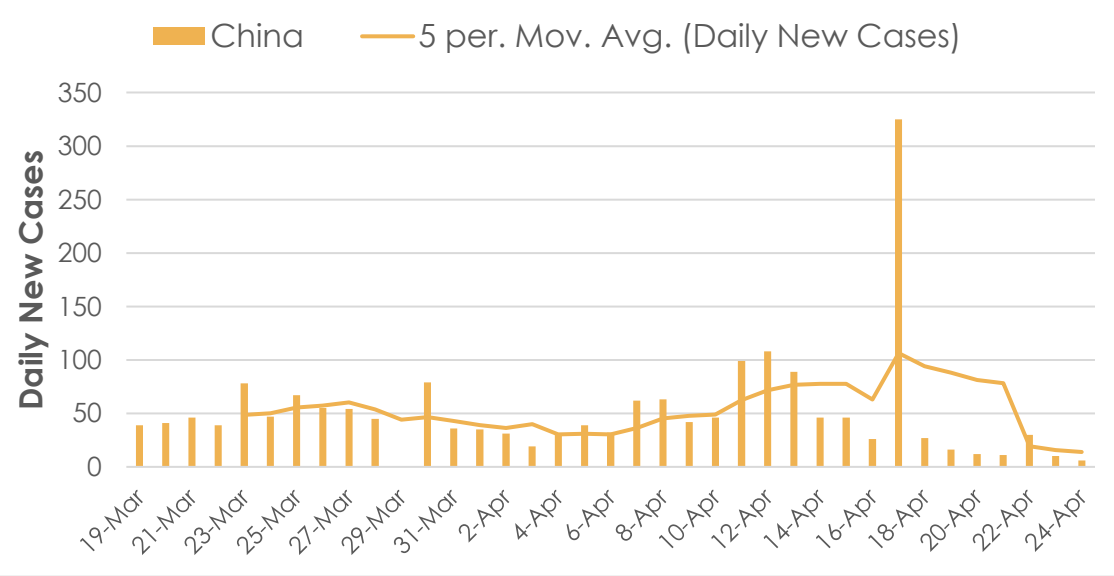
Daily New Cases in China



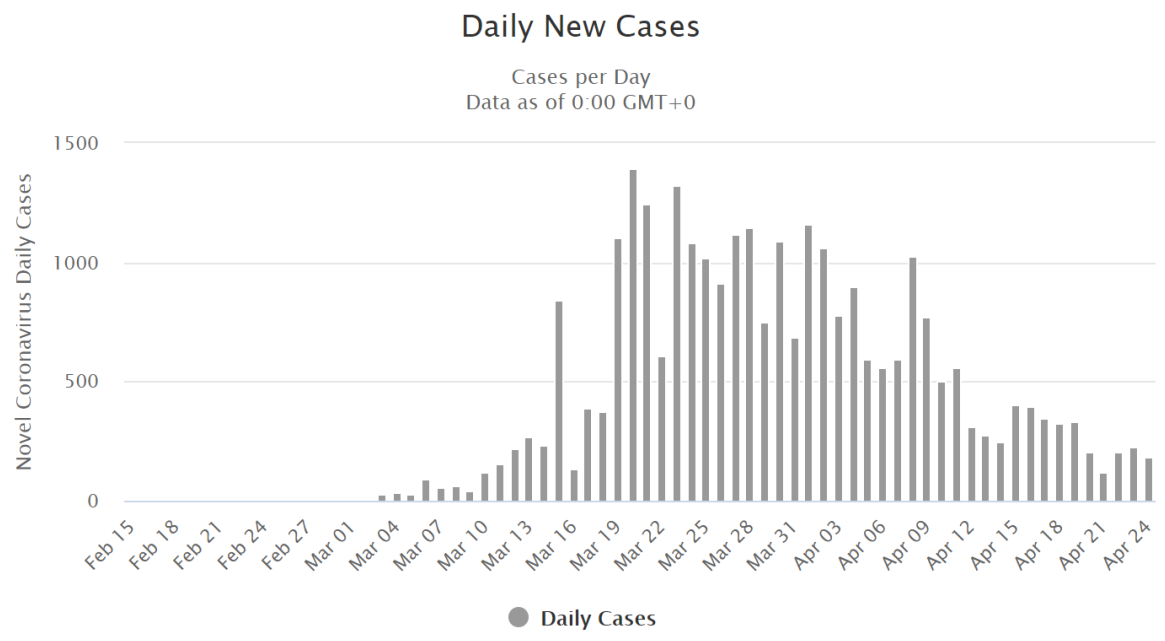
Active Cases in China



5-Day Moving Average Trendline

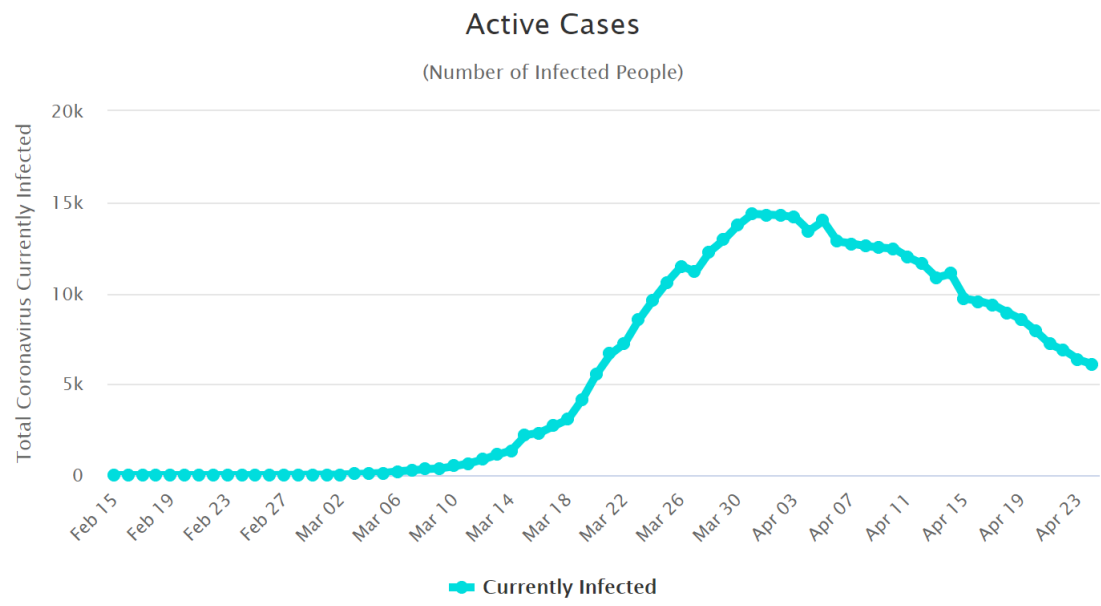


Daily New Cases in Switzerland

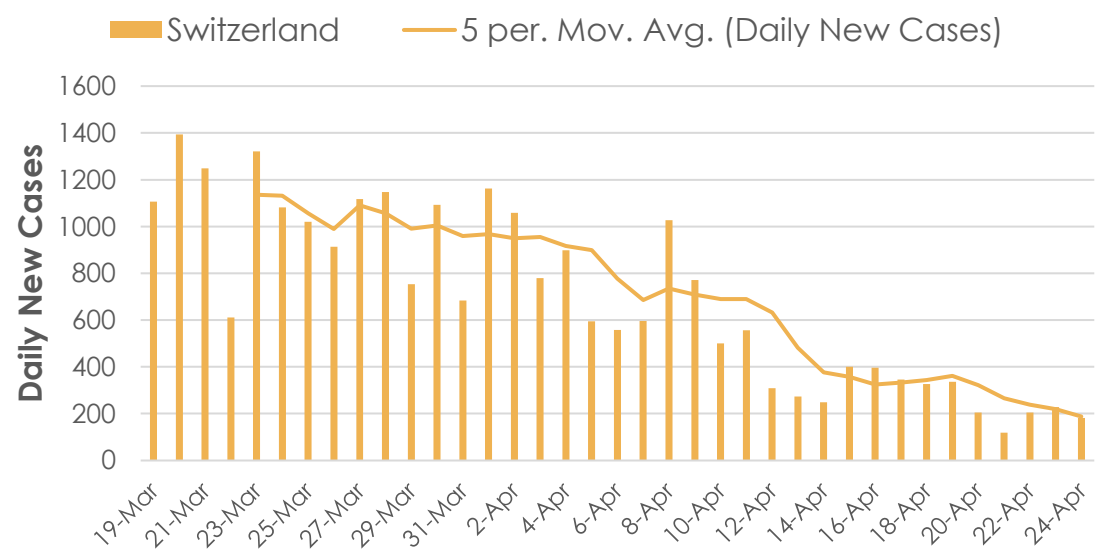


Switzerland

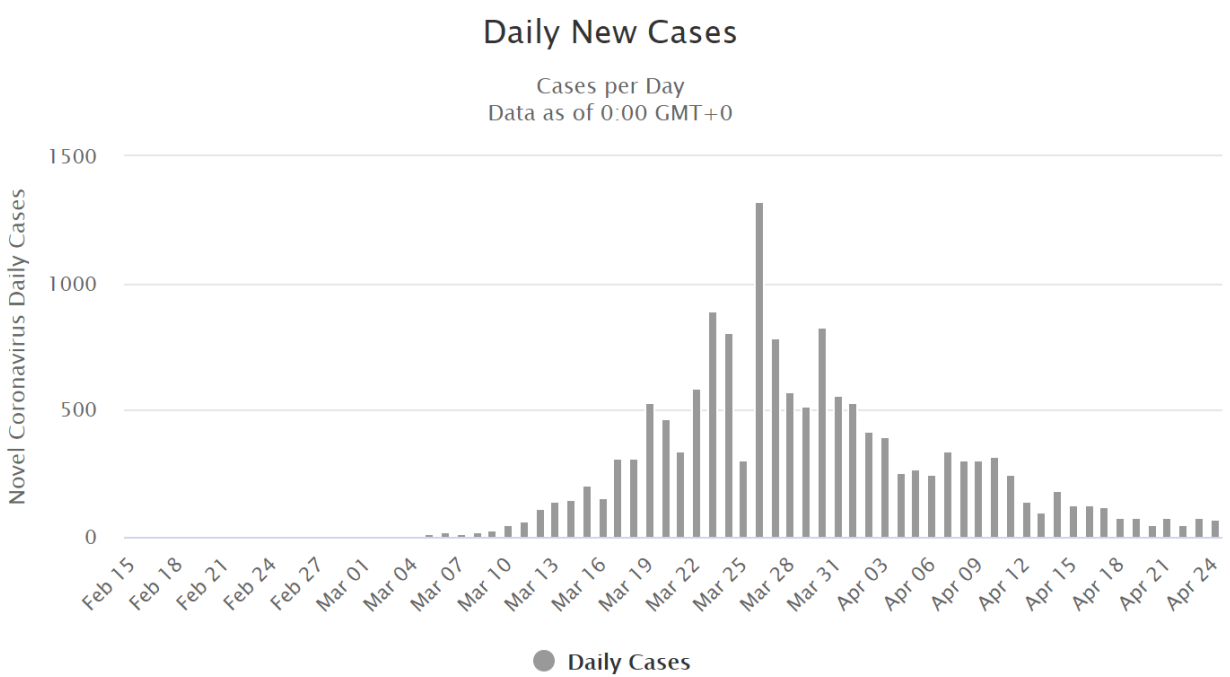
Active Cases in Switzerland



5-Day Moving Average Trendline

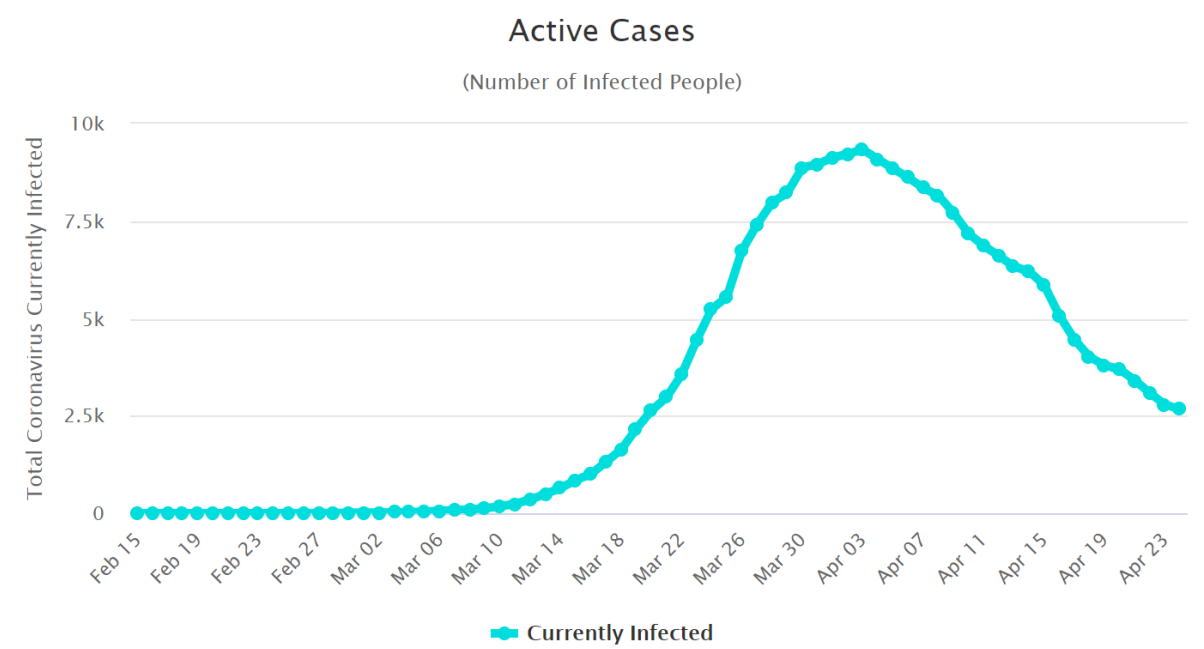


Daily New Cases in Austria



Austria

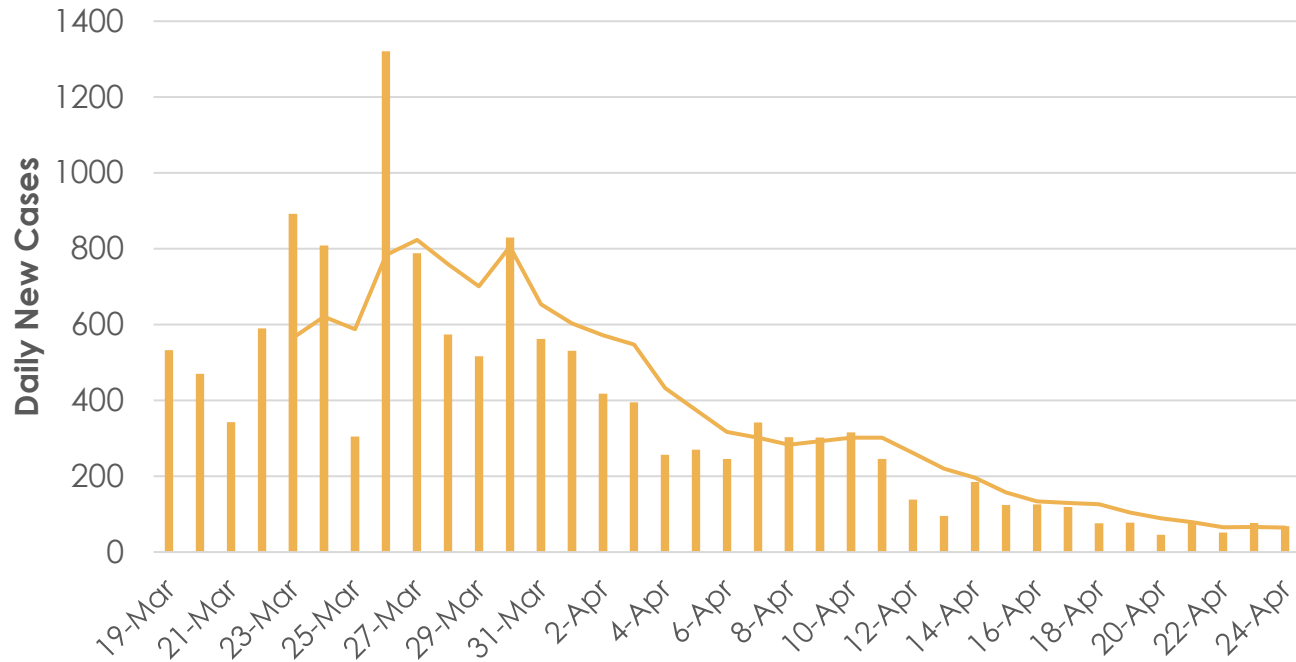
Active Cases in Austria



Trendlines for Austria

5-Day Moving Average Trendline

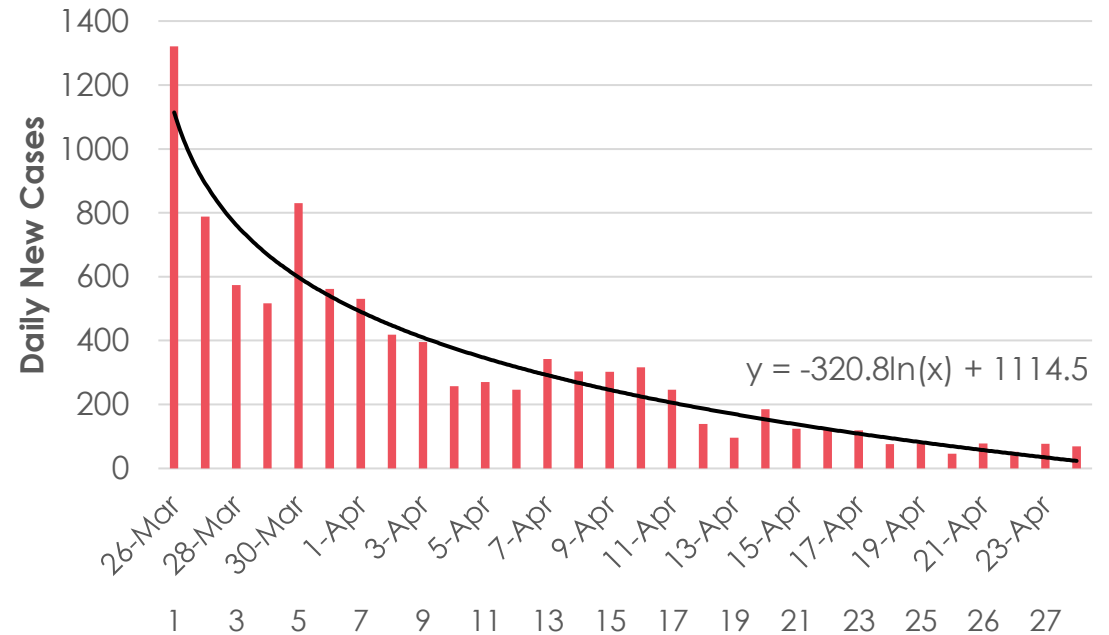
Austria 5 per. Mov. Avg. (Daily New Cases)



Austria Bar Chart of Daily New Cases from Peak till Today

Logarithmic Trendline

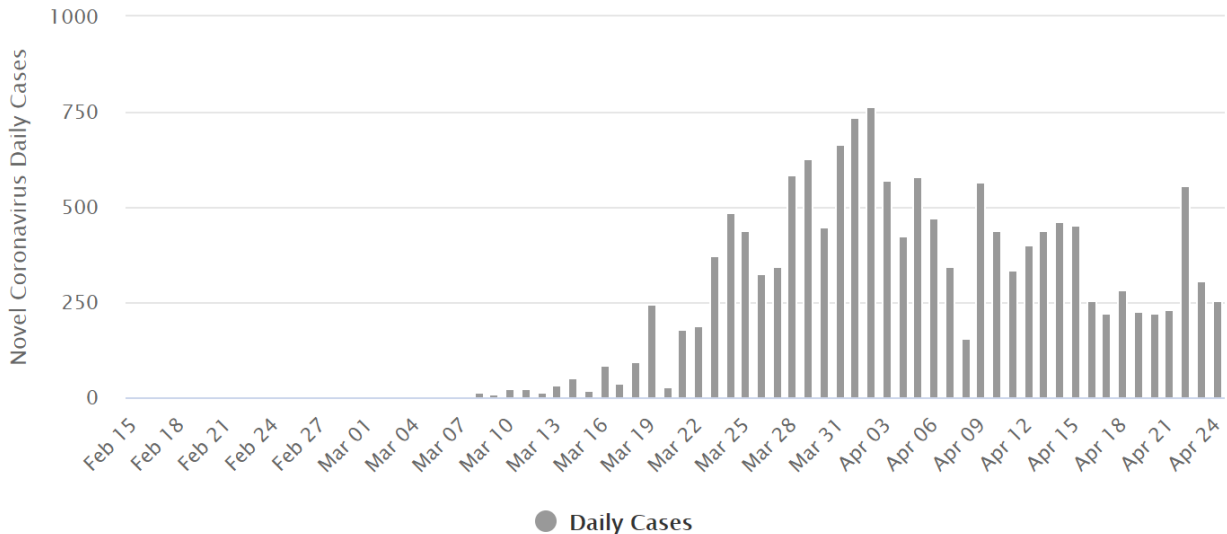
when $y = 0$; $x = 32$
(April 27)



Daily New Cases in Israel

Daily New Cases

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

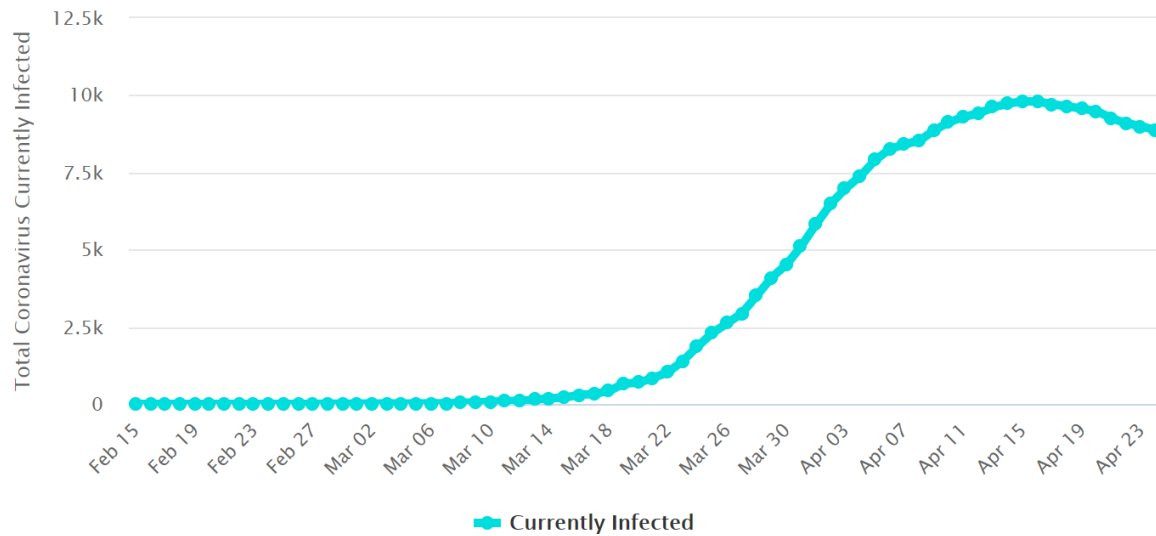


Israel

Active Cases in Israel

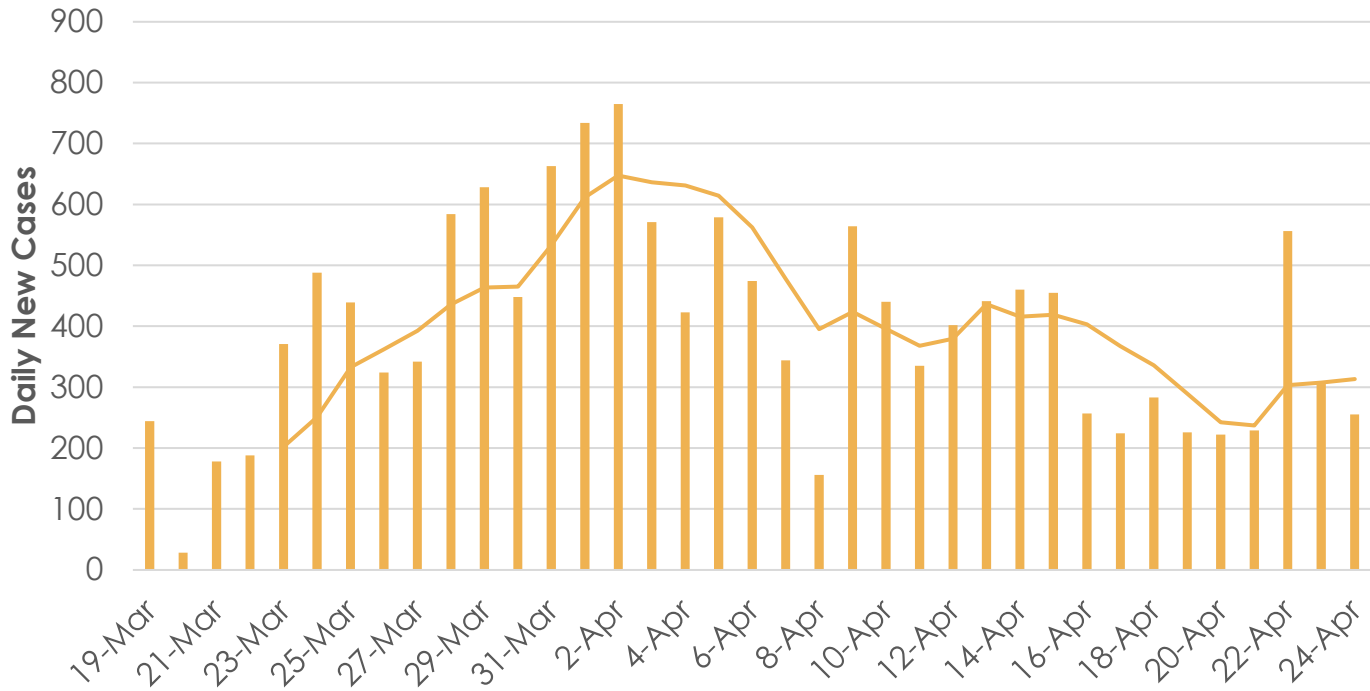
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

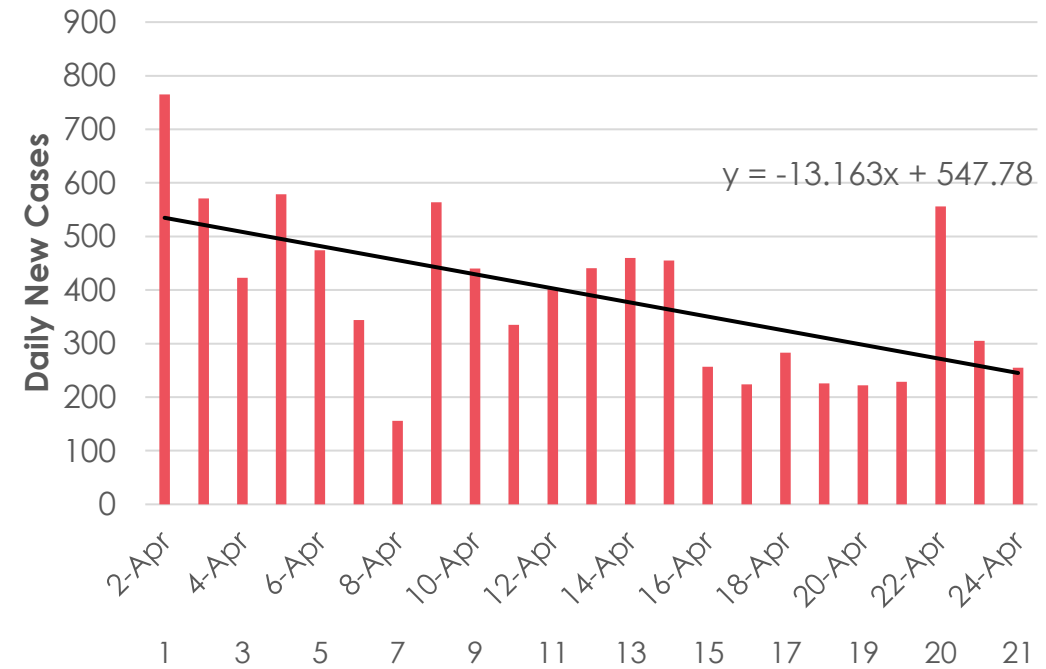
Israel 5 per. Mov. Avg. (Daily New Cases)



Trendlines for Israel

Israel Bar Chart of Daily New Cases from Peak till Today

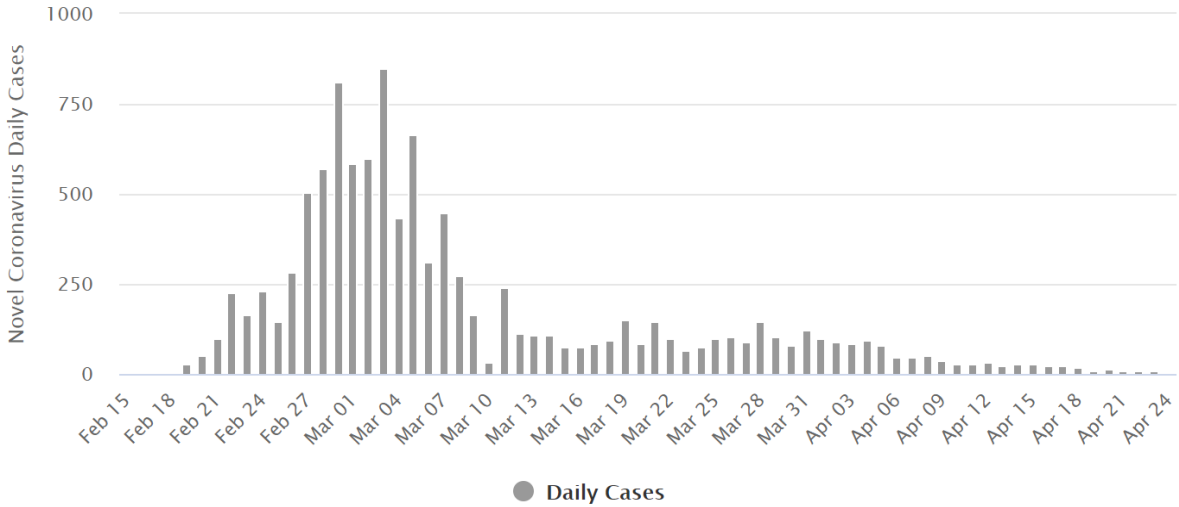
Linear Trendline
when $y = 0$; $x = 42$
(May 14)



Daily New Cases in South Korea

Daily New Cases

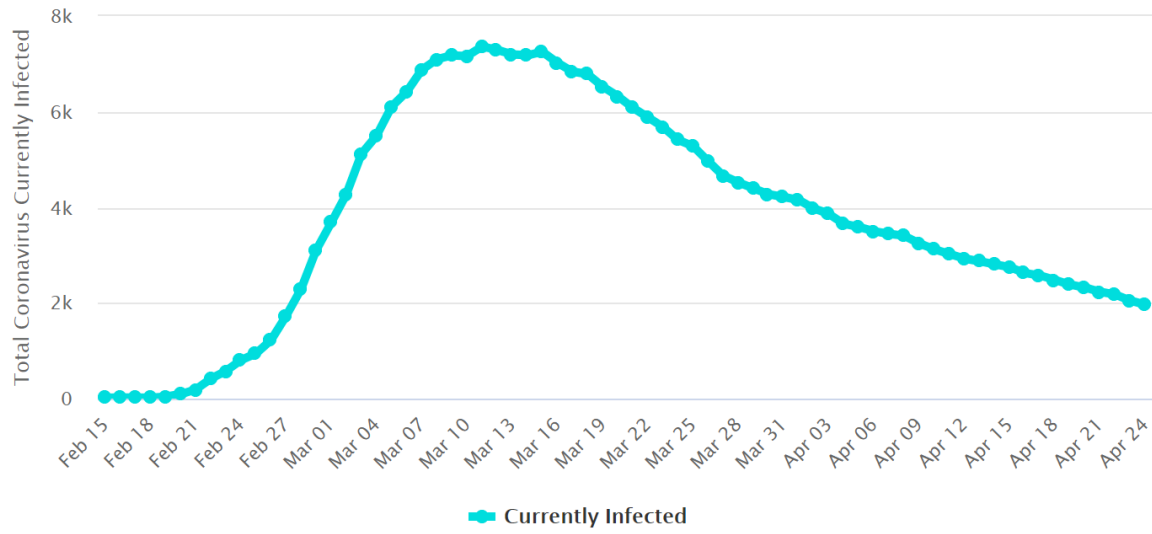
Cases per Day
Data as of 0:00 GMT+0



South Korea

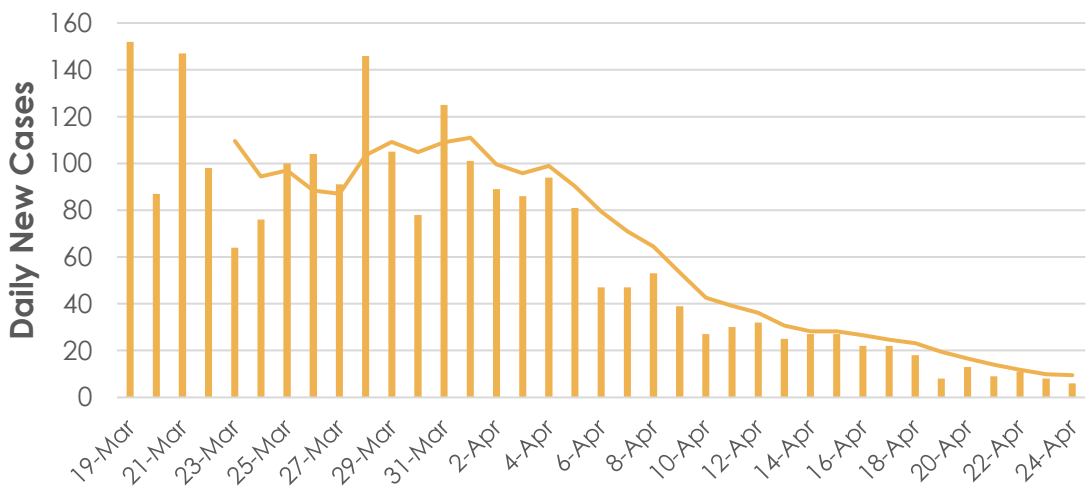
Active Cases in South Korea

Active Cases
(Number of Infected People)



5-Day Moving Average Trendline

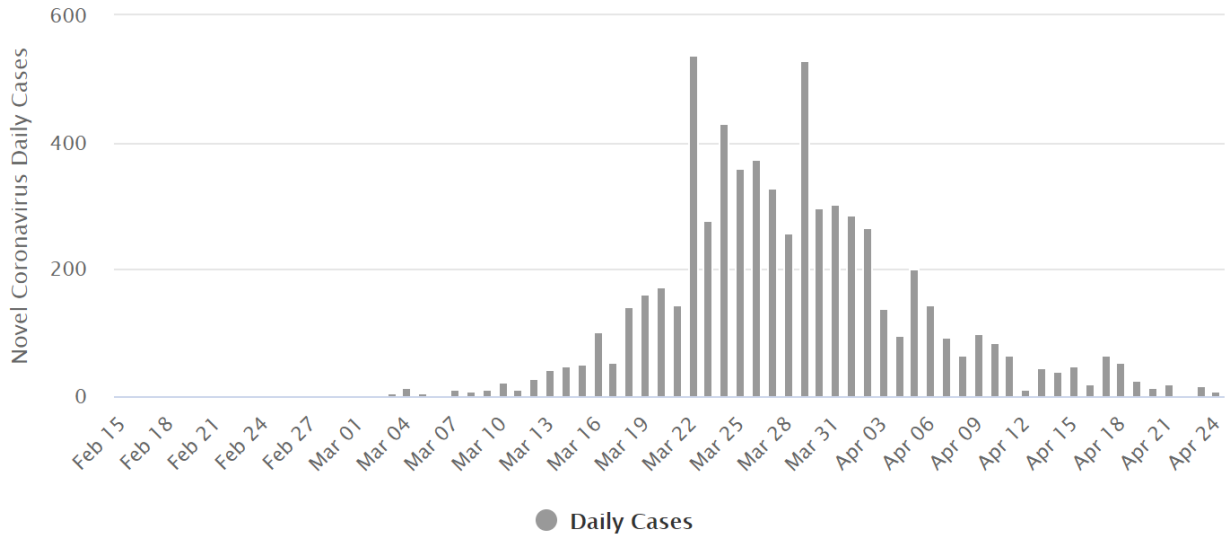
S Korea 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Australia

Daily New Cases

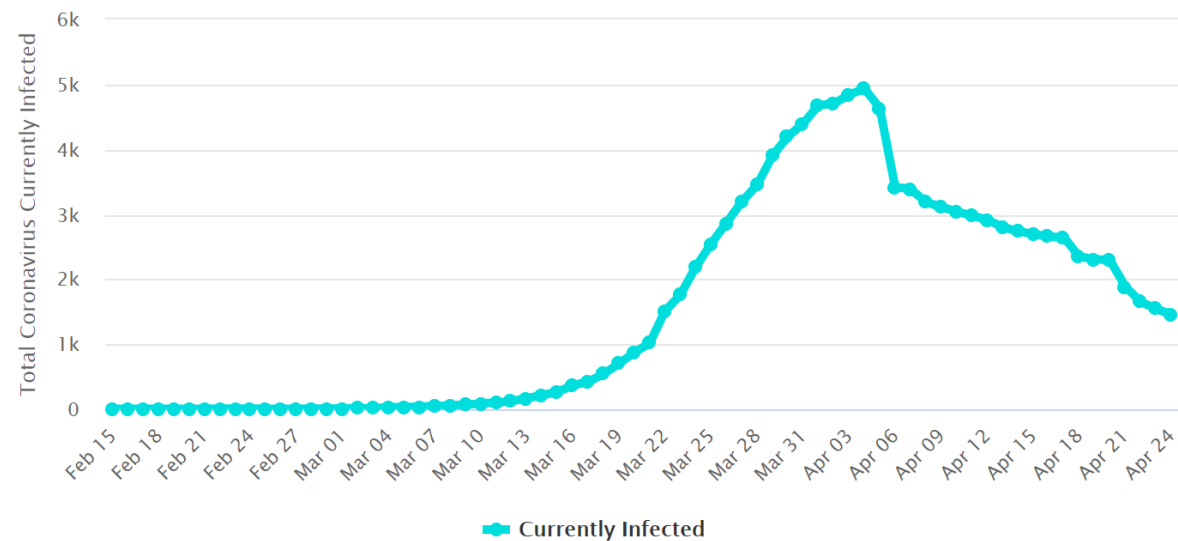
Cases per Day
Data as of 0:00 GMT+0



Australia

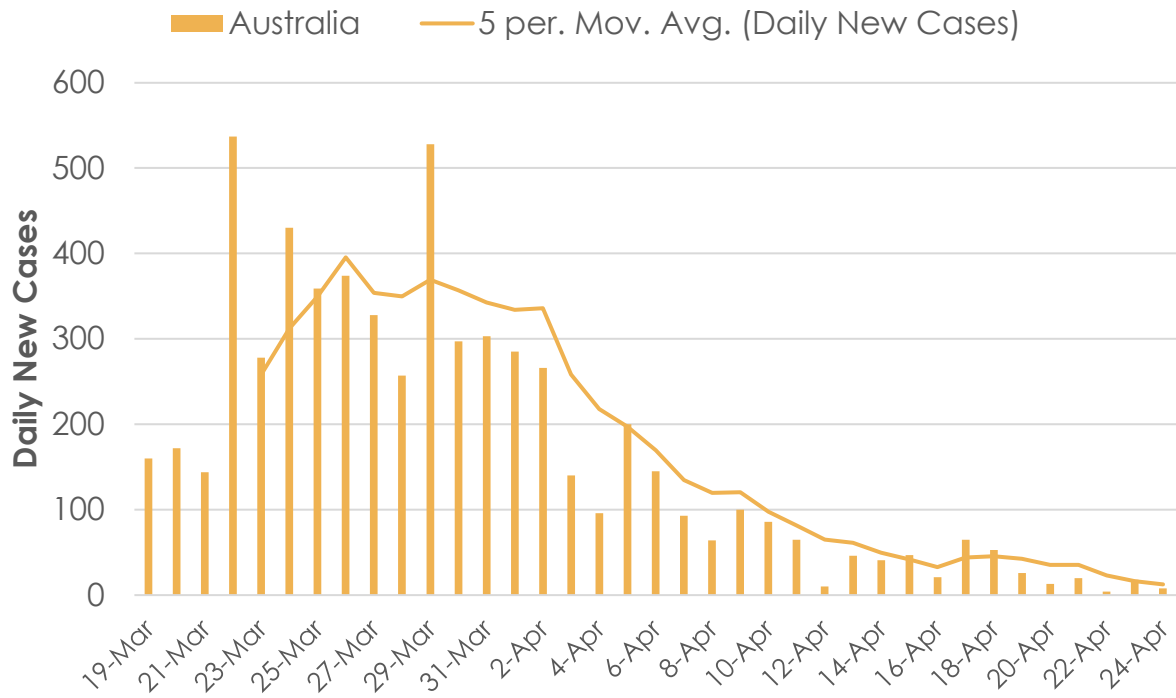
Active Cases in Australia

Active Cases
(Number of Infected People)

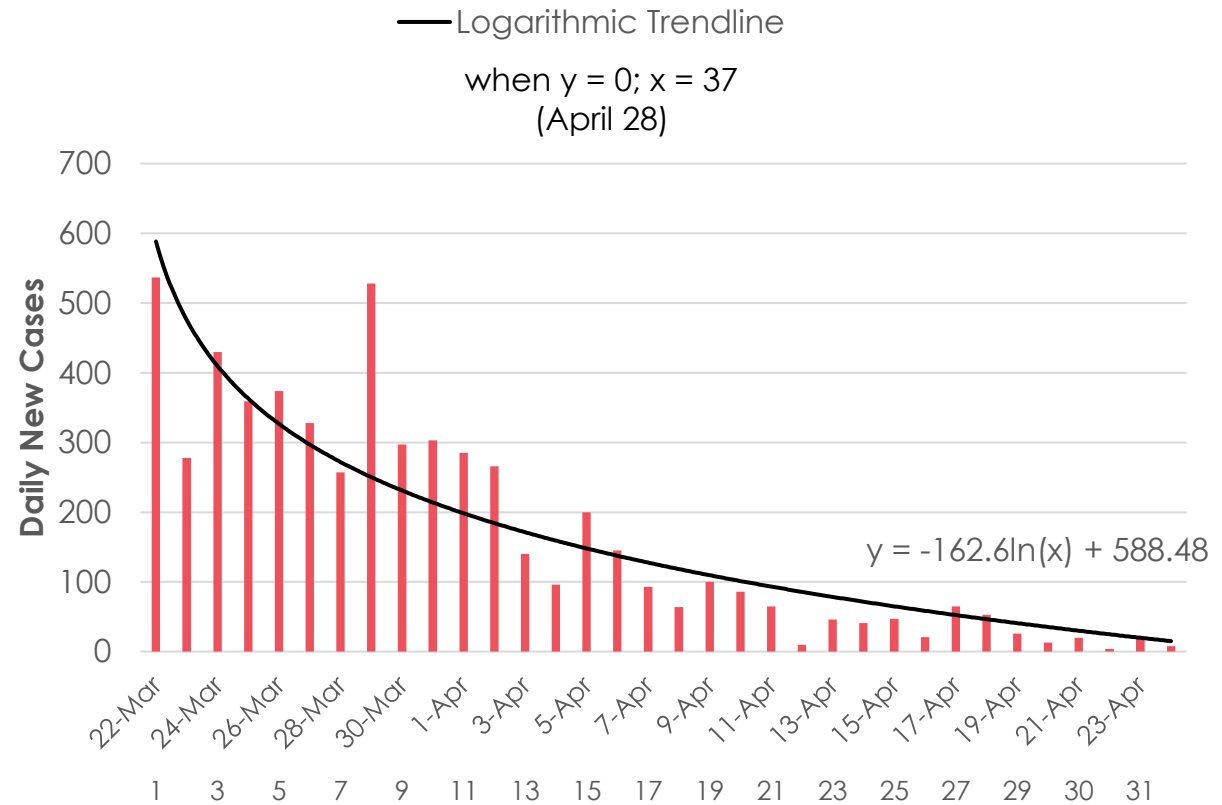


Trendlines for Australia

5-Day Moving Average Trendline

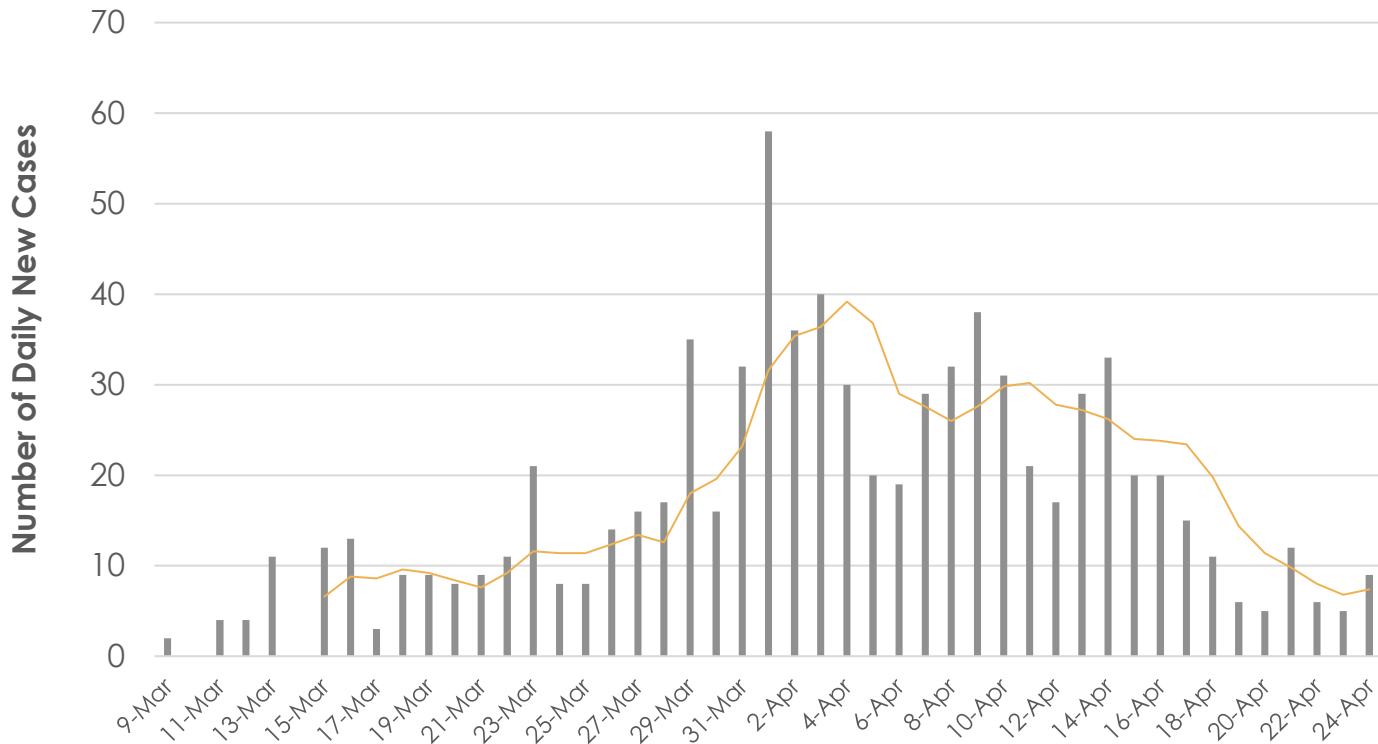


Australia Bar Chart of Daily New Cases from Peak till Today



Daily New Cases in Cyprus

— 5 per. Mov. Avg. (Daily New Cases)

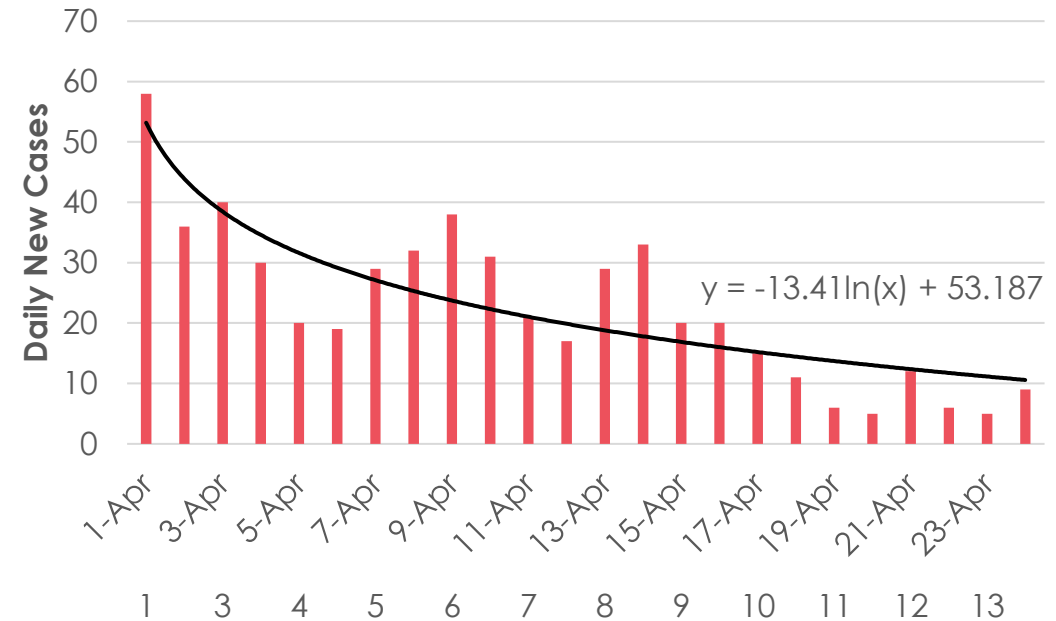


Cyprus

Cyprus Bar Chart of Daily New Cases from Peak Till Today

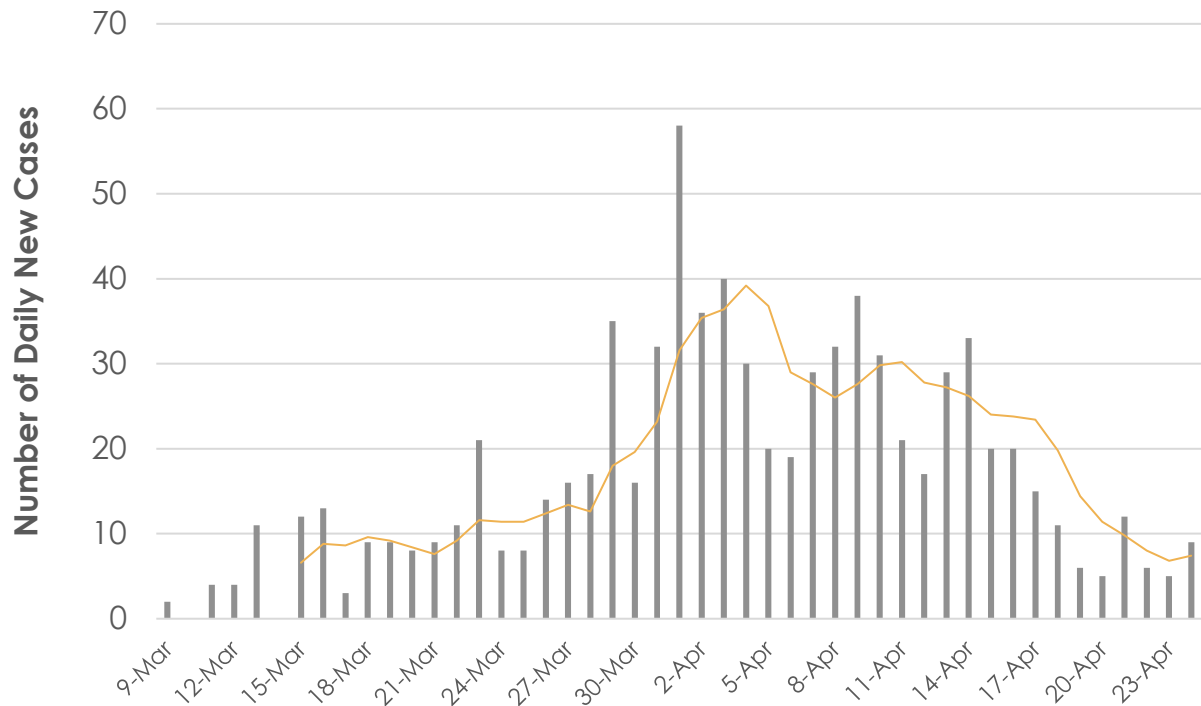
— Logarithmic Trendline

when $y = 0$; $x = 53$
(May 24)



Daily New Cases in Cyprus

— 5 per. Mov. Avg. (Daily New Cases)

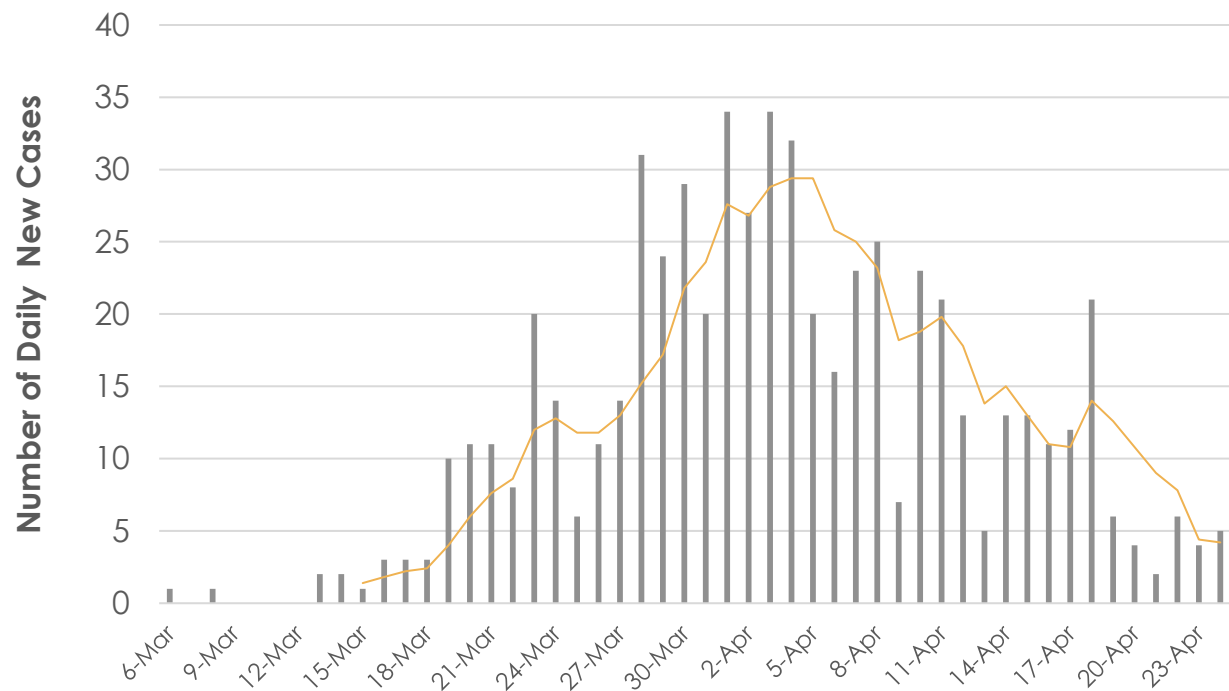


Cyprus

Correlation, r (Between Cyprus and Hawaii) = 0.655
 r is significant at $\alpha = 5\%$

Daily New Cases in Hawaii

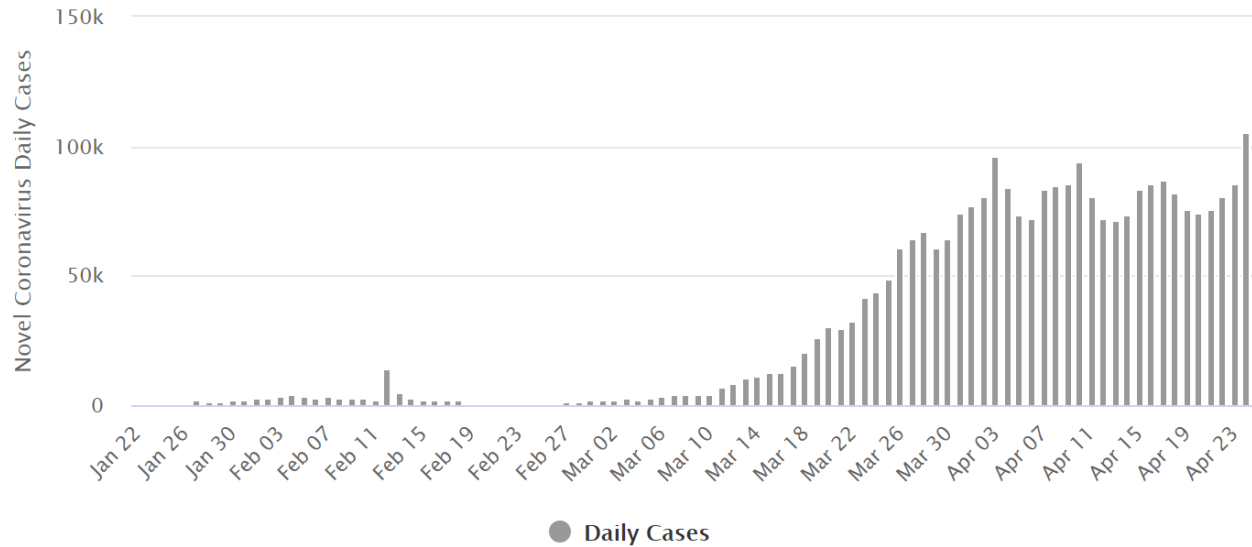
— 5 per. Mov. Avg. (Daily New Cases)



Hawaii

Daily New Cases

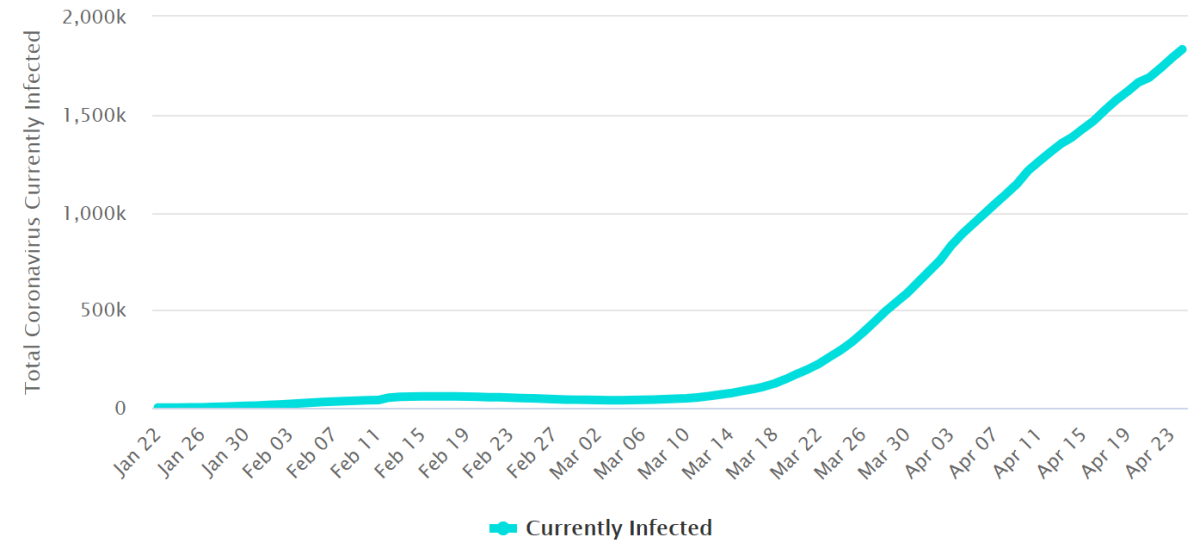
Cases per Day
Data as of 0:00 GMT+0



Worldwide

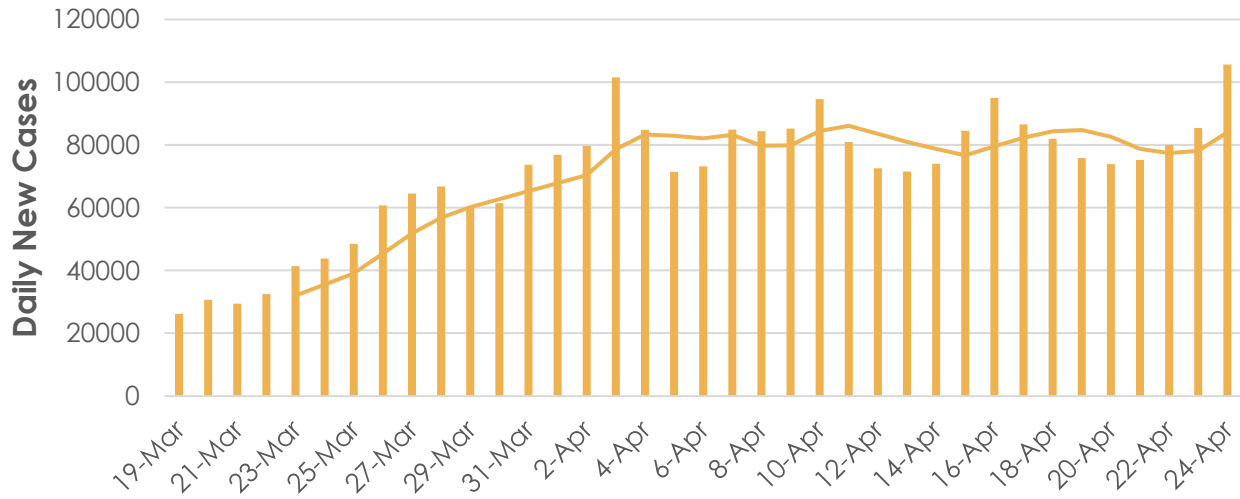
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

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



	Daily Cases	Population	Pop./10m	Based on present COVID death rate = present Influenza death rate	Linear regression	Logarithmic regression
Spain	6,740	46,751,178	4.675118	519	6/15/2020	7/5/2021
Italy	3,021	60,479,460	6.047946	671	5/25/2020	1/26/2022
Germany	1,870	83,730,512	8.373051	929	5/12/2020	7/20/2020
Switzerland	181	8,641,938	0.864194	96	5/3/2020	6/26/2020
Austria	69	8,996,119	0.899612	100	4/22/2020	4/27/2020
Australia	8	25,440,289	2.544029	282	4/20/2020	4/28/2020
Israel	225	8,628,141	0.862814	96	5/14/2020	11/3/2020
Cyprus	9	1,205,766	0.120576	13	4/28/2020	5/24/2020
France	1,645	65,247,490	6.524749	724	4/29/2020	5/13/2020

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