

COVID-19 Cases

As of Monday 4/27/2020, 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/>

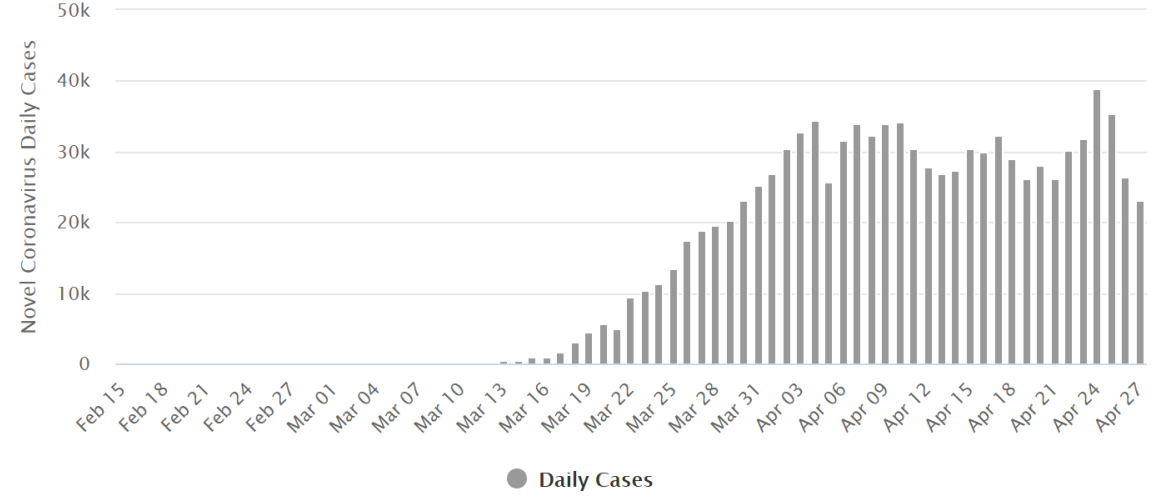
Statistics regarding daily new cases are also included for Hawaii.

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

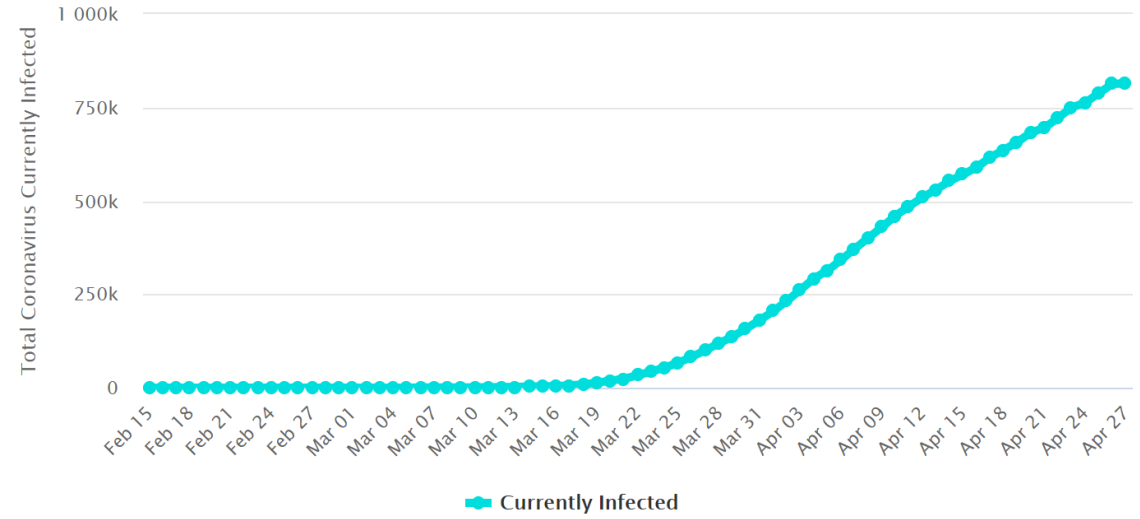


1. USA

Active Cases in the United States

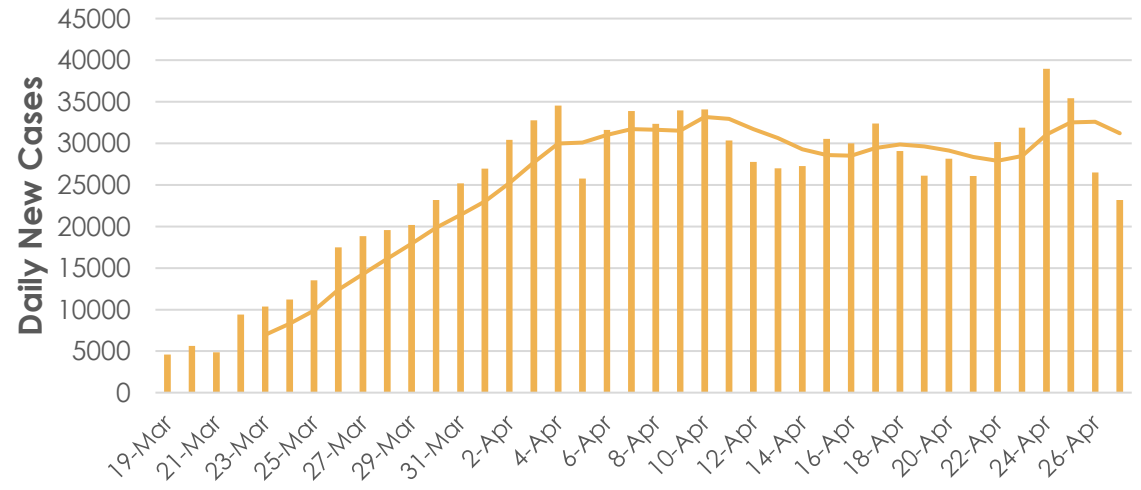
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

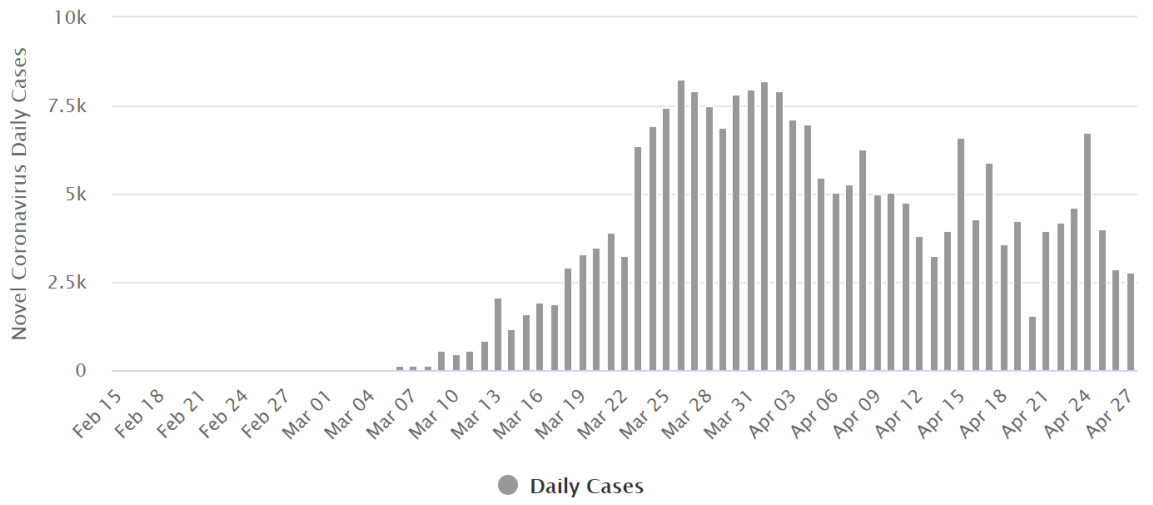
USA 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Spain

Daily New Cases

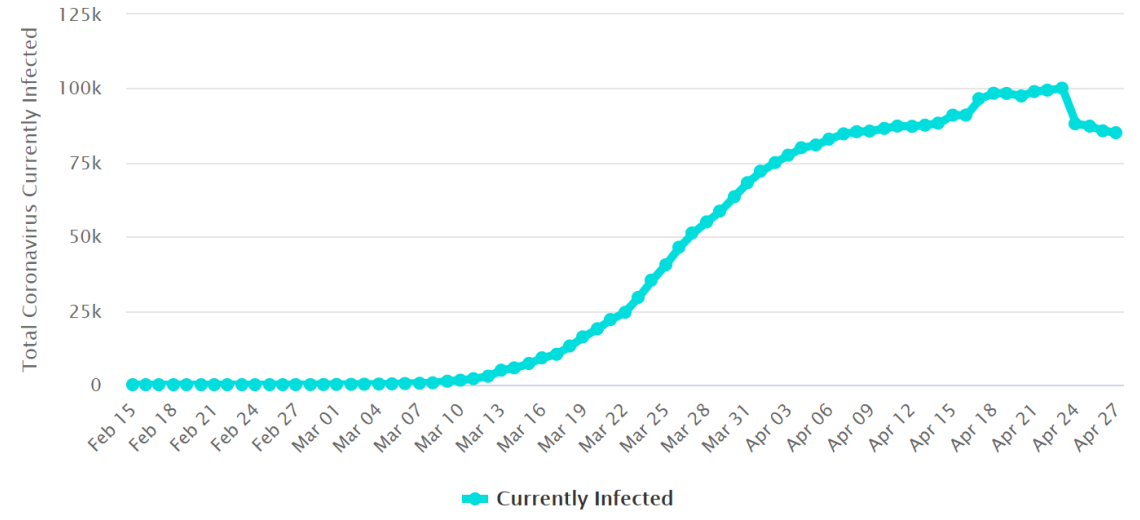
Cases per Day
Data as of 0:00 GMT+0



2. Spain

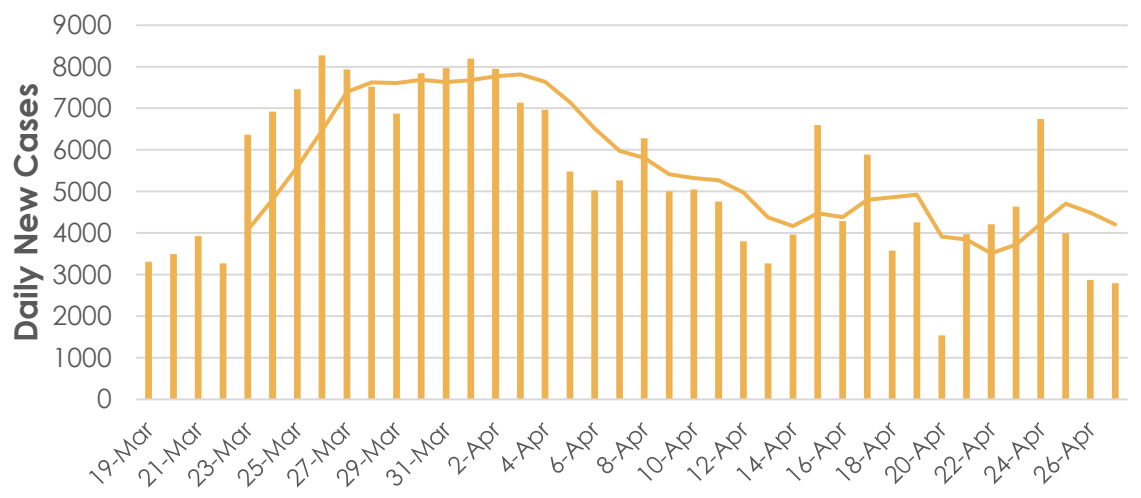
Active Cases in Spain

Active Cases
(Number of Infected People)



5-Day Moving Average Trendline

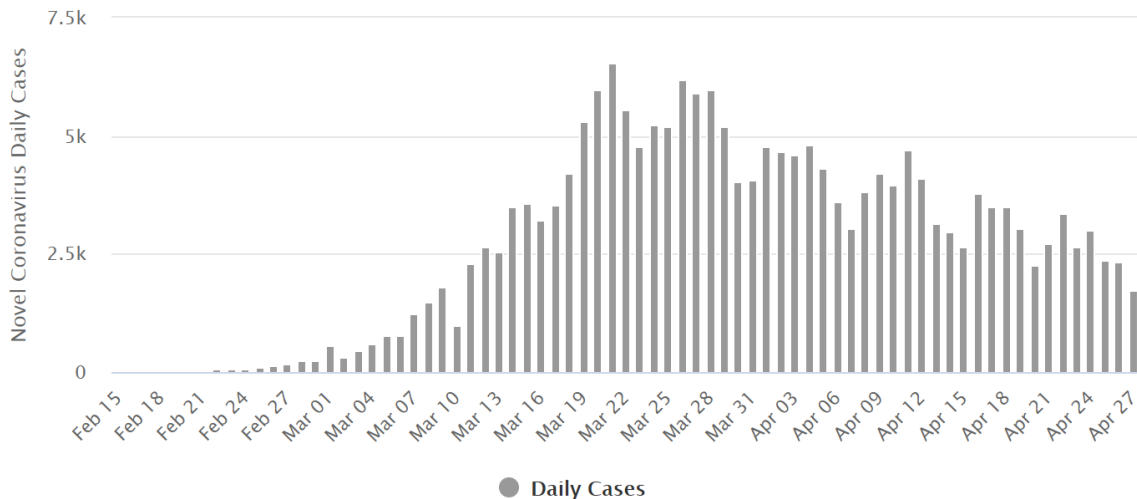
Spain 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Italy

Daily New Cases

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

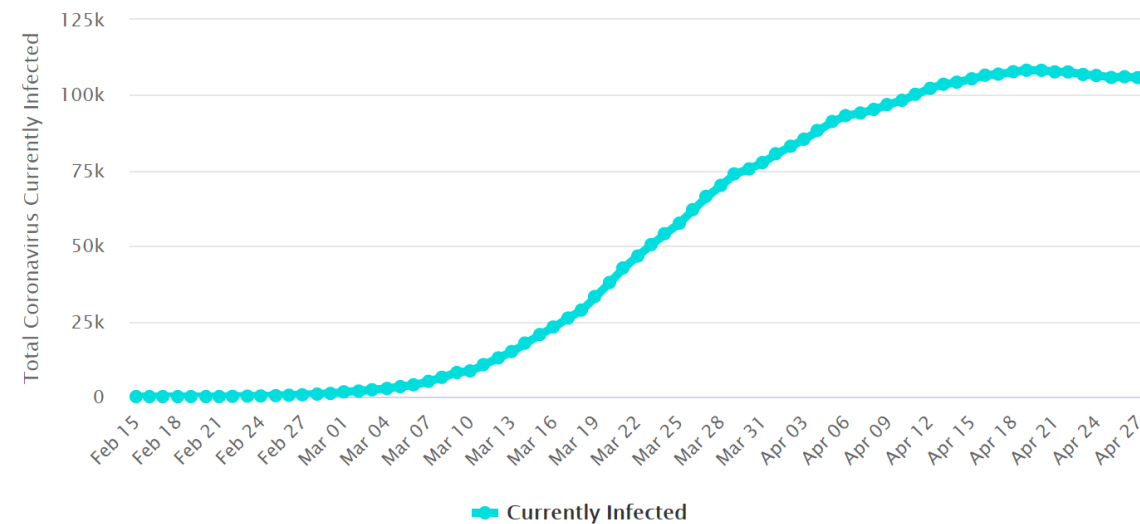


3. Italy

Active Cases in Italy

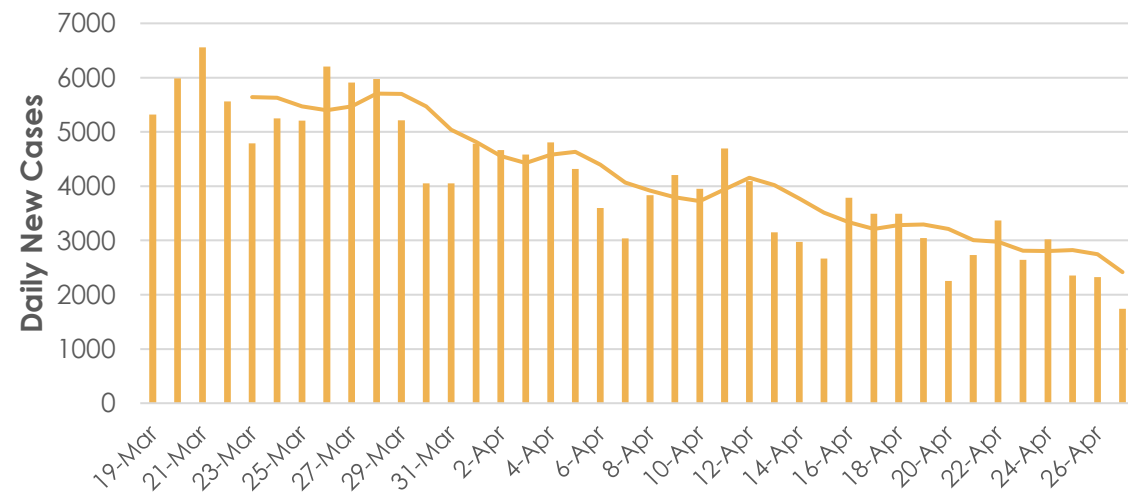
Active Cases

(Number of Infected People)



5-Day Moving Average Trendline

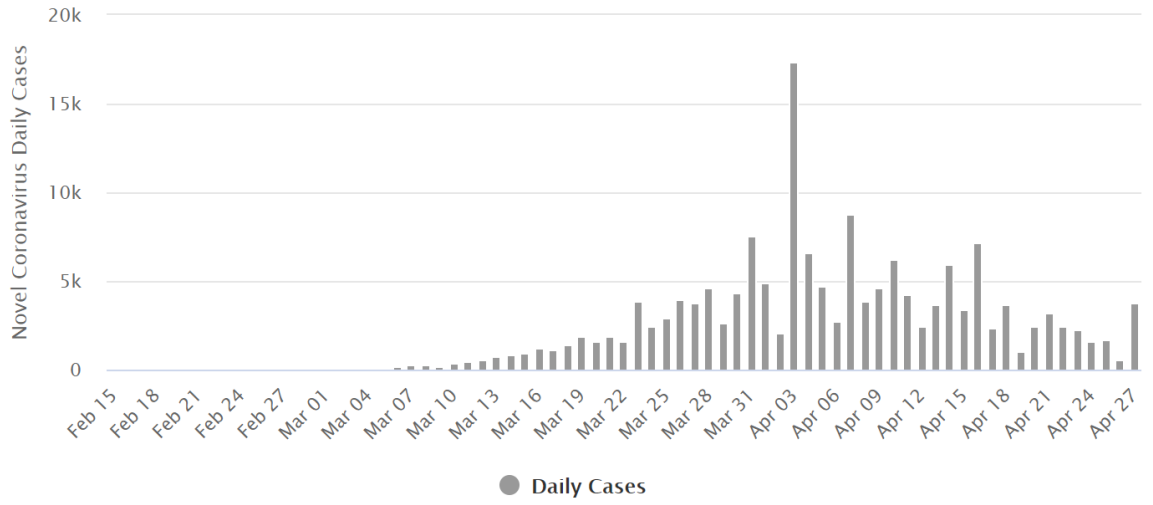
Italy 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in France

Daily New Cases

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



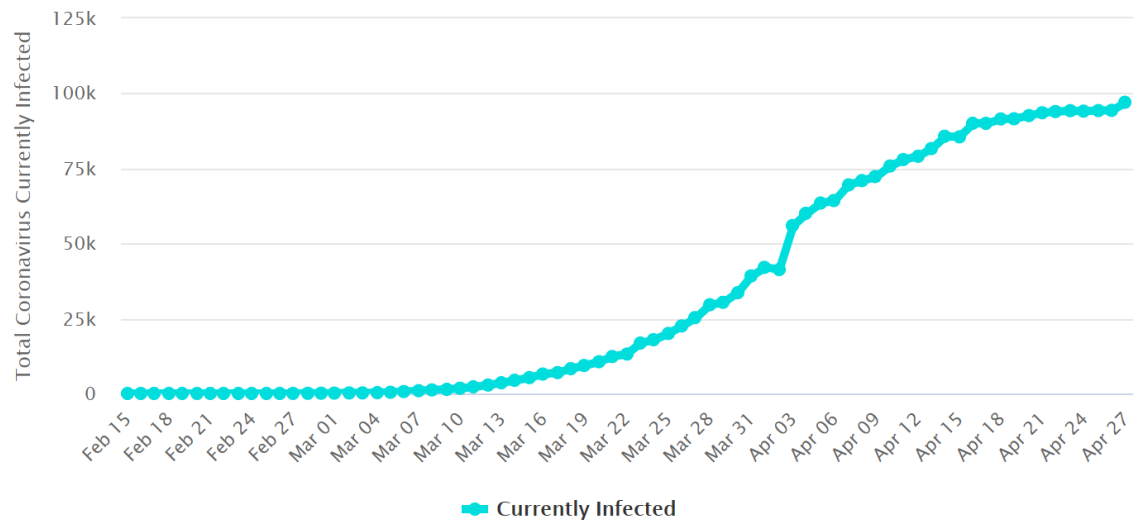
4. France

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

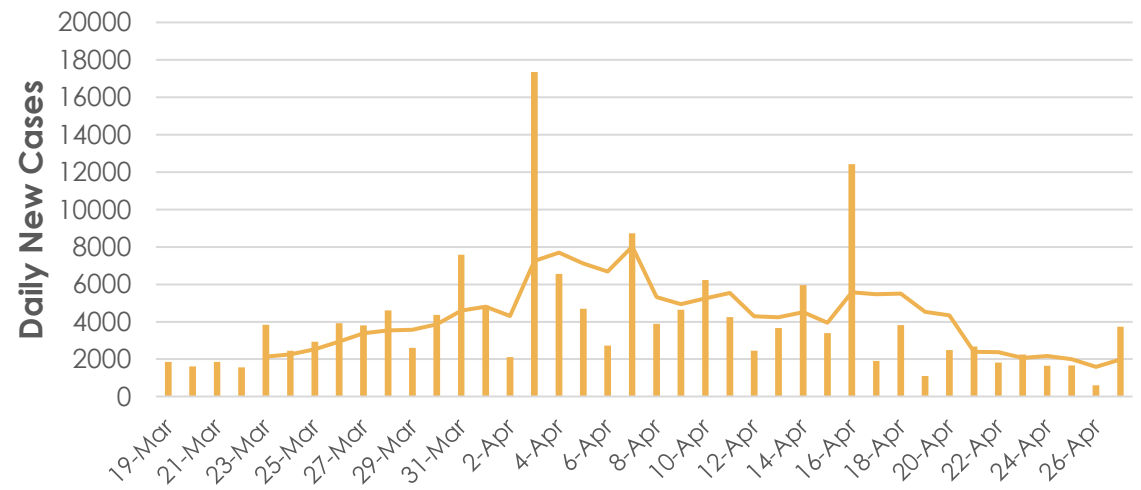
Active Cases

(Number of Infected People)

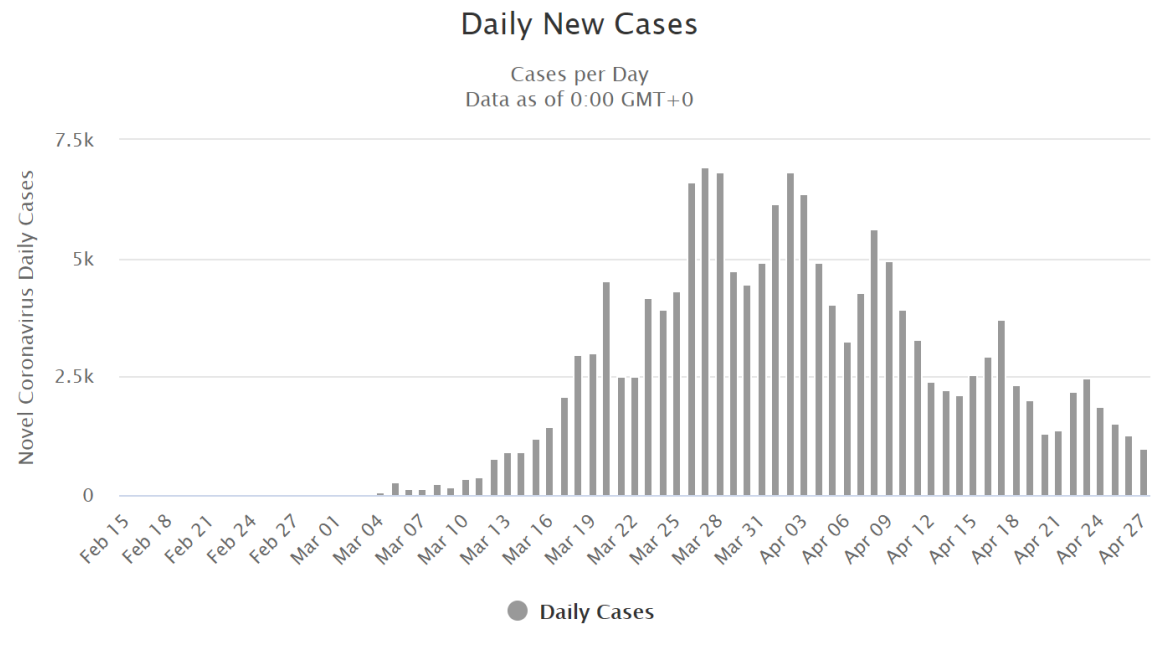


5-Day Moving Average Trendline

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

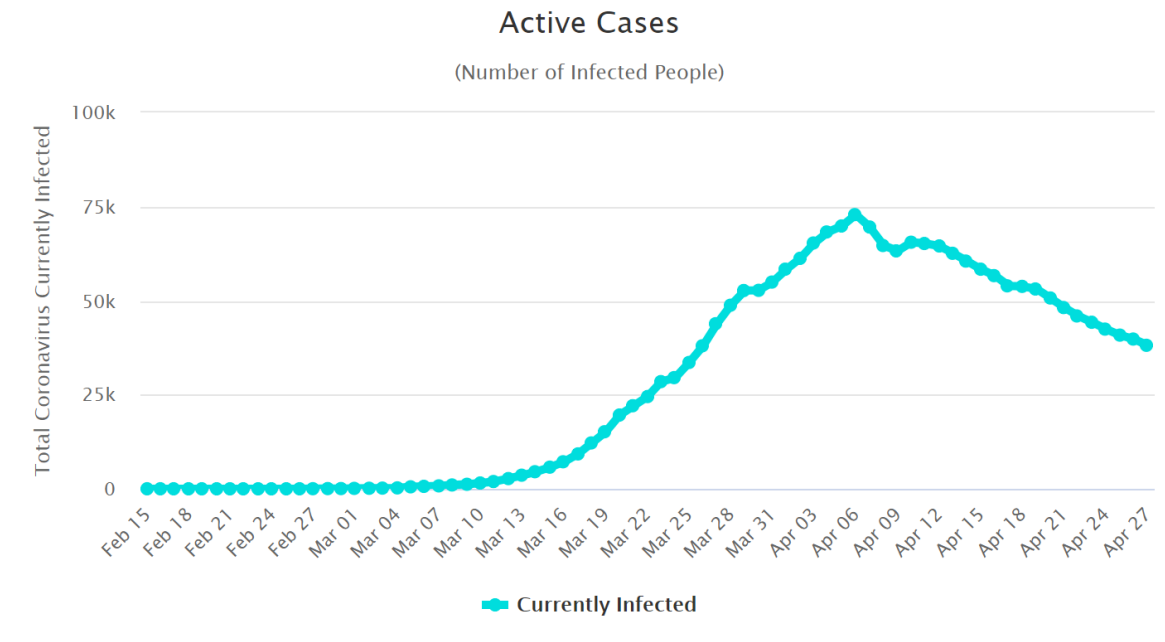


Daily New Cases in Germany

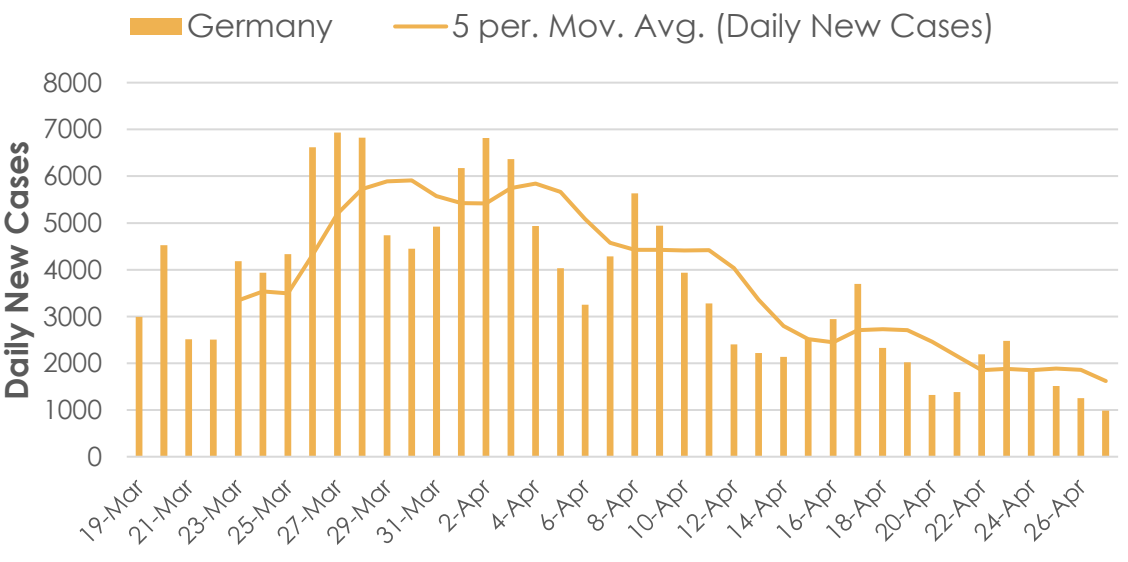


5. Germany

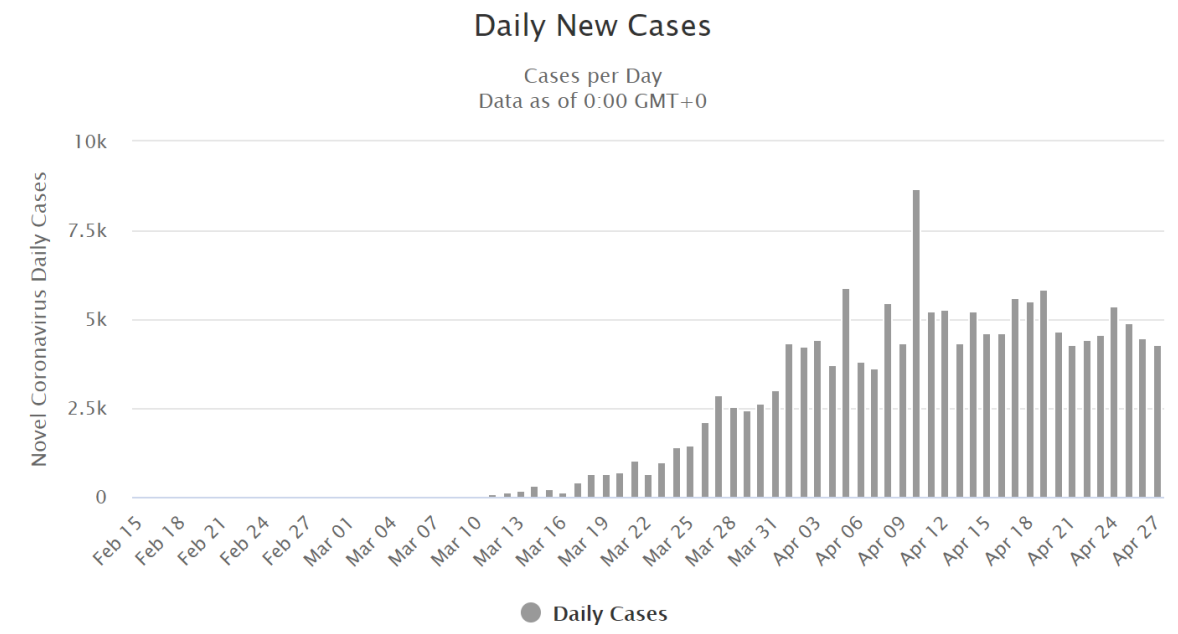
Active Cases in Germany



5-Day Moving Average Trendline

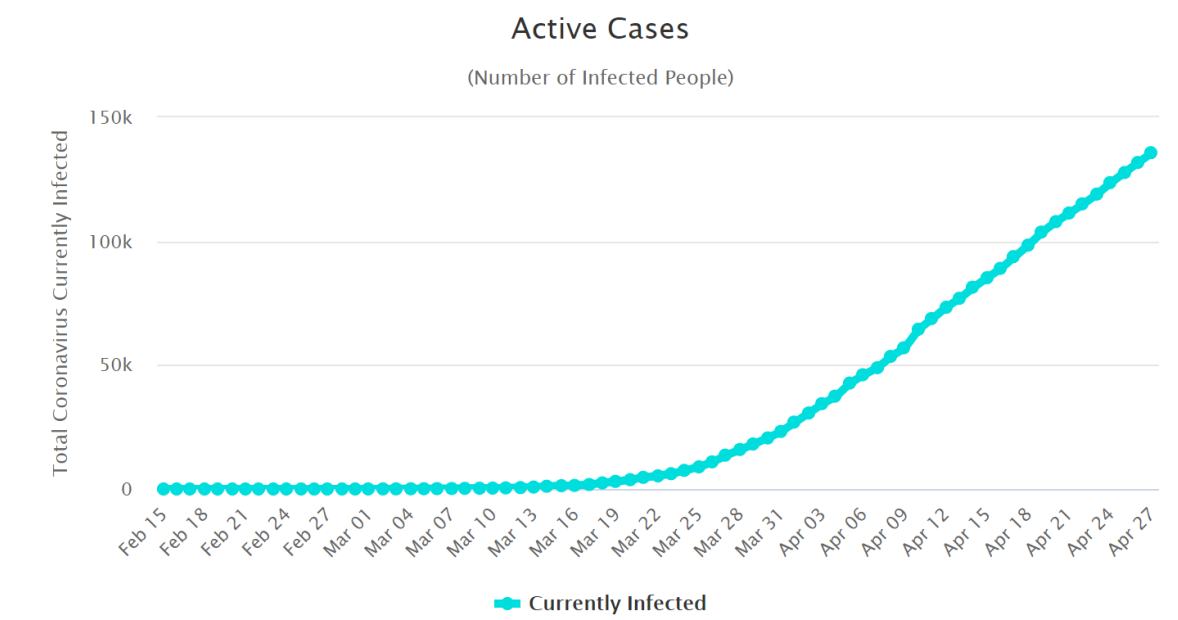


Daily New Cases in the United Kingdom

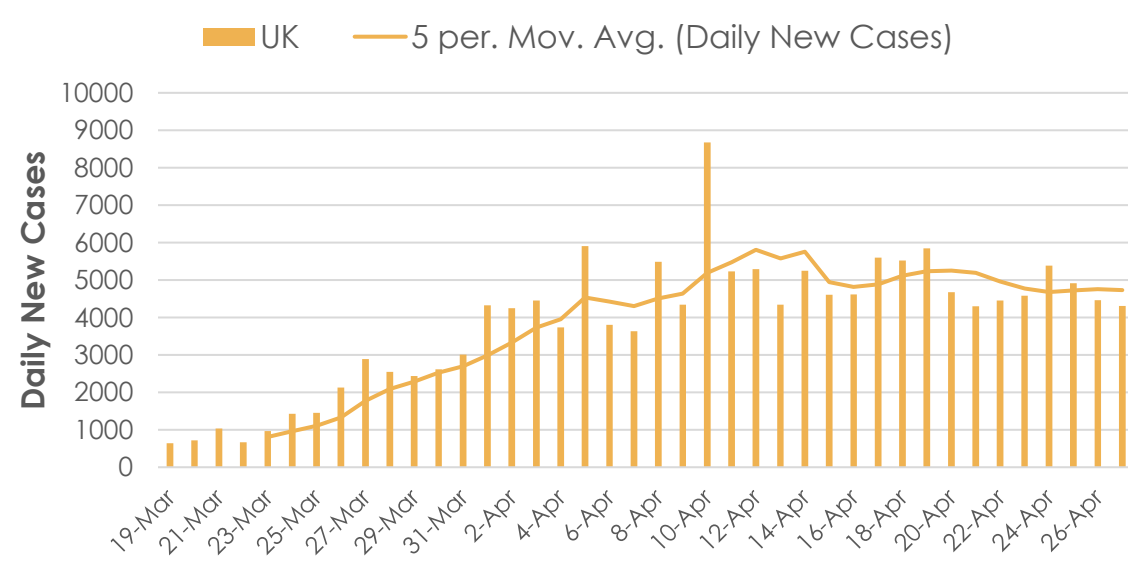


6. UK

Active Cases in the United Kingdom



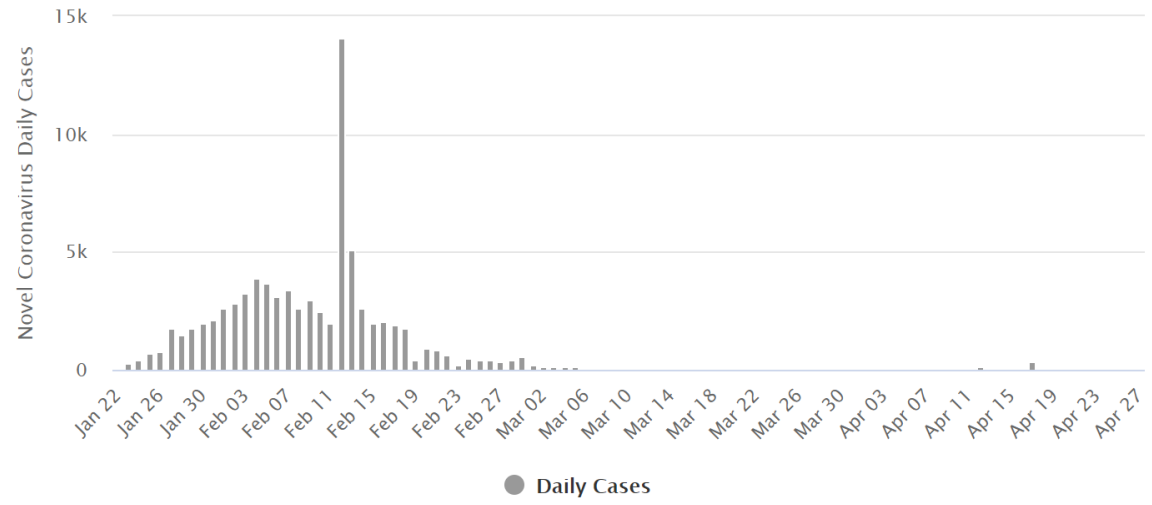
5-Day Moving Average Trendline



Daily New Cases in China

Daily New Cases

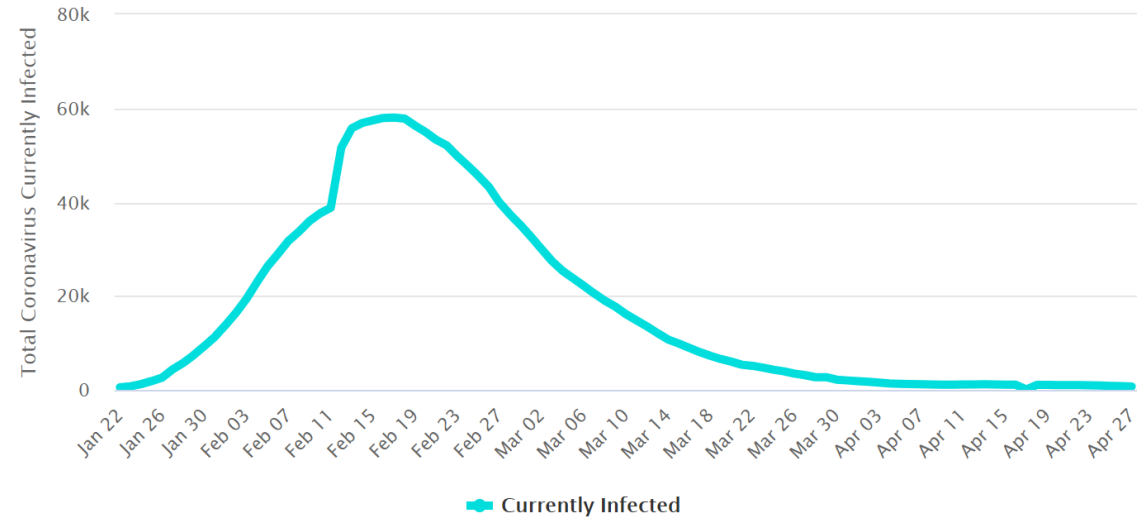
Cases per Day
Data as of 0:00 GMT+0



China

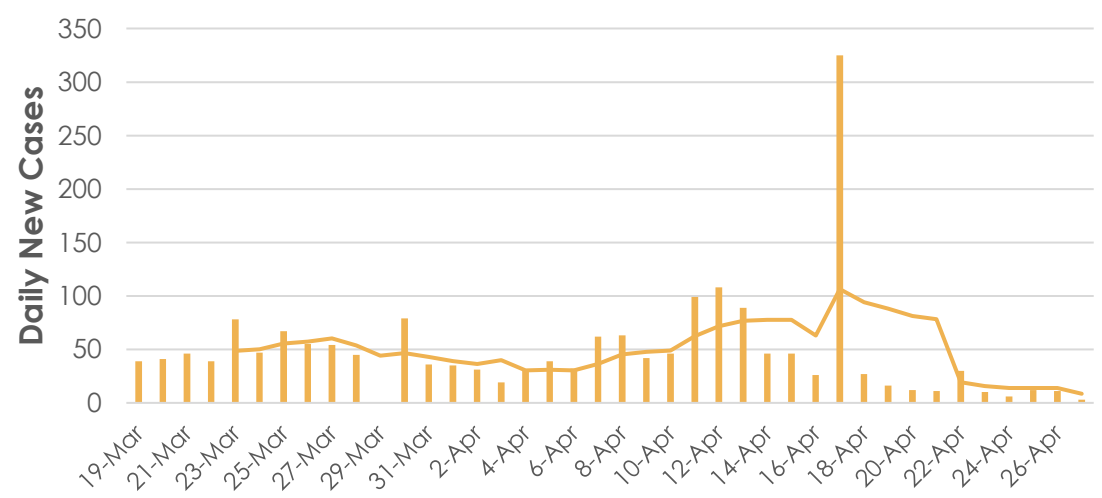
Active Cases in China

Active Cases
(Number of Infected People)



5-Day Moving Average Trendline

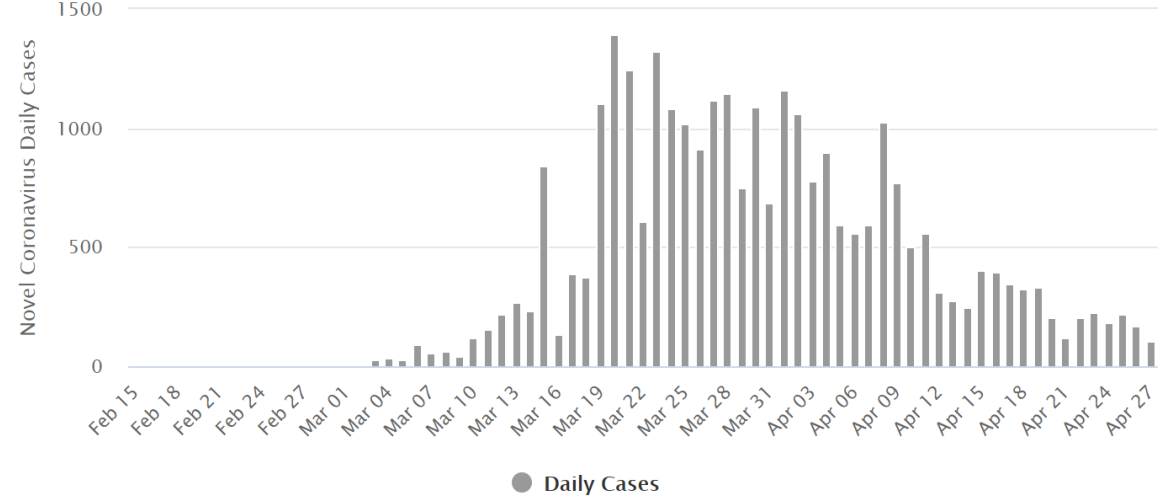
China 5 per. Mov. Avg. (Daily New Cases)



Daily New Cases in Switzerland

Daily New Cases

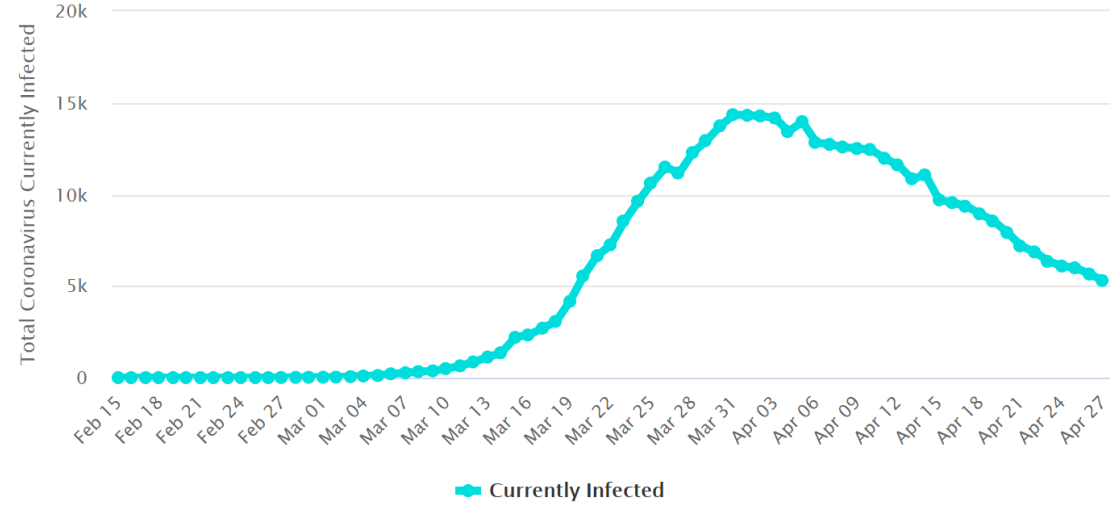
Cases per Day
Data as of 0:00 GMT+0



Switzerland

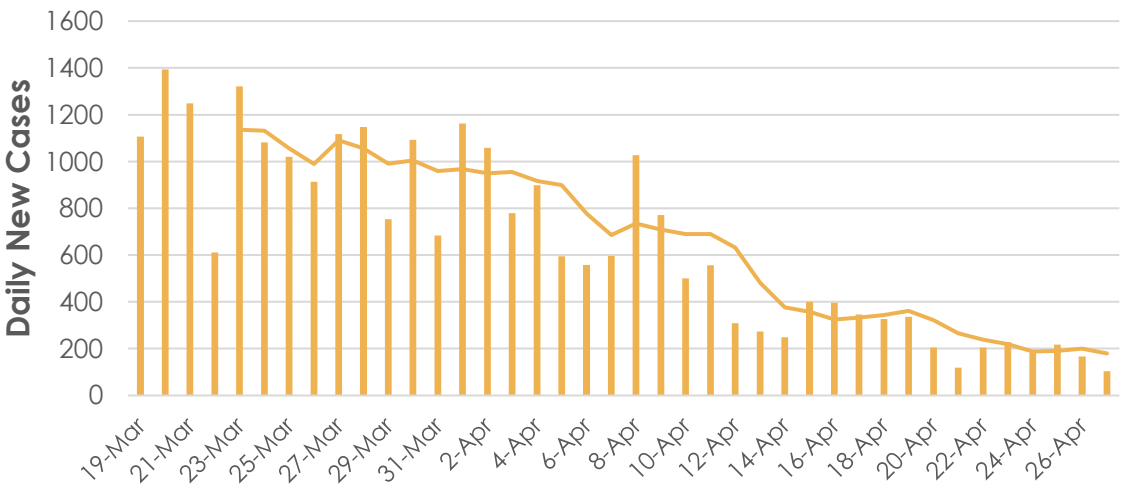
Active Cases in Switzerland

Active Cases
(Number of Infected People)

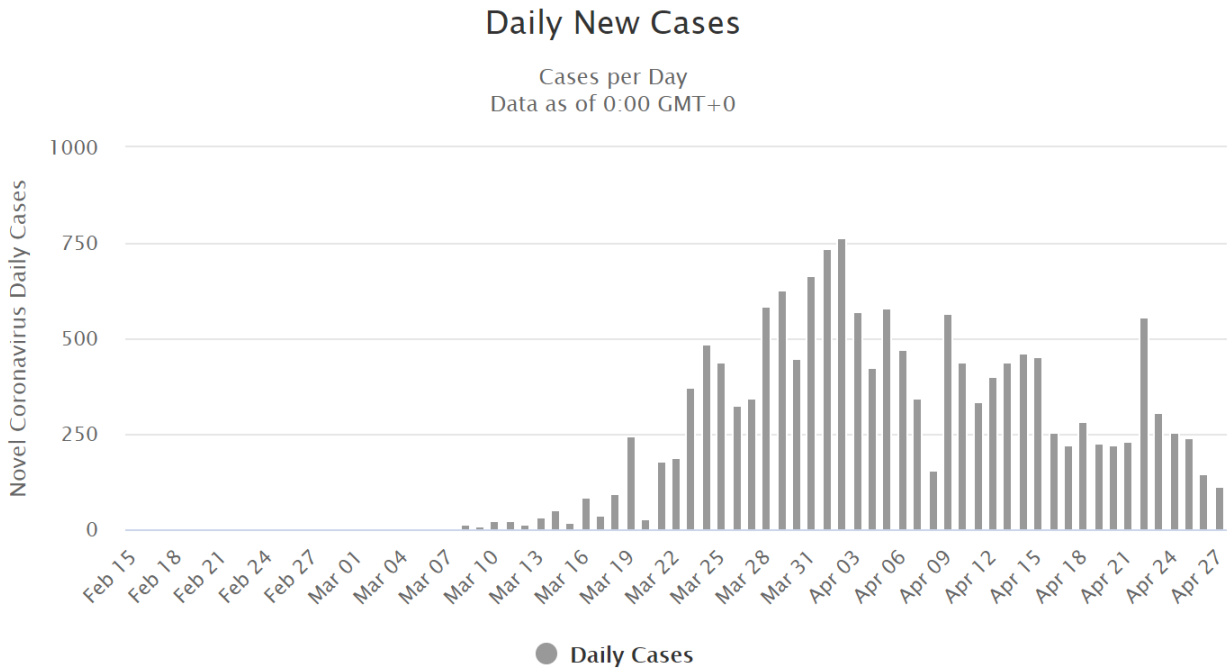


5-Day Moving Average Trendline

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

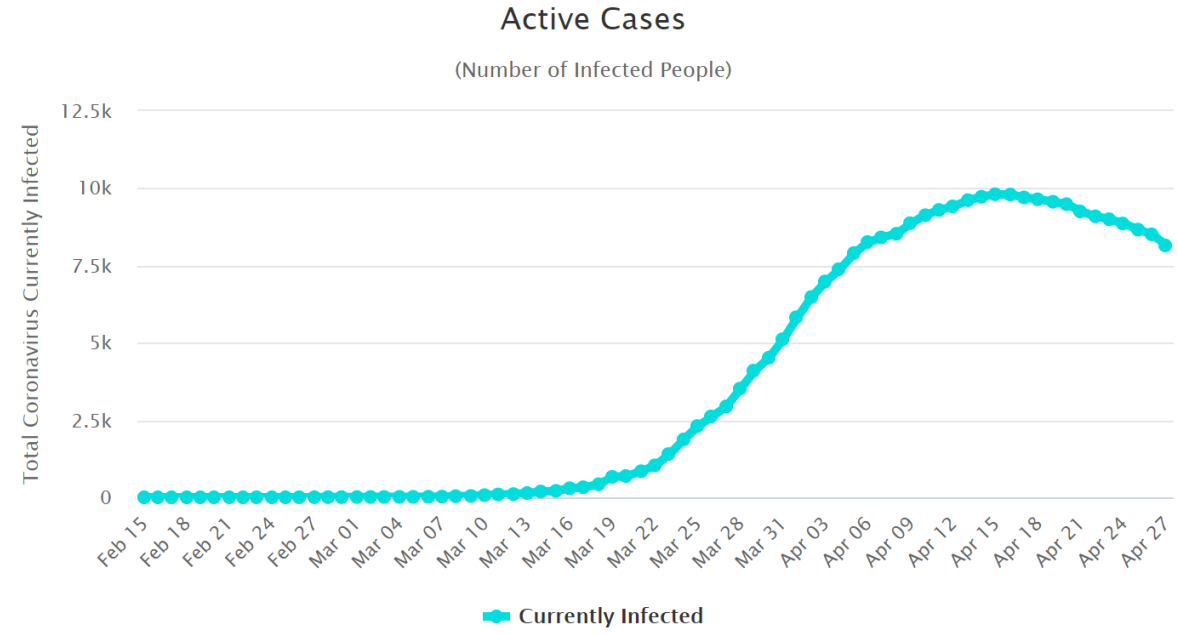


Daily New Cases in Israel



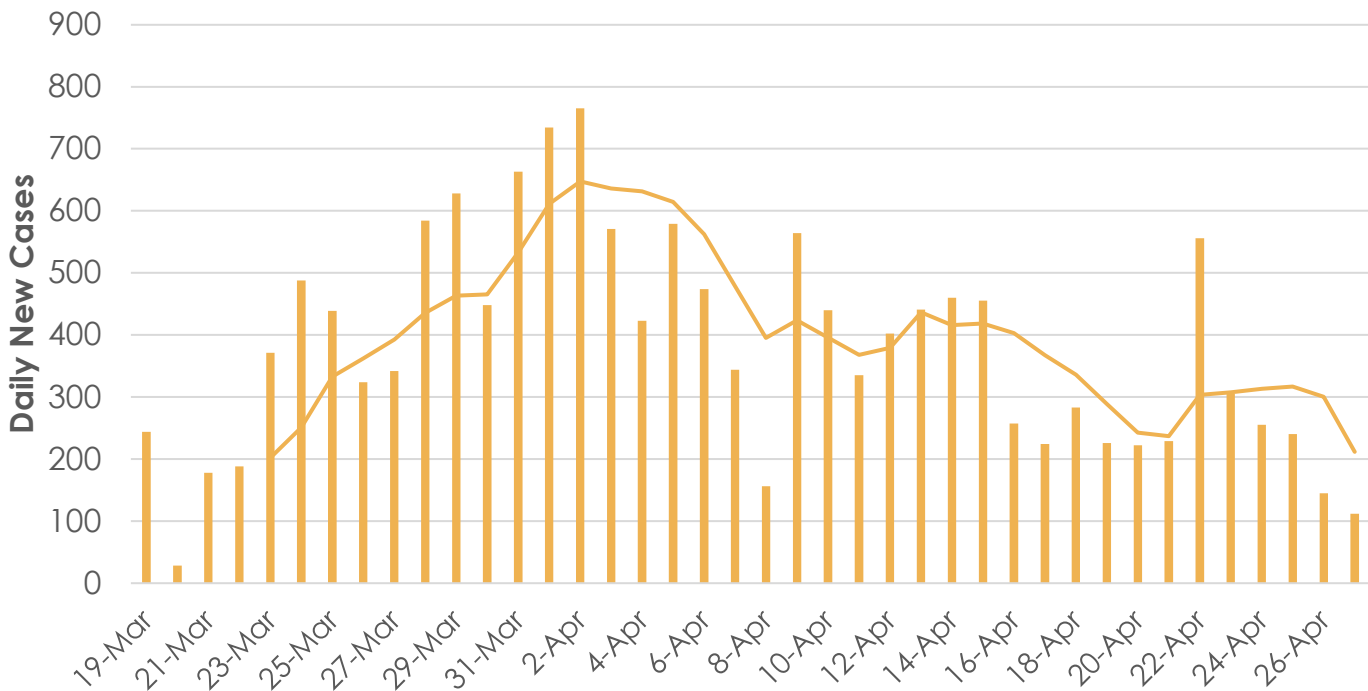
Israel

Active Cases in Israel



5-Day Moving Average Trendline

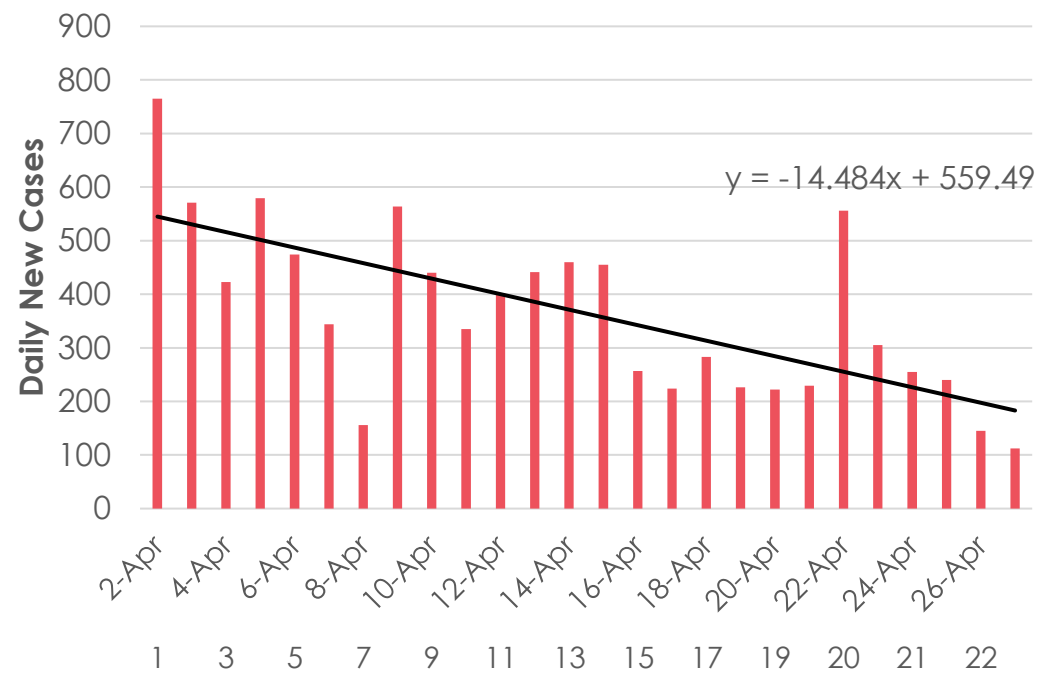
Israel 5 per. Mov. Avg. (Daily New Cases)



Trendlines for Israel

Israel Bar Chart of Daily New Cases from Peak till Today

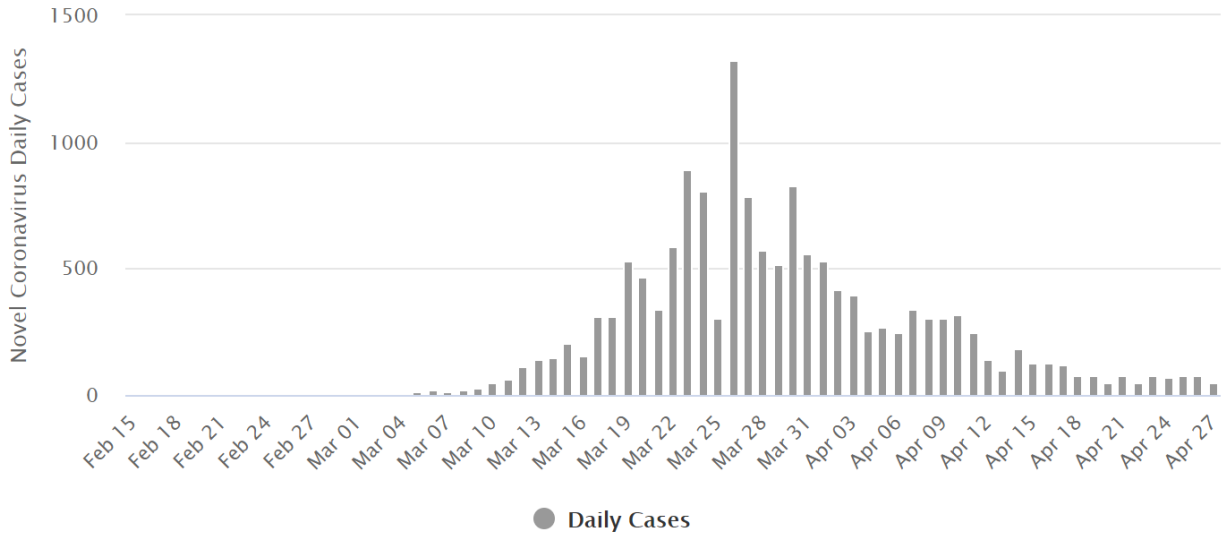
Linear Trendline
when $y = 0; x = 39$
(May 11)



Daily New Cases in Austria

Daily New Cases

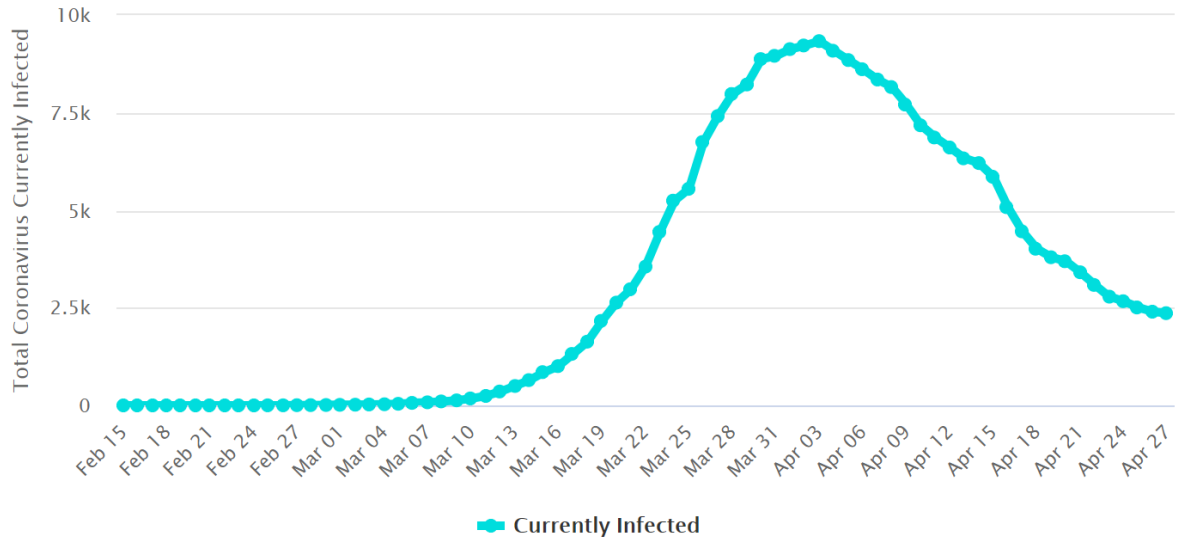
Cases per Day
Data as of 0:00 GMT+0



Austria

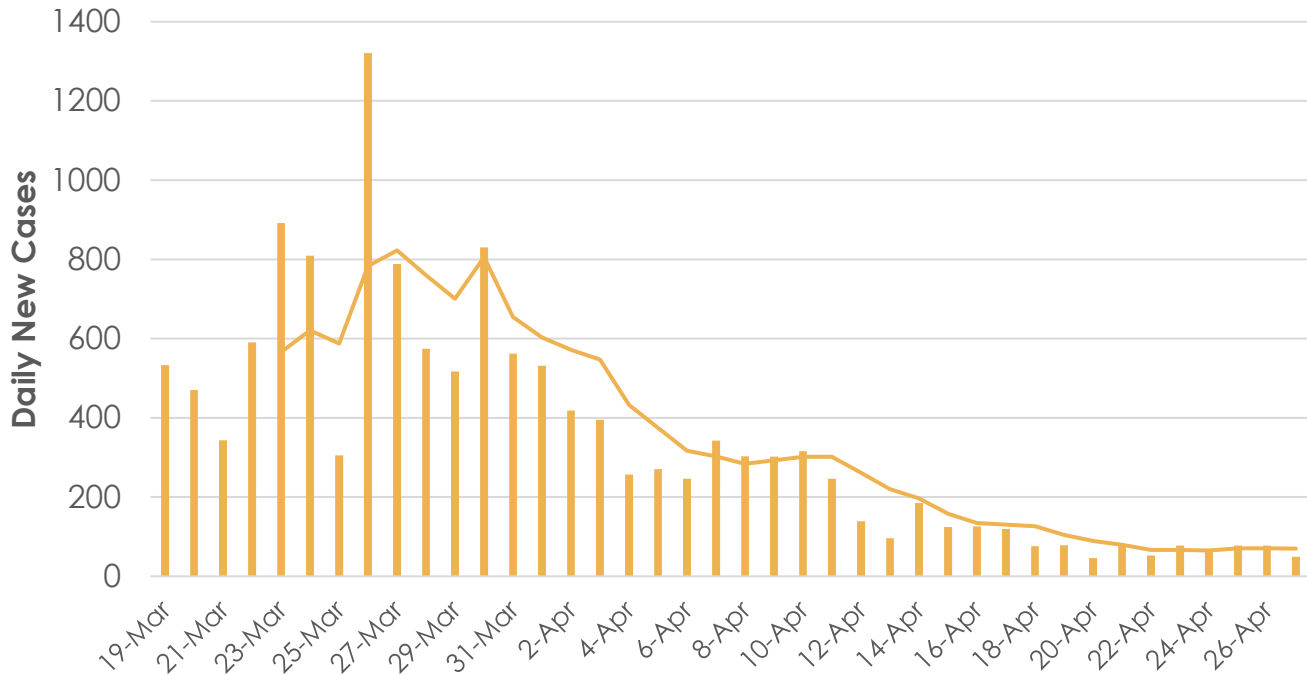
Active Cases in Austria

Active Cases
(Number of Infected People)



5-Day Moving Average Trendline

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

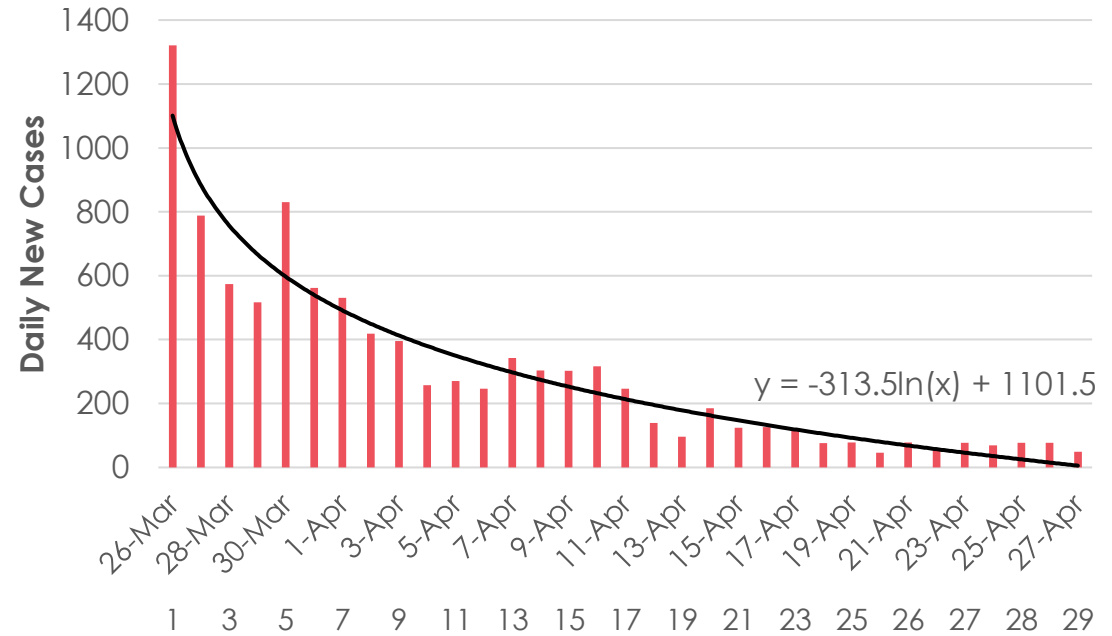


Trendlines for Austria

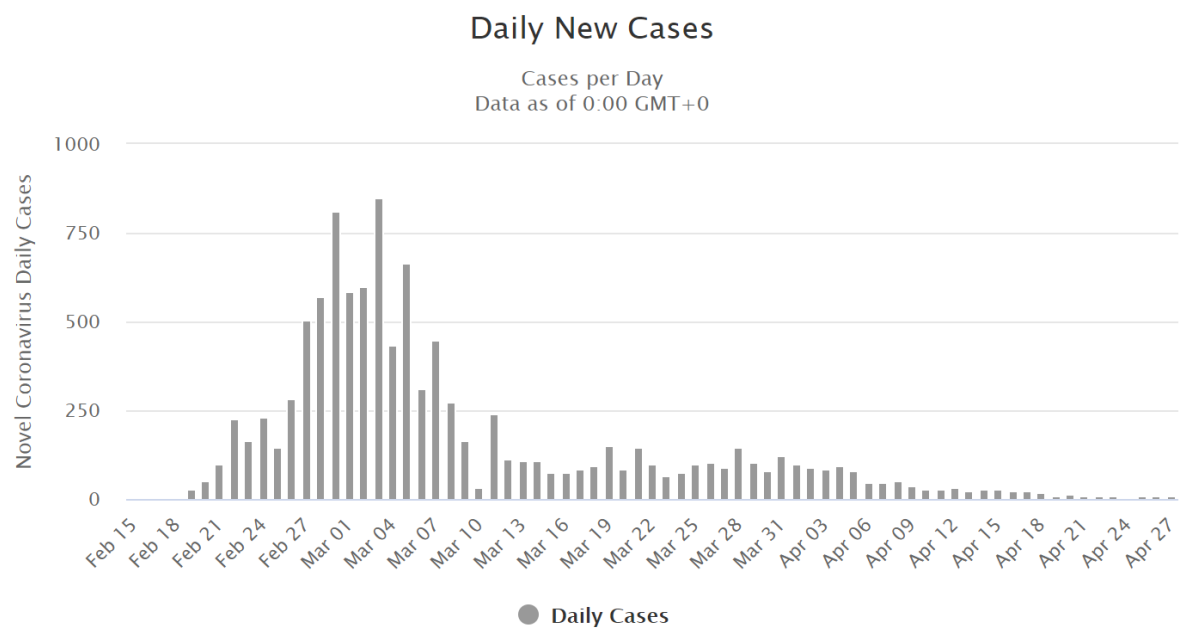
Austria Bar Chart of Daily New Cases from Peak till Today

— Logarithmic Trendline

when $y = 0$; $x = 34$
(April 29)

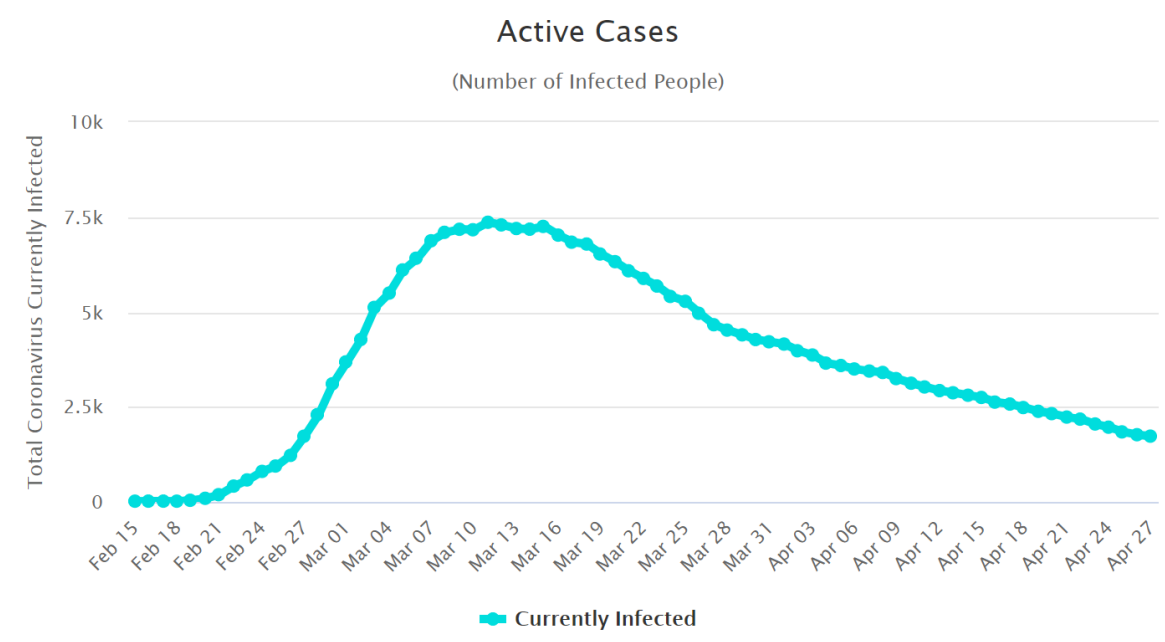


Daily New Cases in South Korea

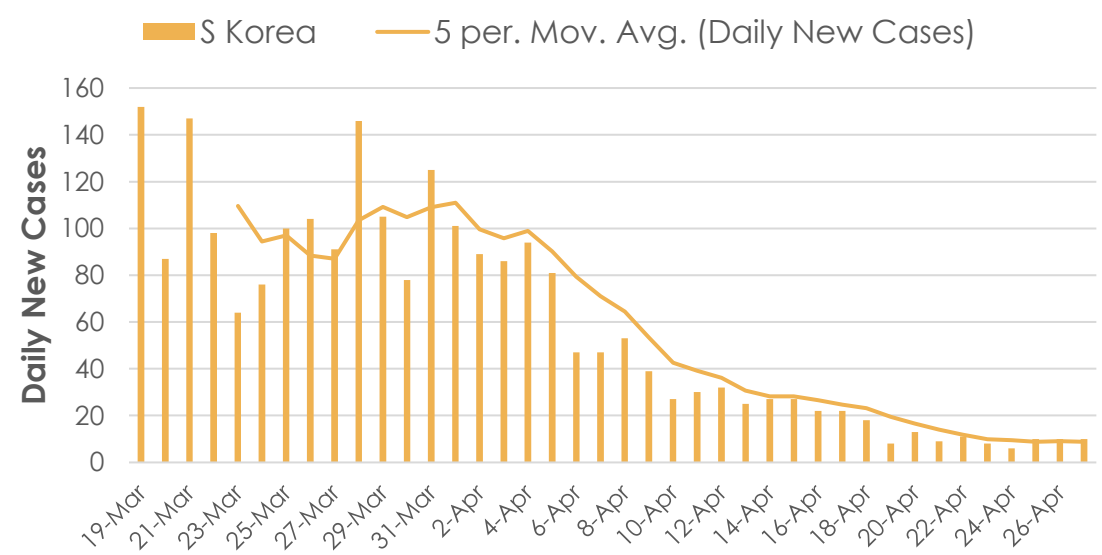


South Korea

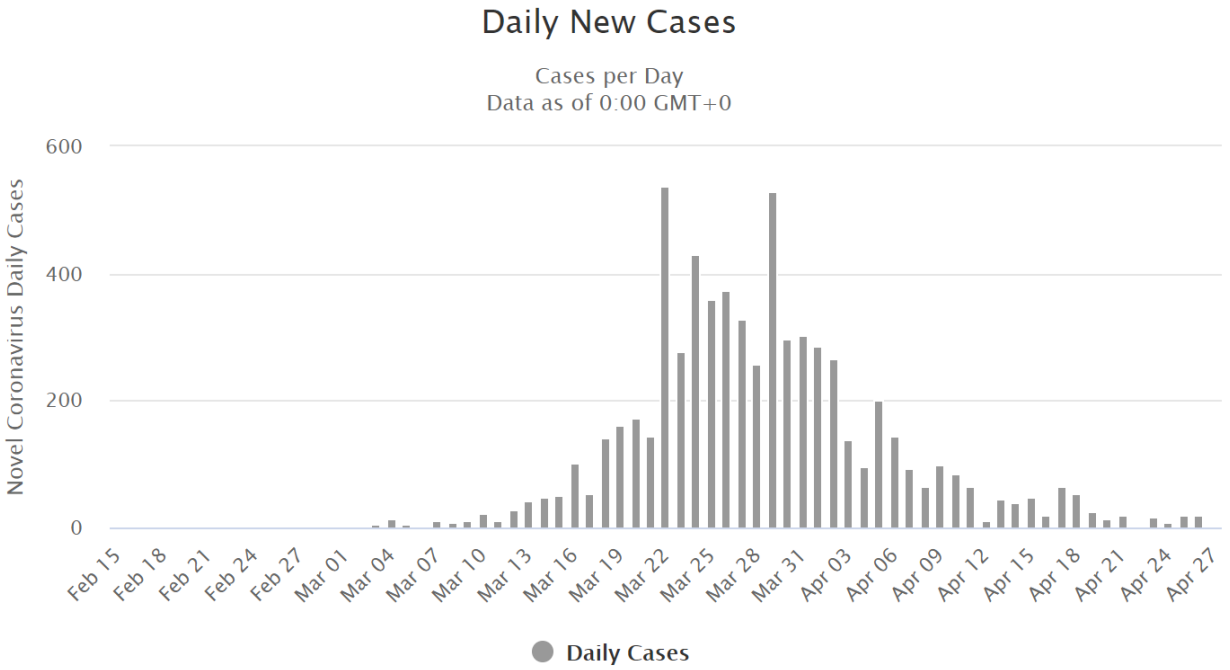
Active Cases in South Korea



5-Day Moving Average Trendline

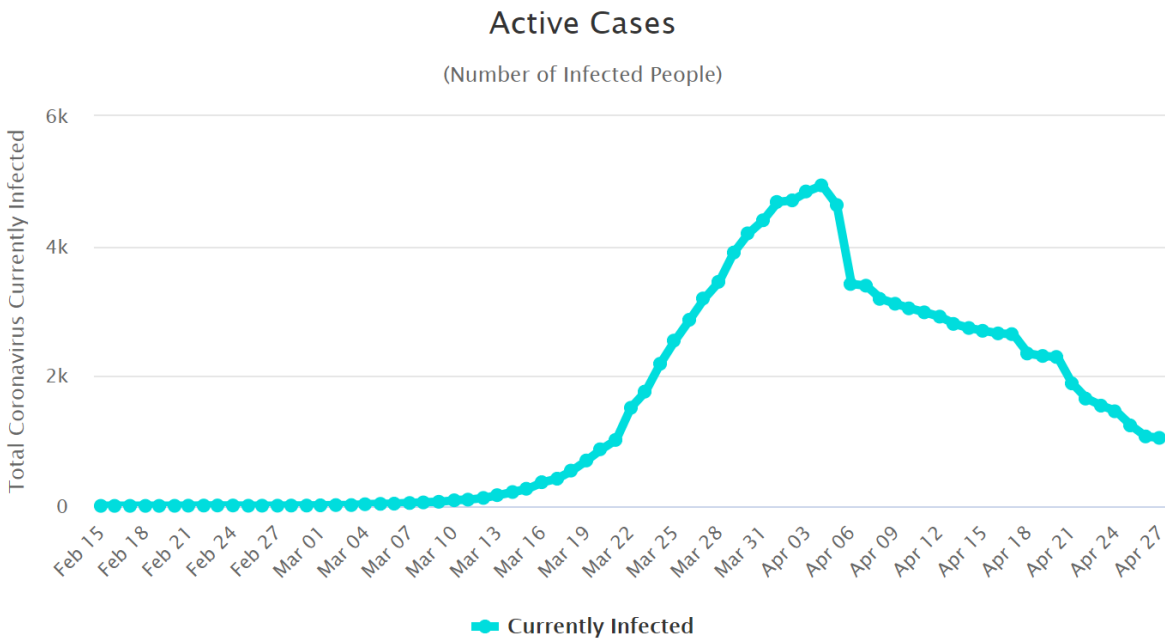


Daily New Cases in Australia

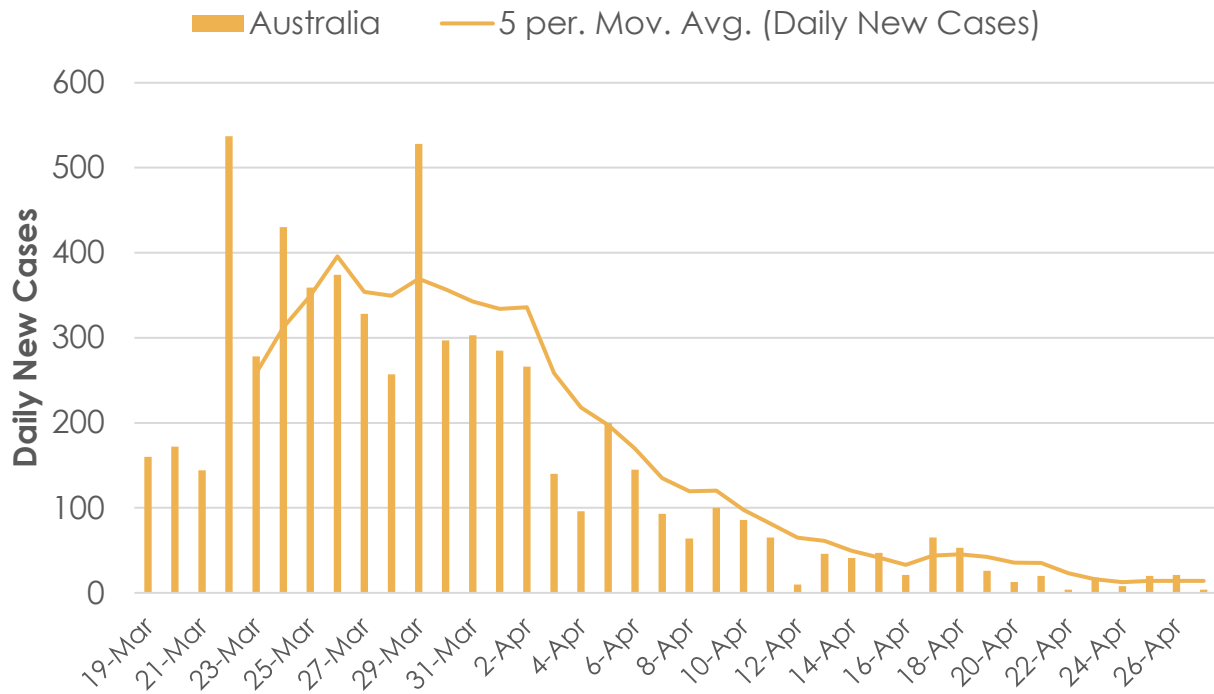


Australia

Active Cases in Australia

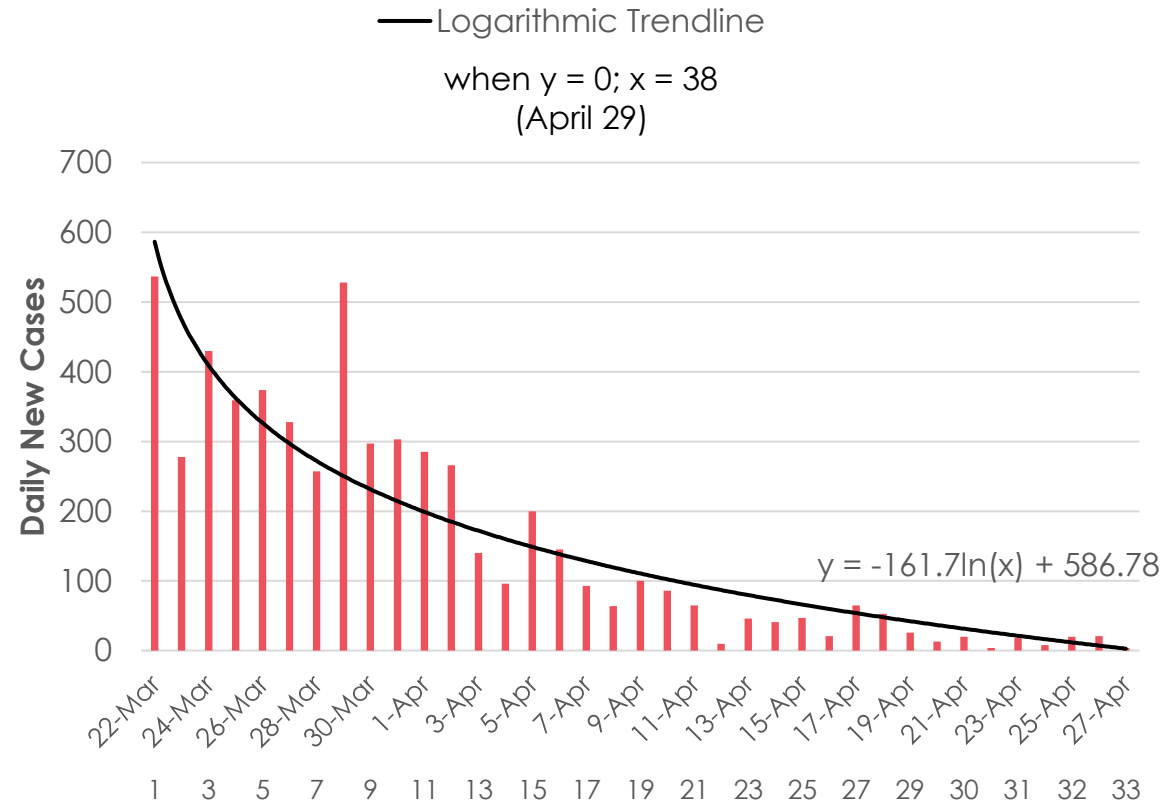


5-Day Moving Average Trendline



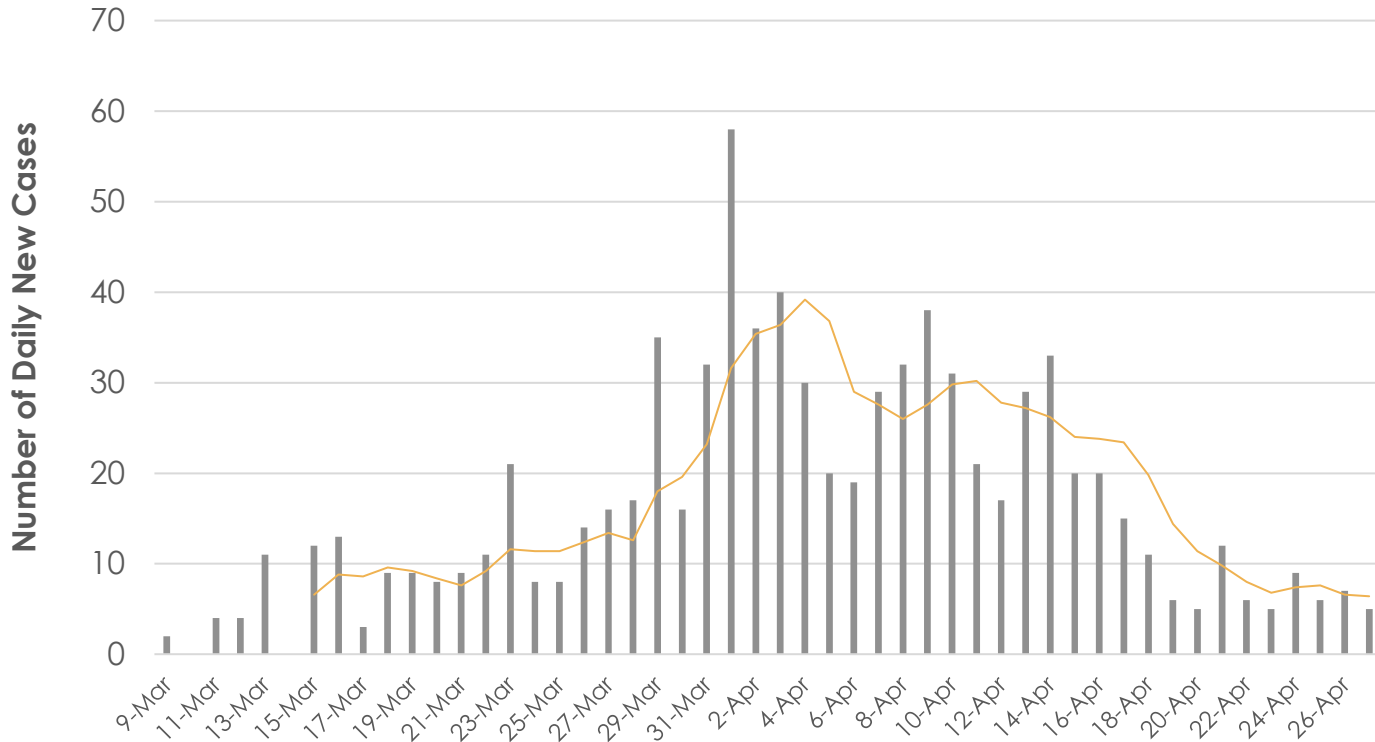
Trendlines for Australia

Australia Bar Chart of Daily New Cases from Peak till Today



Daily New Cases in Cyprus

— 5 per. Mov. Avg. (Daily New Cases)

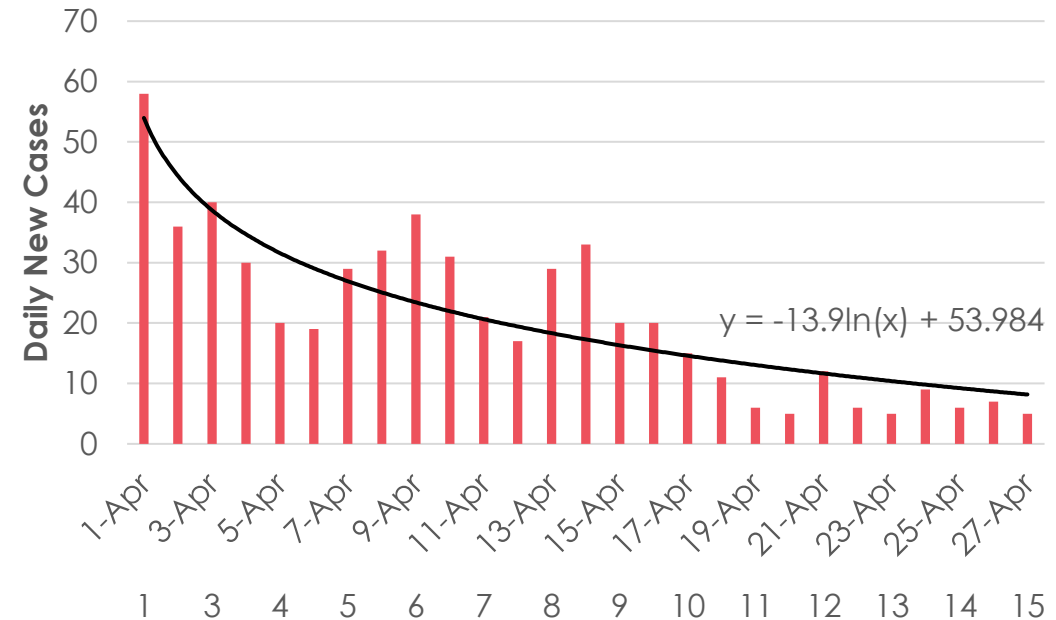


Cyprus

Cyprus Bar Chart of Daily New Cases from Peak Till Today

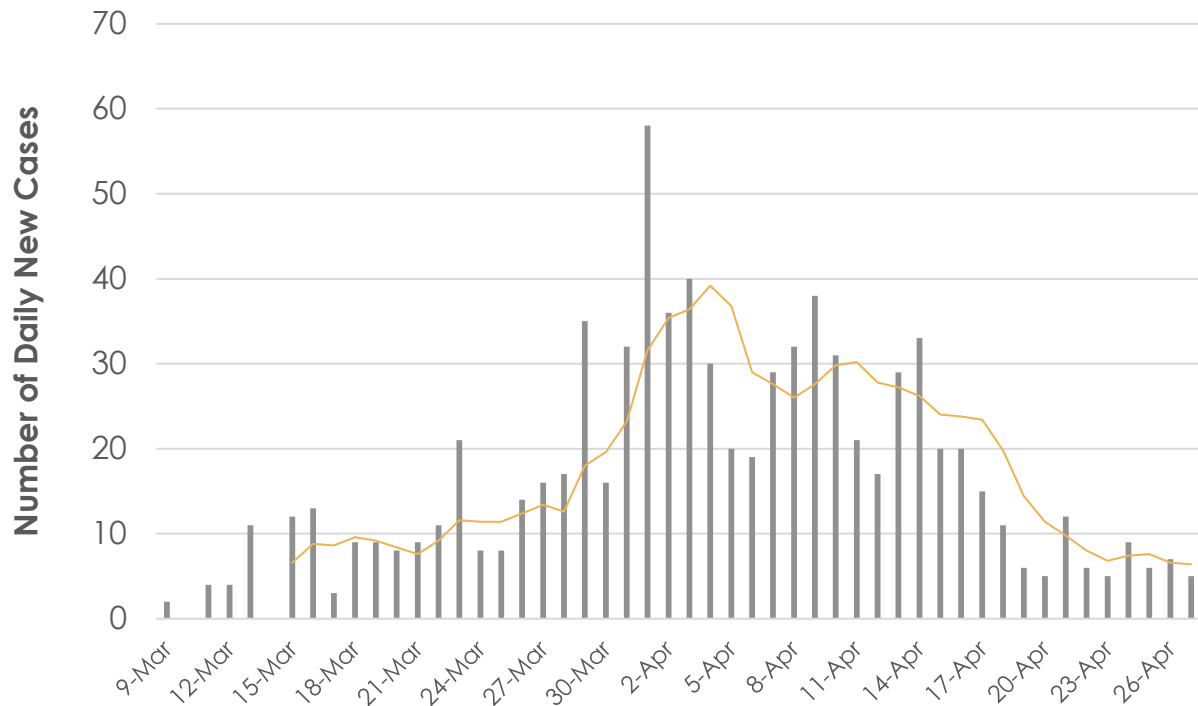
— Logarithmic Trendline

when $y = 0$; $x = 49$
(May 20)



Daily New Cases in Cyprus

— 5 per. Mov. Avg. (Daily New Cases)

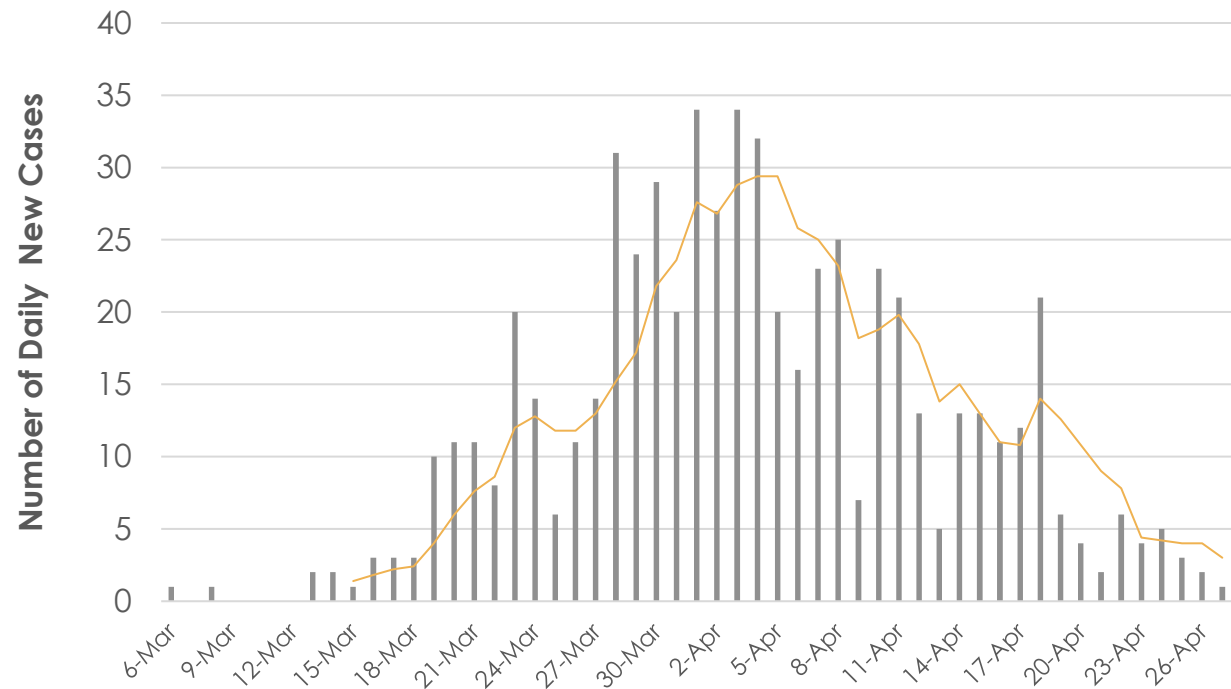


Cyprus

Correlation, r (Between Cyprus and Hawaii) = 0.693
 r is significant at $\alpha = 5\%$

Daily New Cases in Hawaii

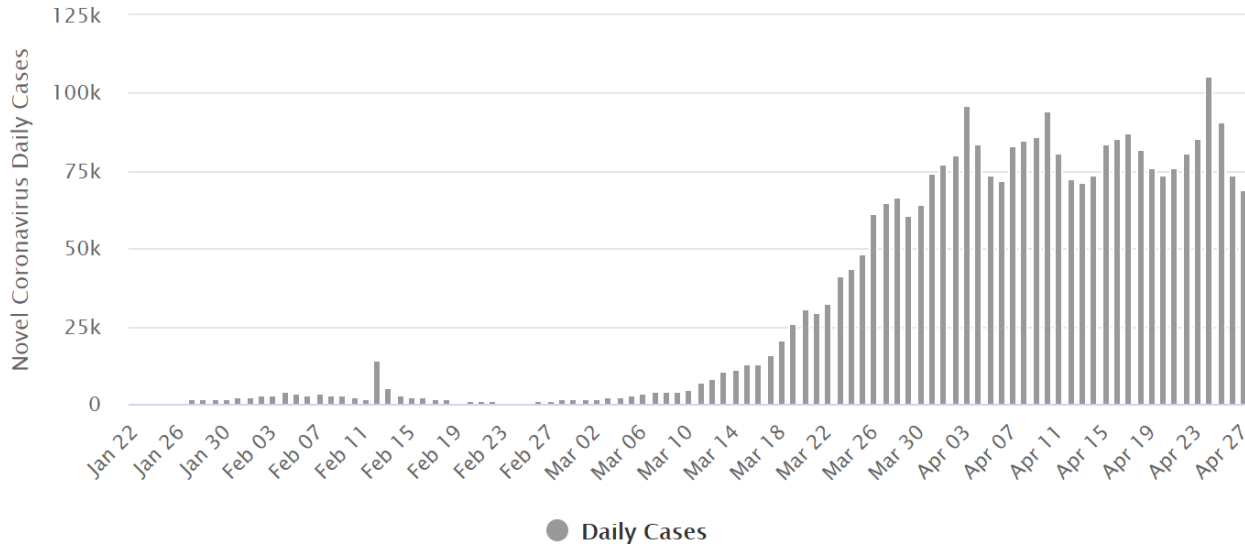
— 5 per. Mov. Avg. (Daily New Cases)



Hawaii

Daily New Cases

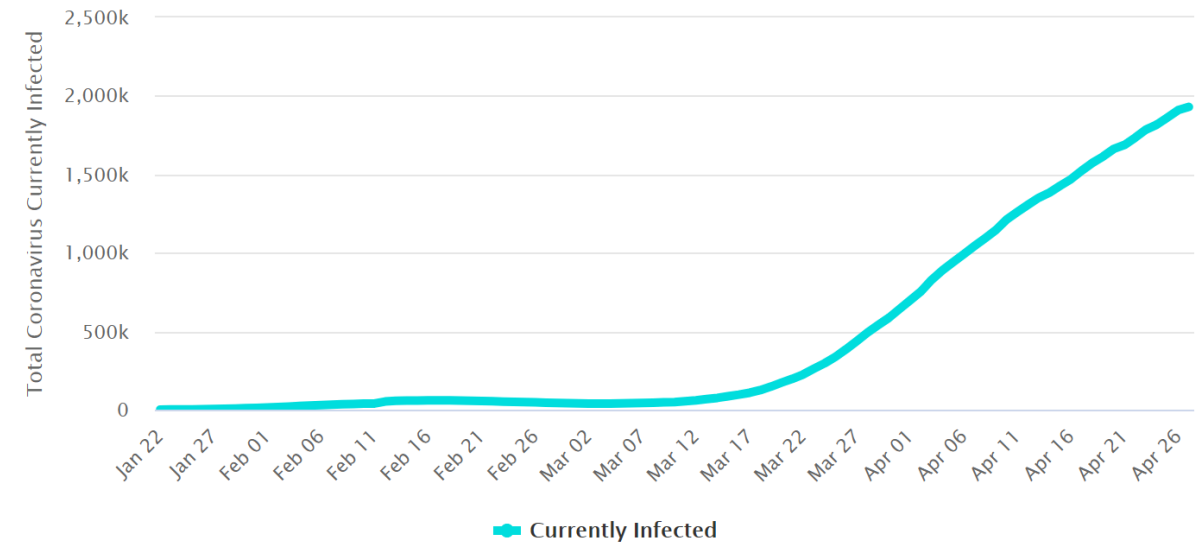
Cases per Day
Data as of 0:00 GMT+0



Worldwide

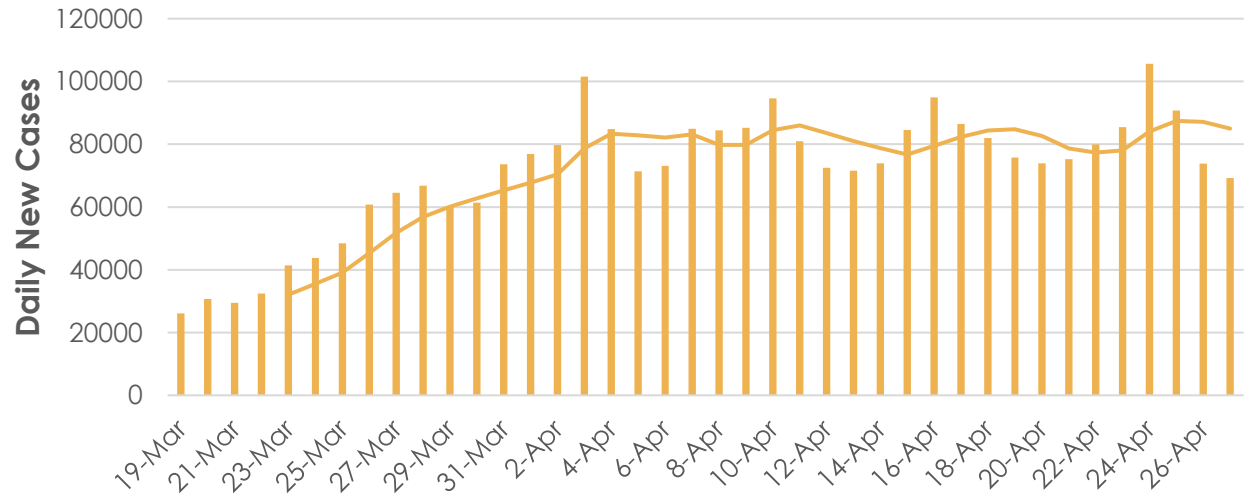
Active Cases

(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	4,207	46,751,178	4.675118	519	6/15/2020	3/12/2021
Italy	2,417	60,479,460	6.047946	671	5/25/2020	6/28/2021
Germany	1,622	83,730,512	8.373051	929	5/12/2020	6/30/2020
Switzerland	179	8,641,938	0.864194	96	5/3/2020	6/15/2020
Austria	70	8,996,119	0.899612	100	4/24/2020	4/29/2020
Australia	14	25,440,289	2.544029	282	4/22/2020	4/29/2020
Israel	211	8,628,141	0.862814	96	5/11/2020	8/22/2020
Cyprus	6	1,205,766	0.120576	13	4/28/2020	5/20/2020
France	1,980	65,247,490	6.524749	724	5/1/2020	5/16/2020

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