

# COVID-19 CASES

AS OF SATURDAY 3/28/2020, 6:00PM HST

Statistics regarding daily new cases and active cases the eight countries that has the highest number of total cases, and South Korea

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

Statistics regarding daily new cases are also included for Cyprus and Hawaii.

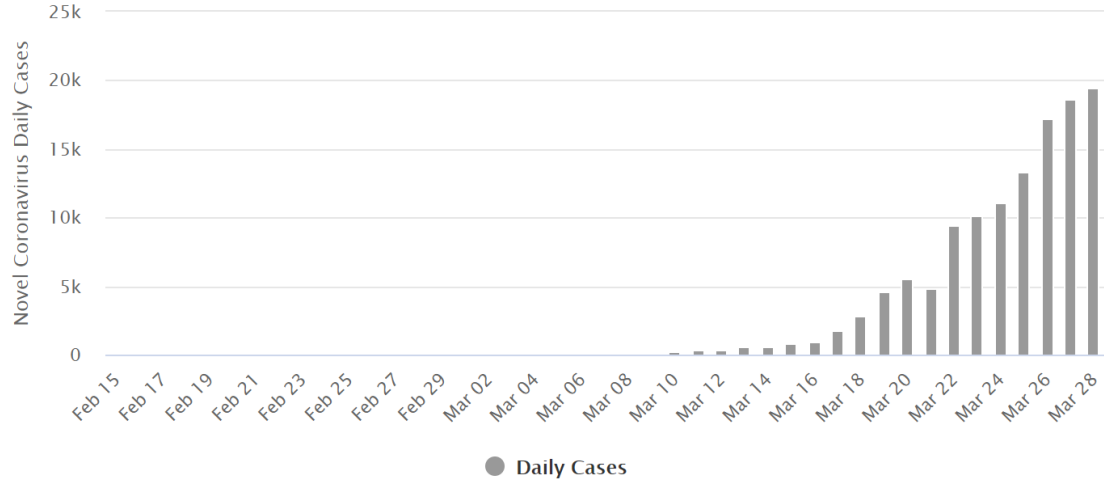
Source: <https://www.financialmirror.com/category/cyprus/>

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

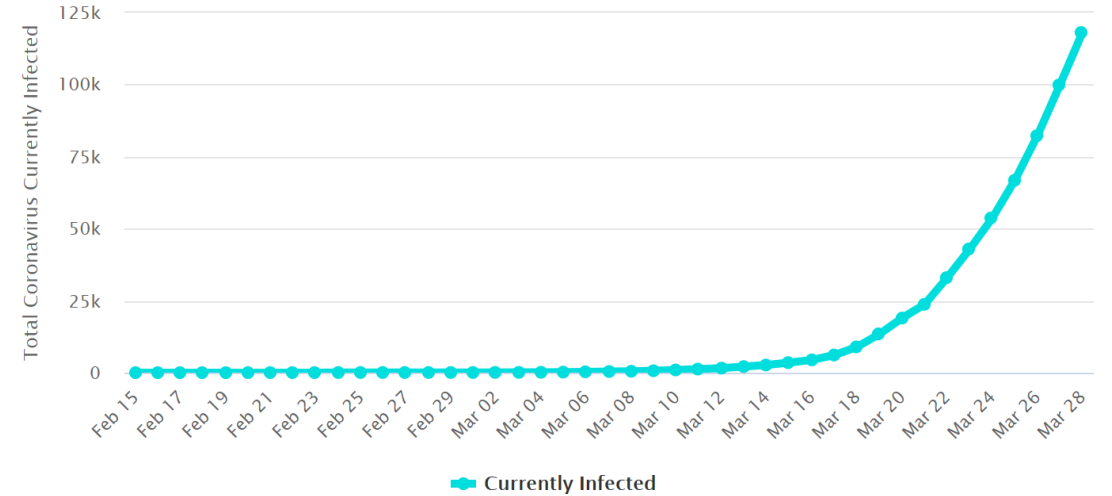


# I. USA

## Active Cases in the United States

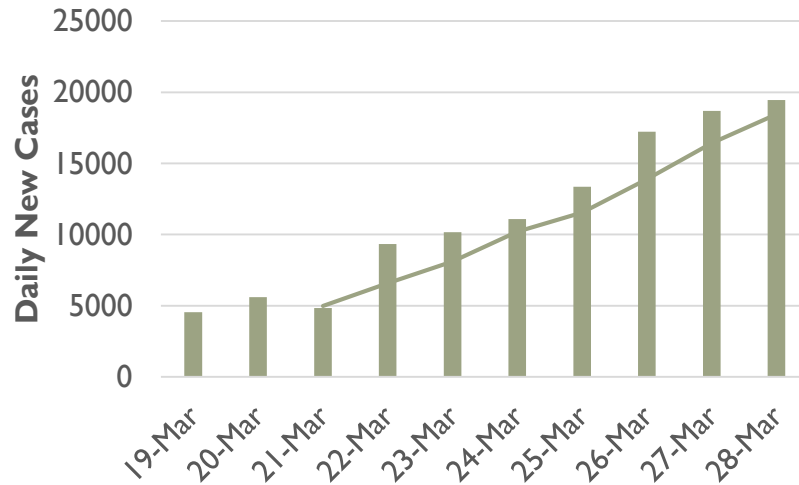
### Active Cases

(Number of Infected People)



## 3-Day Moving Average Trendline

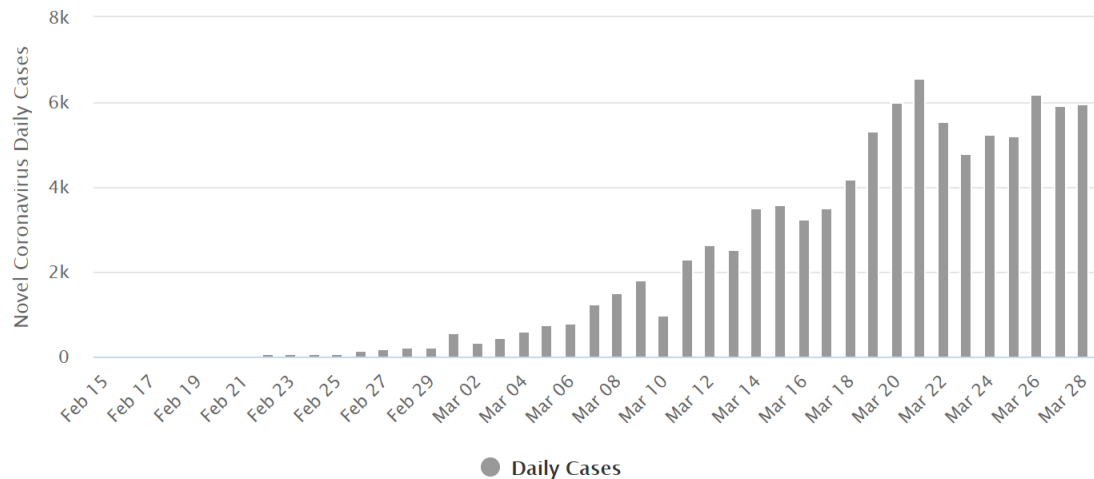
USA 3 per. Mov. Avg. (Daily New Cases)



## Daily New Cases in Italy

### Daily New Cases

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

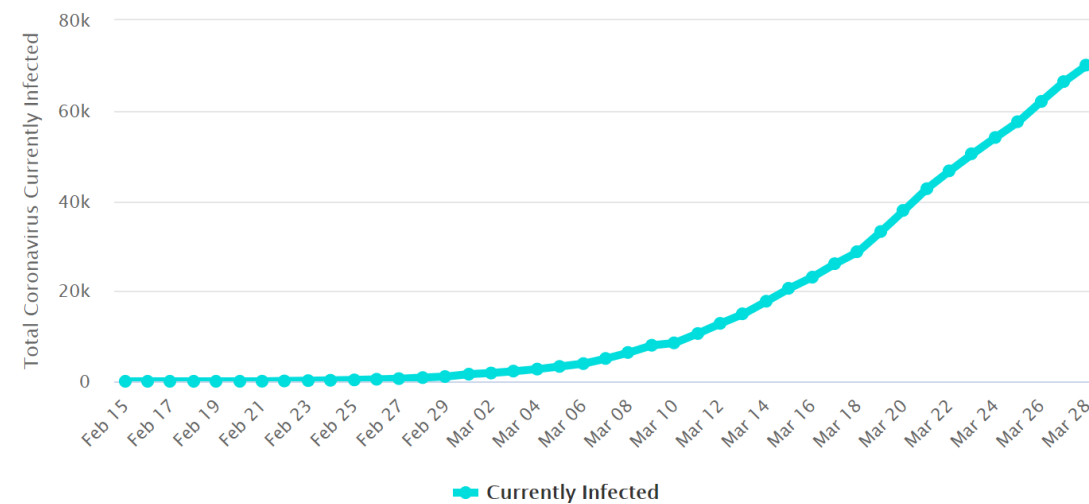


# 2. Italy

## Active Cases in Italy

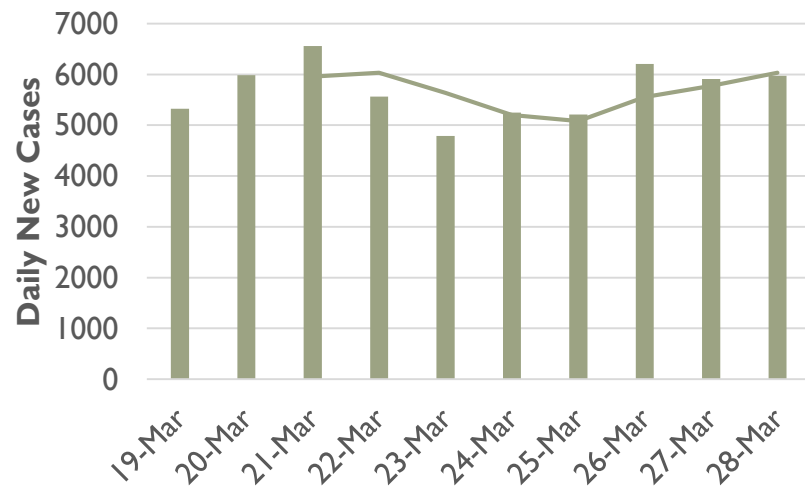
### Active Cases

(Number of Infected People)

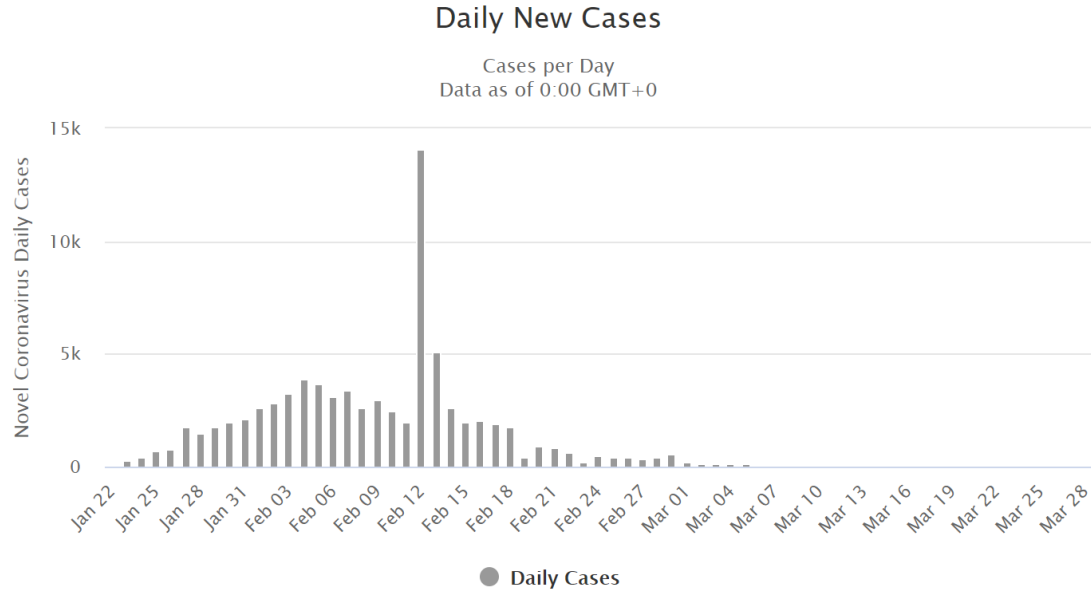


## 3-Day Moving Average Trendline

Italy 3 per. Mov. Avg. (Daily New Cases)

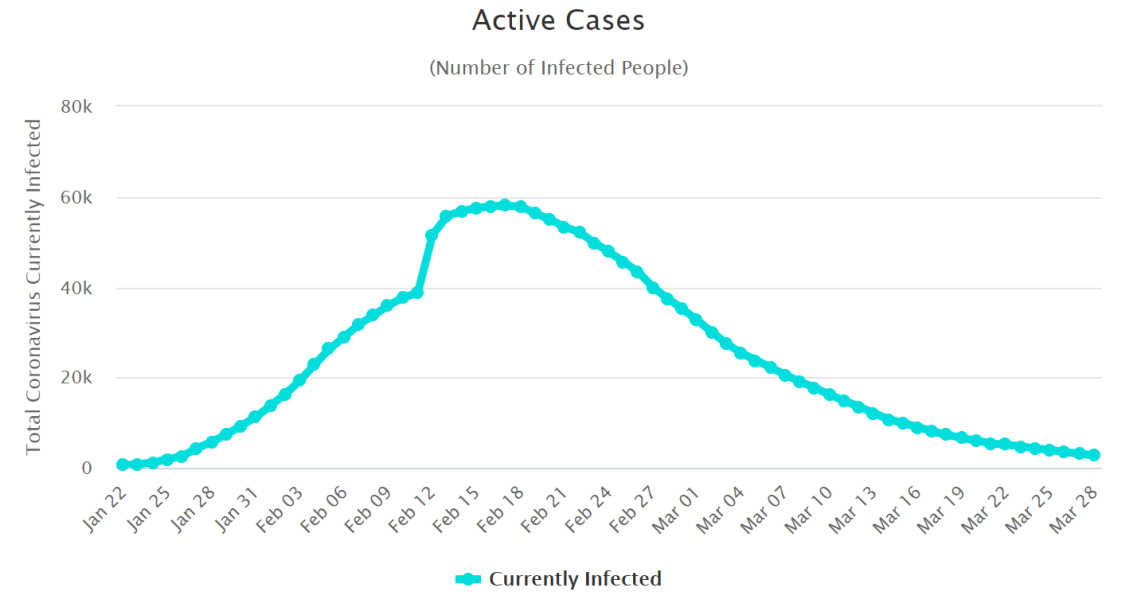


# Daily New Cases in China

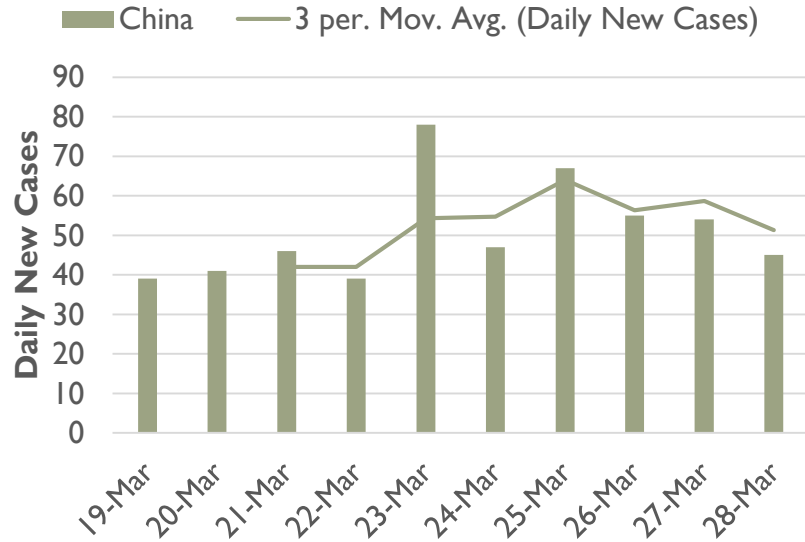


# 3. China

## Active Cases in China



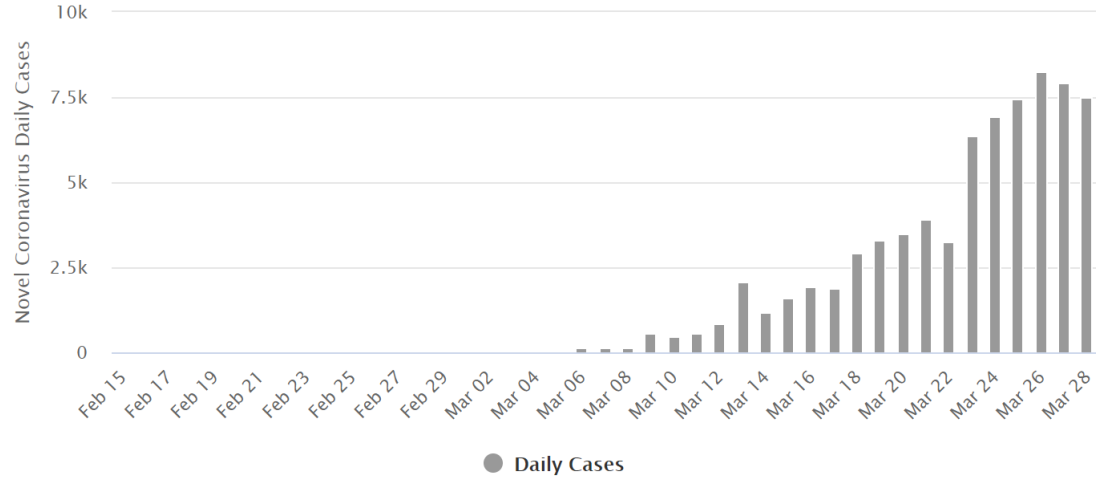
## 3-Day Moving Average Trendline



# Daily New Cases in Spain

## Daily New Cases

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

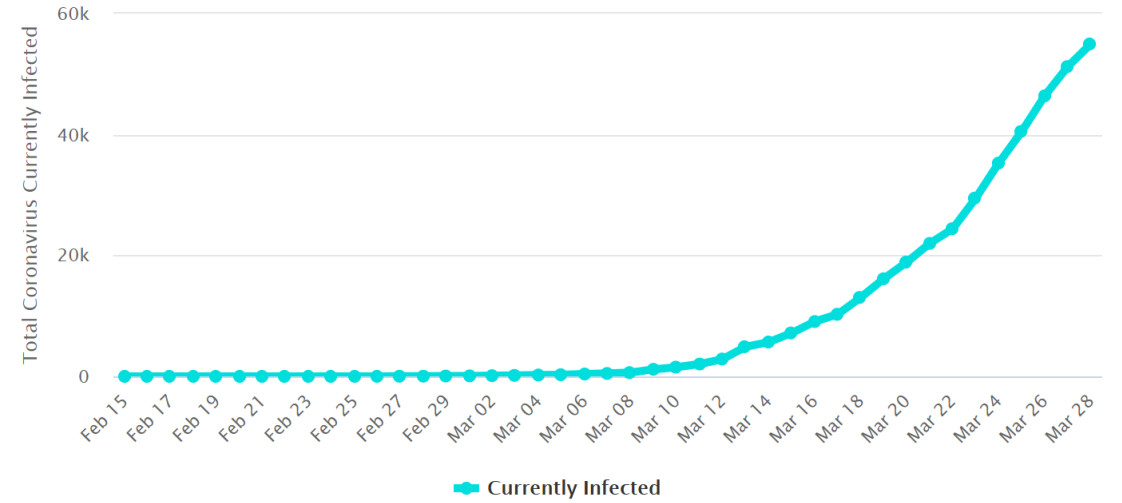


# 4. Spain

## Active Cases in Spain

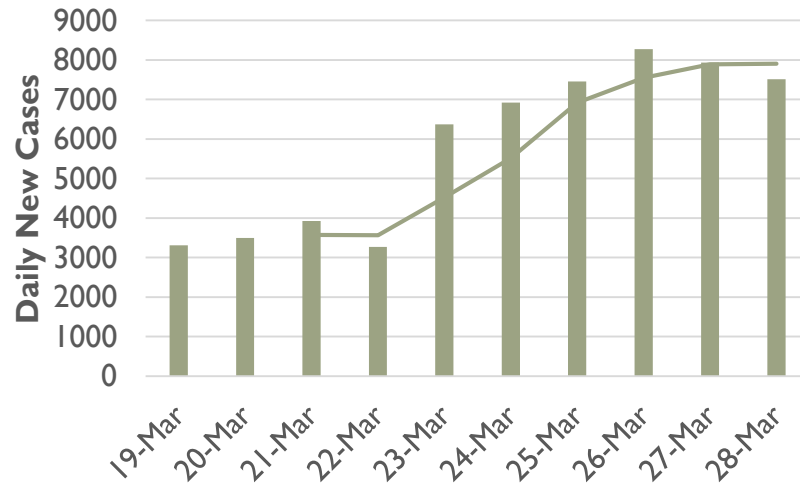
### Active Cases

(Number of Infected People)



## 3-Day Moving Average Trendline

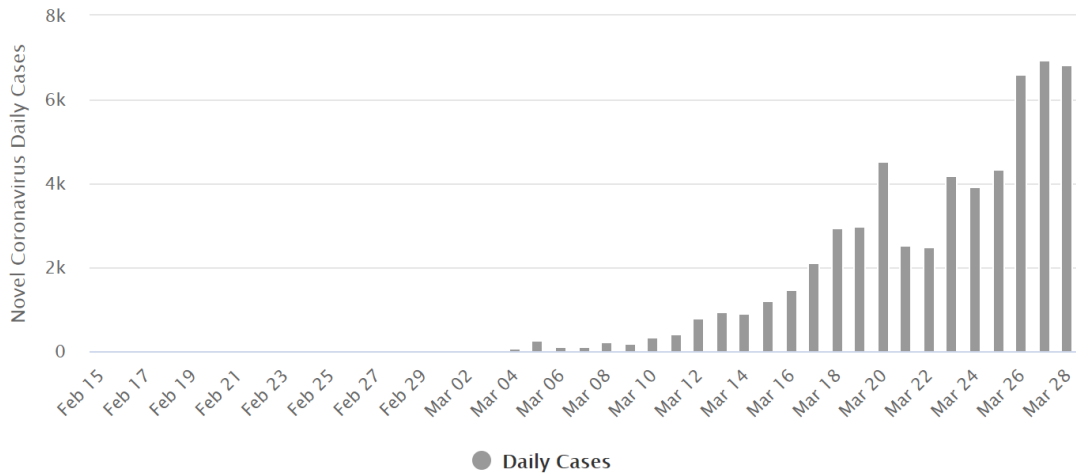
Spain 3 per. Mov. Avg. (Daily New Cases)



# Daily New Cases in Germany

## Daily New Cases

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

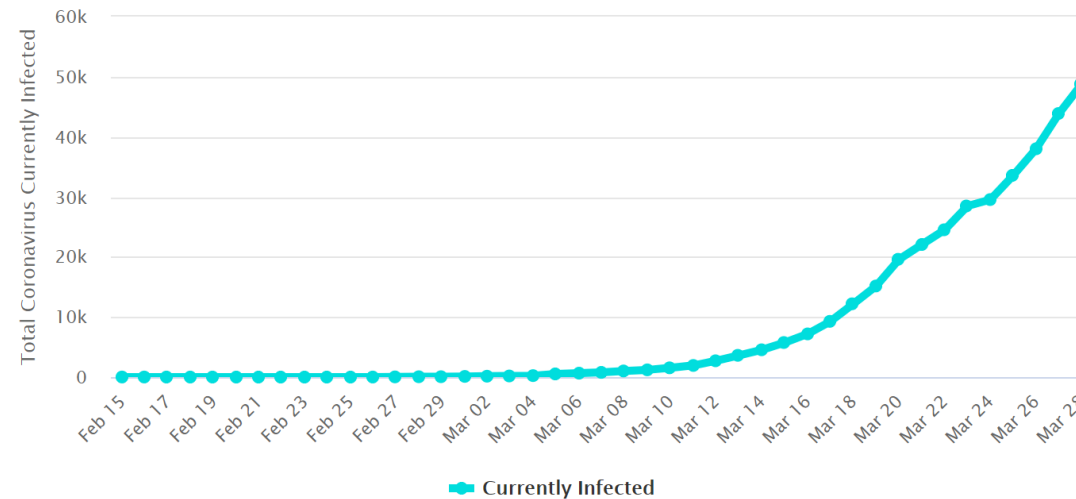


# 5. Germany

## Active Cases in Germany

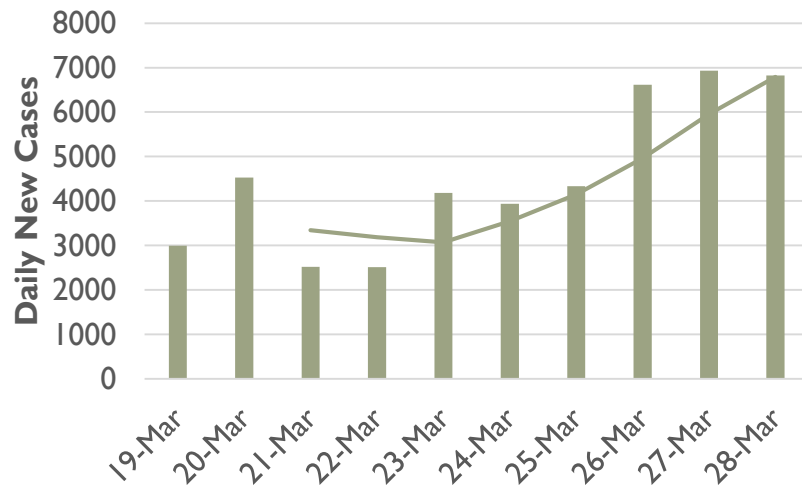
### Active Cases

(Number of Infected People)



## 3-Day Moving Average Trendline

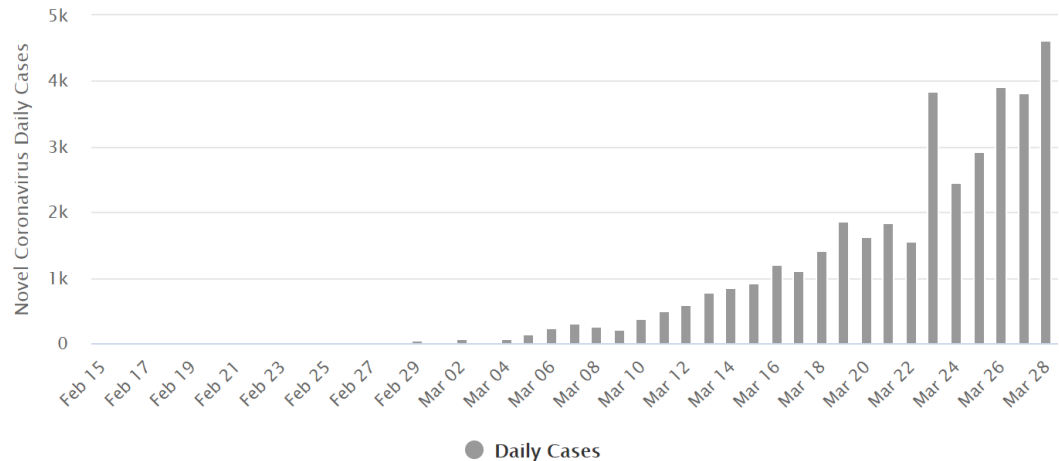
Germany 3 per. Mov. Avg. (Daily New Cases)



# Daily New Cases in France

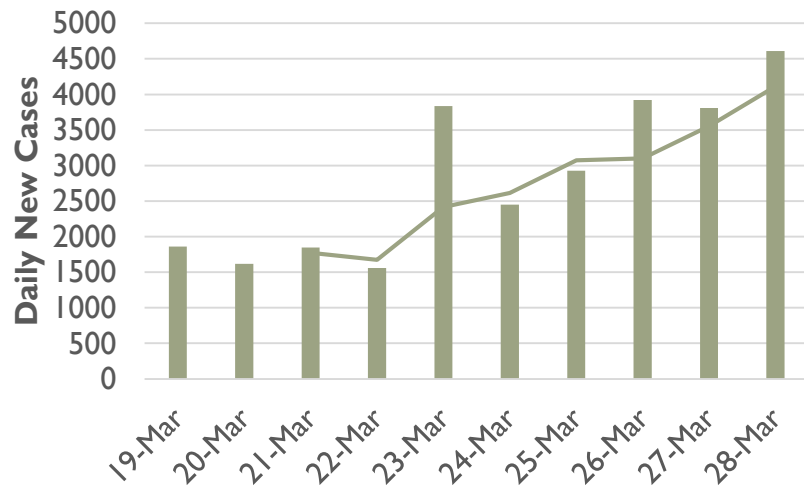
### Daily New Cases

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



### 3-Day Moving Average Trendline

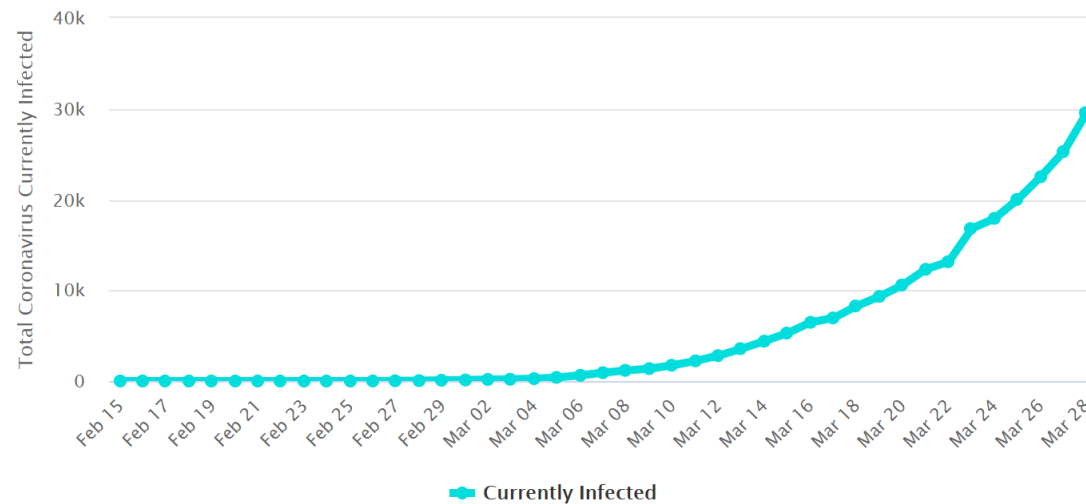
France 3 per. Mov. Avg. (Daily New Cases)



# 6. France

### Active Cases in France

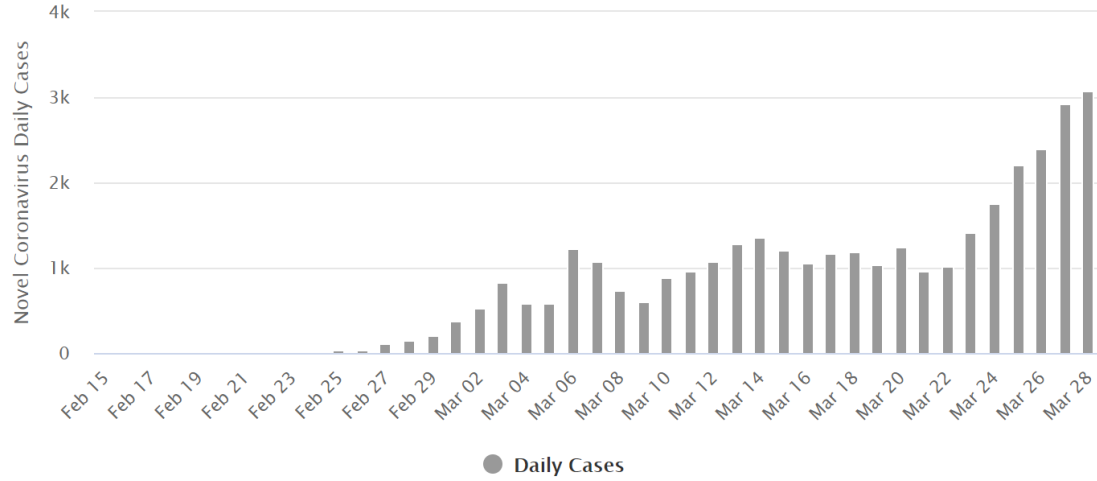
Active Cases  
(Number of Infected People)



# Daily New Cases in Iran

## Daily New Cases

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

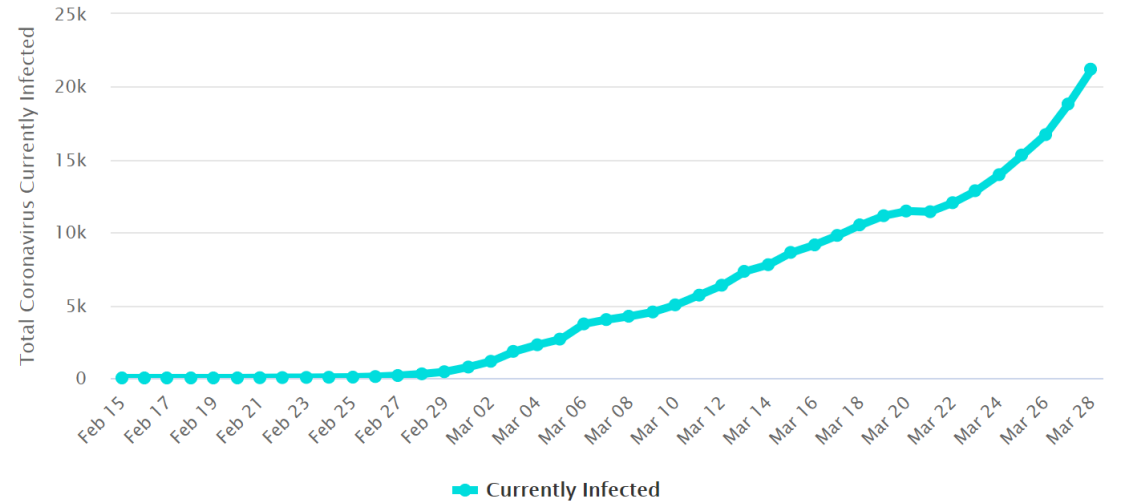


# 7. Iran

## Active Cases in Iran

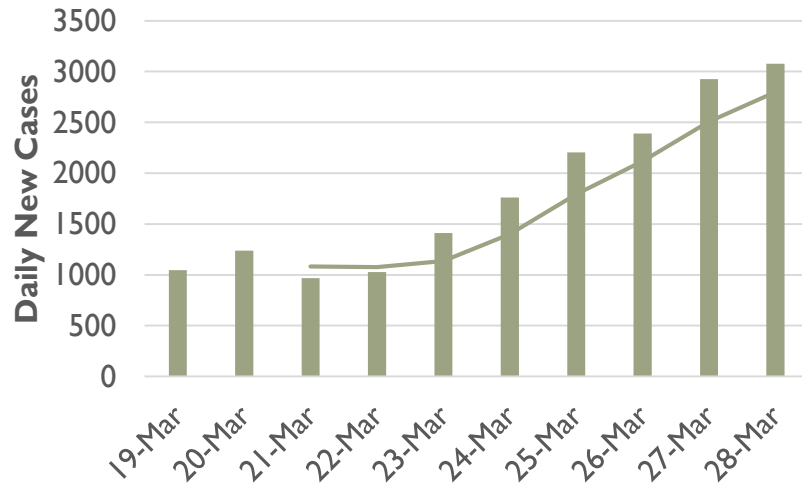
### Active Cases

(Number of Infected People)



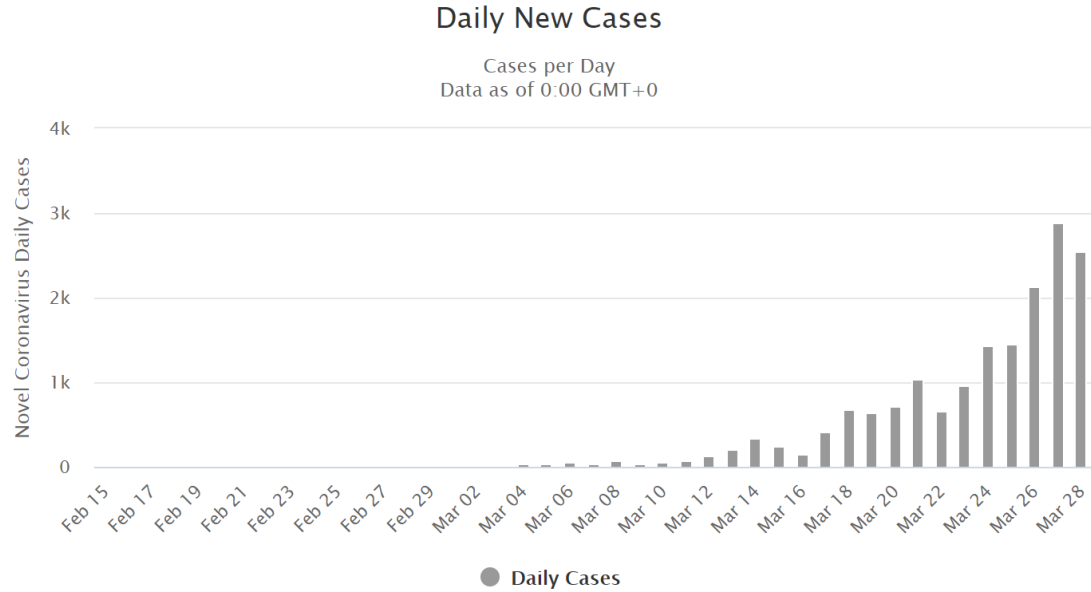
## 3-Day Moving Average Trendline

Iran 3 per. Mov. Avg. (Daily New Cases)



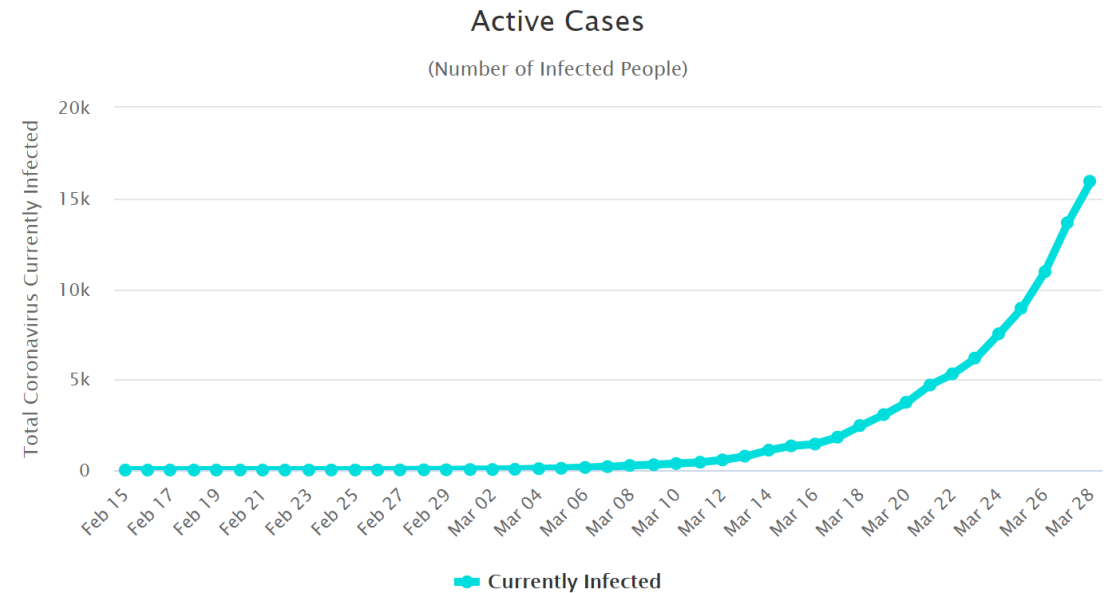


# Daily New Cases in the United Kingdom

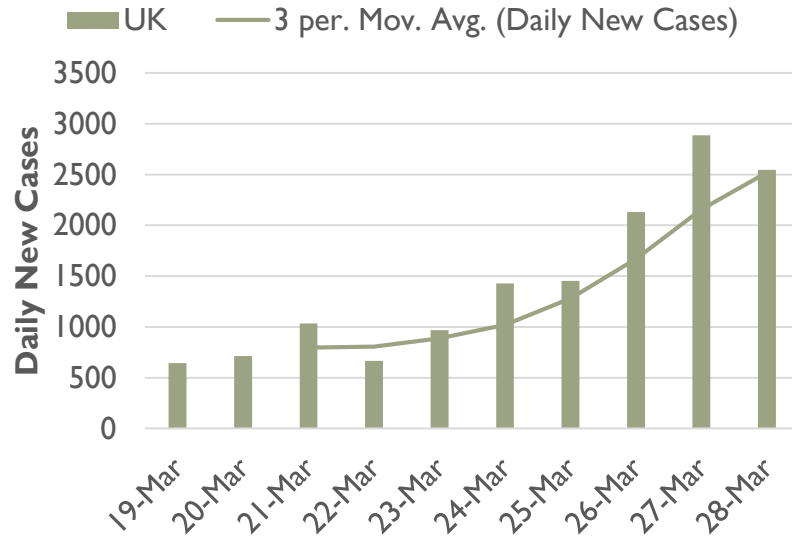


# 8. UK

# Active Cases in the United Kingdom



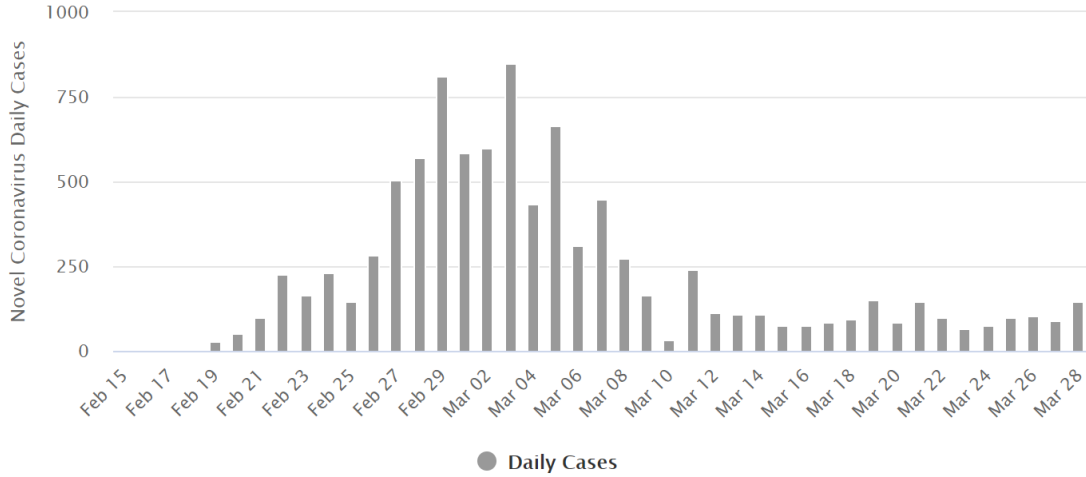
### 3-Day Moving Average Trendline



# Daily New Cases in South Korea

## Daily New Cases

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

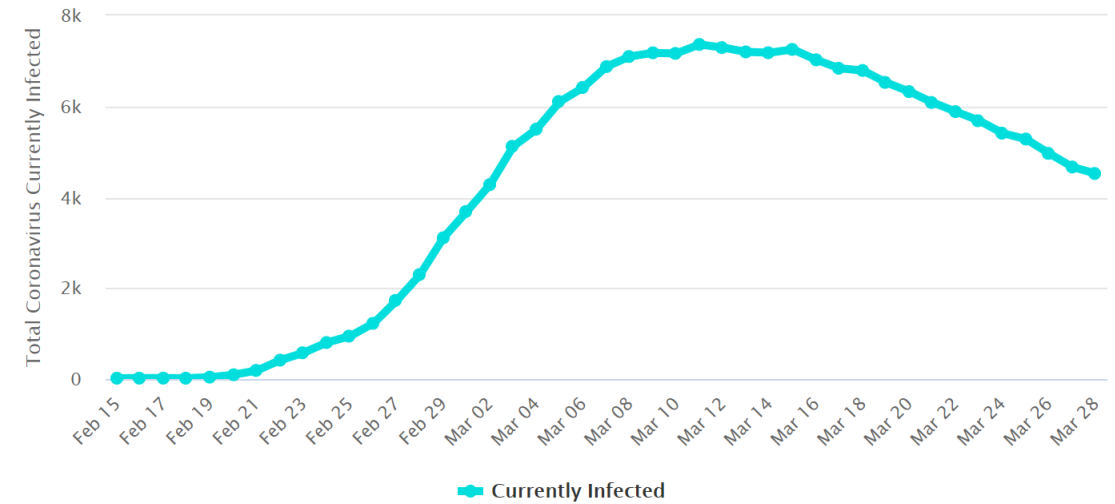


# South Korea

## Active Cases in South Korea

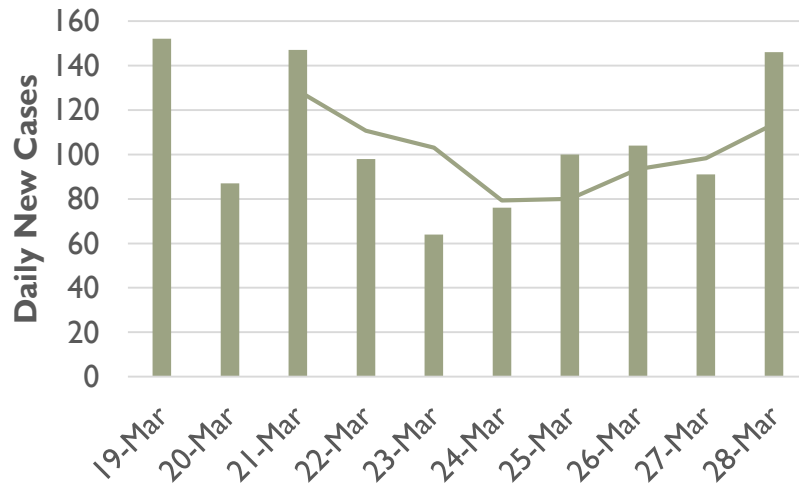
### Active Cases

(Number of Infected People)

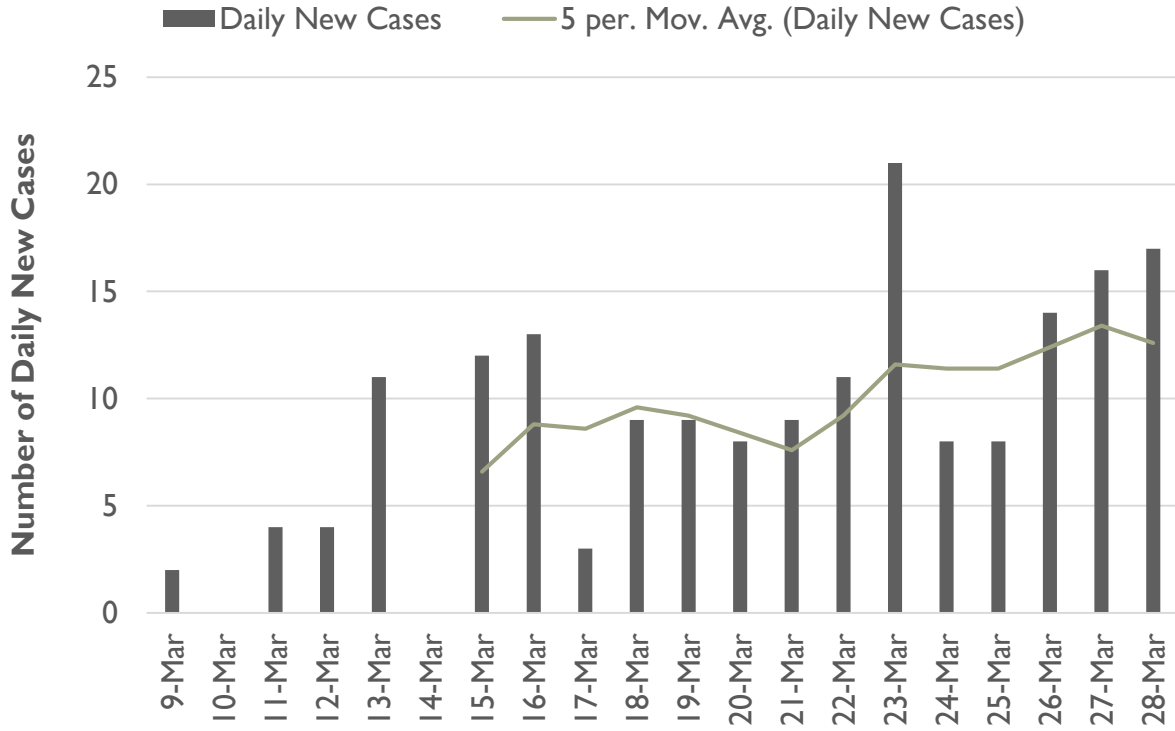


## 3-Day Moving Average Trendline

S Korea 3 per. Mov. Avg. (Daily New Cases)



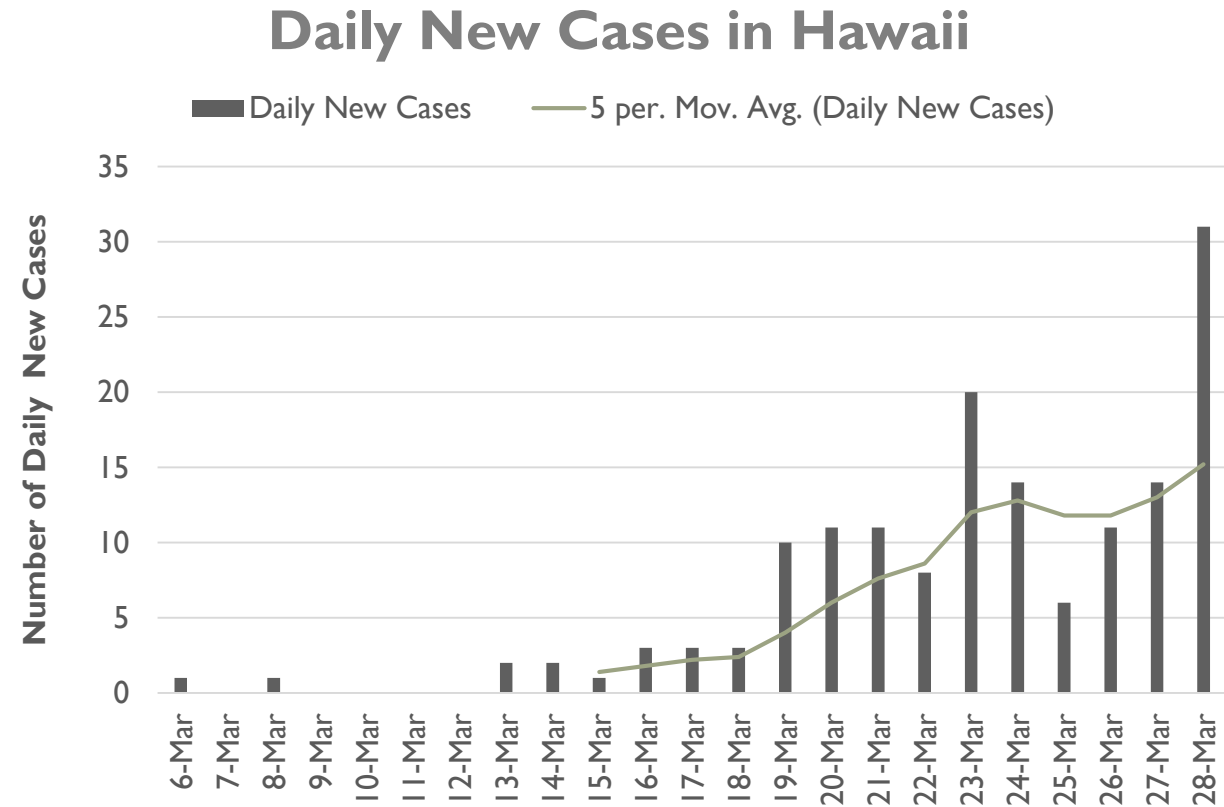
# Daily New Cases in Cyprus



# Cyprus

Correlation,  $r$  (Between Cyprus and Hawaii) = 0.681  
 $r$  is significant at  $\alpha = 5\%$

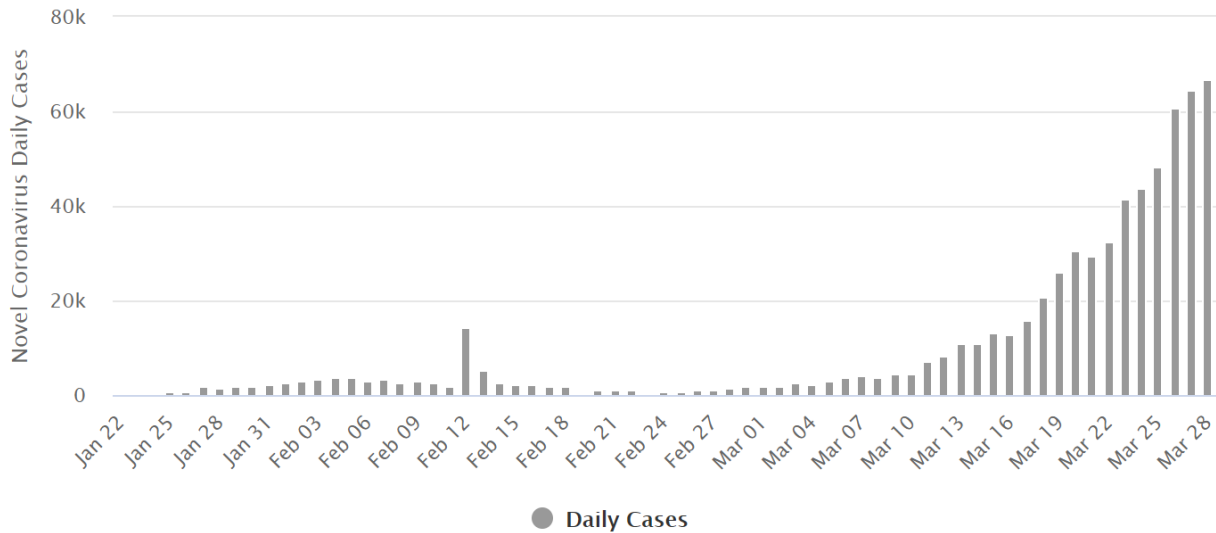
# Hawaii



# Worldwide

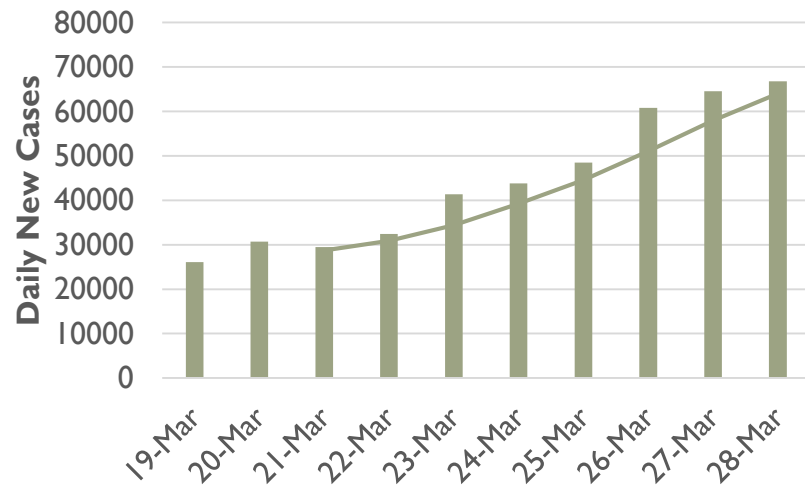
## Daily New Cases

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



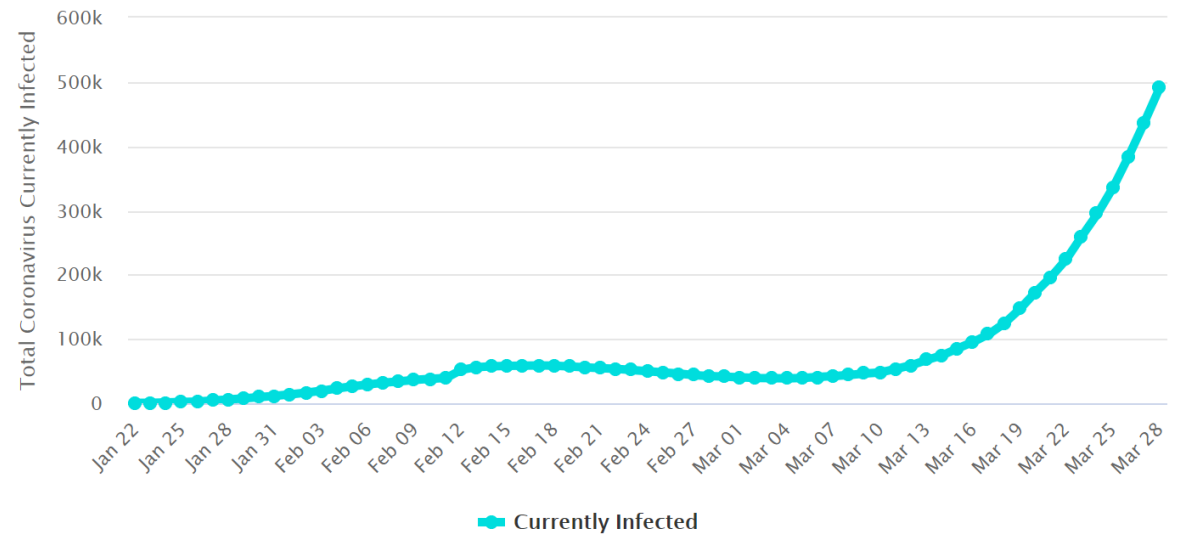
## 3-Day Moving Average Trendline

Worldwide 3 per. Mov. Avg. (Daily New Cases)



## Active Cases

(Number of Infected People)



# Table I

## GROWTH IN NEW CASES SINCE THE DAY BEFORE

## AVERAGE GROWTH OF LAST FIVE DAYS

	3/19/2020	3/20/2020	3/21/2020	3/22/2020	3/23/2020	3/24/2020	3/25/2020	3/26/2020	3/27/2020	3/28/2020	3/23-27/2020	3/24-28/2020
USA	1.591	1.235	0.862	1.936	1.089	1.091	1.204	1.290	1.085	1.041	1.152	1.142
Italy	1.265	1.125	1.095	0.848	0.861	1.096	0.993	1.191	0.953	1.011	1.019	1.049
China	1.15	1.051	1.122	0.848	2.000	0.603	1.426	0.821	0.982	0.833	1.166	0.933
Spain	1.124	1.056	1.123	0.834	1.946	1.087	1.077	1.109	0.959	0.947	1.236	1.036
Germany	1.011	1.513	0.556	0.997	1.667	0.941	1.101	1.527	1.048	0.984	1.257	1.120
France	1.325	0.869	1.142	0.844	2.462	0.638	1.196	1.339	0.971	1.211	1.321	1.071
Iran	0.878	1.183	0.781	1.064	1.373	1.249	1.252	1.083	1.225	1.051	1.236	1.172
UK	0.951	1.110	1.450	0.643	1.454	1.476	1.018	1.466	1.355	0.882	1.354	1.239
S Korea	1.634	0.572	1.690	0.667	0.653	1.188	1.316	1.040	0.875	1.604	1.014	1.205
Cyprus	1.000	0.889	1.125	1.375	1.909	0.381	1.000	1.750	1.143	1.063	1.237	1.067
Hawaii	3.333	1.100	1.000	0.727	2.500	0.700	0.429	1.833	1.273	2.214	1.347	1.290
Worldwide	1.271	1.174	0.960	1.102	1.275	1.058	1.107	1.254	1.061	1.035	1.151	1.103

**Table 2****RATIO OF THE AVERAGE NEW CASES OF RECENT THREE DAYS TO  
MAX DAILY PEAK**

	3/22/2020	3/23/2020	3/24/2020	3/25/2020	3/26/2020	3/27/2020	3/28/2020
USA	0.701	0.796	0.921	0.865	0.806	0.879	0.949
Italy	0.920	0.859	0.793	0.775	0.847	0.881	0.919
China	0.003	0.004	0.004	0.005	0.004	0.004	0.004
Spain	0.908	0.710	0.798	0.927	0.913	0.954	0.956
Germany	0.703	0.678	0.782	0.917	0.750	0.860	0.979
France	0.900	0.629	0.681	0.800	0.790	0.906	0.892
Iran	0.789	0.804	0.795	0.813	0.887	0.857	0.909
UK	0.777	0.859	0.715	0.883	0.784	0.747	0.873
S Korea	0.130	0.121	0.093	0.094	0.110	0.116	0.134
Cyprus	0.718	0.651	0.635	0.587	0.476	0.603	0.746
Hawaii	0.909	0.650	0.700	0.667	0.517	0.517	0.602
Worldwide	0.950	0.832	0.896	0.919	0.839	0.898	0.959