

# COVID-19 CASES

AS OF SUNDAY 3/29/2020, 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

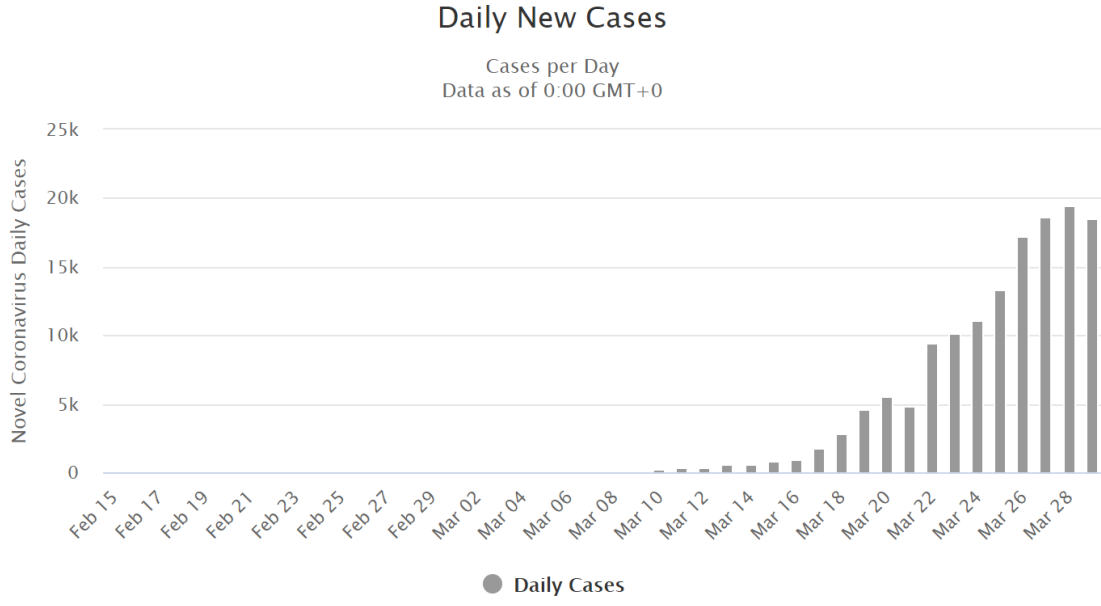
Source: <https://www.worldometers.info/coronavirus/>

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

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

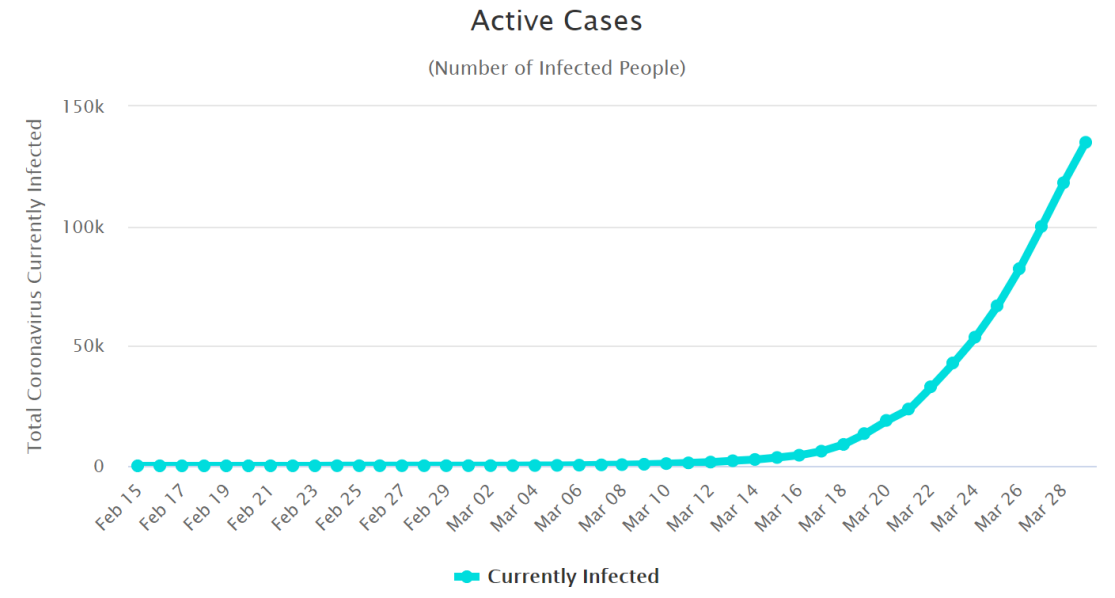
Source: <https://health.hawaii.gov/news/covid-19-updates/>

# Daily New Cases in the United States

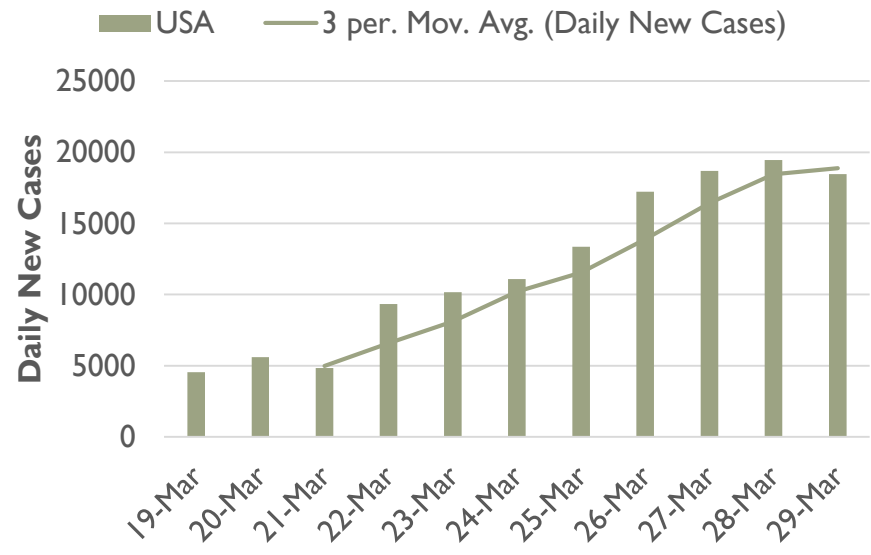


# I. USA

# Active Cases in the United States



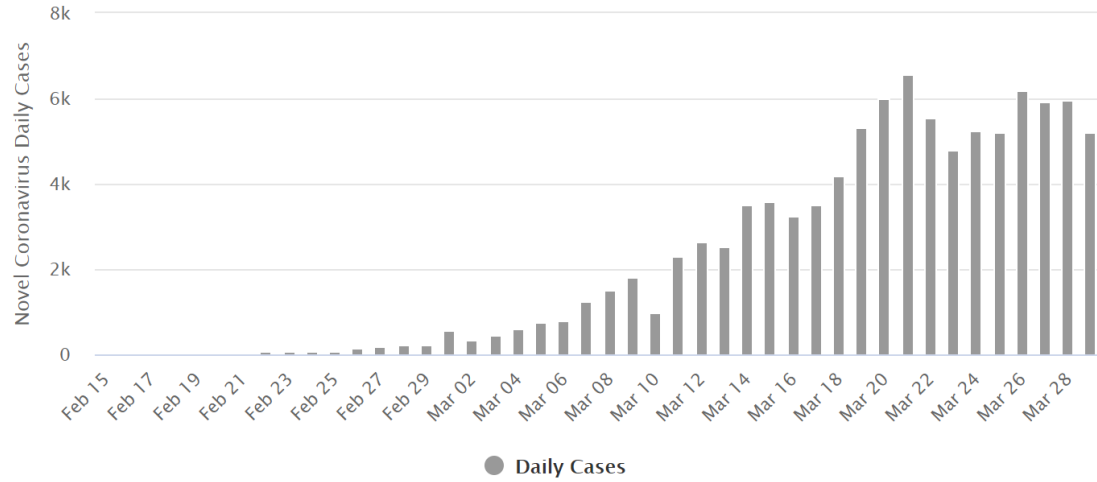
### 3-Day Moving Average Trendline



## Daily New Cases in Italy

### Daily New Cases

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

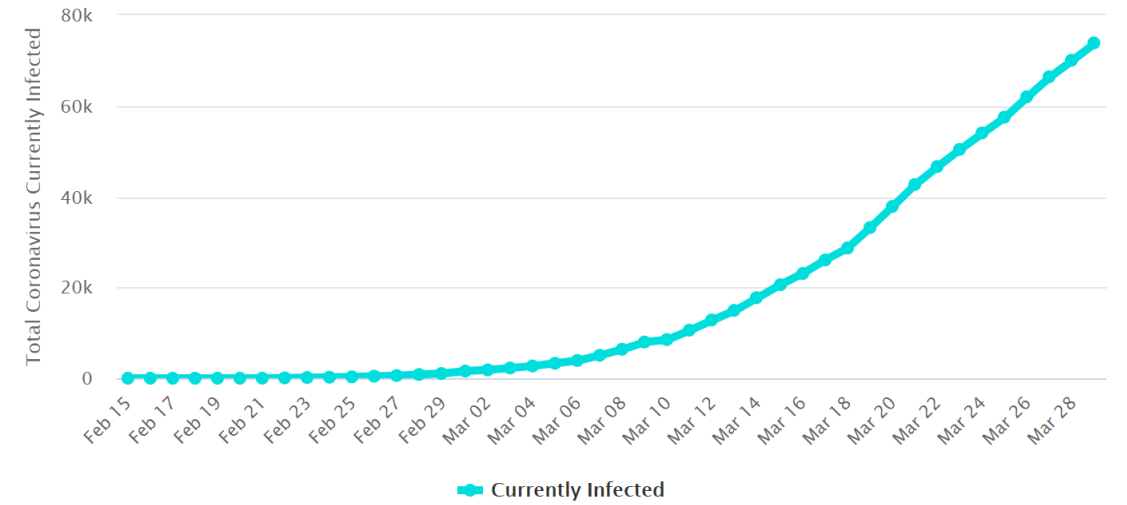


# 2. Italy

## Active Cases in Italy

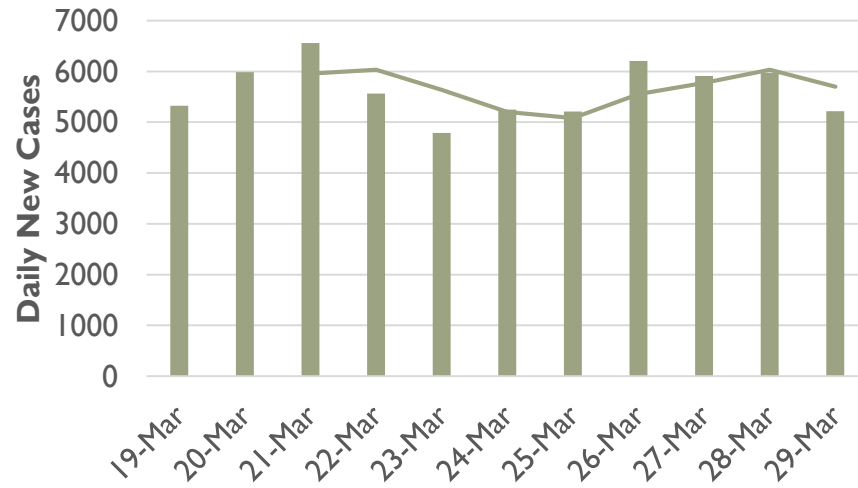
### Active Cases

(Number of Infected People)

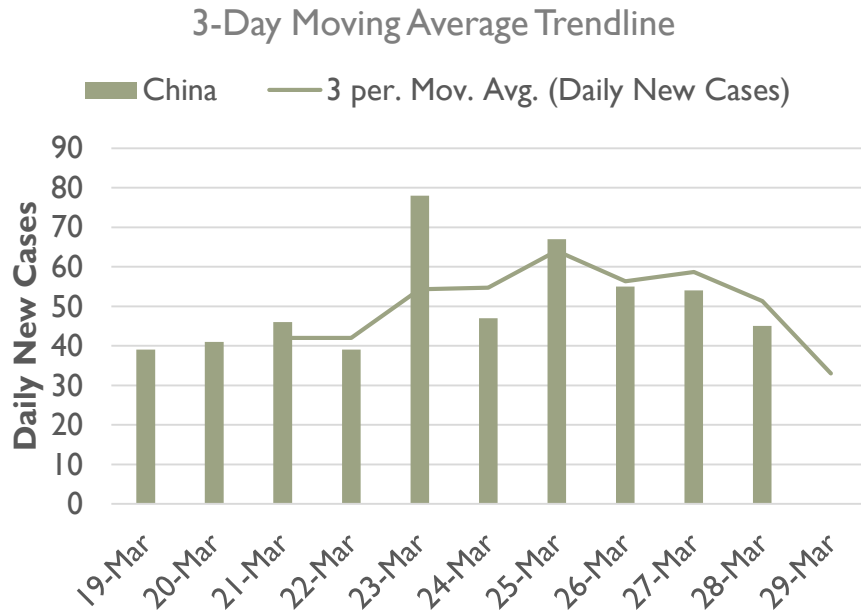
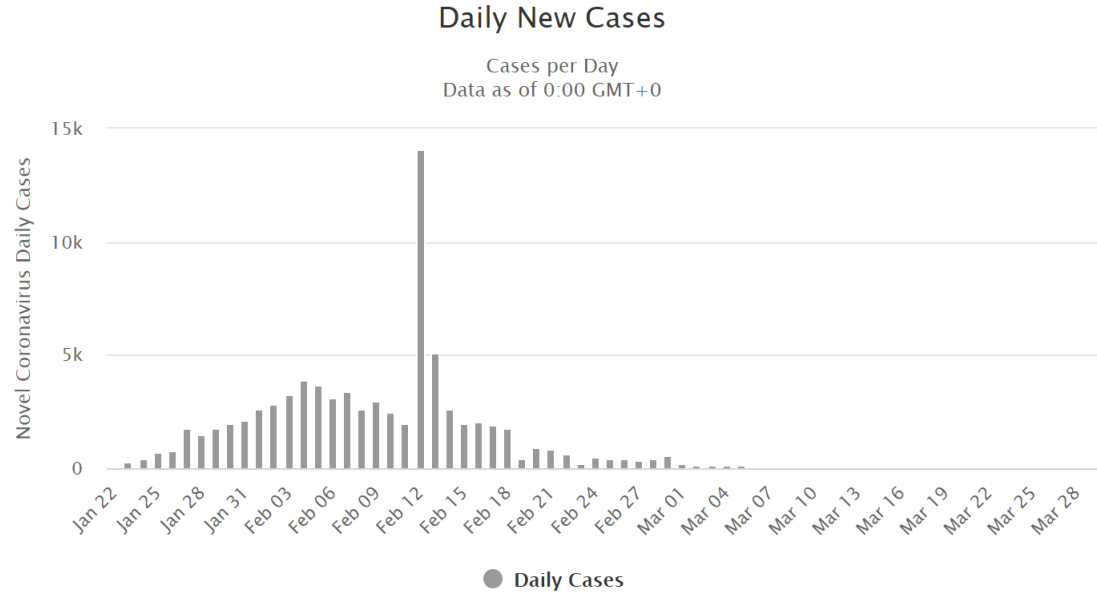


### 3-Day Moving Average Trendline

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

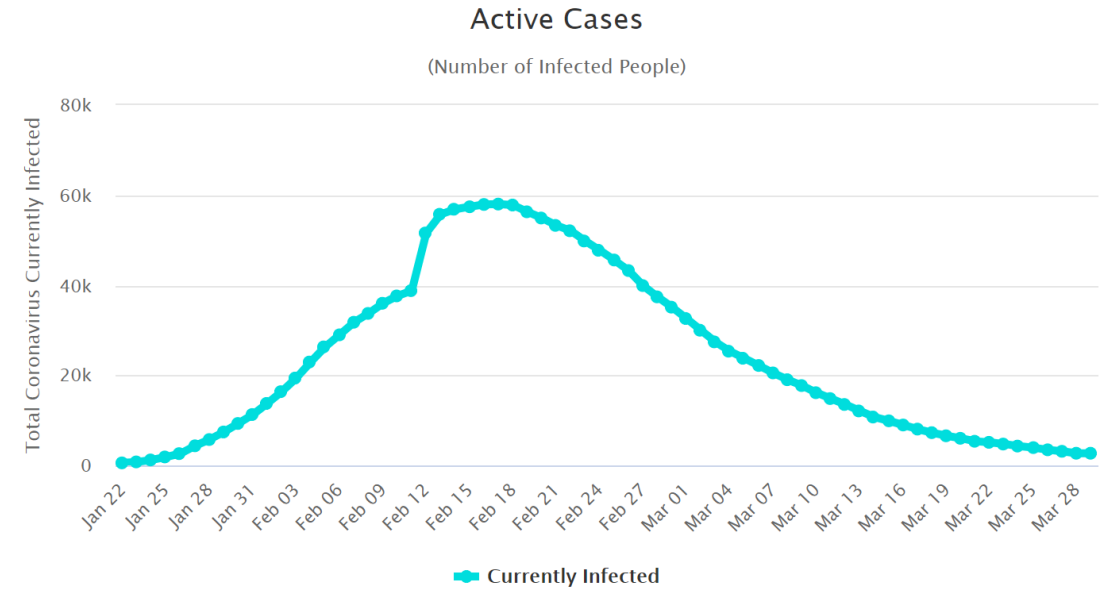


# Daily New Cases in China



# 3. China

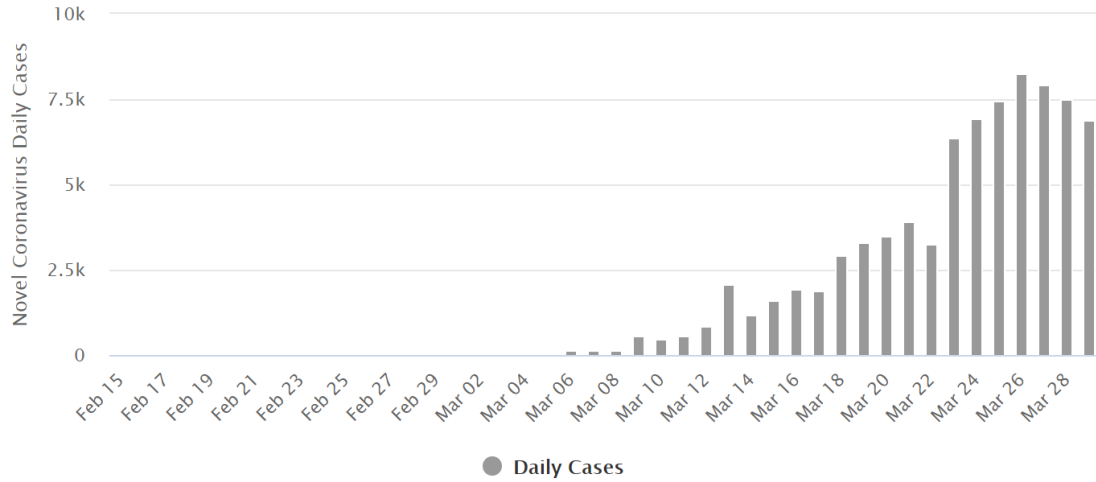
## Active Cases in China



# Daily New Cases in Spain

## Daily New Cases

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

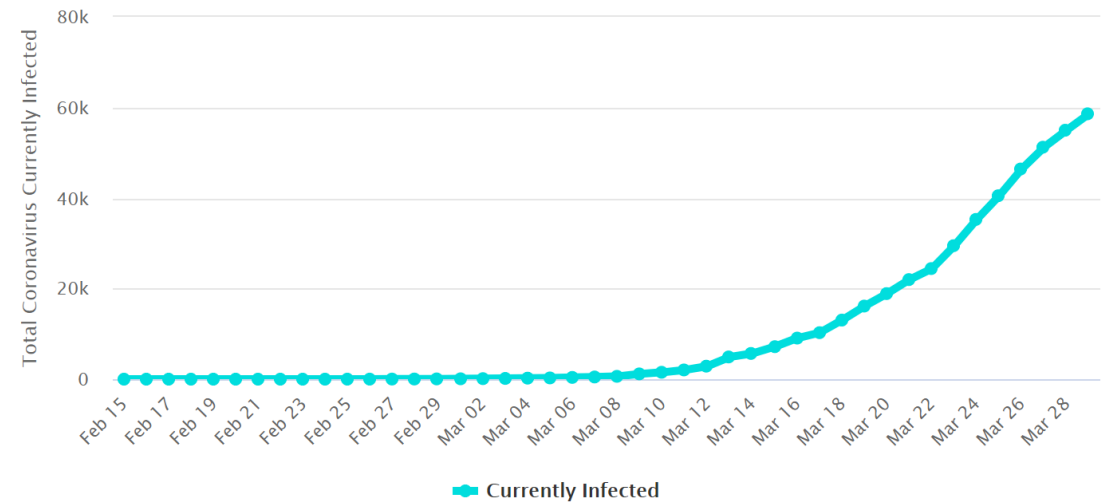


# 4. Spain

## Active Cases in Spain

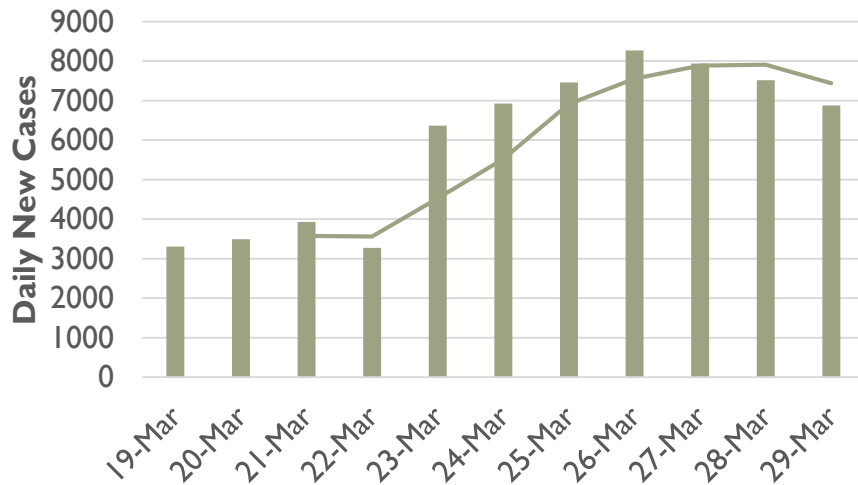
### Active Cases

(Number of Infected People)



## 3-Day Moving Average Trendline

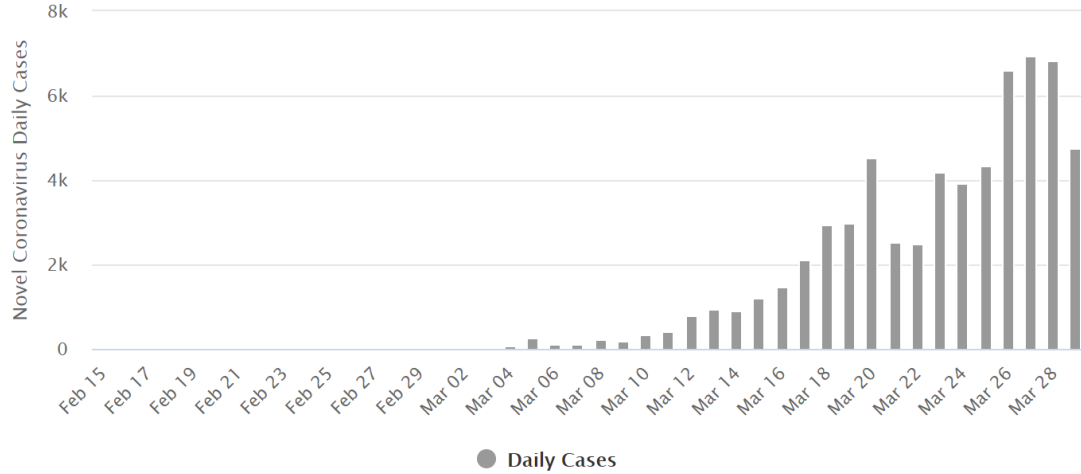
Spain 3 per. Mov. Avg. (Daily New Cases)



# Daily New Cases in Germany

### Daily New Cases

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

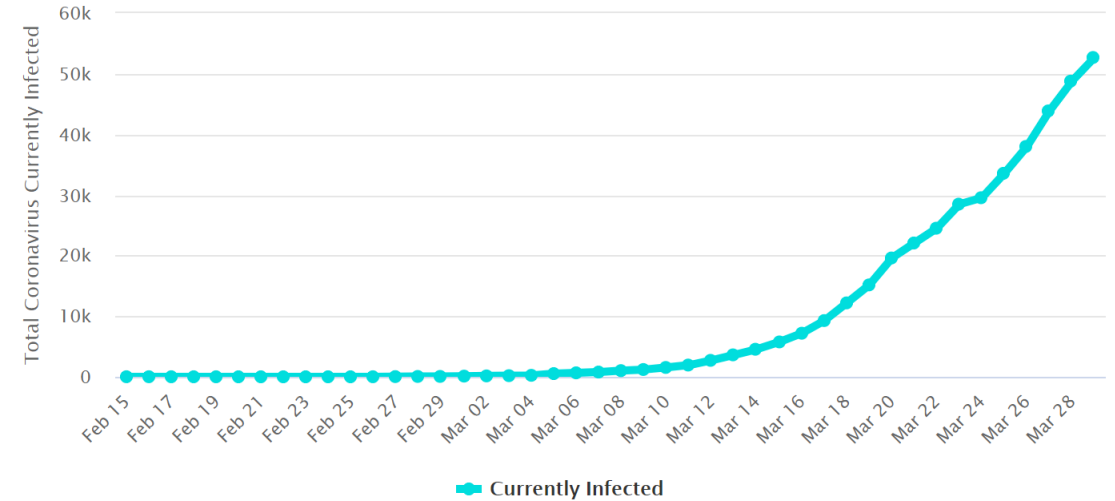


# 5. Germany

## Active Cases in Germany

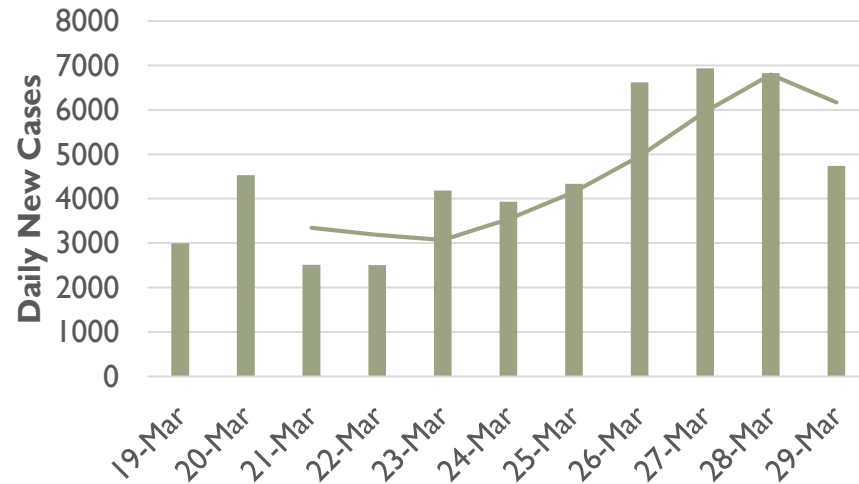
### Active Cases

(Number of Infected People)



### 3-Day Moving Average Trendline

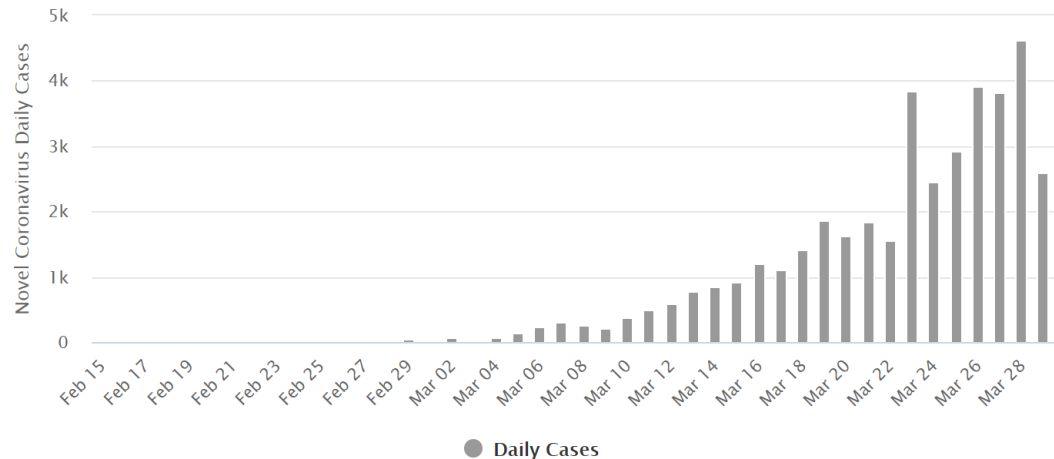
Germany 3 per. Mov. Avg. (Daily New Cases)



# Daily New Cases in France

### Daily New Cases

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

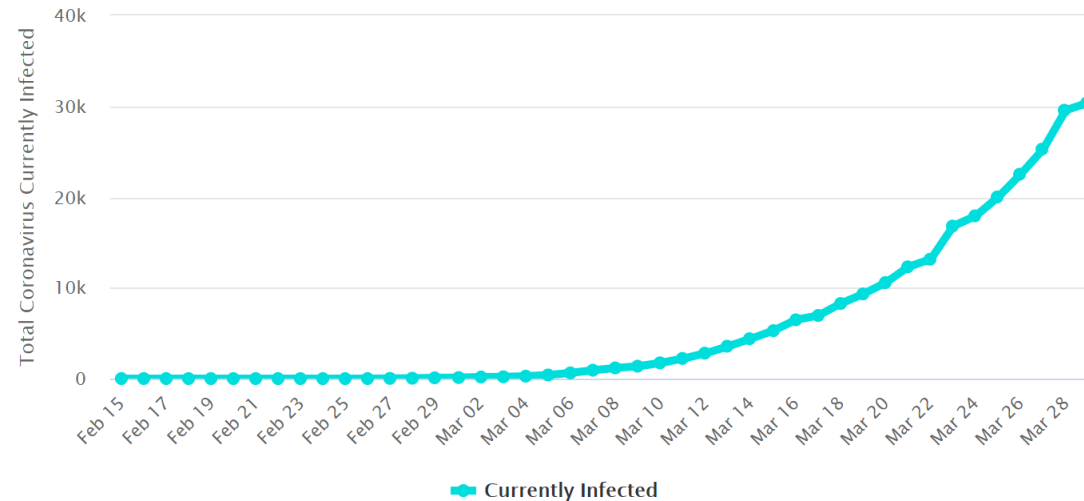


# 6. France

## Active Cases in France

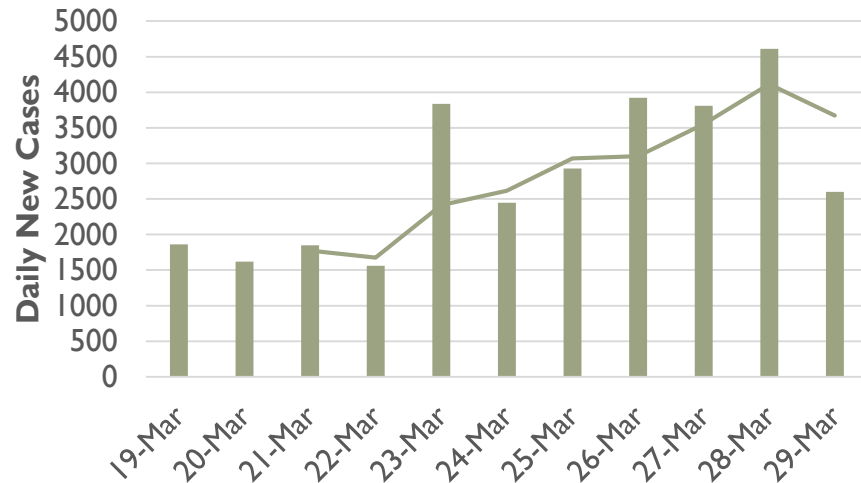
### Active Cases

(Number of Infected People)



## 3-Day Moving Average Trendline

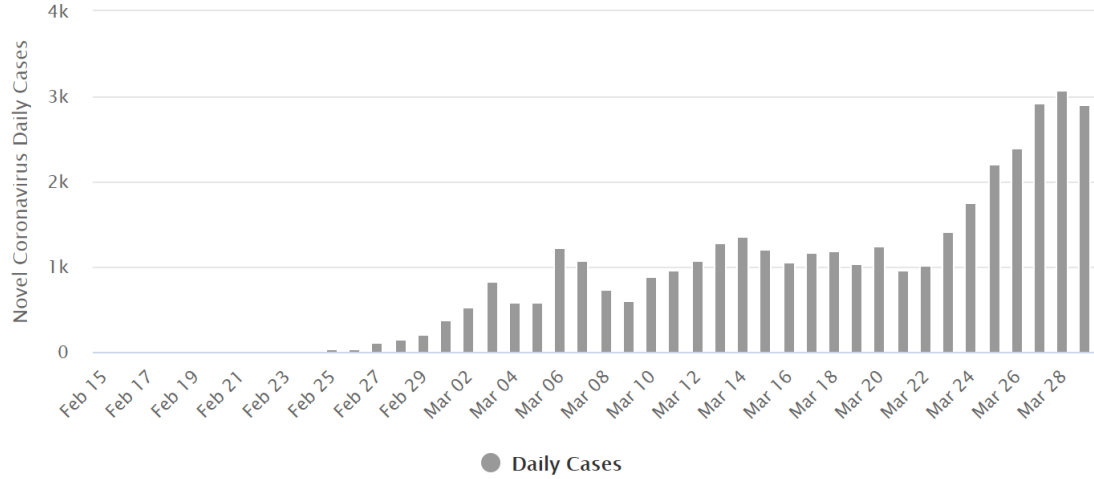
France 3 per. Mov. Avg. (Daily New Cases)



# Daily New Cases in Iran

## Daily New Cases

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

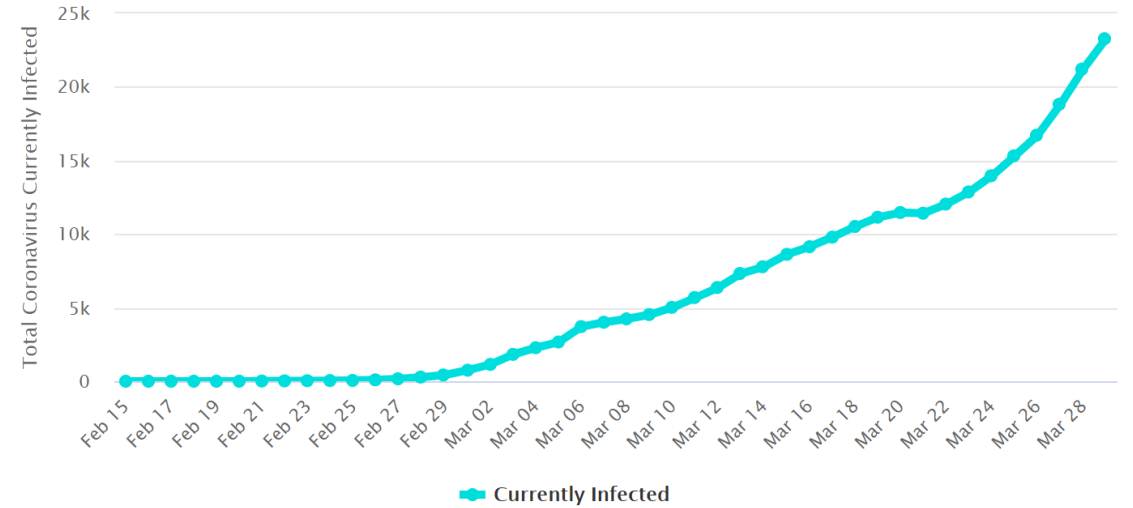


# 7. Iran

## Active Cases in Iran

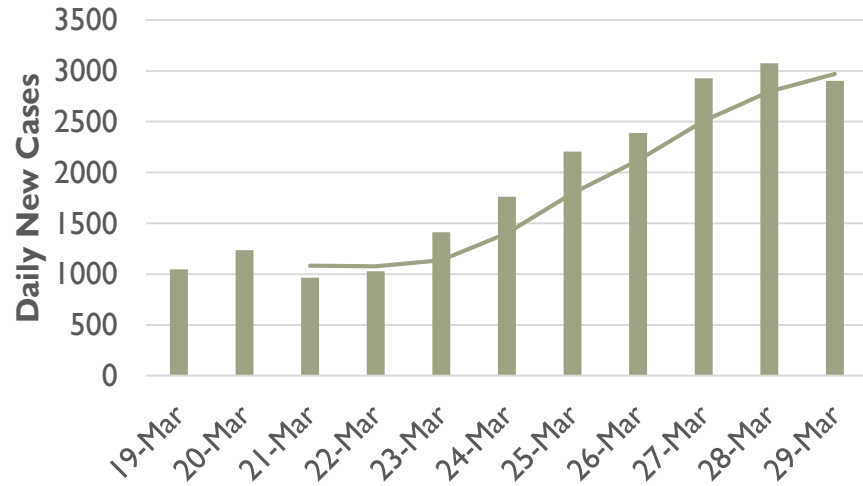
### Active Cases

(Number of Infected People)



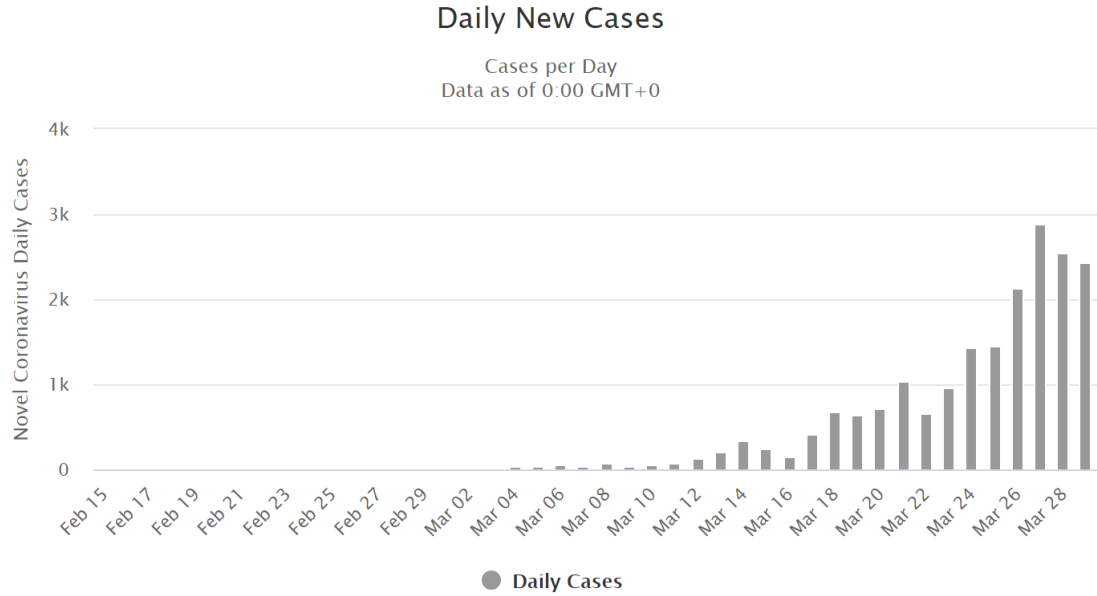
## 3-Day Moving Average Trendline

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

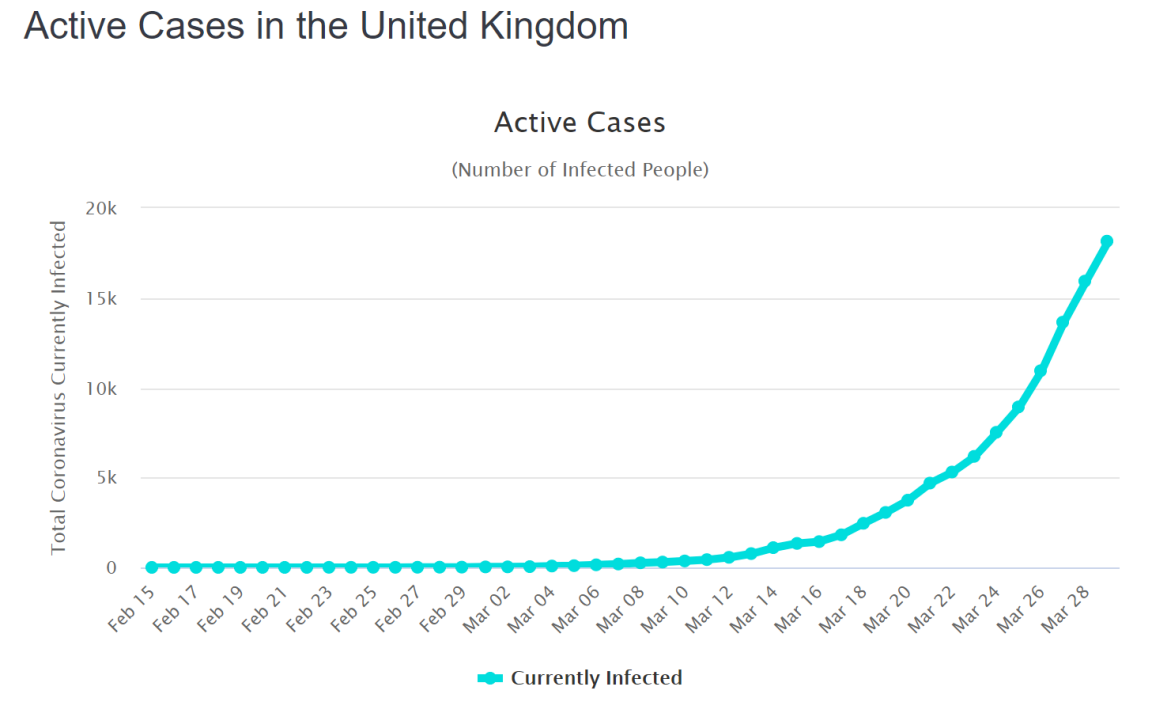
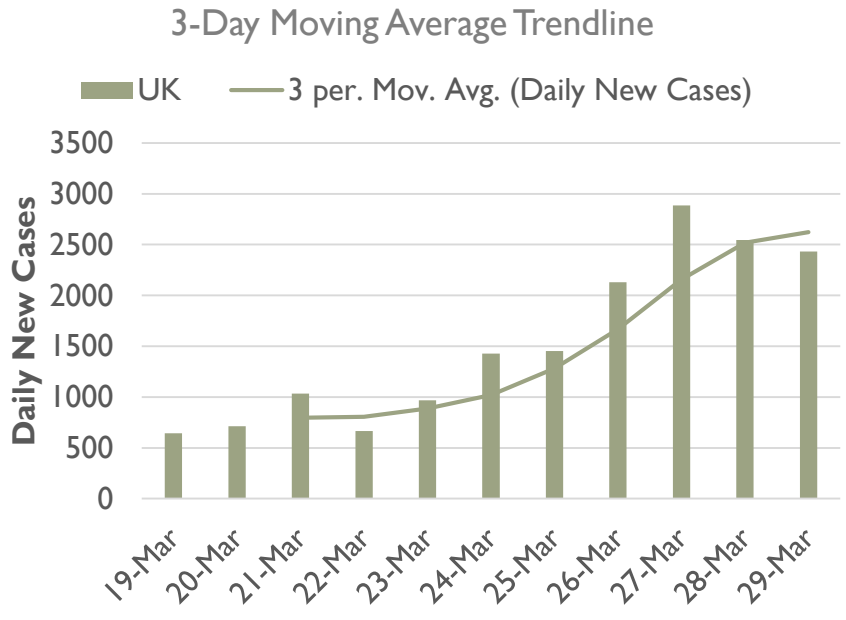




# Daily New Cases in the United Kingdom



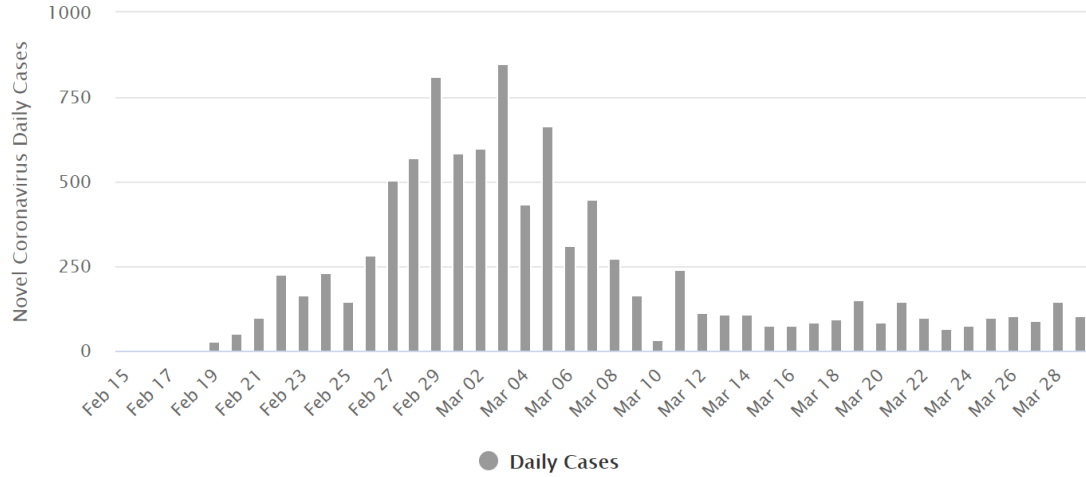
# 8. UK



# Daily New Cases in South Korea

## Daily New Cases

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

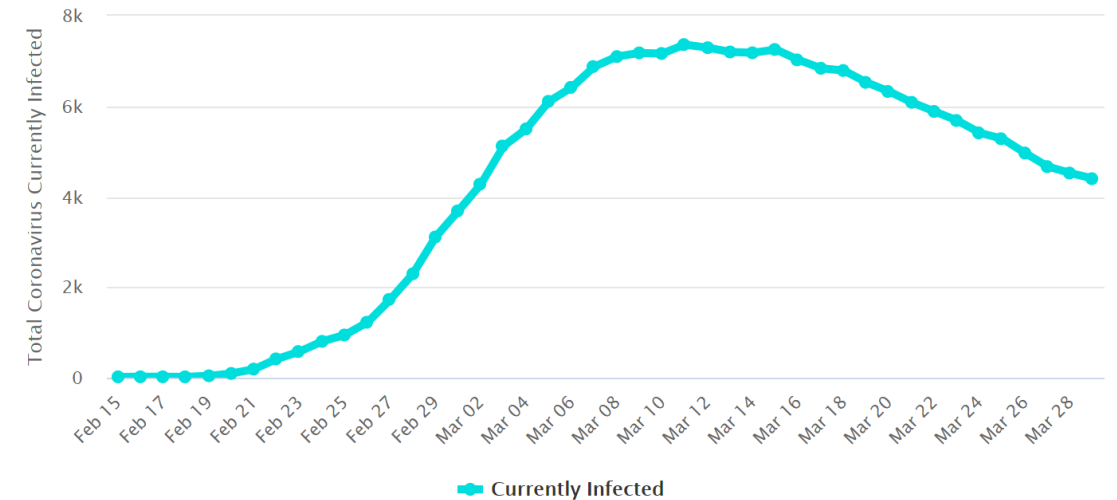


# South Korea

## Active Cases in South Korea

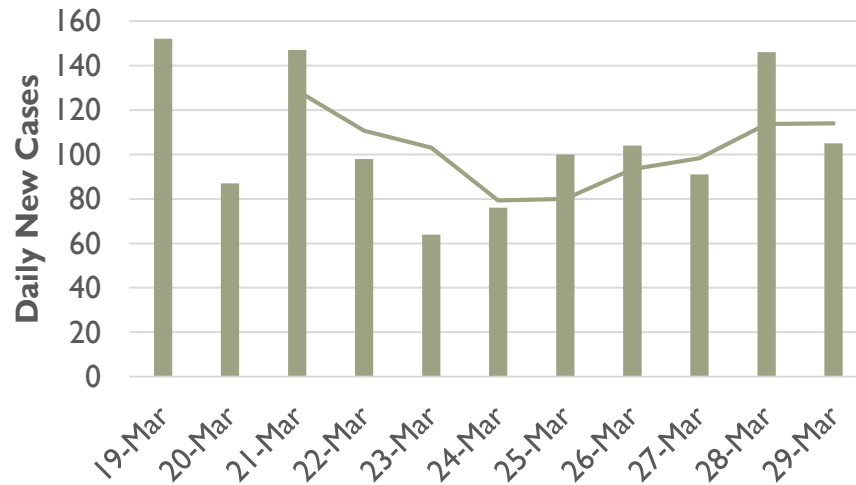
### Active Cases

(Number of Infected People)

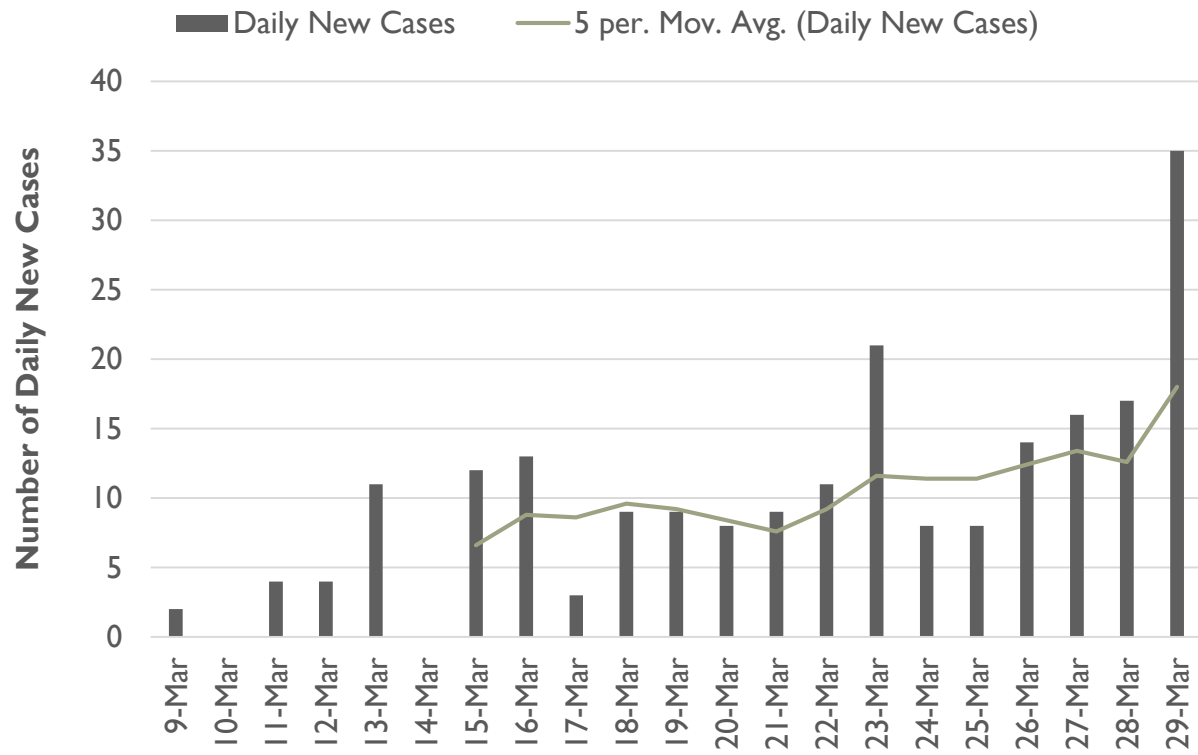


## 3-Day Moving Average Trendline

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



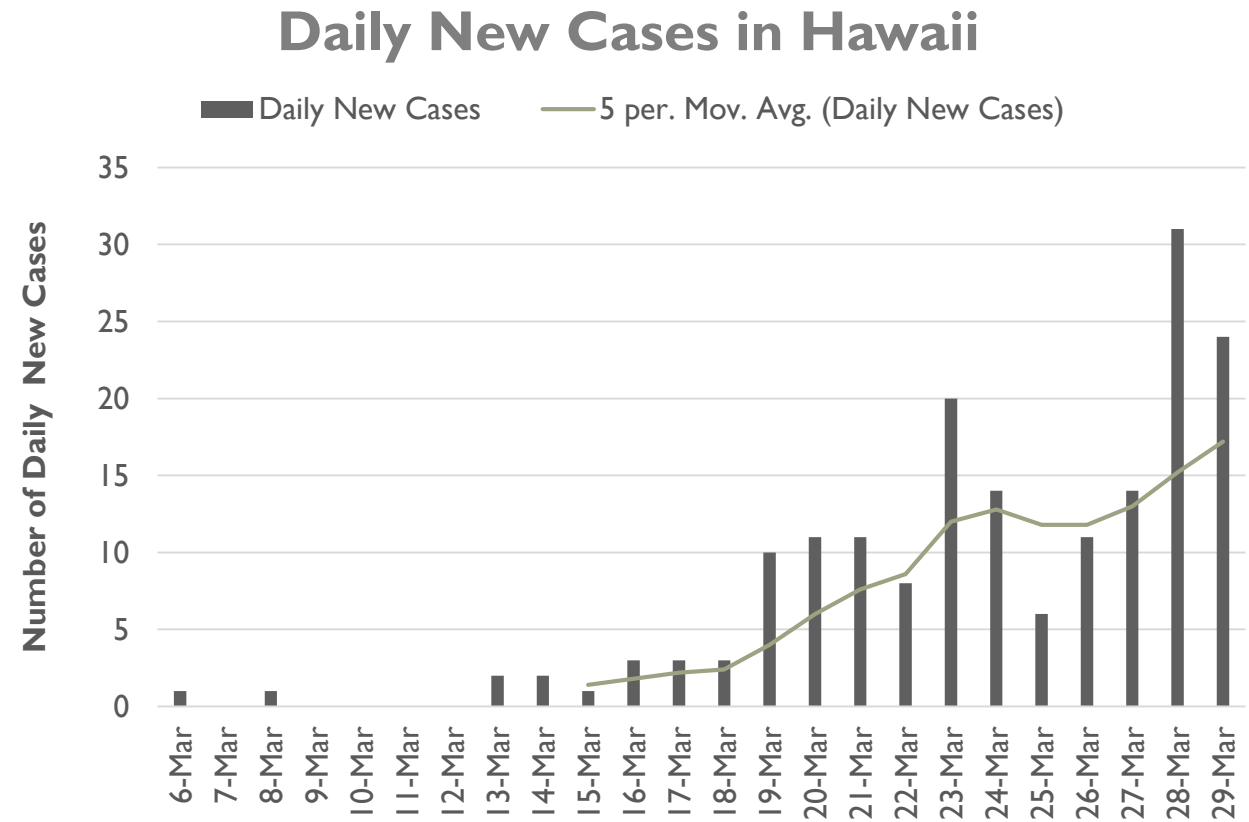
# Daily New Cases in Cyprus



# Cyprus

Correlation,  $r$  (Between Cyprus and Hawaii) = 0.684  
 $r$  is significant at  $\alpha = 5\%$

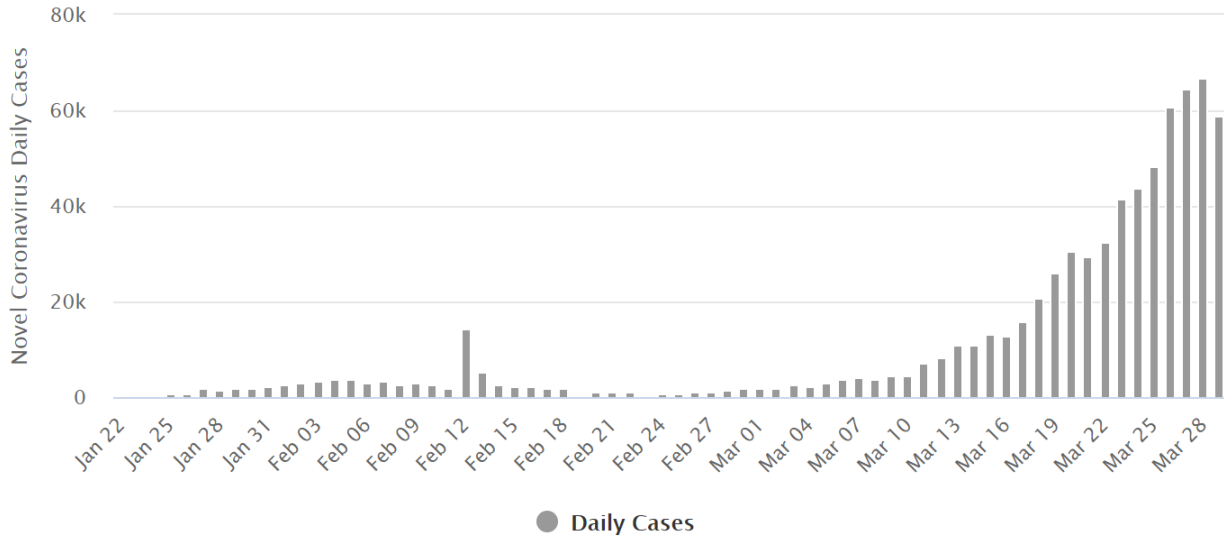
# Hawaii



# Worldwide

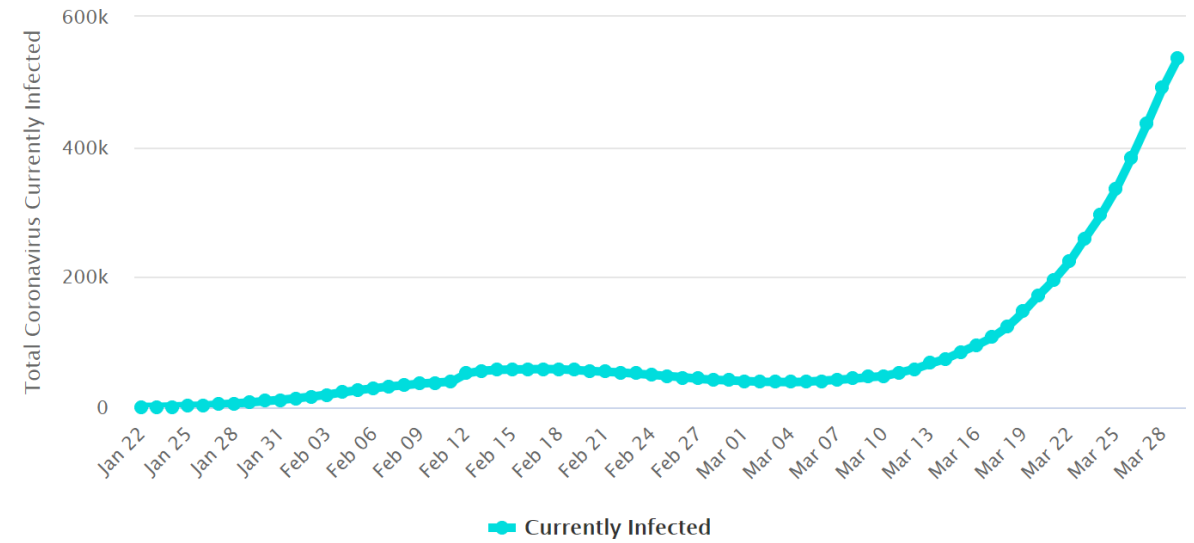
## Daily New Cases

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



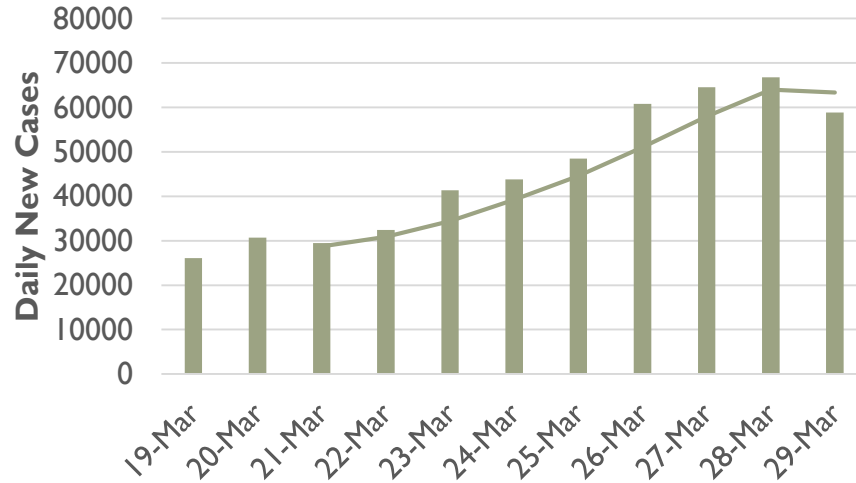
## Active Cases

(Number of Infected People)



## 3-Day Moving Average Trendline

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



# Table I

GROWTH IN NEW CASES SINCE THE DAY BEFORE												AVERAGE GROWTH OF LAST FIVE DAYS		
	3/19/20	3/20/20	3/21/20	3/22/20	3/23/20	3/24/20	3/25/20	3/26/20	3/27/20	3/28/20	3/29/20	3/23-27	3/24-28	3/25-29
USA	1.591	1.235	0.862	1.936	1.089	1.091	1.204	1.290	1.085	1.041	0.949	1.152	1.142	1.114
Italy	1.265	1.125	1.095	0.848	0.861	1.096	0.993	1.191	0.953	1.011	0.873	1.019	1.049	1.004
China	1.15	1.051	1.122	0.848	2.000	0.603	1.426	0.821	0.982	0.833	0.000	1.166	0.933	0.812
Spain	1.124	1.056	1.123	0.834	1.946	1.087	1.077	1.109	0.959	0.947	0.915	1.236	1.036	1.002
Germany	1.011	1.513	0.556	0.997	1.667	0.941	1.101	1.527	1.048	0.984	0.695	1.257	1.120	1.071
France	1.325	0.869	1.142	0.844	2.462	0.638	1.196	1.339	0.971	1.211	0.564	1.321	1.071	1.056
Iran	0.878	1.183	0.781	1.064	1.373	1.249	1.252	1.083	1.225	1.051	0.943	1.236	1.172	1.111
UK	0.951	1.110	1.450	0.643	1.454	1.476	1.018	1.466	1.355	0.882	0.956	1.354	1.239	1.135
S Korea	1.634	0.572	1.690	0.667	0.653	1.188	1.316	1.040	0.875	1.604	0.719	1.014	1.205	1.111
Cyprus	1.000	0.889	1.125	1.375	1.909	0.381	1.000	1.750	1.143	1.063	2.059	1.237	1.067	1.403
Hawaii	3.333	1.100	1.000	0.727	2.500	0.700	0.429	1.833	1.273	2.214	0.774	1.347	1.290	1.305
Worldwide	1.271	1.174	0.960	1.102	1.275	1.058	1.107	1.254	1.061	1.035	0.881	1.151	1.103	1.068

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

	3/22/20	3/23/20	3/24/20	3/25/20	3/26/20	3/27/20	3/28/20	3/29/2020
USA	0.701	0.796	0.921	0.865	0.806	0.879	0.949	0.970
Italy	0.920	0.859	0.793	0.775	0.847	0.881	0.919	0.869
China	0.003	0.004	0.004	0.005	0.004	0.004	0.004	0.002
Spain	0.908	0.710	0.798	0.927	0.913	0.954	0.956	0.900
Germany	0.703	0.678	0.782	0.917	0.750	0.860	0.979	0.889
France	0.900	0.629	0.681	0.800	0.790	0.906	0.892	0.797
Iran	0.789	0.804	0.795	0.813	0.887	0.857	0.909	0.965
UK	0.777	0.859	0.715	0.883	0.784	0.747	0.873	0.909
S Korea	0.130	0.121	0.093	0.094	0.110	0.116	0.134	0.134
Cyprus	0.718	0.651	0.635	0.587	0.476	0.603	0.746	0.648
Hawaii	0.909	0.650	0.700	0.667	0.517	0.517	0.602	0.742
Worldwide	0.950	0.832	0.896	0.919	0.839	0.898	0.959	0.949