

# COVID-19 CASES

AS OF FRIDAY 4/3/2020, 10:00PM HST

Statistics regarding daily new cases and active cases the nine 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.

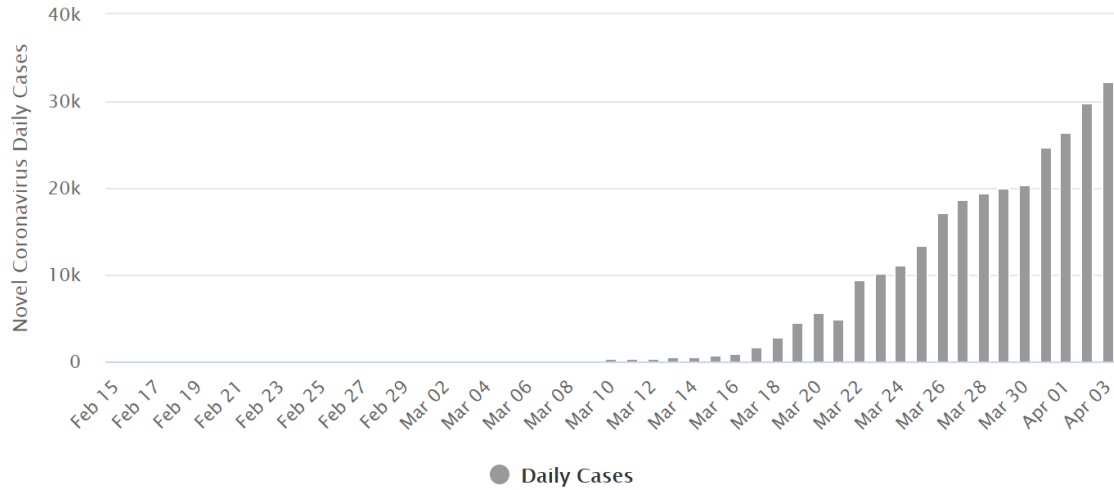
Source: <https://www.financialmirror.com/category/cyprus/>

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

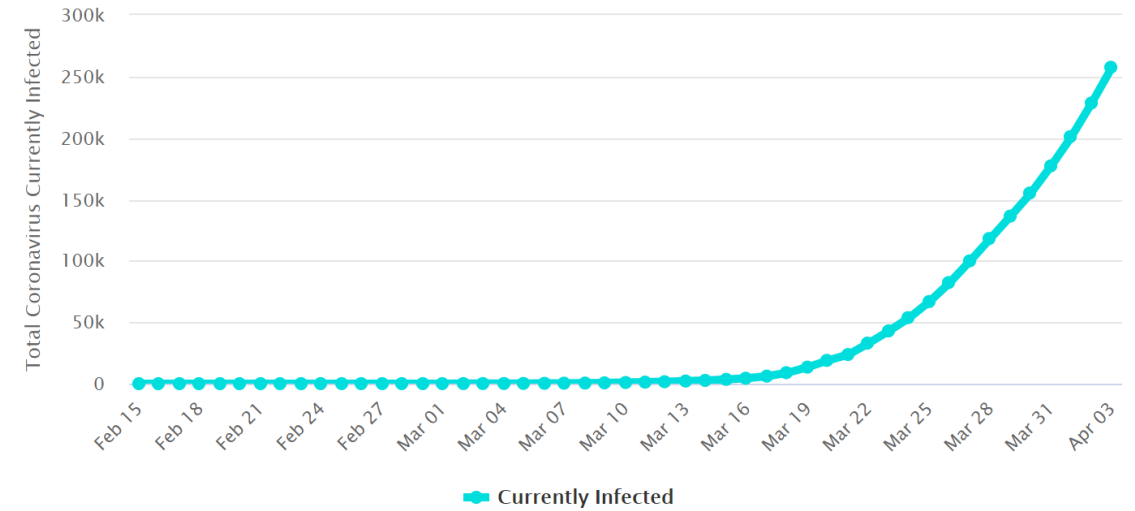


# I. USA

## Active Cases in the United States

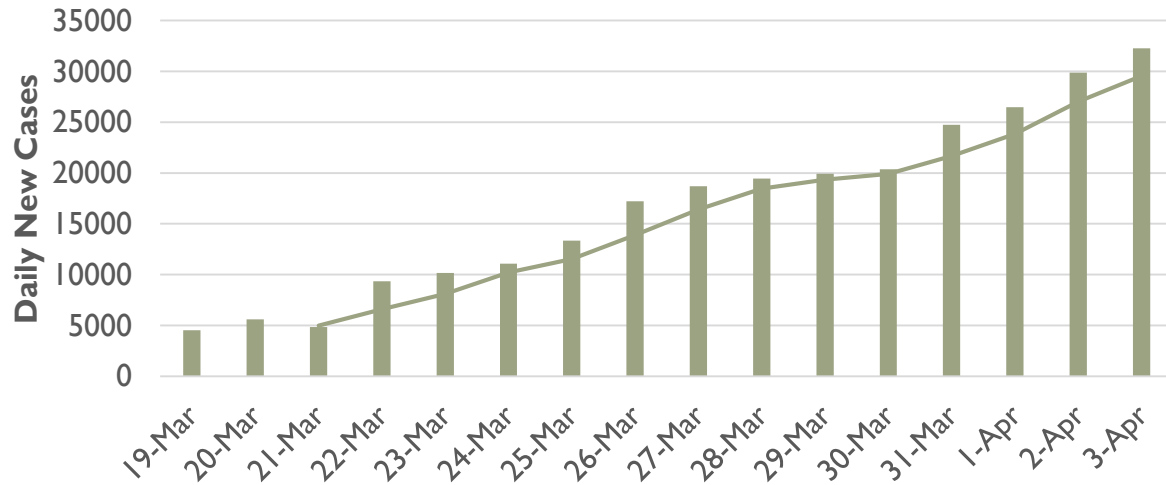
### Active Cases

(Number of Infected People)



## 3-Day Moving Average Trendline

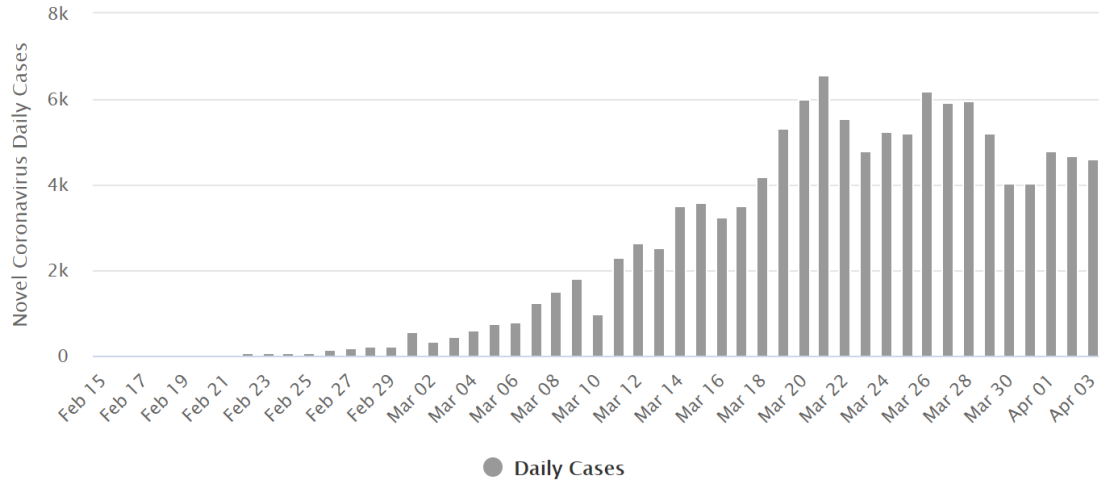
USA 3 per. Mov. Avg. (Daily New Cases)



## Daily New Cases in Italy

### Daily New Cases

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

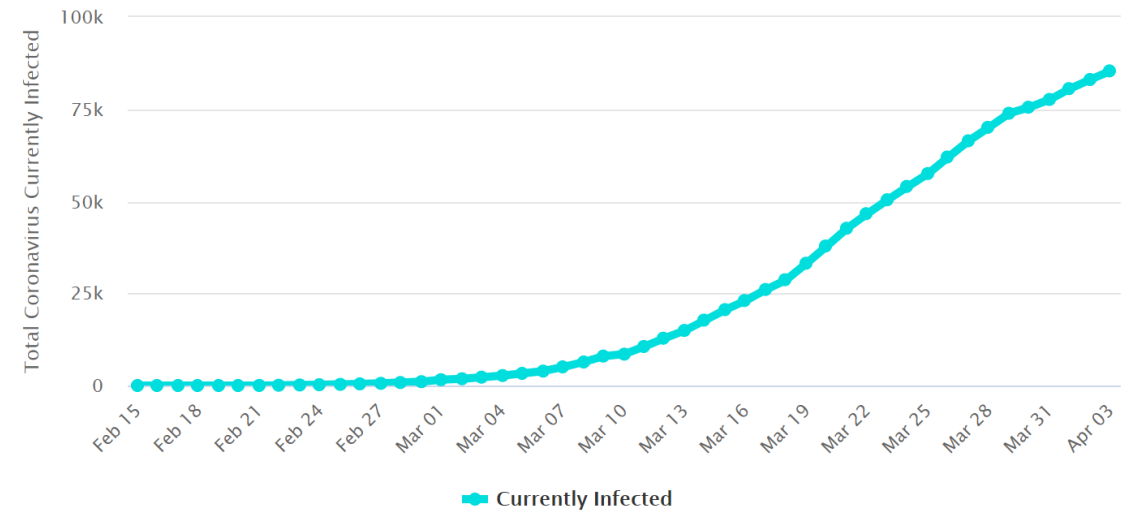


# 2. Italy

## Active Cases in Italy

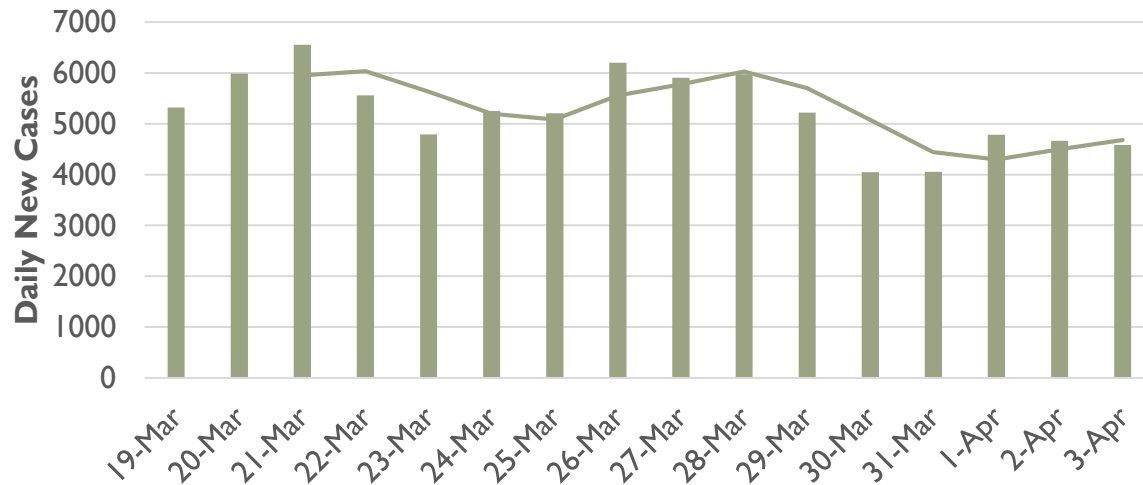
### Active Cases

(Number of Infected People)



### 3-Day Moving Average Trendline

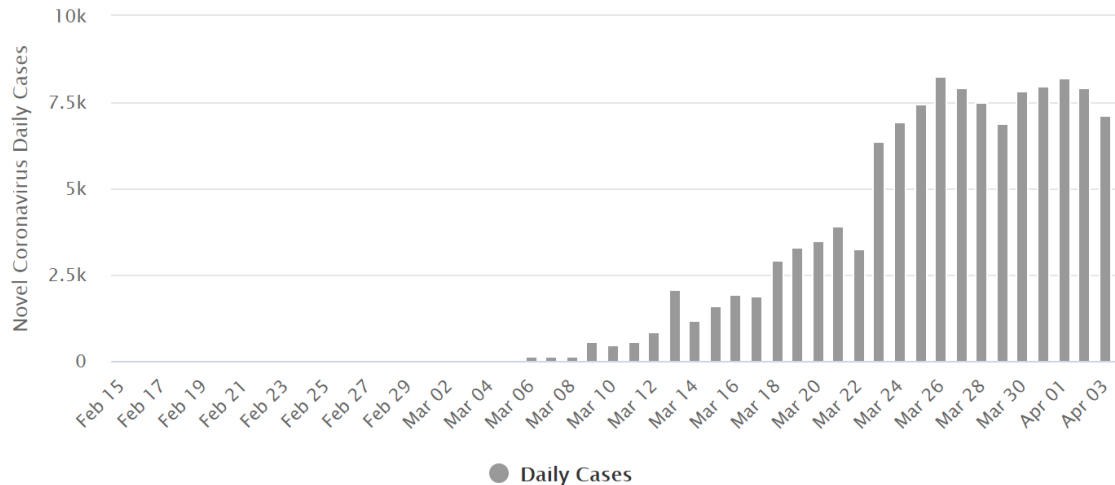
Italy 3 per. Mov. Avg. (Daily New Cases)



# Daily New Cases in Spain

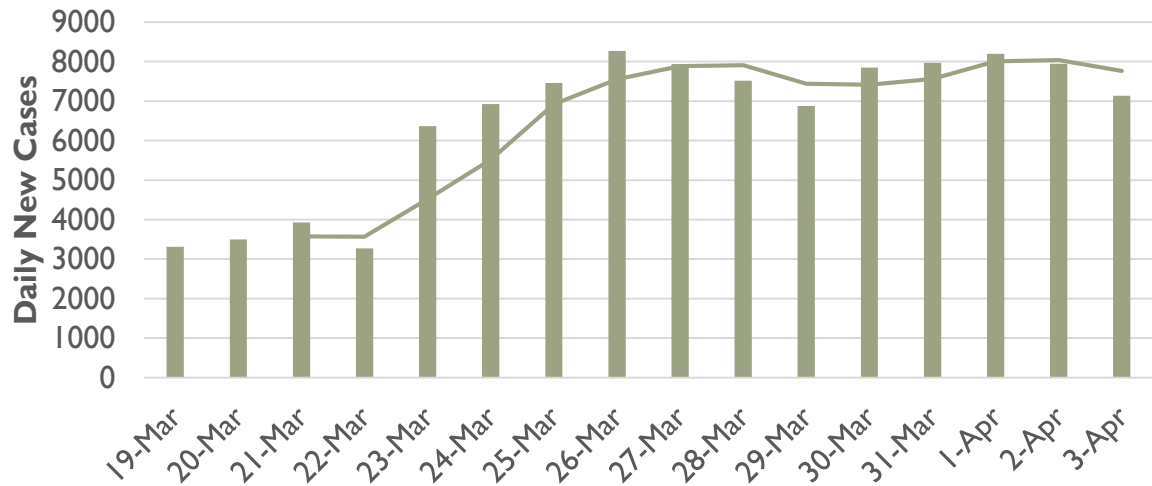
## Daily New Cases

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



## 3-Day Moving Average Trendline

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

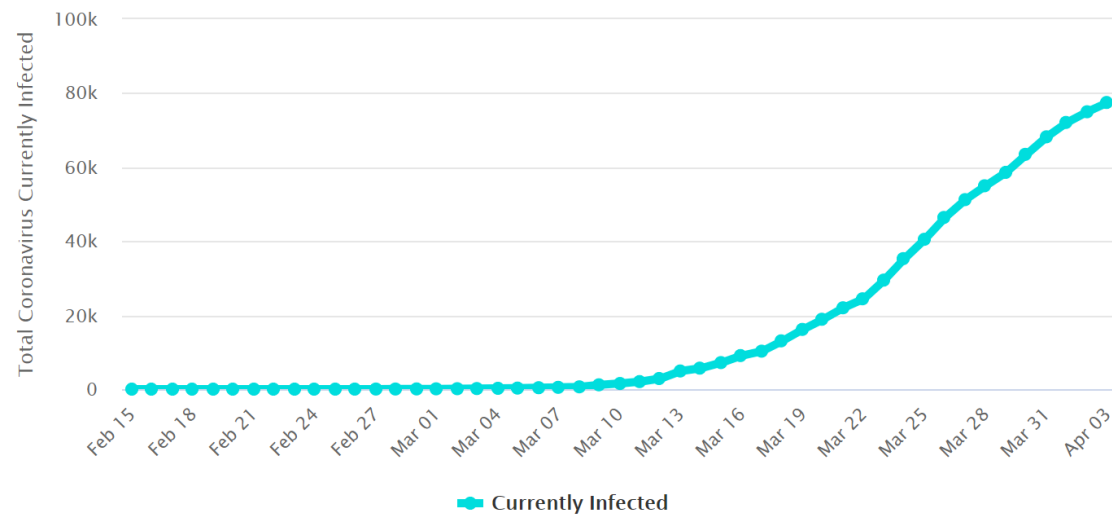


# 3. Spain

## Active Cases in Spain

### Active Cases

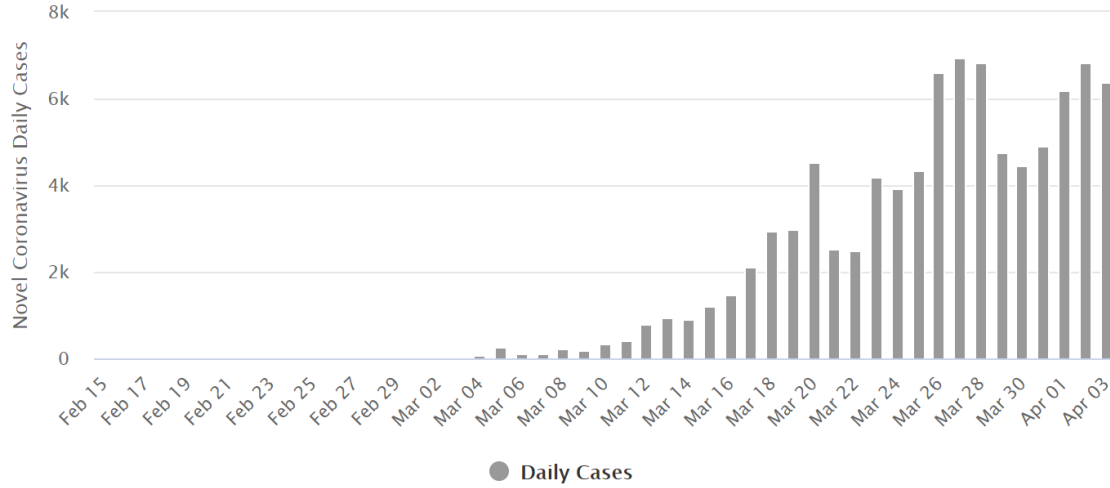
(Number of Infected People)



# Daily New Cases in Germany

## Daily New Cases

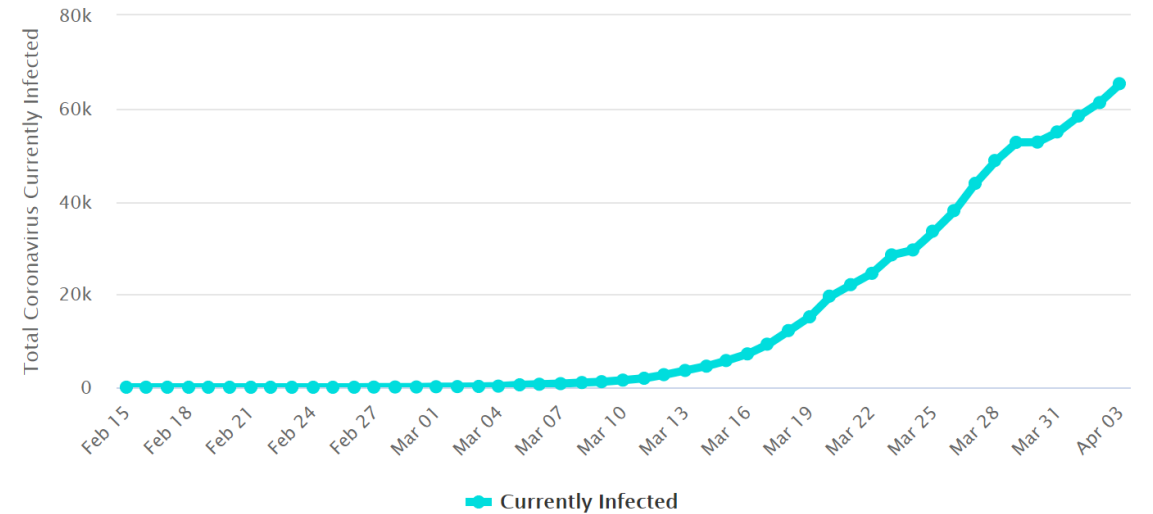
Cases per Day  
Data as of 0:00 GMT+0



# 4. Germany

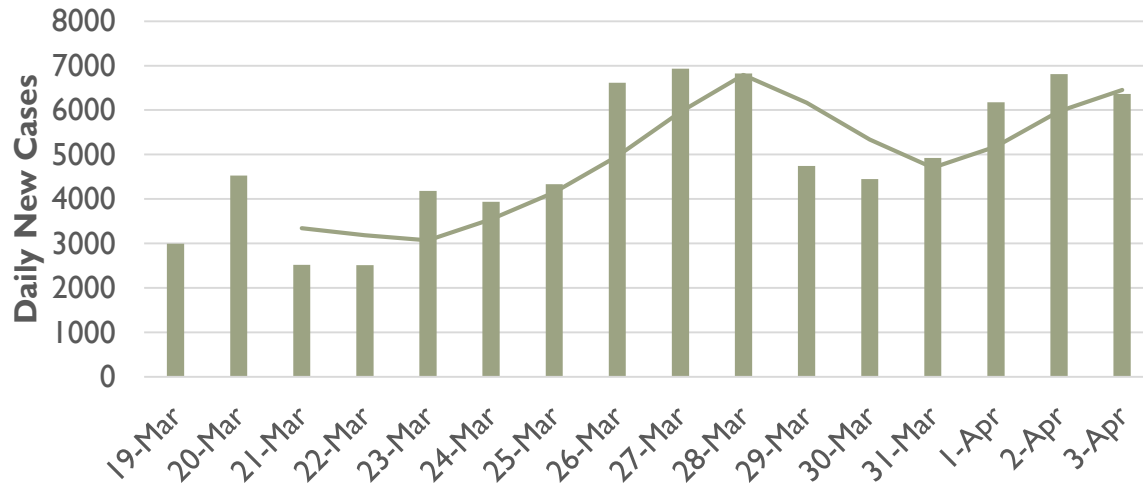
## Active Cases in Germany

Active Cases  
(Number of Infected People)



## 3-Day Moving Average Trendline

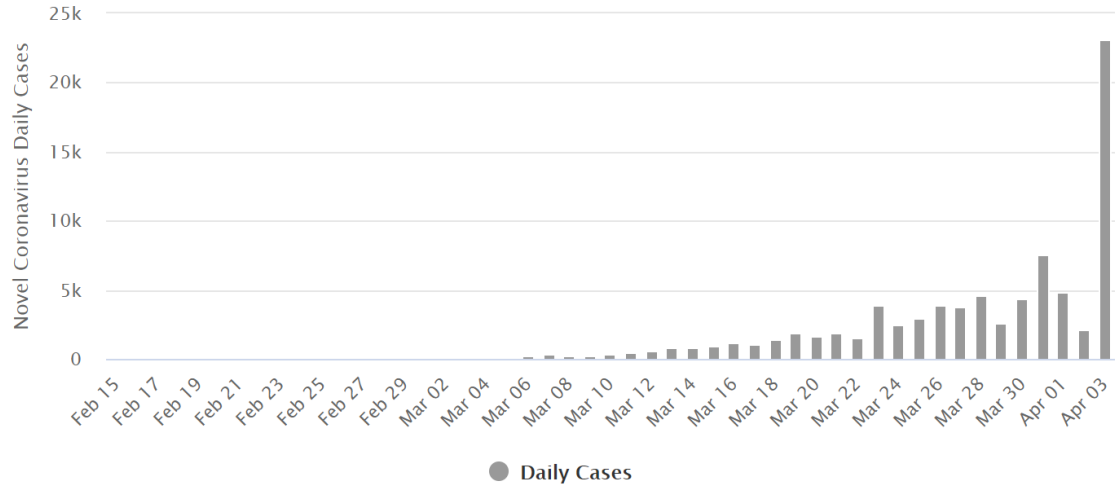
Germany 3 per. Mov. Avg. (Daily New Cases)



# Daily New Cases in France

### Daily New Cases

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

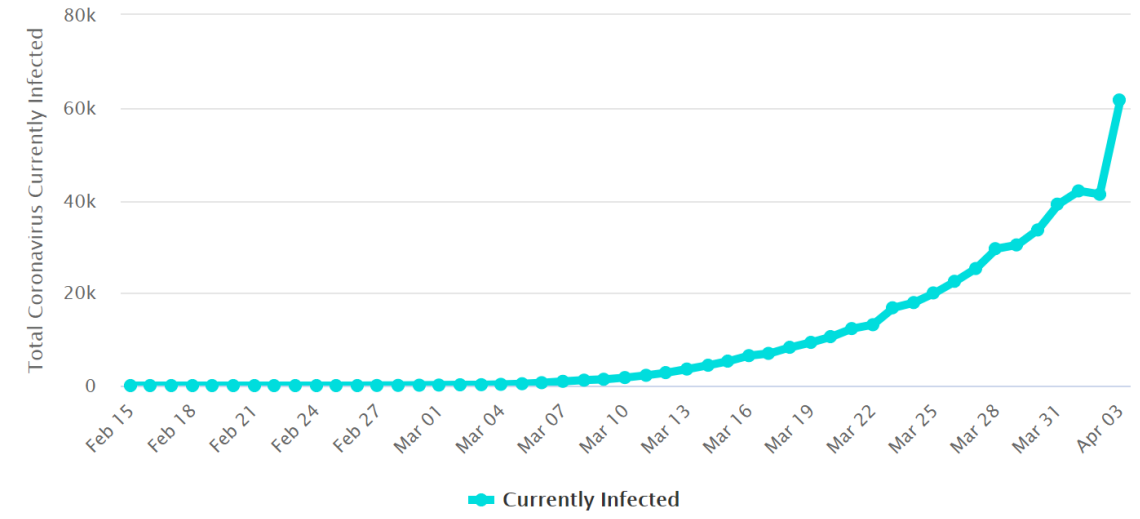


# 5. France

## Active Cases in France

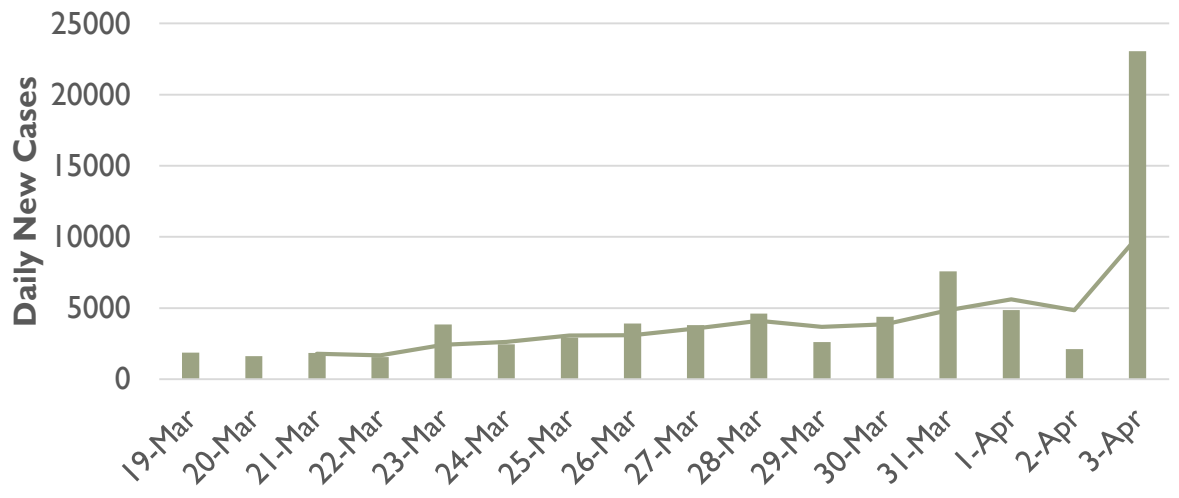
### Active Cases

(Number of Infected People)



### 3-Day Moving Average Trendline

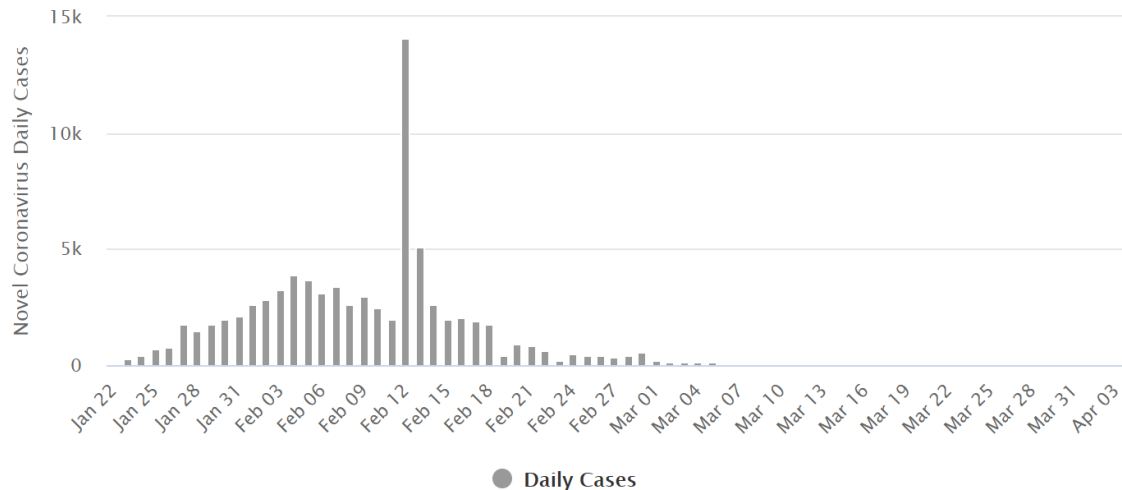
France 3 per. Mov. Avg. (Daily New Cases)



# Daily New Cases in China

## Daily New Cases

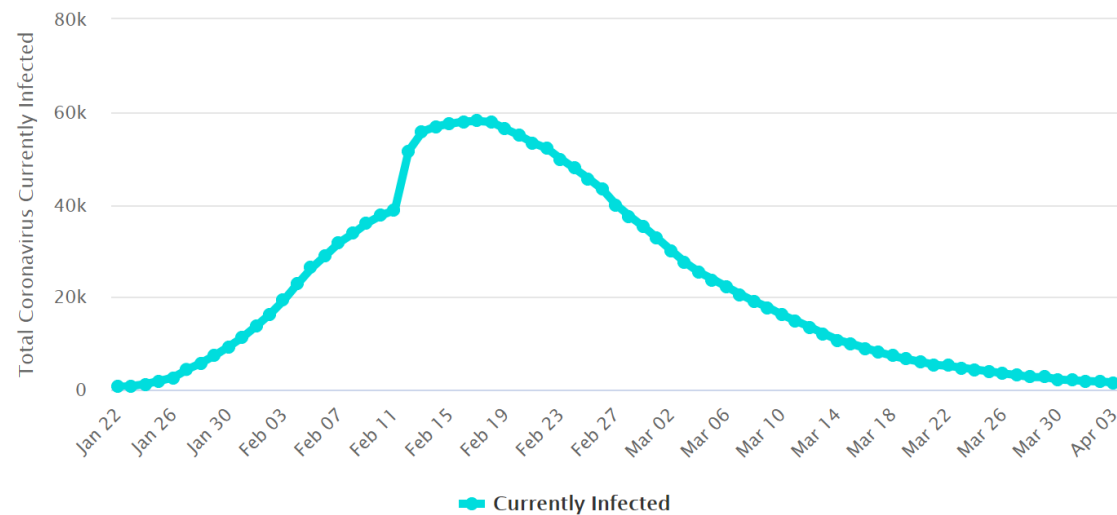
Cases per Day  
Data as of 0:00 GMT+0



# 6. China

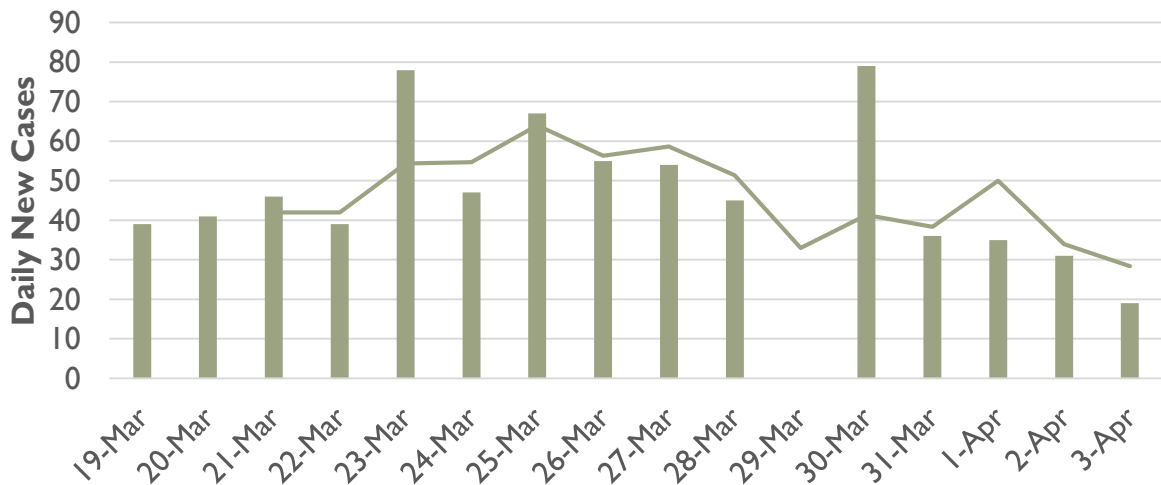
## Active Cases in China

Active Cases  
(Number of Infected People)



## 3-Day Moving Average Trendline

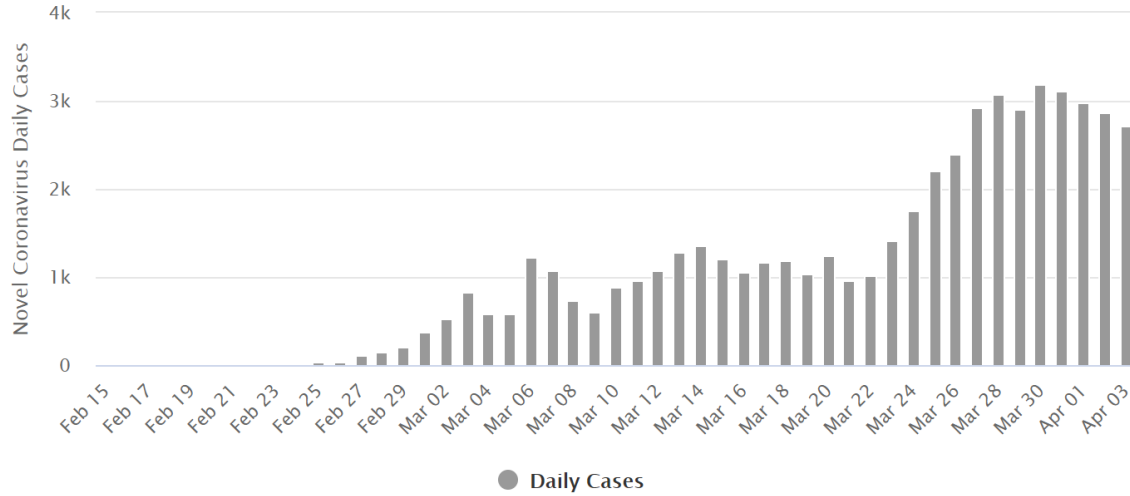
China 3 per. Mov. Avg. (Daily New Cases)



# Daily New Cases in Iran

## Daily New Cases

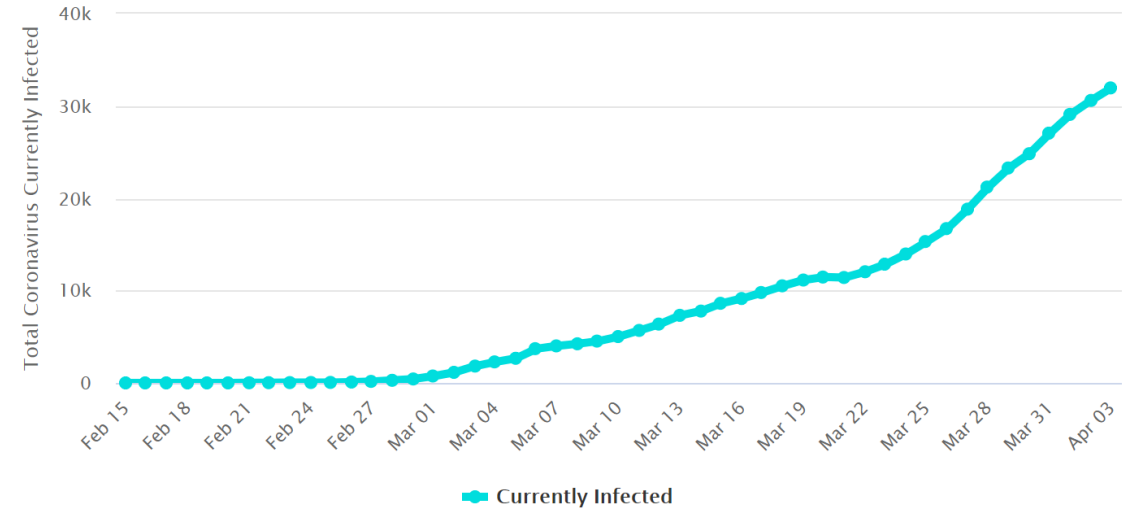
Cases per Day  
Data as of 0:00 GMT+0



# 7. Iran

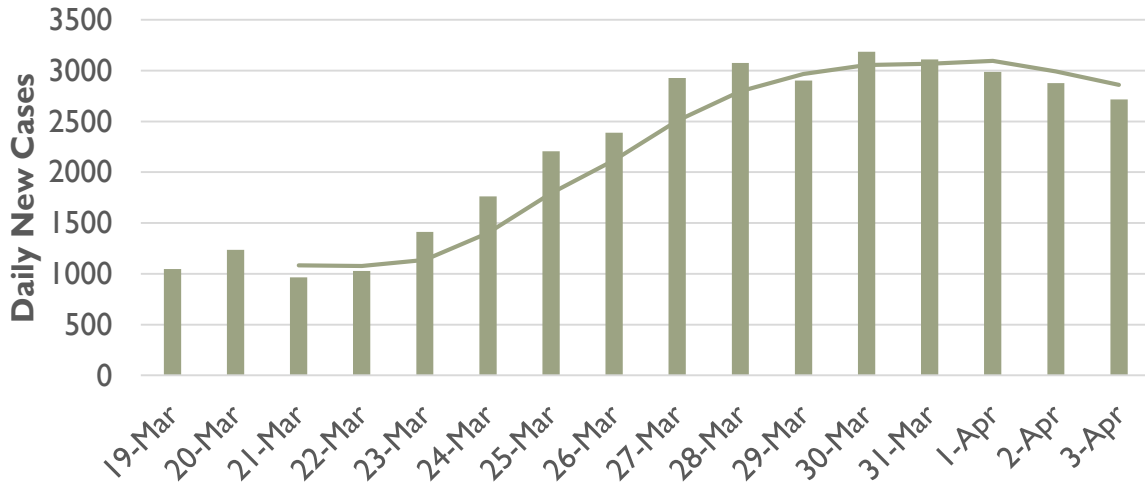
## Active Cases in Iran

Active Cases  
(Number of Infected People)



## 3-Day Moving Average Trendline

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

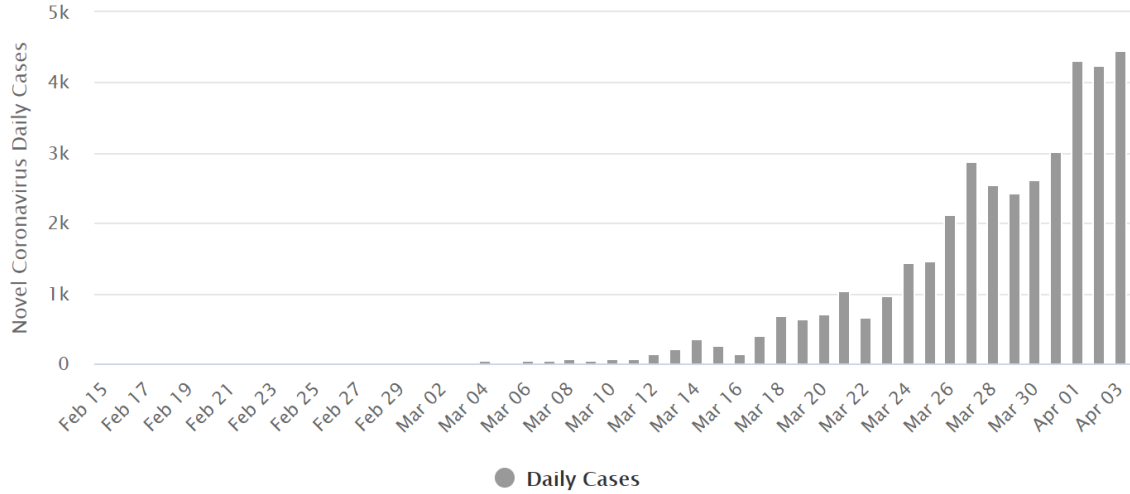




# Daily New Cases in the United Kingdom

## Daily New Cases

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

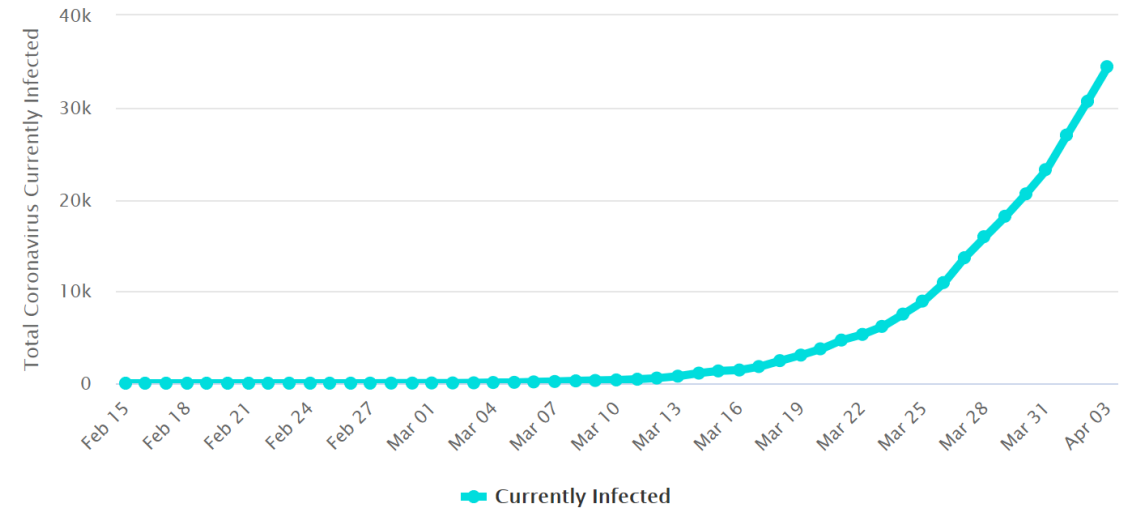


# 8. UK

# Active Cases in the United Kingdom

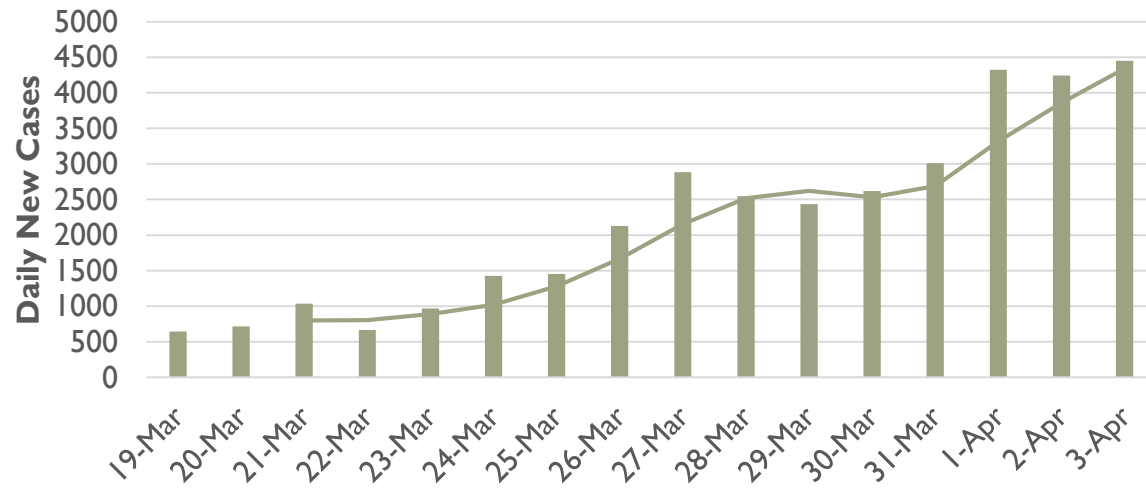
## Active Cases

(Number of Infected People)



## 3-Day Moving Average Trendline

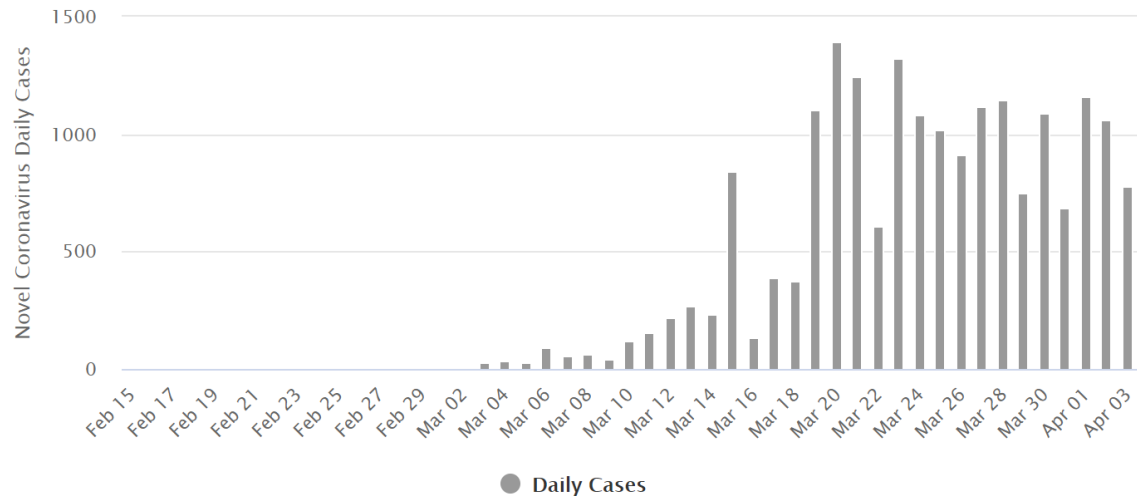
UK 3 per. Mov. Avg. (Daily New Cases)



# Daily New Cases in Switzerland

### Daily New Cases

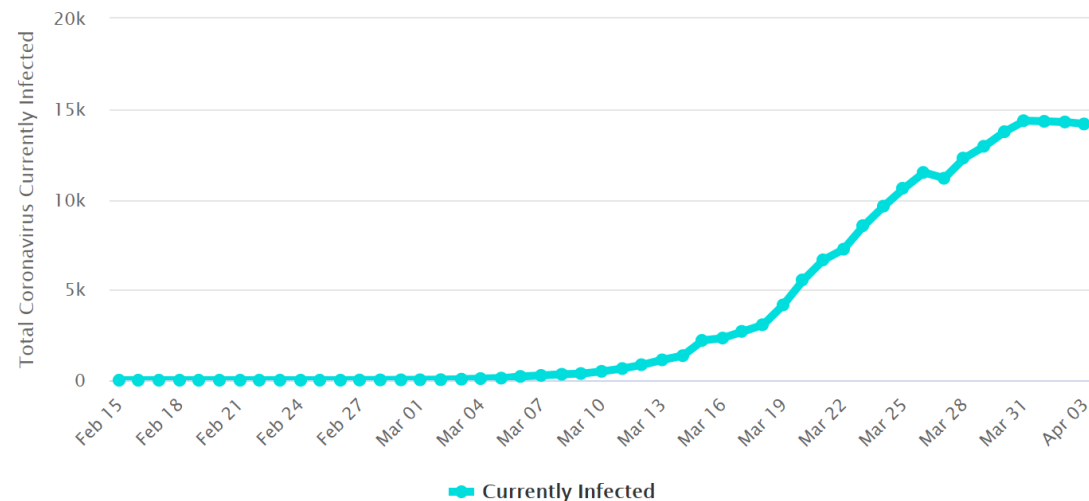
Cases per Day  
Data as of 0:00 GMT+0



# 9. Switzerland

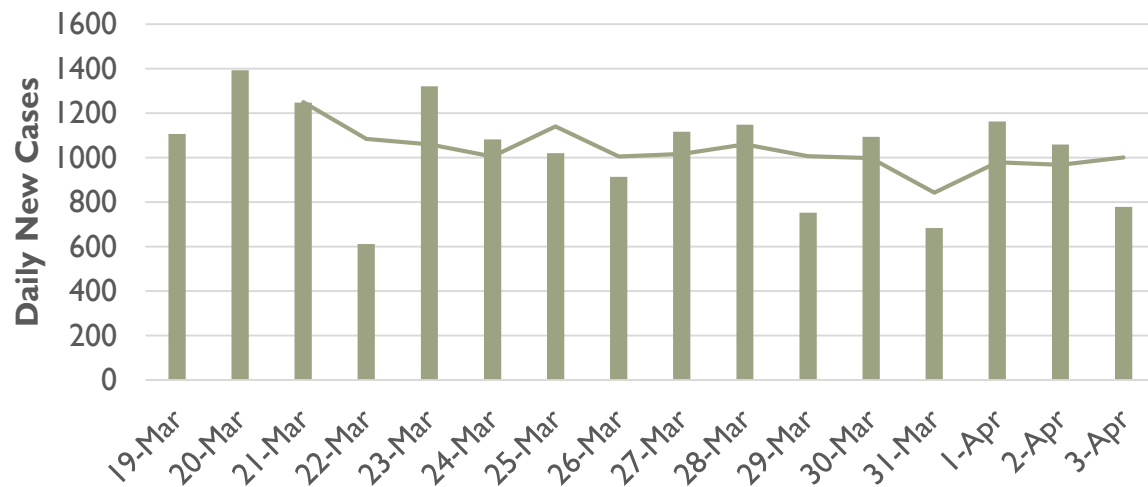
### Active Cases in Switzerland

Active Cases  
(Number of Infected People)



### 3-Day Moving Average Trendline

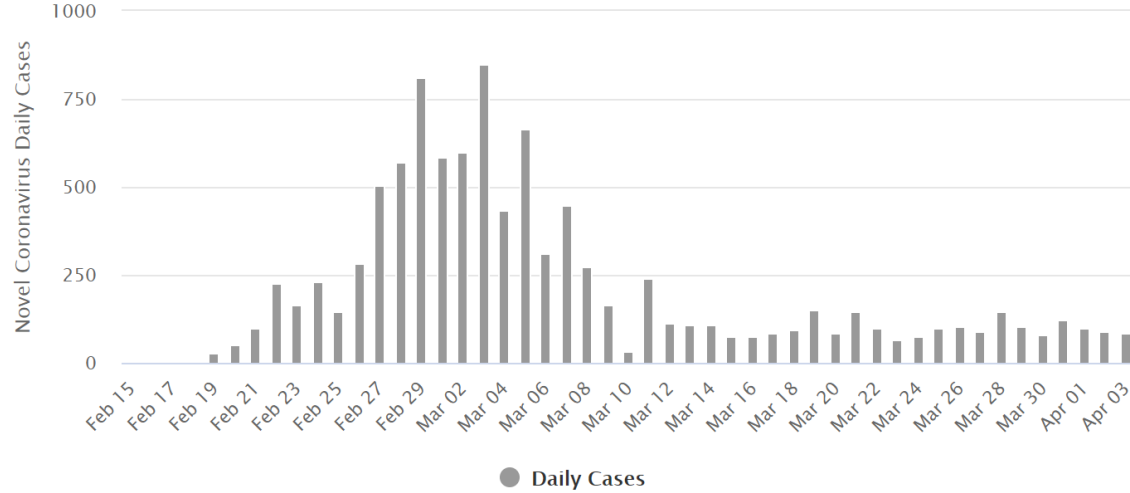
Switzerland 3 per. Mov. Avg (Daily New Cases)



# Daily New Cases in South Korea

## Daily New Cases

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

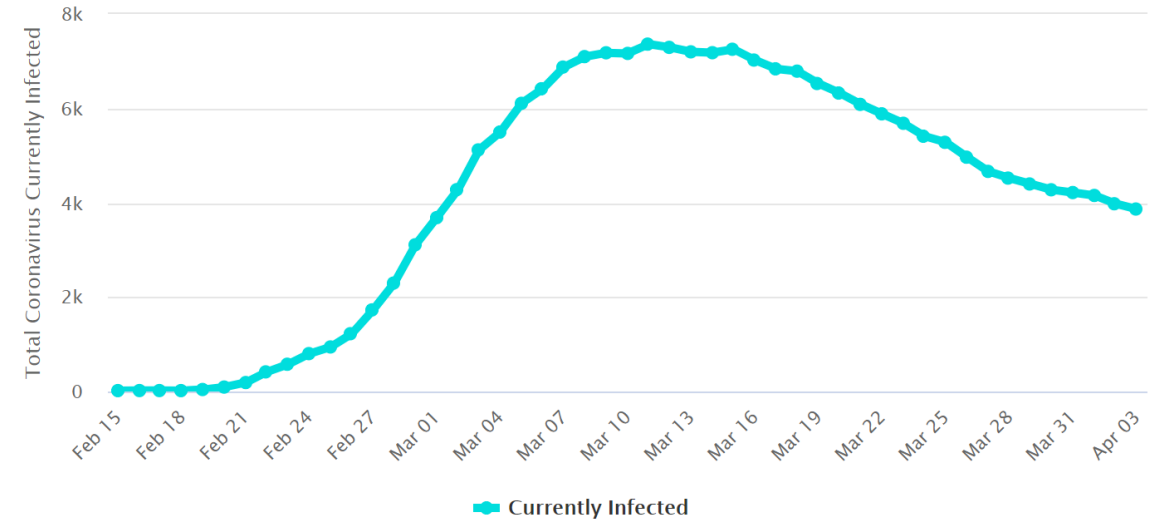


# South Korea

## Active Cases in South Korea

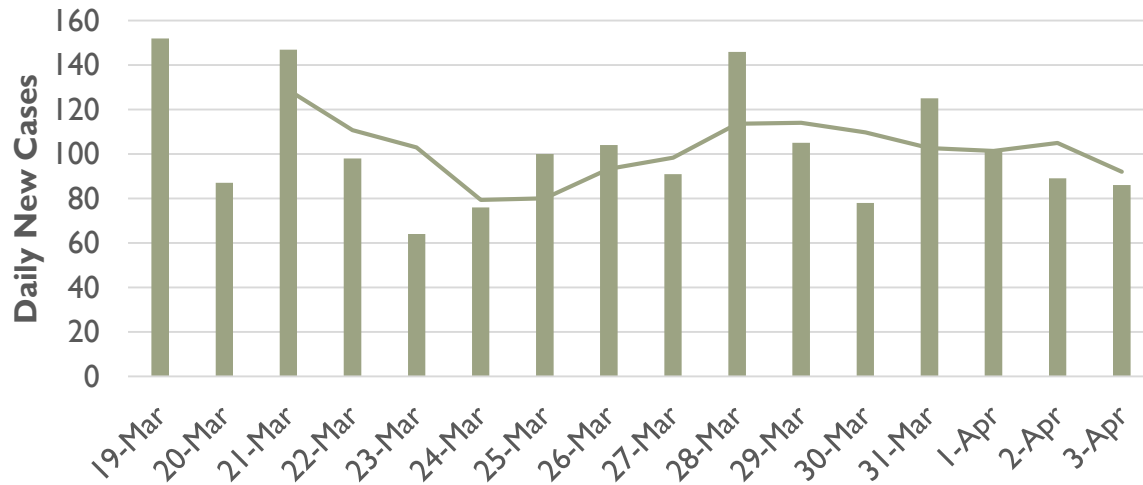
### Active Cases

(Number of Infected People)

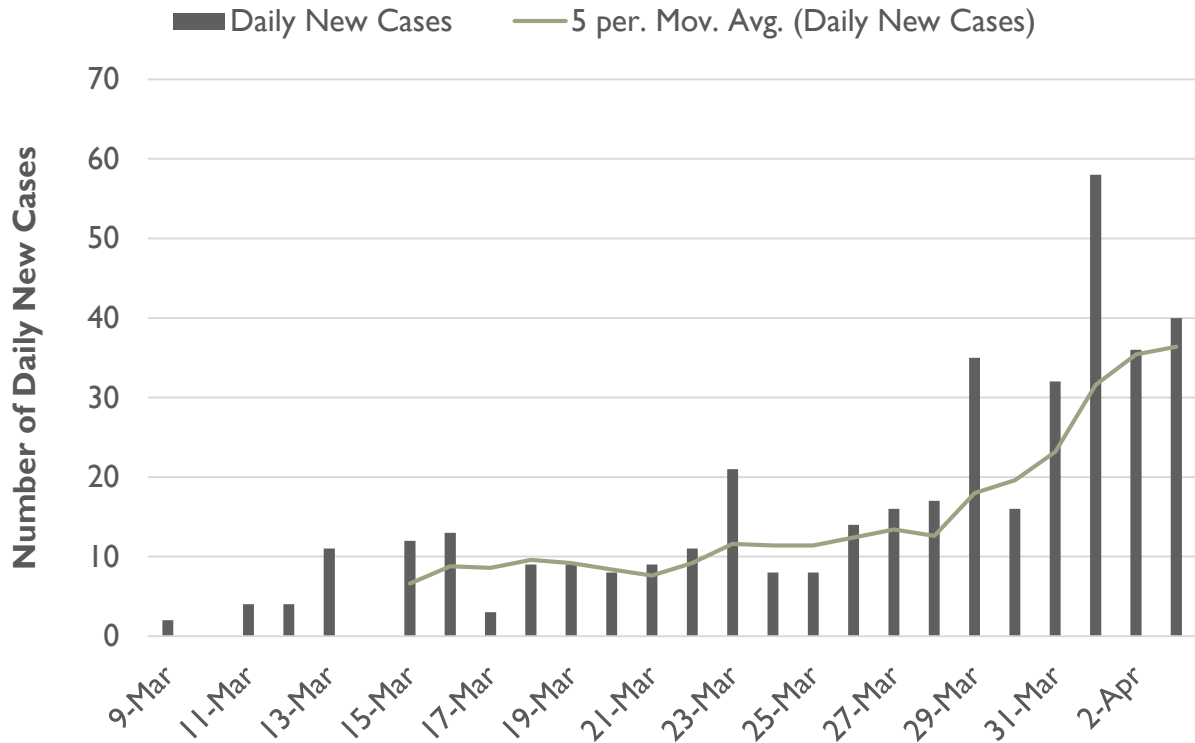


## 3-Day Moving Average Trendline

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



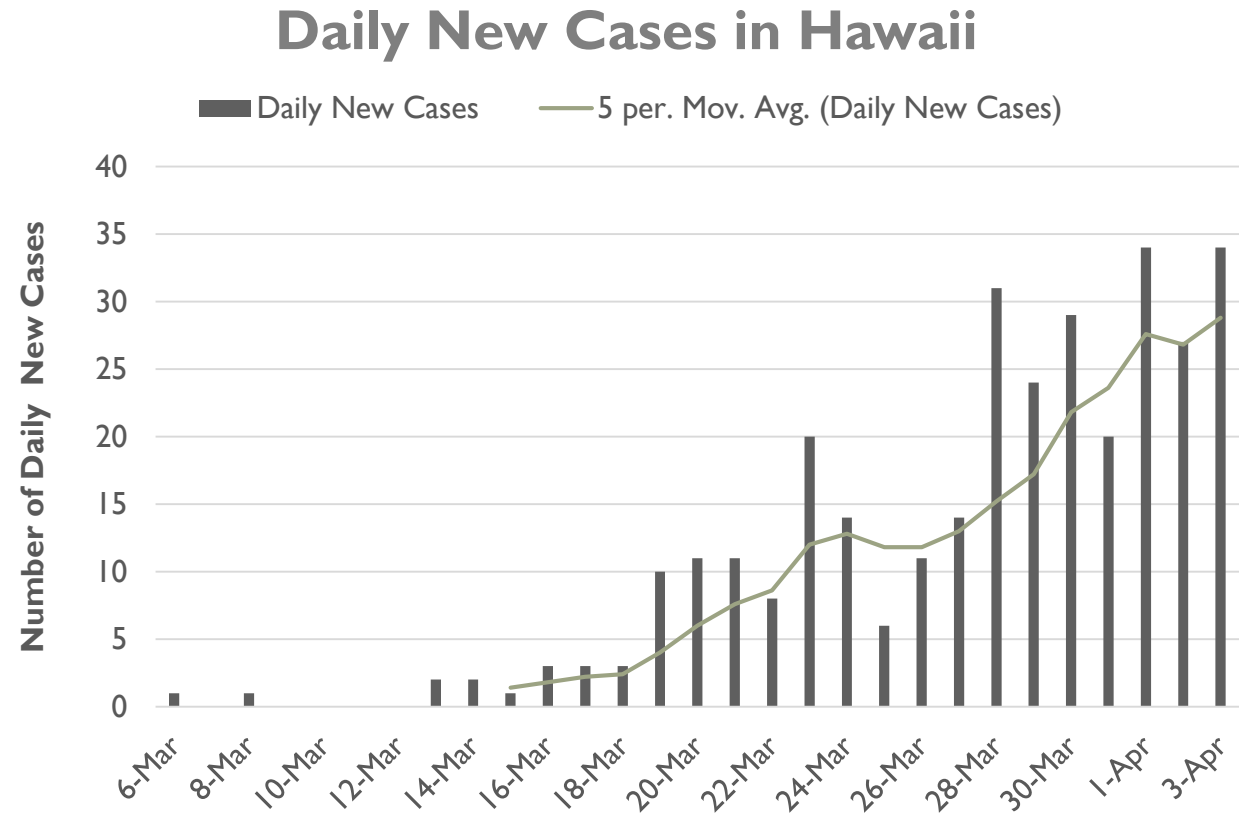
# Daily New Cases in Cyprus



# Cyprus

Correlation,  $r$  (Between Cyprus and Hawaii) = 0.782  
 $r$  is significant at  $\alpha = 5\%$

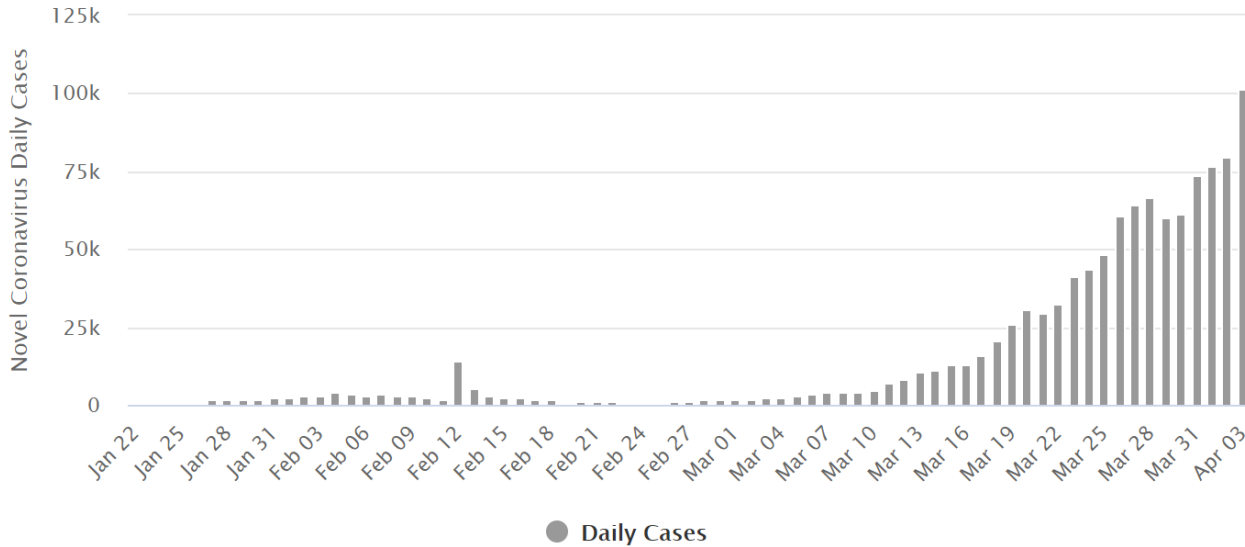
# Hawaii



# Worldwide

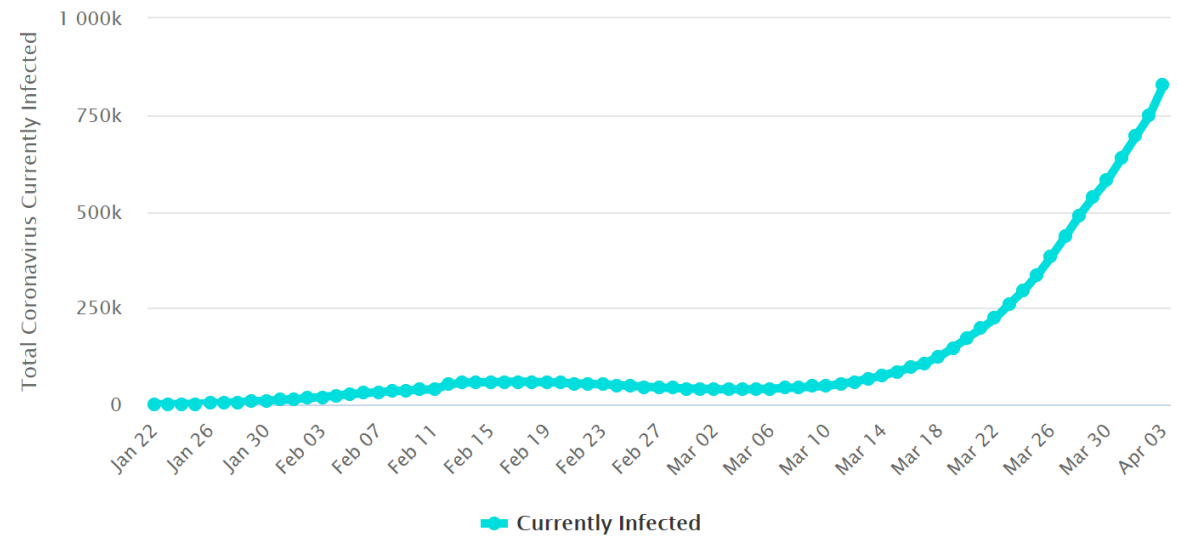
## Daily New Cases

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



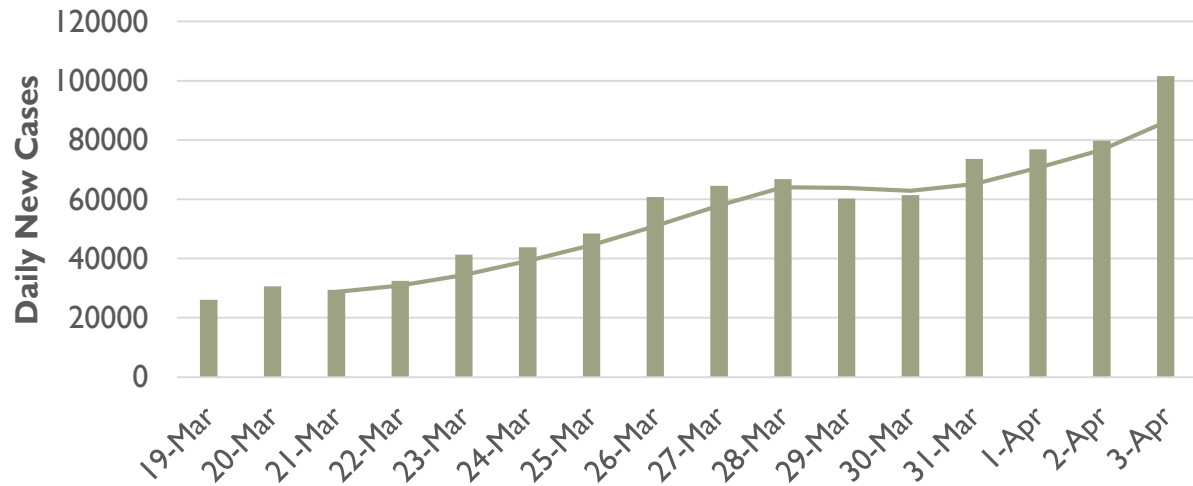
## Active Cases

(Number of Infected People)



## 3-Day Moving Average Trendline

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



# Table 1.a

## GROWTH IN NEW CASES SINCE THE DAY BEFORE

	3/19	3/20	3/21	3/22	3/23	3/24	3/25	3/26	3/27	3/28	3/29	3/30	3/31	4/1	4/2	4/3
USA	1.591	1.235	0.862	1.936	1.089	1.091	1.204	1.290	1.085	1.041	1.024	1.022	1.216	1.070	1.128	1.081
Italy	1.265	1.125	1.095	0.848	0.861	1.096	0.993	1.191	0.953	1.011	0.873	0.776	1.001	1.180	0.976	0.982
Spain	1.124	1.056	1.123	0.834	1.946	1.087	1.077	1.109	0.959	0.947	0.915	1.141	1.015	1.029	0.970	0.898
Germany	1.011	1.513	0.556	0.997	1.667	0.941	1.101	1.527	1.048	0.984	0.695	0.939	1.106	1.254	1.104	0.934
France	1.325	0.869	1.142	0.844	2.462	0.638	1.196	1.339	0.971	1.211	0.564	1.684	1.732	0.641	0.435	10.898
China	1.15	1.051	1.122	0.848	2.000	0.603	1.426	0.821	0.982	0.833	0.000	---	0.456	0.972	0.886	0.613
Iran	0.878	1.183	0.781	1.064	1.373	1.249	1.252	1.083	1.225	1.051	0.943	1.098	0.976	0.961	0.962	0.944
UK	0.951	1.110	1.450	0.643	1.454	1.476	1.018	1.466	1.355	0.882	0.956	1.076	1.149	1.437	0.981	1.049
Switzerland	2.968	1.258	0.896	0.490	2.162	0.819	0.943	0.896	1.222	1.028	0.656	1.452	0.625	1.703	0.911	0.736
S Korea	1.634	0.572	1.690	0.667	0.653	1.188	1.316	1.040	0.875	1.604	0.719	0.743	1.603	0.808	0.881	0.966
Cyprus	1.000	0.889	1.125	1.375	1.909	0.381	1.000	1.750	1.143	1.063	2.059	0.457	2.000	1.813	0.621	1.111
Hawaii	3.333	1.100	1.000	0.727	2.500	0.700	0.429	1.833	1.273	2.214	0.774	1.208	0.690	1.700	0.794	1.259
Worldwide	1.271	1.174	0.960	1.102	1.275	1.058	1.107	1.254	1.061	1.035	0.903	1.019	1.199	1.043	1.037	1.274

**Table 1.b****AVERAGE GROWTH OF LAST FIVE DAYS**

	3/23-27	3/24-28	3/25-29	3/26-30	3/27-31	3/28-4/1	3/29-4/2	3/30-4/3
USA	1.152	1.142	1.129	1.092	1.077	1.074	1.092	1.103
Italy	1.019	1.049	1.004	0.961	0.923	0.968	0.961	0.983
Spain	1.236	1.036	1.002	1.014	0.996	1.009	1.014	1.011
Germany	1.257	1.120	1.071	1.039	0.954	0.996	1.019	1.067
France	1.321	1.071	1.056	1.154	1.232	1.166	1.011	3.078
China	1.166	0.933	0.812	0.659	0.568	0.565	0.578	0.732
Iran	1.236	1.172	1.111	1.080	1.059	1.006	0.988	0.988
UK	1.354	1.239	1.135	1.147	1.084	1.100	1.120	1.138
Switzerland	1.208	0.982	0.949	1.051	0.996	1.093	1.069	1.085
S Korea	1.014	1.205	1.111	0.996	1.109	1.095	0.951	1.000
Cyprus	1.237	1.067	1.403	1.294	1.344	1.478	1.390	1.200
Hawaii	1.347	1.290	1.305	1.461	1.232	1.317	1.033	1.130
Worldwide	1.151	1.103	1.072	1.054	1.043	1.040	1.040	1.115

## Table 2

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

	3/22	3/23	3/24	3/25	3/26	3/27	3/28	3/29	3/30	3/31	4/1	4/2	4/3
USA	0.701	0.796	0.921	0.865	0.806	0.879	0.949	0.972	0.978	0.876	0.901	0.905	0.915
Italy	0.920	0.859	0.793	0.775	0.847	0.881	0.919	0.869	0.775	0.677	0.655	0.686	0.713
Spain	0.908	0.710	0.798	0.927	0.913	0.954	0.956	0.900	0.896	0.914	0.968	0.972	0.938
Germany	0.703	0.678	0.782	0.917	0.750	0.860	0.979	0.889	0.770	0.679	0.747	0.861	0.930
France	0.900	0.629	0.681	0.800	0.790	0.906	0.892	0.797	0.838	0.640	0.740	0.640	0.434
China	0.003	0.004	0.004	0.005	0.004	0.004	0.004	0.002	0.003	0.003	0.004	0.002	0.002
Iran	0.789	0.804	0.795	0.813	0.887	0.857	0.909	0.965	0.959	0.962	0.971	0.939	0.897
UK	0.777	0.859	0.715	0.883	0.784	0.747	0.873	0.909	0.878	0.893	0.767	0.892	0.975
Switzerland	0.778	0.761	0.721	0.819	0.722	0.730	0.761	0.722	0.716	0.605	0.703	0.695	0.718
S Korea	0.130	0.121	0.093	0.094	0.110	0.116	0.134	0.134	0.129	0.121	0.119	0.123	0.108
Cyprus	0.718	0.651	0.635	0.587	0.476	0.603	0.746	0.648	0.648	0.790	0.609	0.724	0.770
Hawaii	0.909	0.650	0.700	0.667	0.517	0.517	0.602	0.742	0.903	0.785	0.814	0.794	0.931
Worldwide	0.950	0.832	0.896	0.919	0.839	0.898	0.959	0.956	0.941	0.884	0.919	0.963	0.847