Overview of COVID-19 as of 2020-03-29

- Deaths: 30658 - Death Rate: 4.64%

World Confirmed Cases World Deaths 3×10⁴ 6×10⁵ 5×10⁵ 2×10⁴ 1×10⁴ 2×10⁵ 1×10⁵ 2020-02-01 1st Derivative (new cases) 1st Derivative (new deaths) 3000 6×10⁴ 5×10⁴ 4×10⁴ 2×10⁴ 1000 1×104

2nd Derivative (cases acceleration) 2nd Derivative (deaths acceleration) 7500 7500 2500 -2500 -2500 2020-02-01 2020-03-01 2020-02-01 2020-03-01 **Top 10 Worst Affected Countries**

death_rate

Float64

US: confirmed Italy: confirmed

China: confirmed Spain: confirmed Germany: confirmed France: confirmed Iran: confirmed

United Kingdom: confirmed Switzerland: confirmed Netherlands: confirmed

Int64

country confirmed_maximum deaths_maximum String Int64

4×10⁴

0

1

2

3

8

40 rows × 5 columns

10

Any

Turkey

Belgium

Portugal

Philippines

20

Acceleration (>1000 cases now)

Any

0.150748

0.0706489

0.0688406

Confirmed

10 rows × 4 columns

0.0166779 1 US 121478 2026 2 92472 10023 0.10839 Italy China 81999 3299 0.0402322 3 Spain 73235 5982 0.0816823 Germany 57695 0.00750498 5 433 6 France 38105 2317 0.0608057 35408 2517 0.0710856 Iran 8 United Kingdom 17312 1021 0.0589764 9 Switzerland 14076 0.0187553 264 10 9819 Netherlands 640 0.0651798

Days Since 100th Case 1×10⁵ 8×10⁴ 6×10⁴

2×10⁴ 10 20 30 40 50 60 Days Since 100th Case **Deaths** 10000 Italy: deaths Germany: deaths US: deaths China: deaths 7500 Spain: deaths France: deaths 5000 2500

40

Days Since 100th Case

country last_5_accel cases_now cases_5_ago perc_increase

Any

7402

9134

1075

17312

5170

50

Any

1872

4269

552

8164

2362

String

295.41%

113.96%

94.75%

192.33%

155.35%

107.05%

112.05%

118.88%

China: confirmed Iran: confirmed Korea, South: confirmed China: confirmed

Spain: deaths France: deaths Germany: deaths Italy: deaths Switzerland: deaths

US: deaths

United Kingdom: deaths Netherlands: deaths

Iran

0.0639742 4 Israel 3619 1238 5 Russia 0.0634343 1264 495 Chile 6 0.0401302 1909 922

0.0388535

0.0374259

7 United Kingdom

9	Australia	0.0356164	3640	2044	78.08%
10	US	0.034425	121478	53740	126.05%
11	Czechia	0.0338594	2631	1394	88.74%
12	Japan	0.0331936	1693	1193	41.91%
13	Poland	0.0297447	1638	901	81.8%
14	Luxembourg	0.0271156	1831	1099	66.61%
15	Sweden	0.0232721	3447	2286	50.79%
16	Netherlands	0.0224014	9819	5580	75.97%
17	Canada	0.0197133	5576	2790	99.86%
18	Germany	0.0160129	57695	32986	74.91%
19	Iran	0.0134215	35408	24811	42.71%
20	Finland	0.0131313	1167	792	47.35%
21	Indonesia	0.012828	1155	686	68.37%
22	Denmark	0.0125728	2366	1718	37.72%
23	Saudi Arabia	0.0125163	1203	767	56.84%
24	Ireland	0.0112867	2415	1329	81.72%
25	Brazil	0.00970182	3904	2247	73.74%
26	France	0.0072761	38105	22622	68.44%
27	Ecuador	0.00665434	1823	1082	68.48%
28	Greece	0.0064603	1061	743	42.8%
29	Spain	0.00575655	73235	39885	83.62%
30	Pakistan	0.00473251	1495	972	53.81%
÷	:	:	:	:	:
	na, Iran, firmed Cas	South Ko	rea		
8×10 ⁴					
6×10 ⁴					
4×10 ⁴					

China 5000

2020-02-01

4000 3000

Deaths

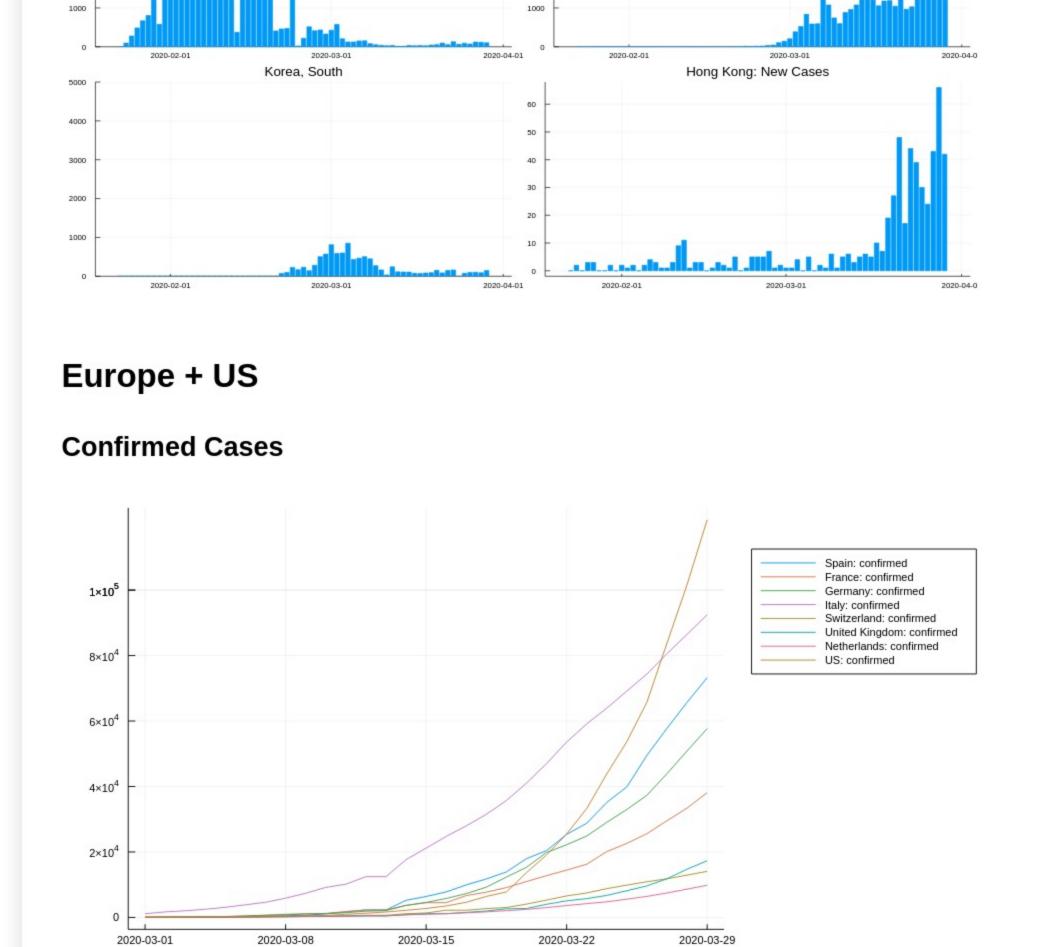
10000

7500

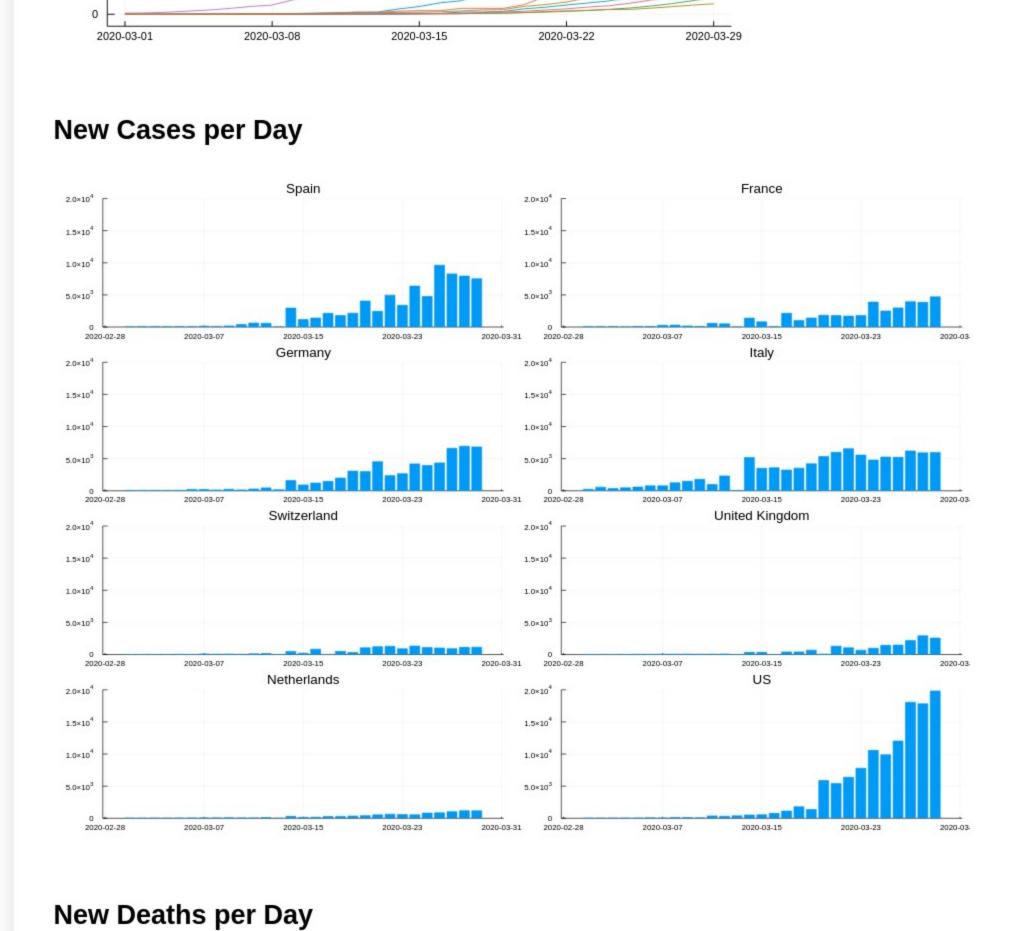
5000

2500

2×104



2020-03-01



600

400 200

2020-03-31 2020-02-28

200

2020-03-31 2020-02-28

2020-03-31 2020-02-28

2020-03-31 2020-02-28

2020-03-07

2020-03-07

France

2020-03-15

Italy

United Kingdom

2020-03-15

US

2020-03-23

2020-03-23

Brazil: confirmed Argentina: confirmed Chile: confirmed Ecuador: confirmed

Bolivia: confirmed Suriname: confirmed Guyana: confirmed Peru: confirmed Mexico: confirmed Paraguay: confirmed Colombia: confirmed

Venezuela: confirmed

Hungary: confirmed

2020-03-

Hungary: deaths

Spain

2020-03-15

Germany

2020-03-15

Switzerland

2020-03-15

Netherlands

2020-03-15

2020-03-23

2020-03-23

2020-03-07

2020-03-07

2020-03-07

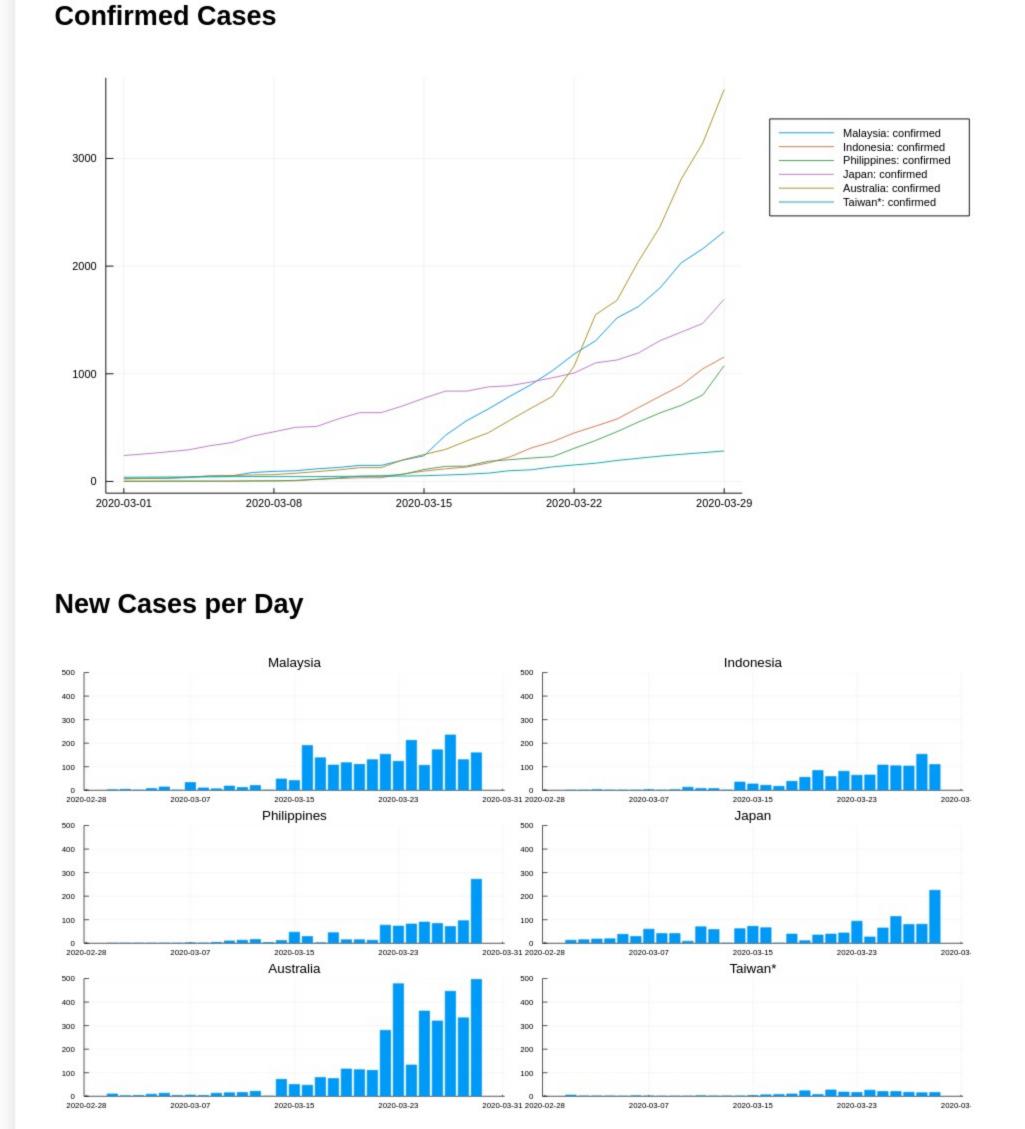
2020-03-07

Asia (- S. Korea, China)

1000

600

200



500 400 300 200 2020-03-07 2020-02-28

New Cases per Day

2020-03-07

South America

Confirmed Cases

4000

3000

2000

1000

600

400

300

200

100

2020-02-28

300

200

100

80

60

40

20

2020-02-28

2020-03-07

2020-03-01

2020-03-08

Brazil

Chile

Bolivia

2020-03-15

2020-03-22

300

400

300

100

2020-03-29

Argentina

2020-03-15

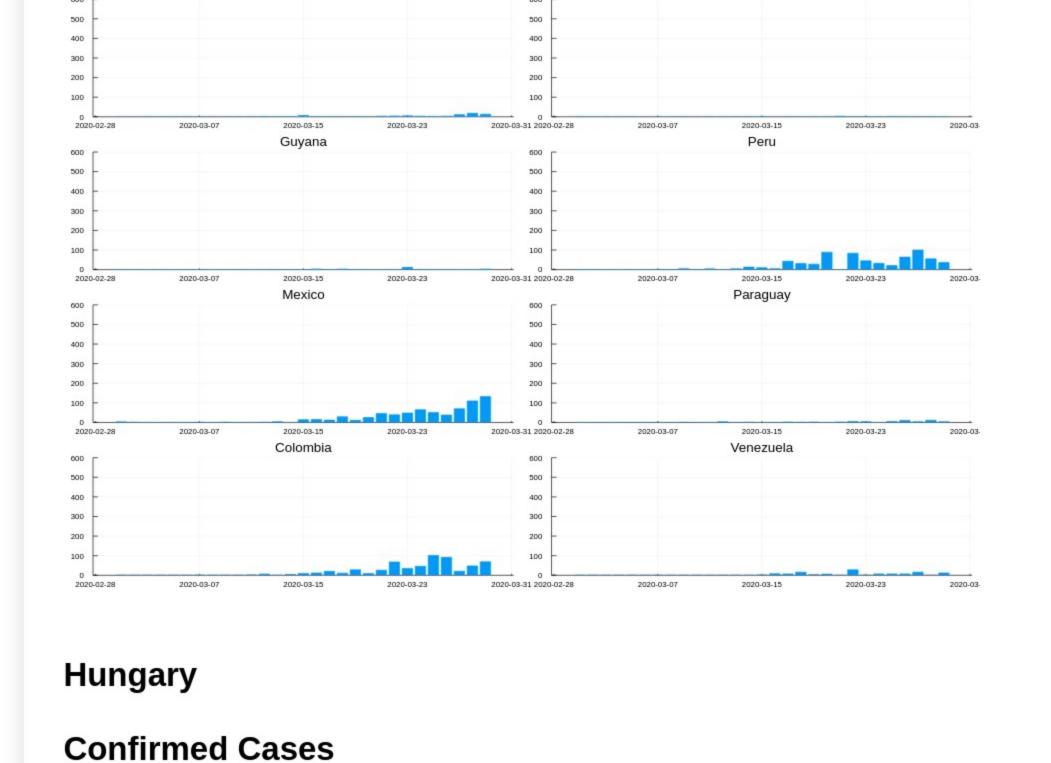
Ecuador

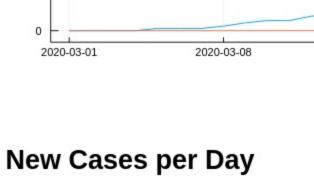
2020-03-15

Suriname

2020-03-07

2020-03-07





2020-03-15

Hungary

2020-03-15

2020-03-22

2020-03-29