

WHU Executive Education

How long will the Coronavirus lockdown last? Or: Should we protect our health care systems or our economies?

8 April 2020

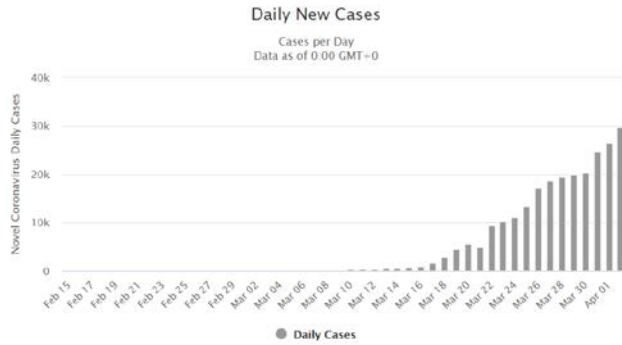
Markus Rudolf | Dean



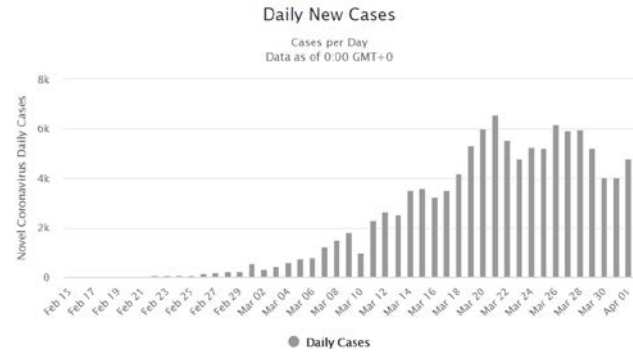
Daily new Infections.

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

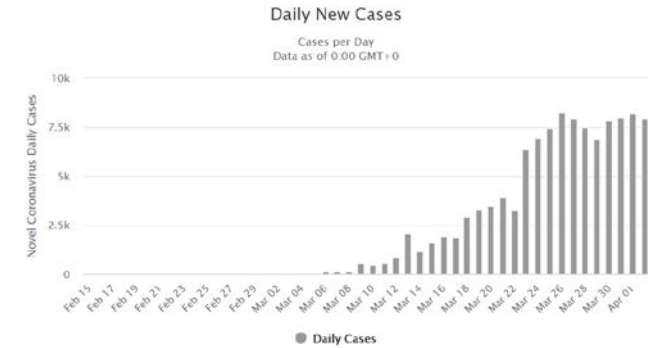
Daily New Cases in the United States



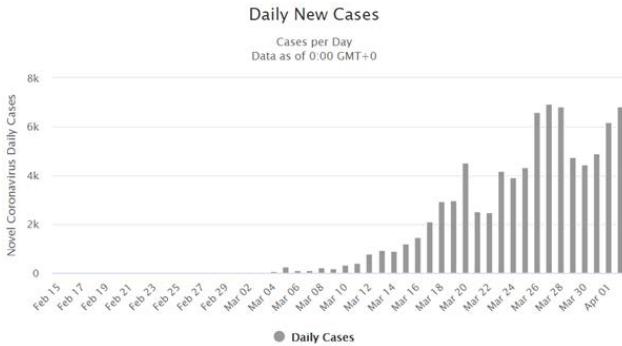
Daily New Cases in Italy



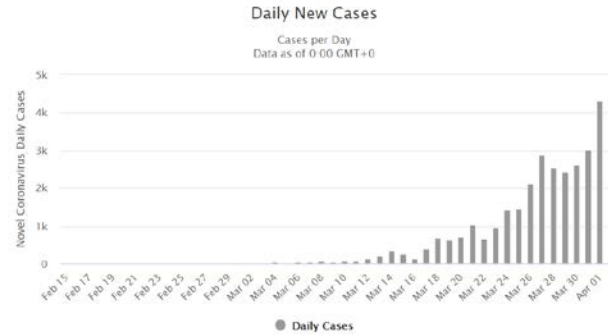
Daily New Cases in Spain



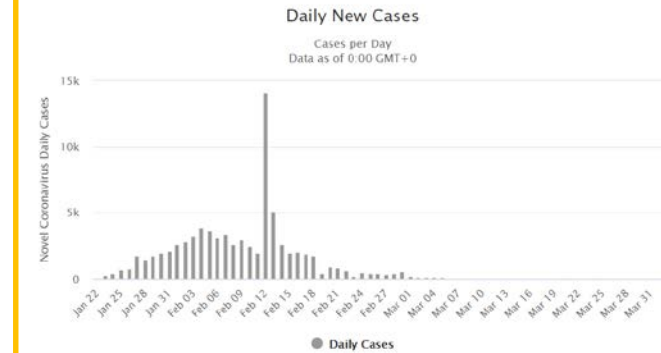
Daily New Cases in Germany



Daily New Cases in the United Kingdom



Daily New Cases in China

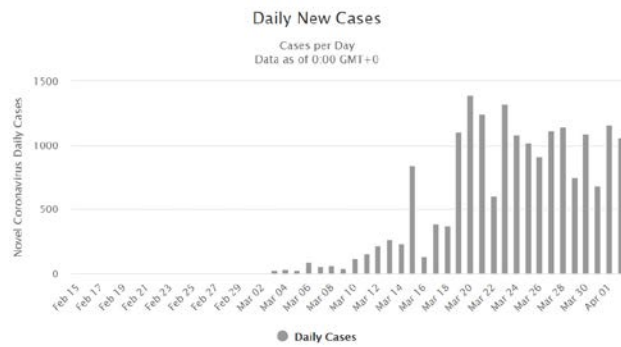


Status Quo as of 4 April 2020

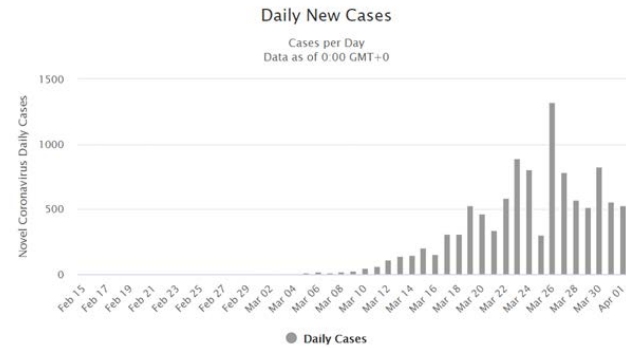
Daily new Infections.

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

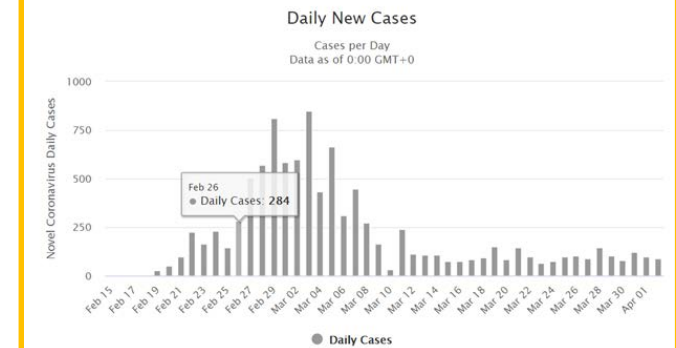
Daily New Cases in Switzerland



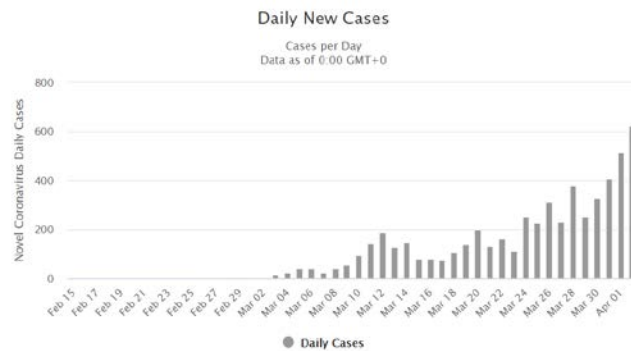
Daily New Cases in Austria



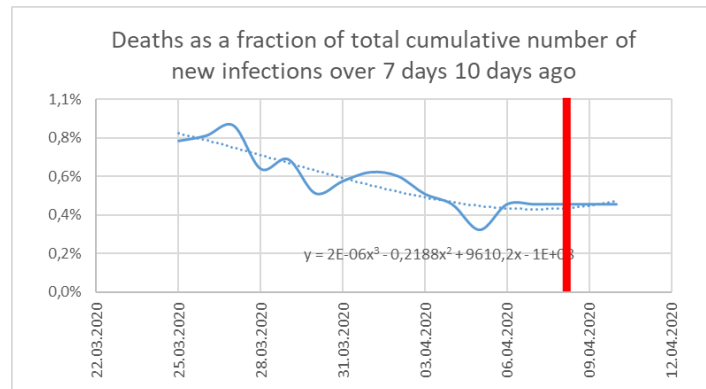
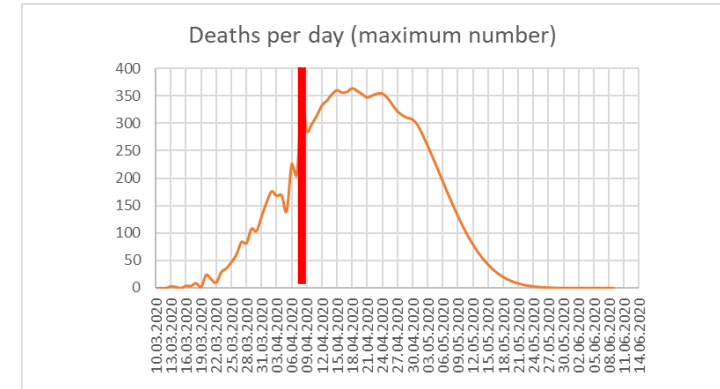
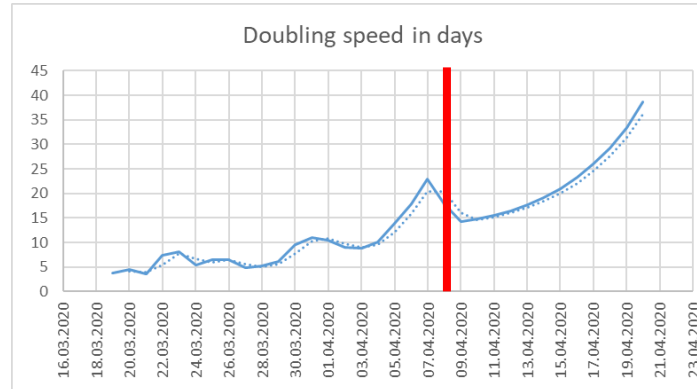
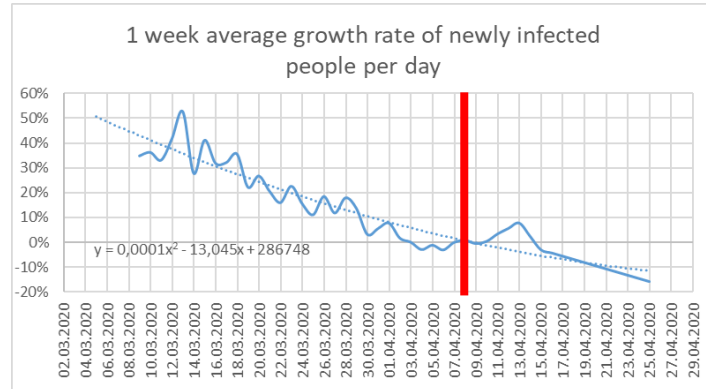
Daily New Cases in South Korea



Daily New Cases in Sweden

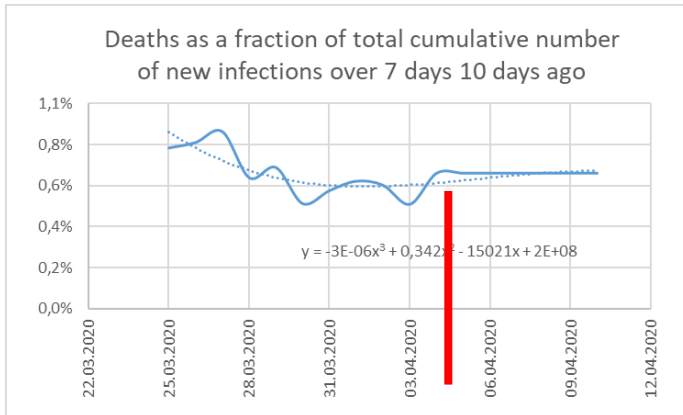
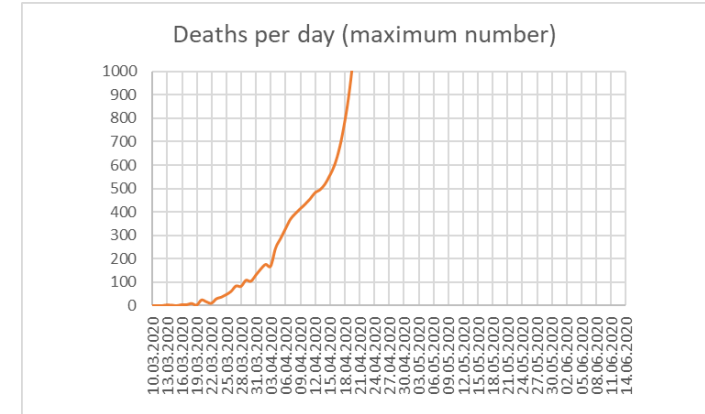
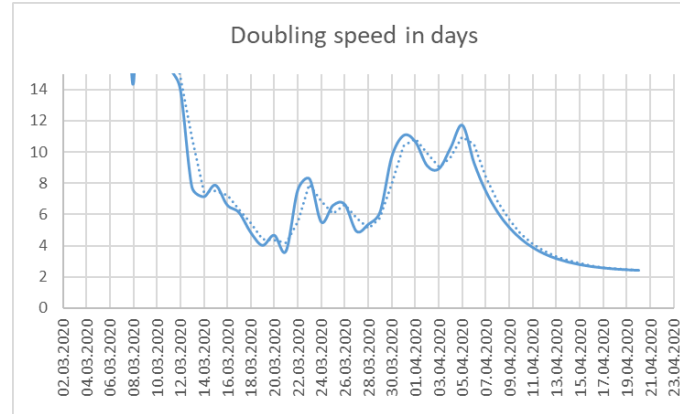
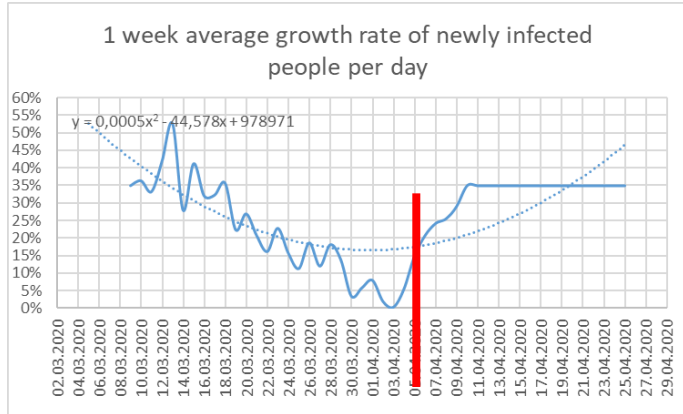


Germany with lockdown



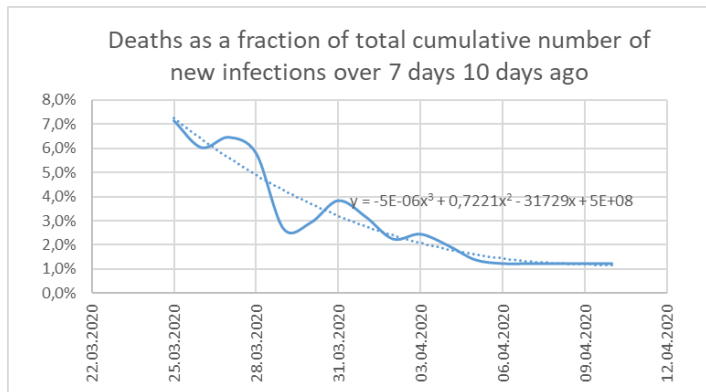
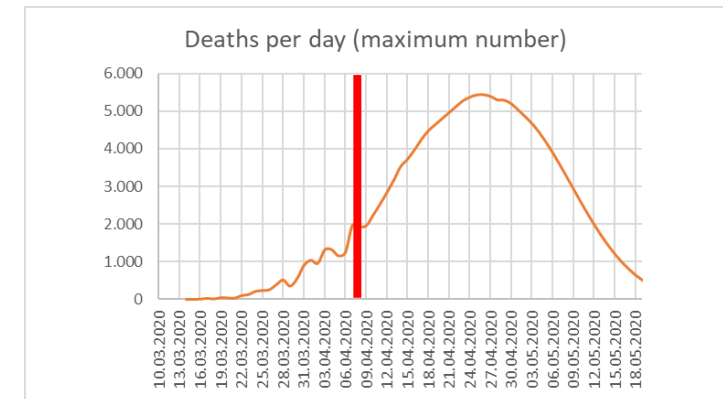
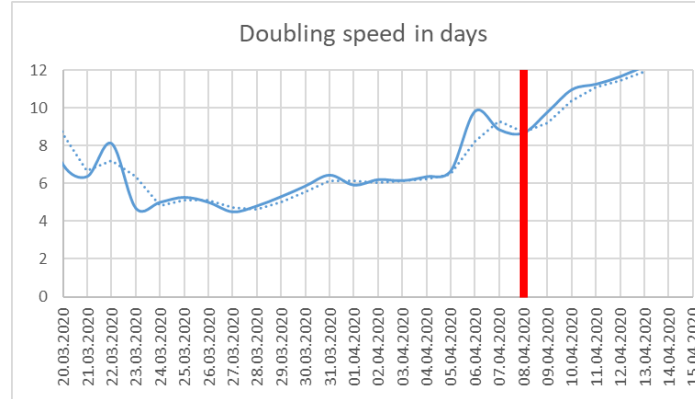
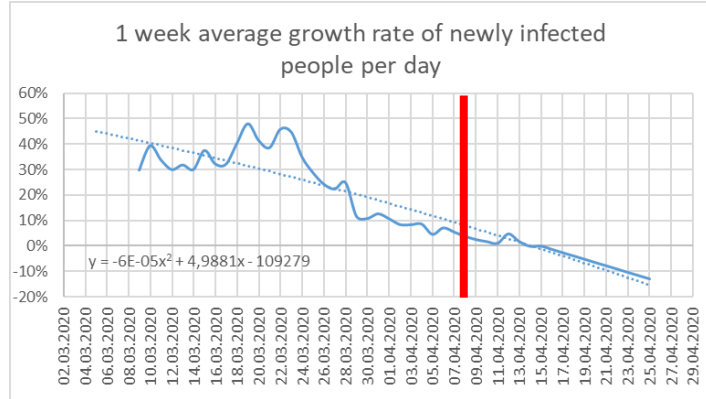
- Zero new deaths: 29 May
- Zero new infections: 14 May
- Maximum number of intensive care patients: 8 April (3.799)
- Total deaths: 12.280

Germany without lockdown



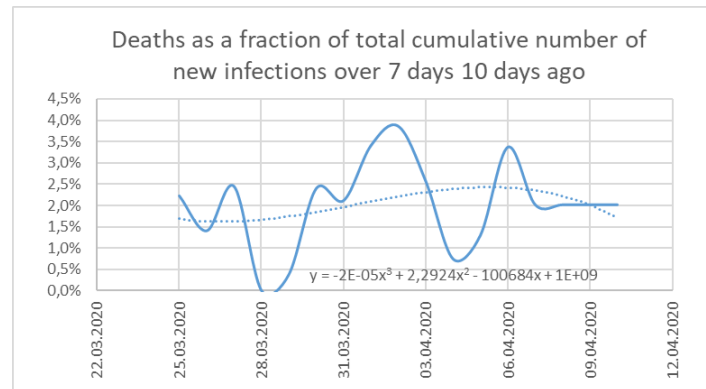
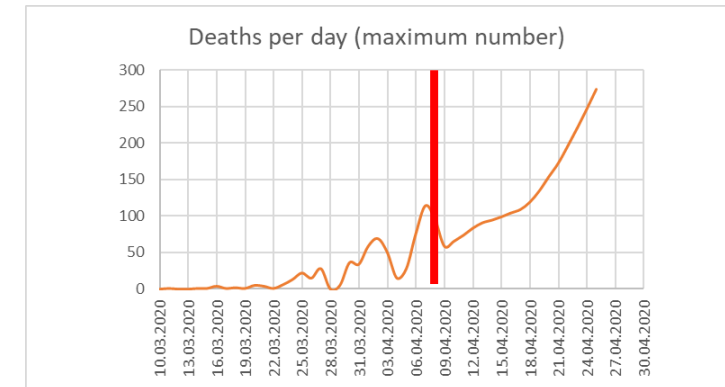
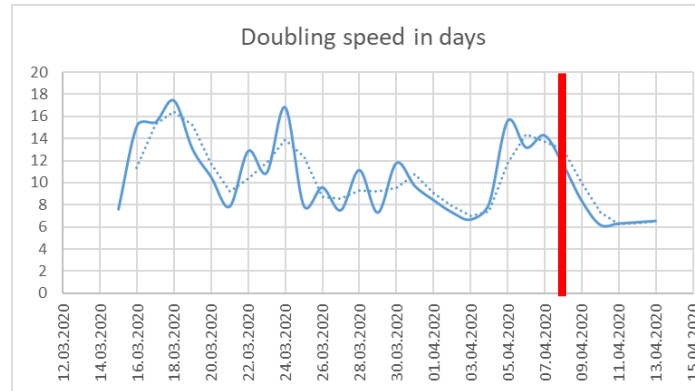
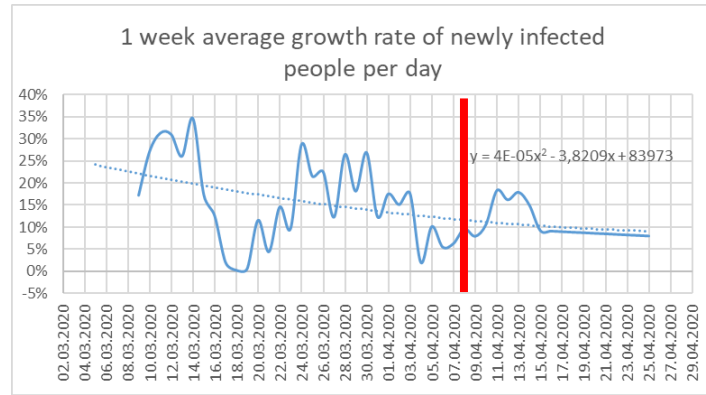
- Zero new deaths: never
- Zero new infections: never
- Maximum number of intensive care patients: depends on total infection rate
- Total deaths: depends on total infection rate

USA with lockdown



- Zero new deaths: 6 June
- Zero new infections: 19 May
- Maximum number of intensive care patients: 16 April (22.080)
- Total deaths: 162.548

Sweden with lockdown.



- Virus will never be wiped out

End of lockdowns and total number of deaths

Updated on April 08, 2020

Country	Date of lockdown	Type	New infections 0 End of lockdown	Expected total number of corona deaths (approx.)
China:	29 January	lockdown in Wuhan	28 March	3.333
Italy:	09 March	full lockdown	15 May	30.000
Spain:	14 March	nationwide quarantine	02 May	40.000
Austria:	16 March	full lockdown	30 April	< 1.000
Switzerland:	19 March	full lockdown	02 May	2.500
Germany:	20 March	full lock-down in Bavaria, the rest on 23 March	14 May	10.000
UK:	30 March	full lockdown	31 May	100.000
Sweden:	-	mostly voluntary measures	-	Virus will never be wiped out
USA:	19 March	full lockdown	19 May	200.000