Covid-19 evolution, North America (data from JHU CSSE, 6/2/20)

Total number of confirmed

confirmed by day \(\frac{\Delta \text{confirmed}}{\Delta t}\)

Total number of confirmed (log scale)

confirmed by day \(\frac{\Delta \text{confirmed}}{\Delta t}\) (log scale)

Growth rate (%) of confirmed \(\frac{\Delta \text{confirmed}}{\Delta t}\)

Acceleration of confirmed \(\frac{\Delta^2 \text{confirmed}}{\Delta t^2}\)

doubles every 6 days
doubles every 7 days
doubles every 8 days
doubles every 9 days
doubles every 10 days
doubles every 15 days
doubles every 30 days