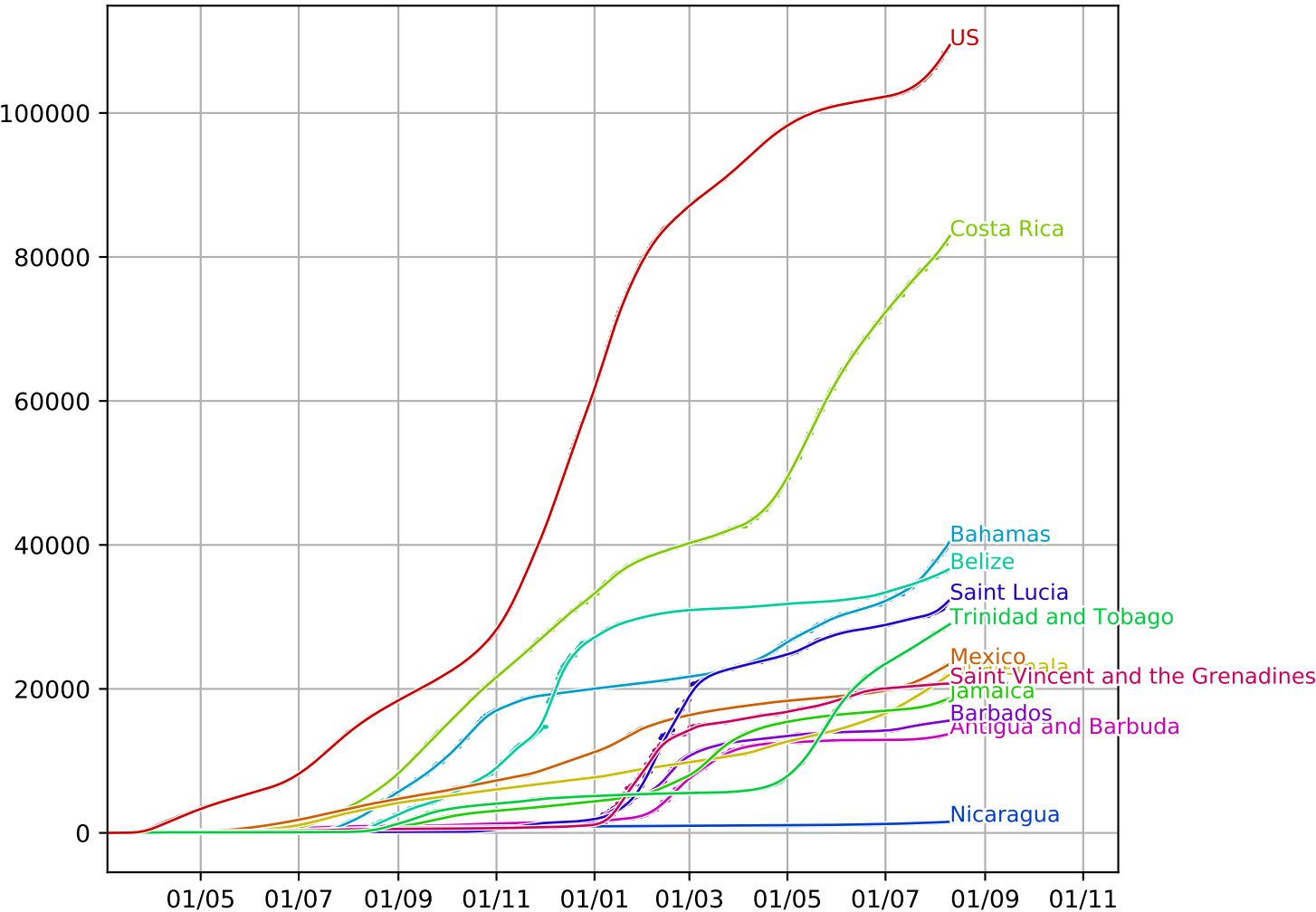
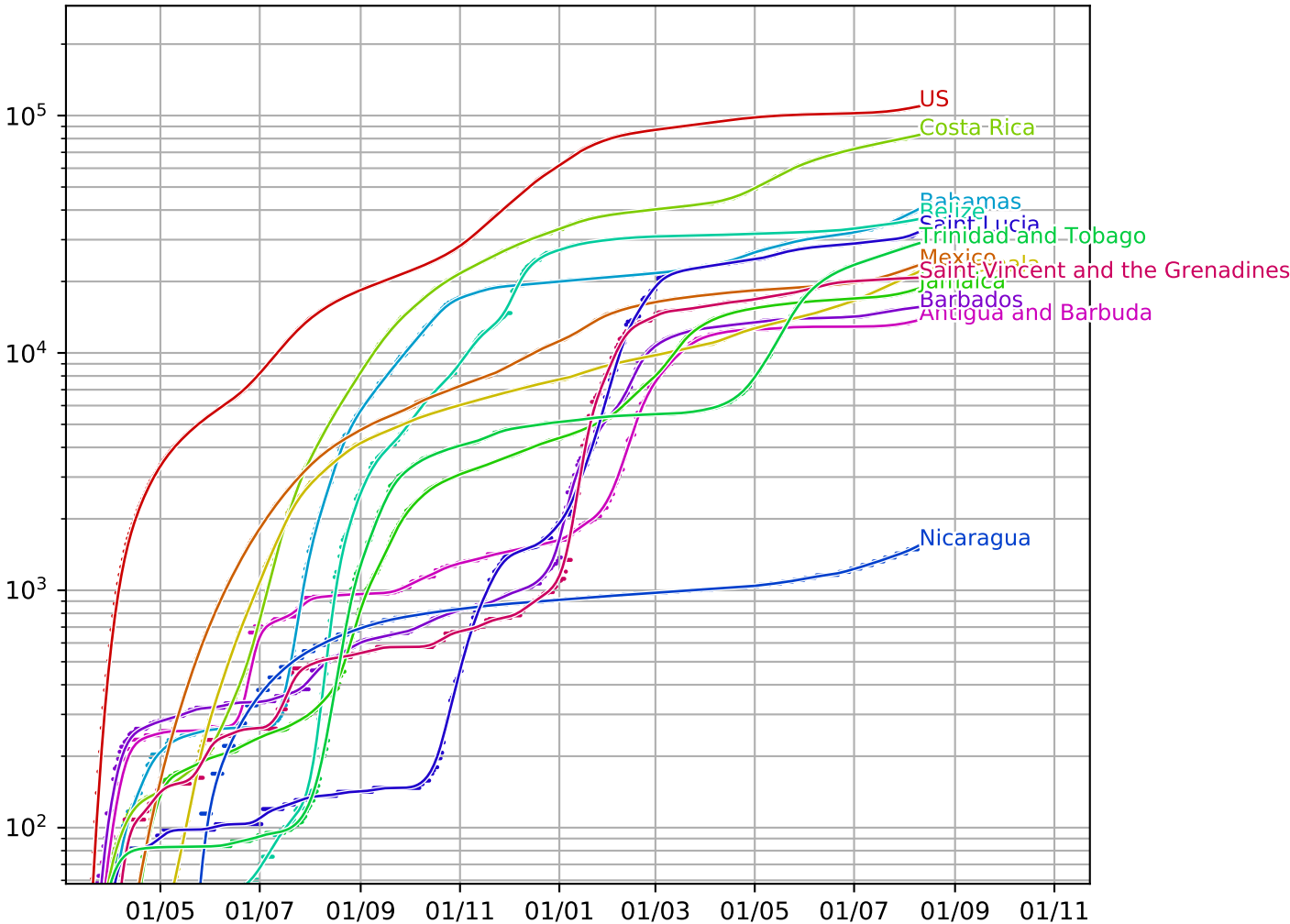


Covid-19 evolution, North America (data from JHU CSSE, 8/10/21)

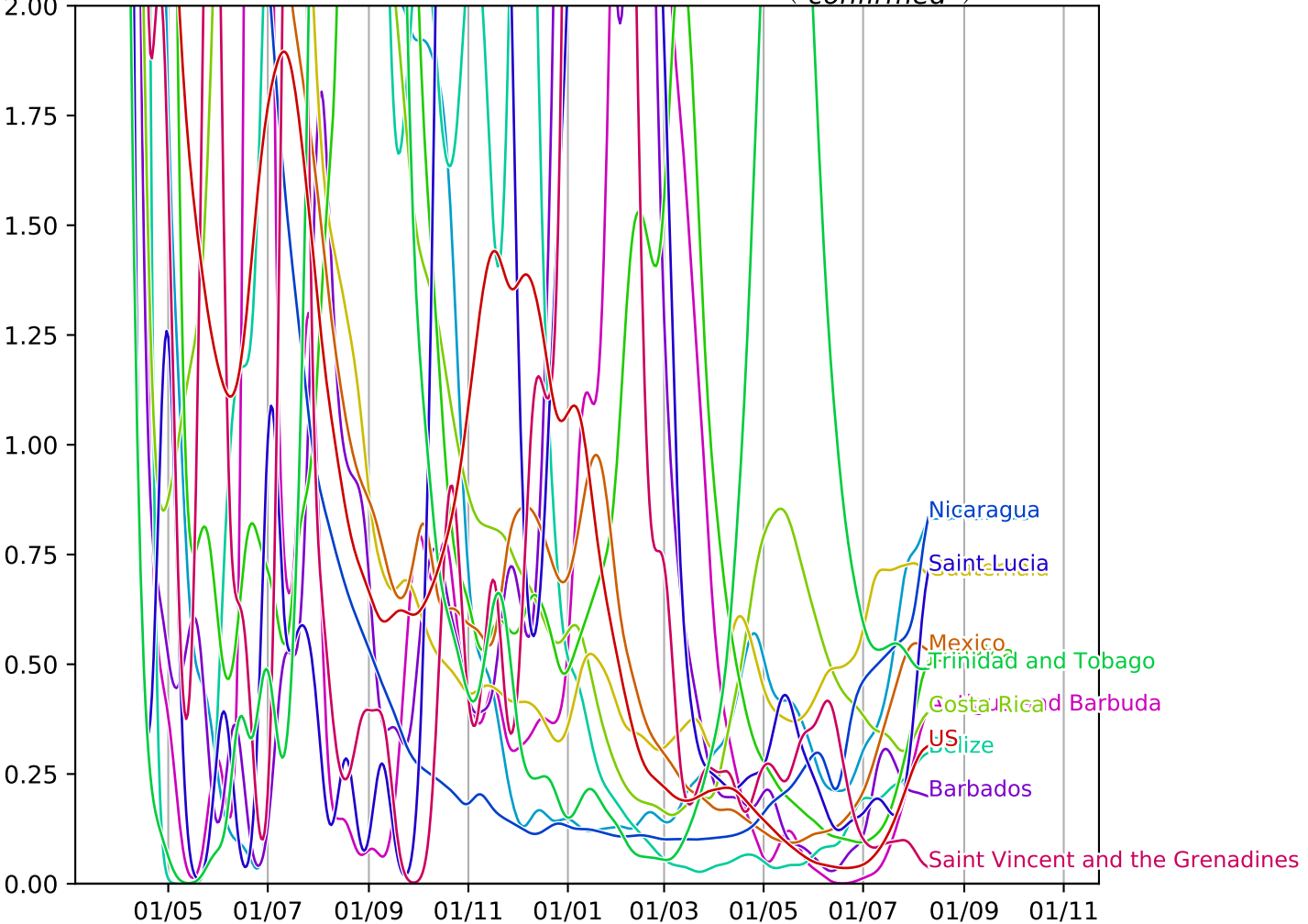
Total number of confirmed for  $10^6$  people



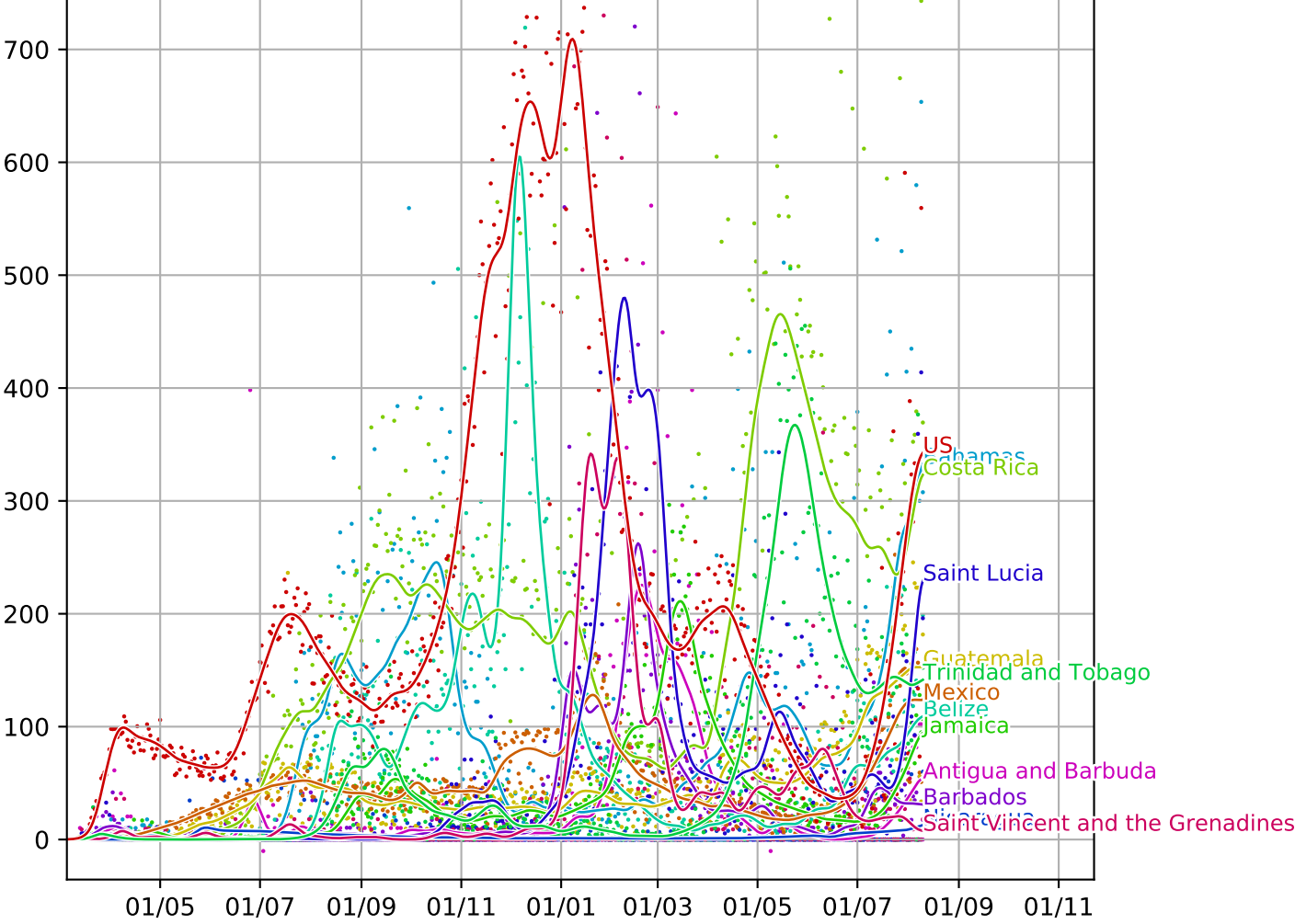
Total number of confirmed for  $10^6$  people (log scale)



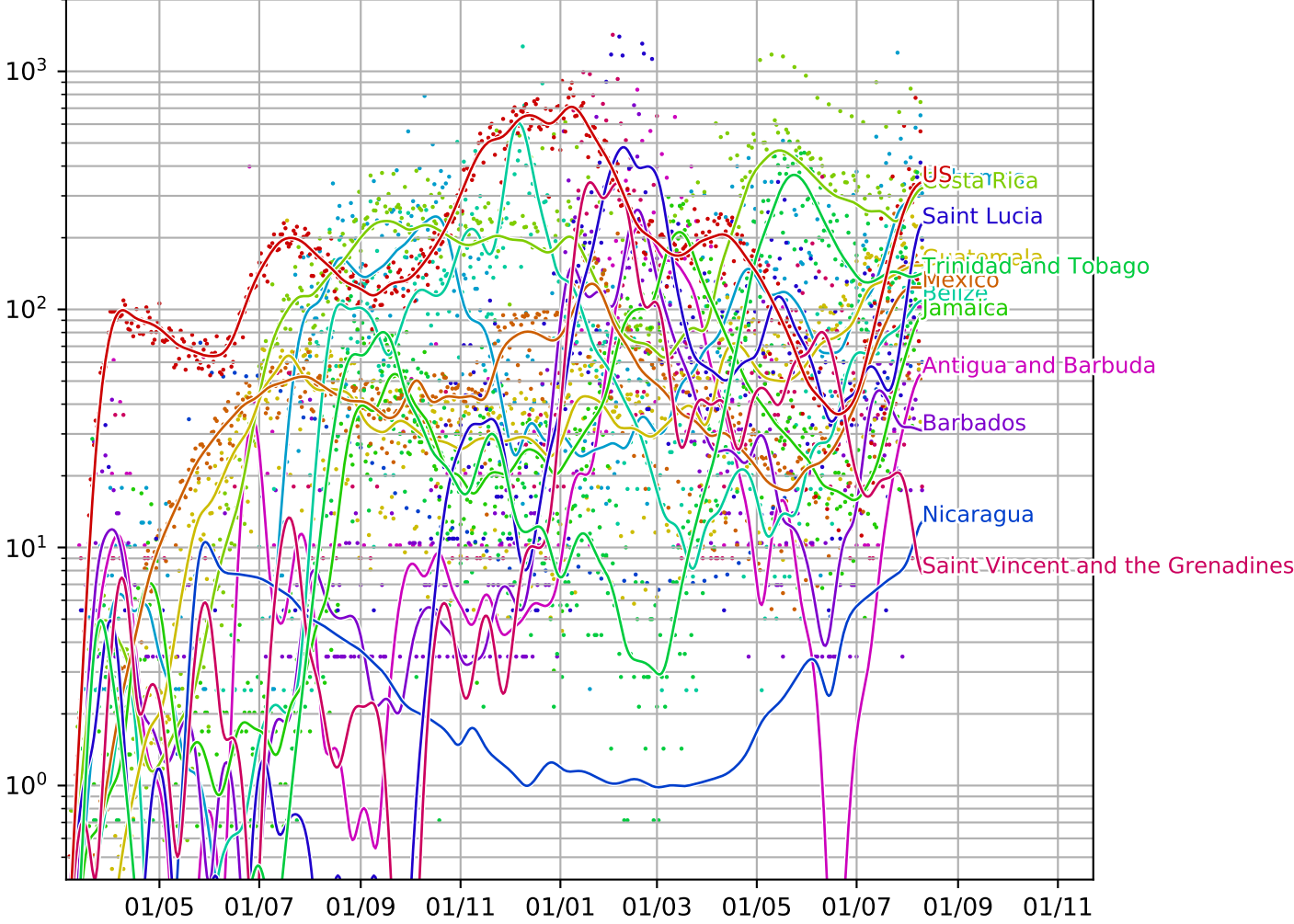
Growth rate (%) of confirmed ( $\frac{\Delta \text{confirmed}}{\text{confirmed}}$ )



confirmed by day for  $10^6$  people ( $\frac{\Delta \text{confirmed}}{\Delta t} \cdot \frac{10^6}{\text{population}}$ )



confirmed by day for  $10^6$  people ( $\frac{\Delta \text{confirmed}}{\Delta t} \cdot \frac{10^6}{\text{population}}$ ) (log scale)



Acceleration of confirmed for  $10^6$  people ( $\frac{\Delta^2 \text{confirmed}}{(\Delta t)^2} \cdot \frac{10^6}{\text{population}}$ )

