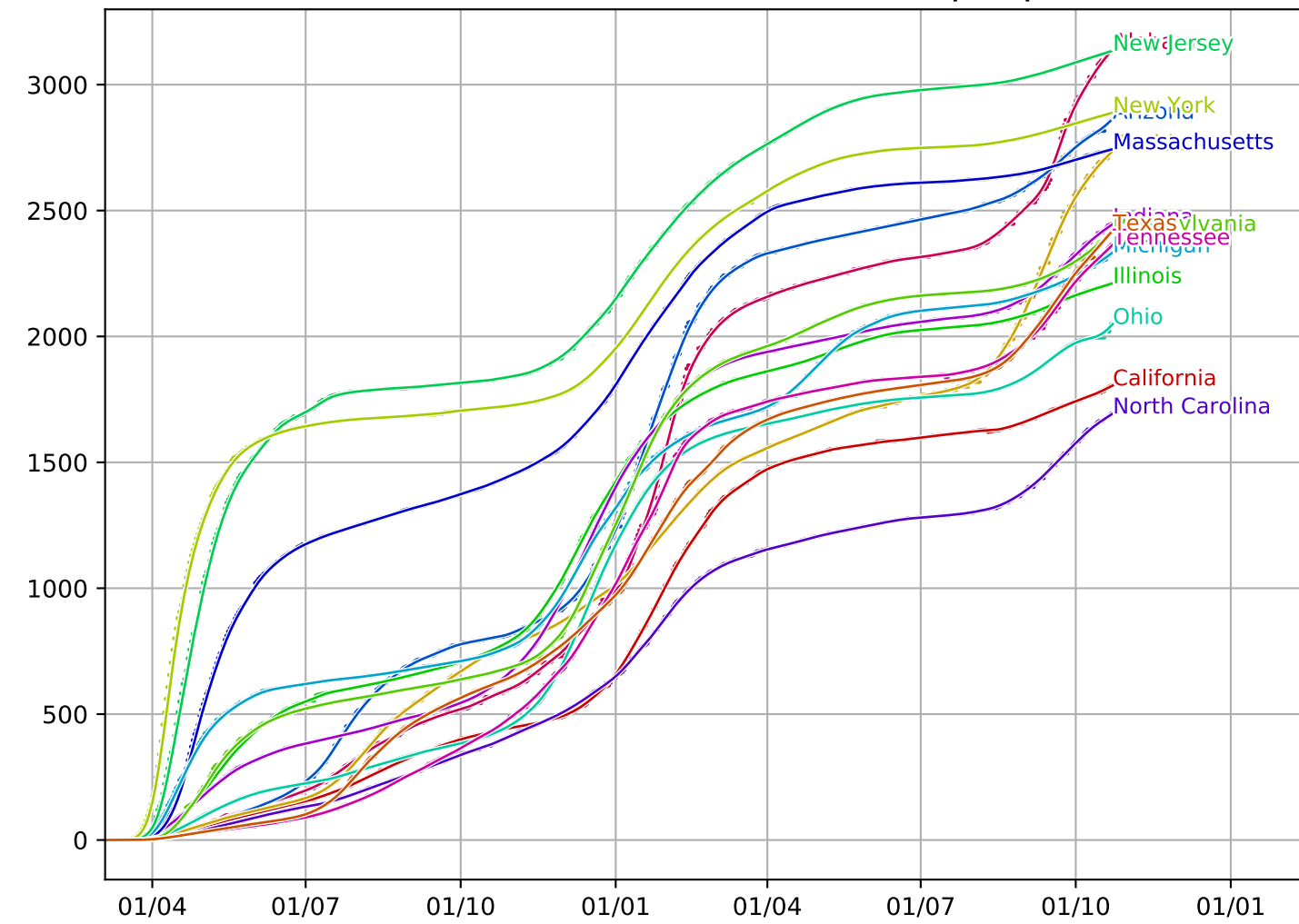
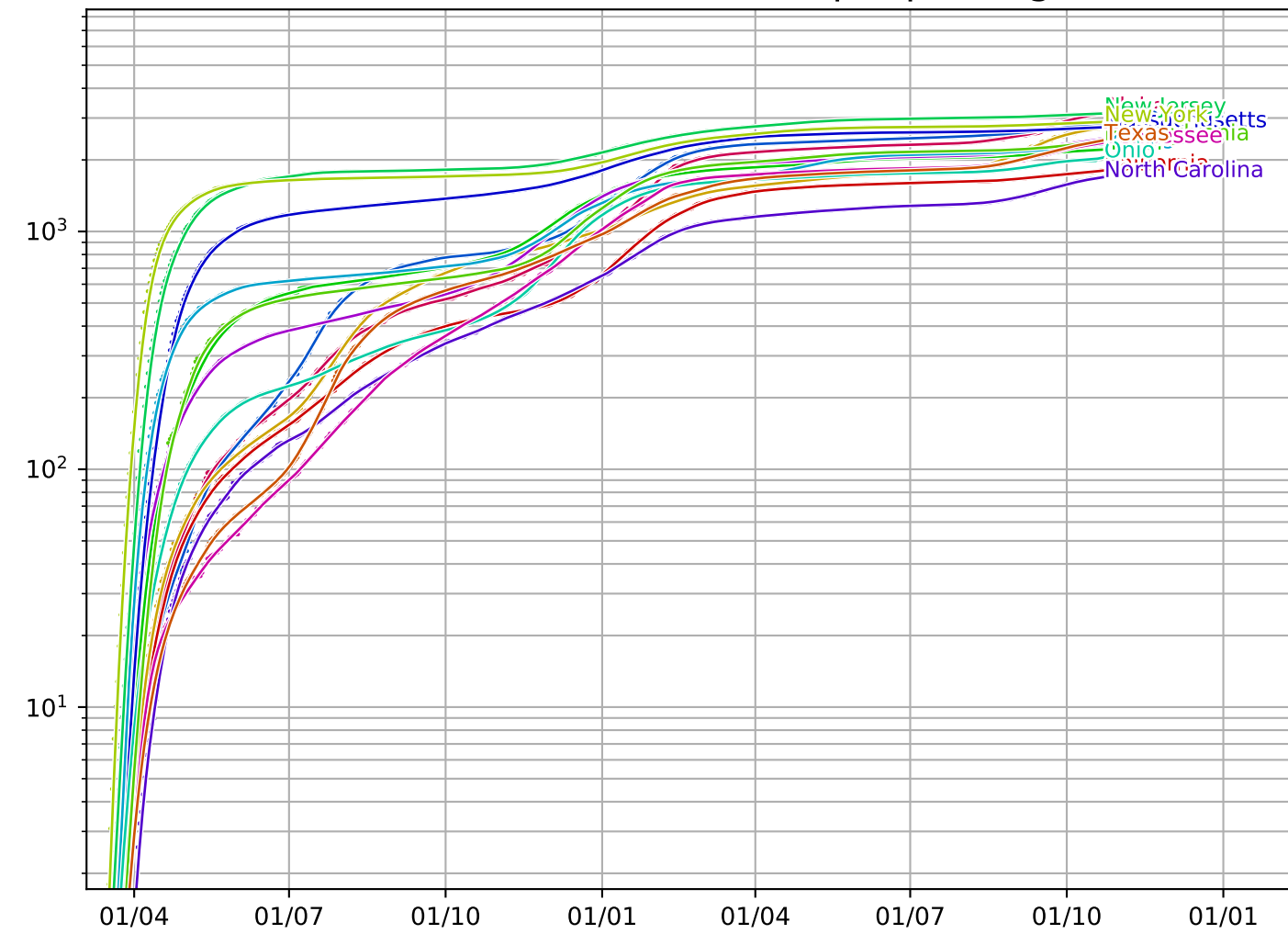


# Covid-19 evolution, United States (data from JHU CSSE, 10/23/21)

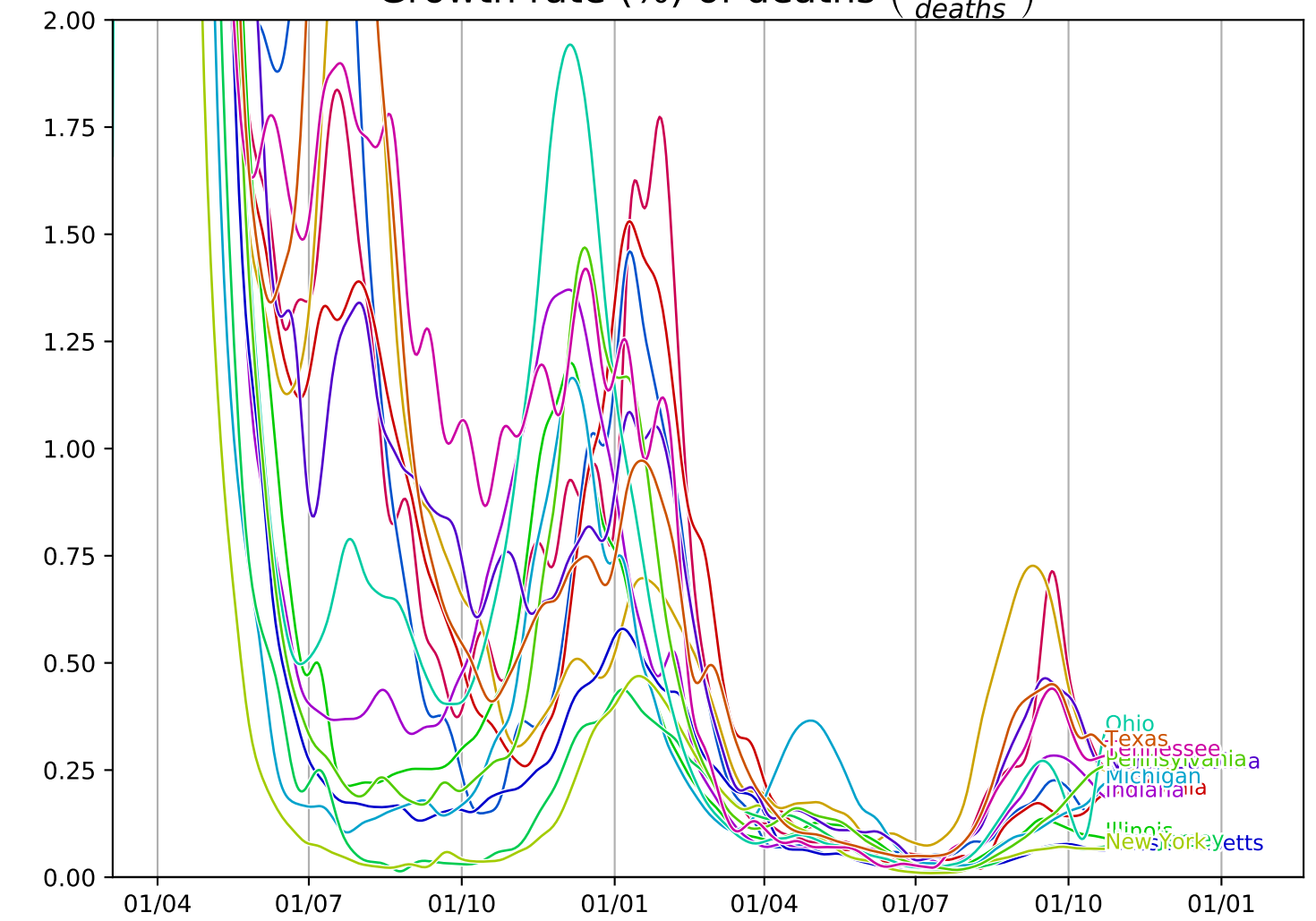
Total number of deaths for  $10^6$  people



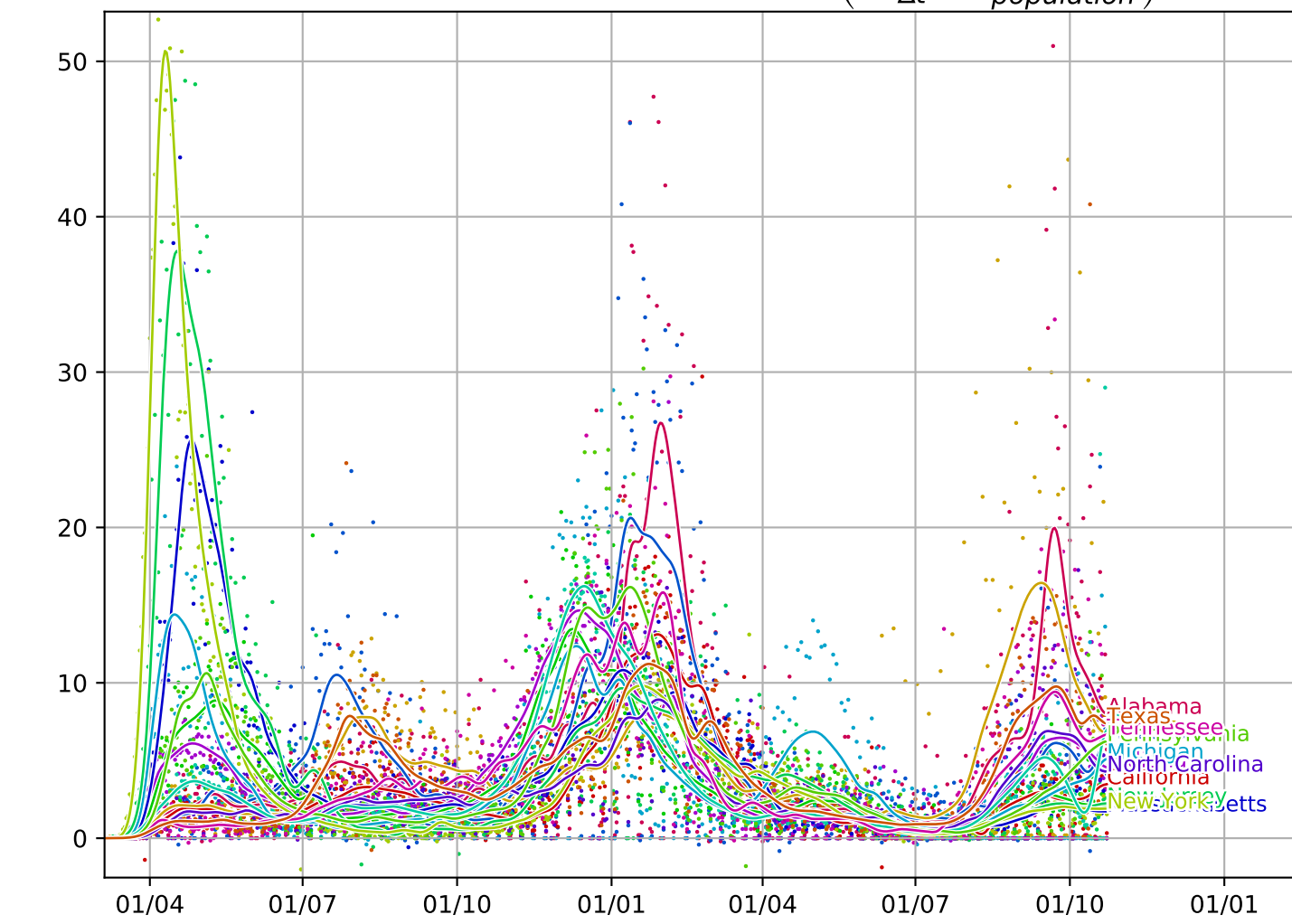
Total number of deaths for  $10^6$  people (log scale)



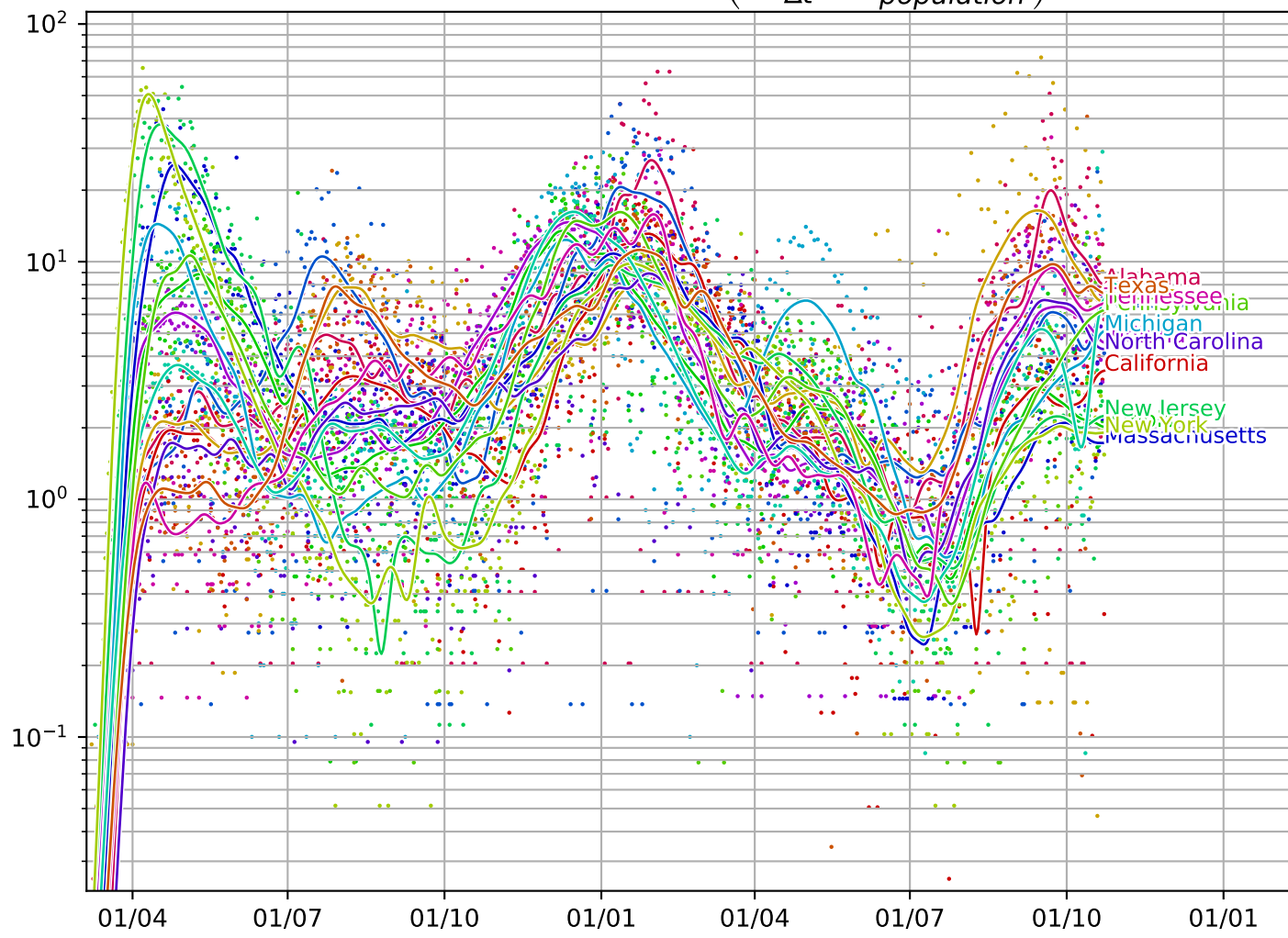
Growth rate (%) of deaths ( $\frac{\Delta \text{deaths}}{\text{deaths}}$ )



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



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



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

