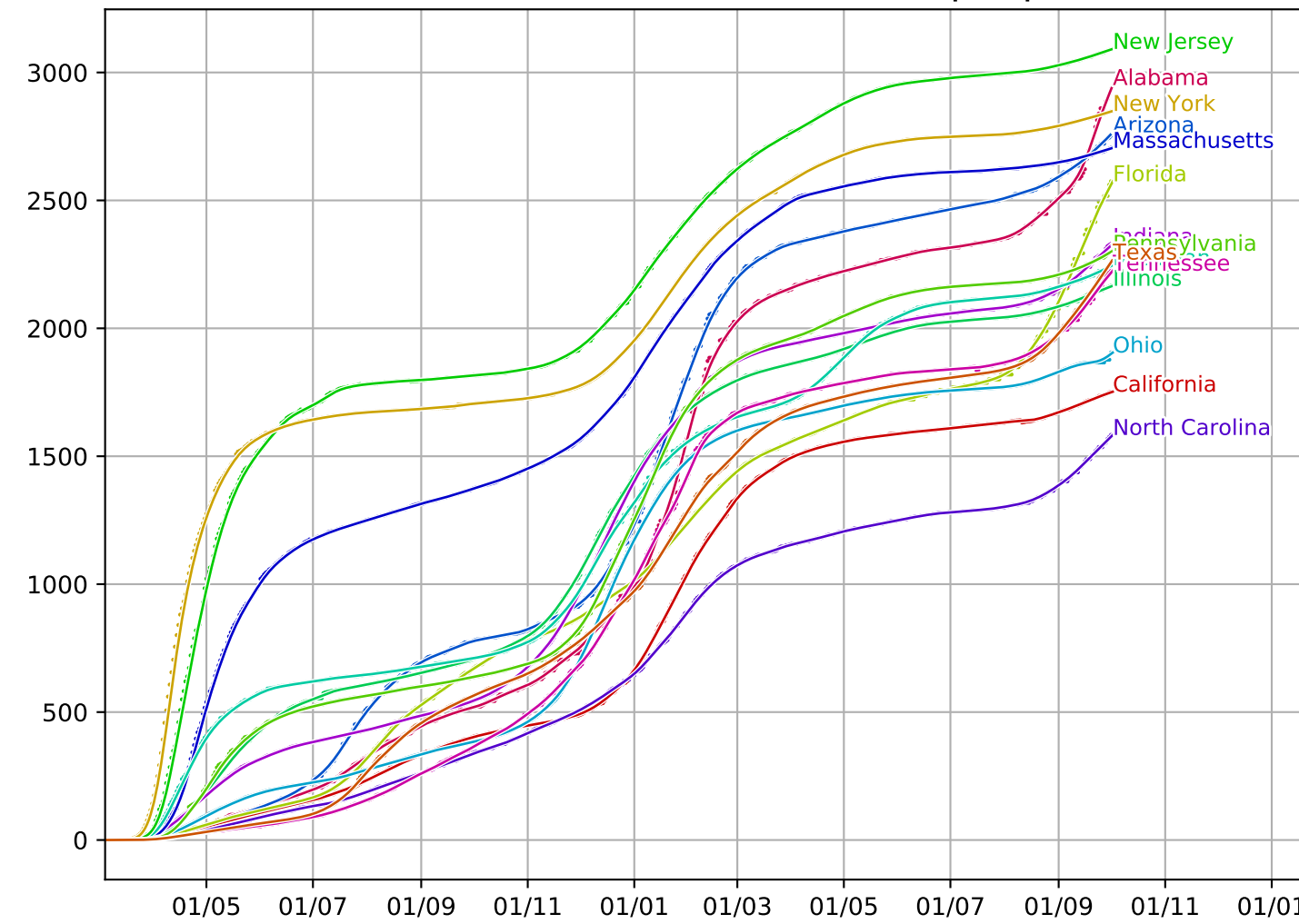
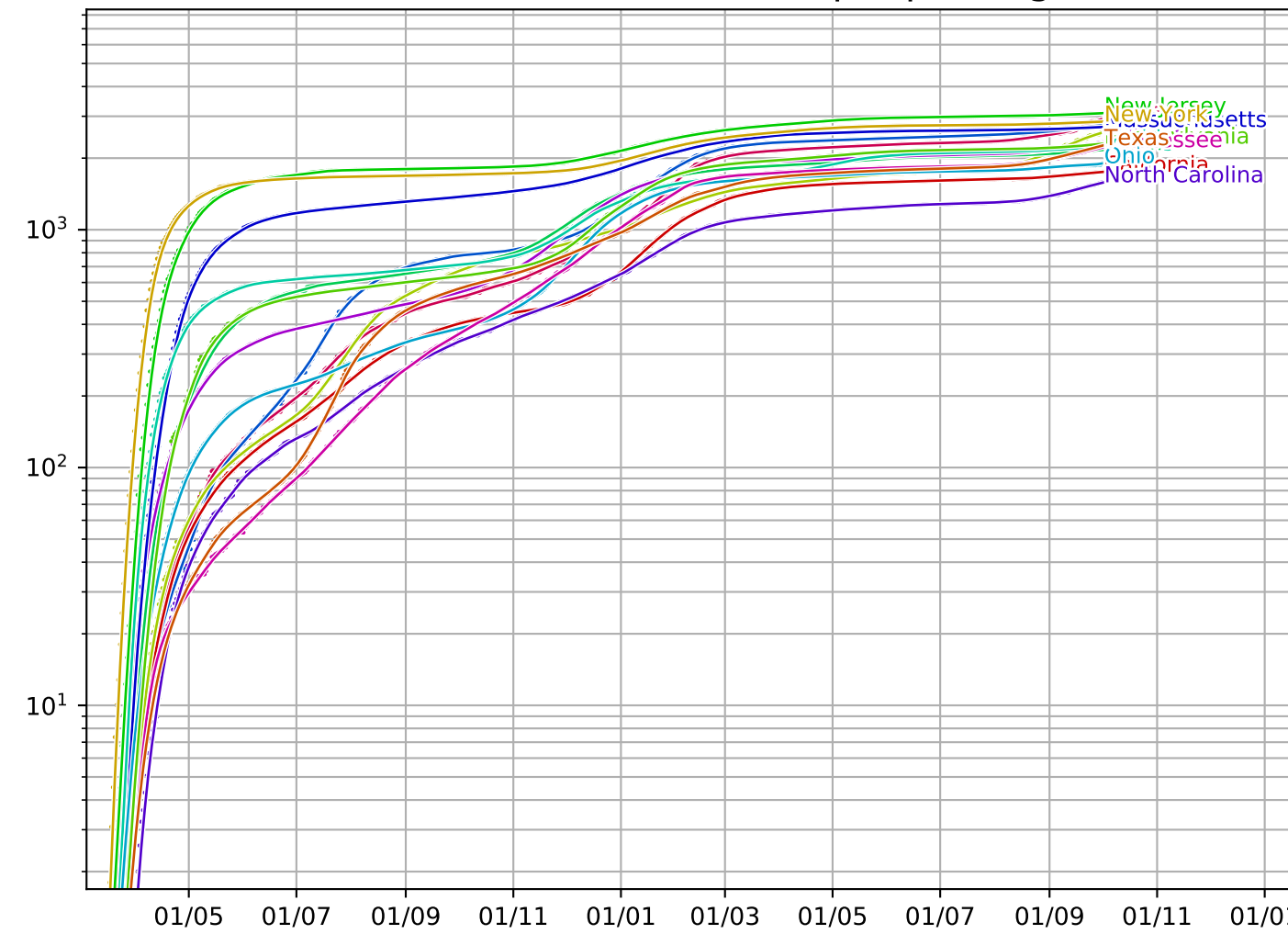


# Covid-19 evolution, United States (data from JHU CSSE, 10/2/21)

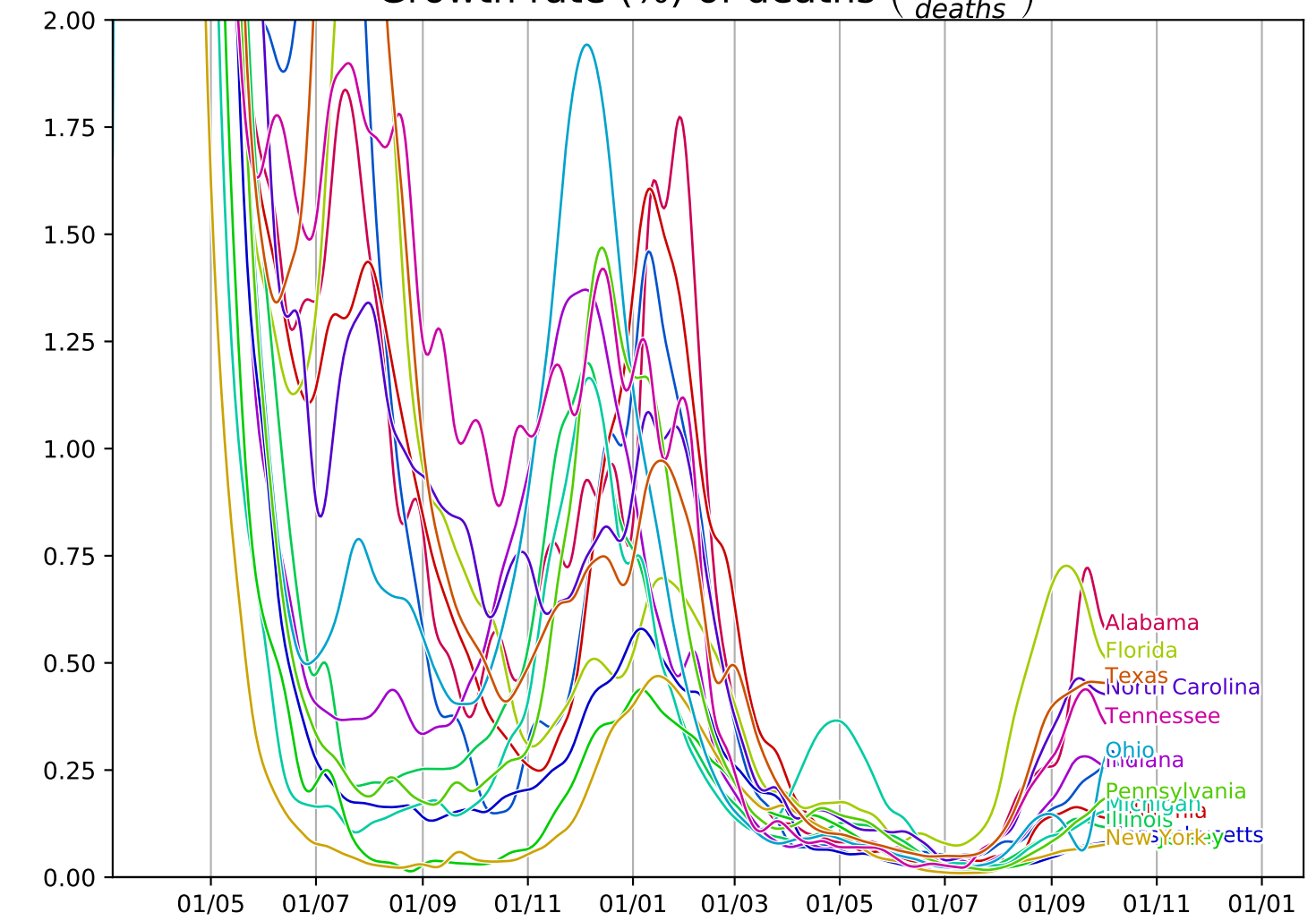
## Total number of deaths for 10<sup>6</sup> people



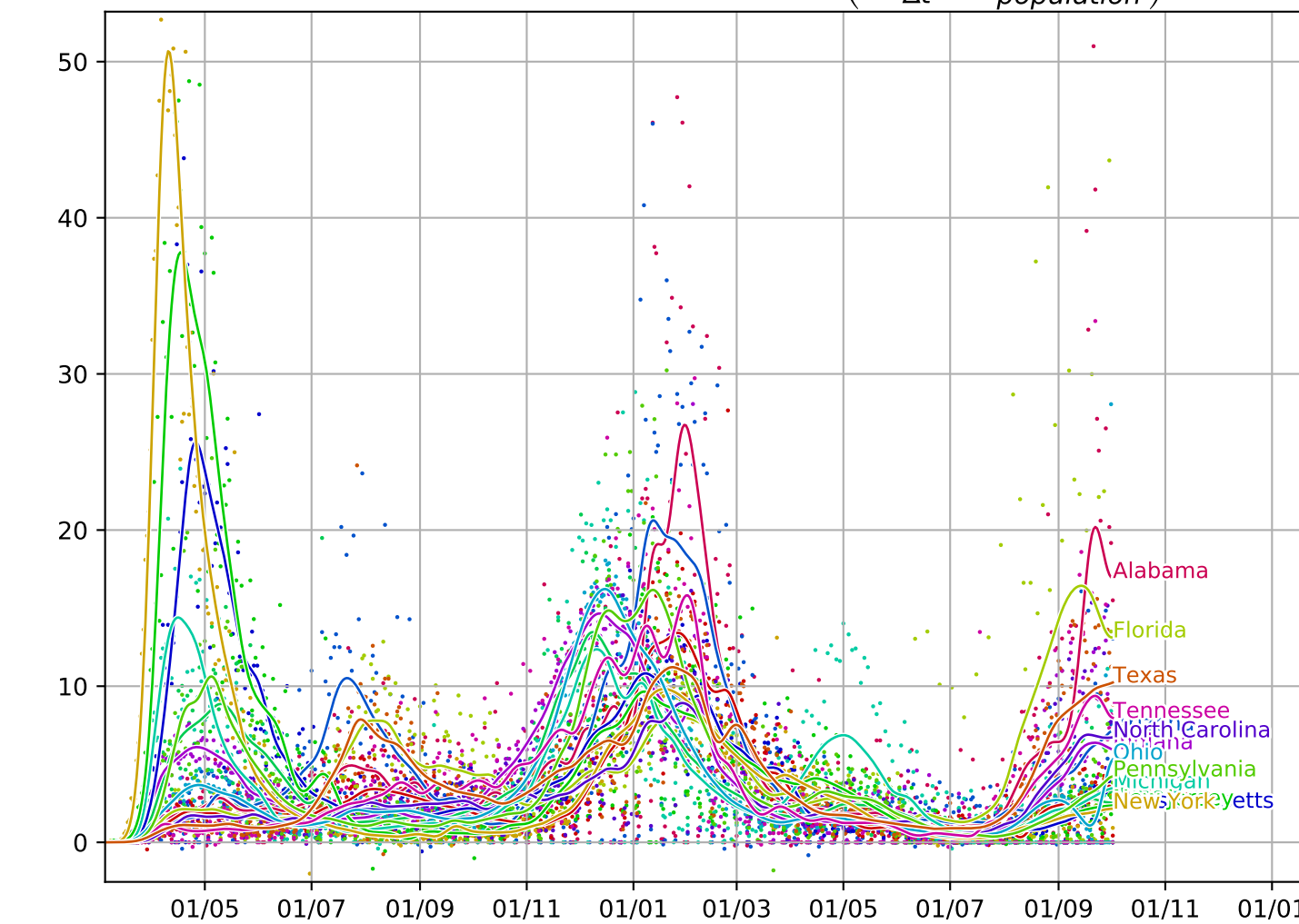
## Total number of deaths for 10<sup>6</sup> people (log scale)



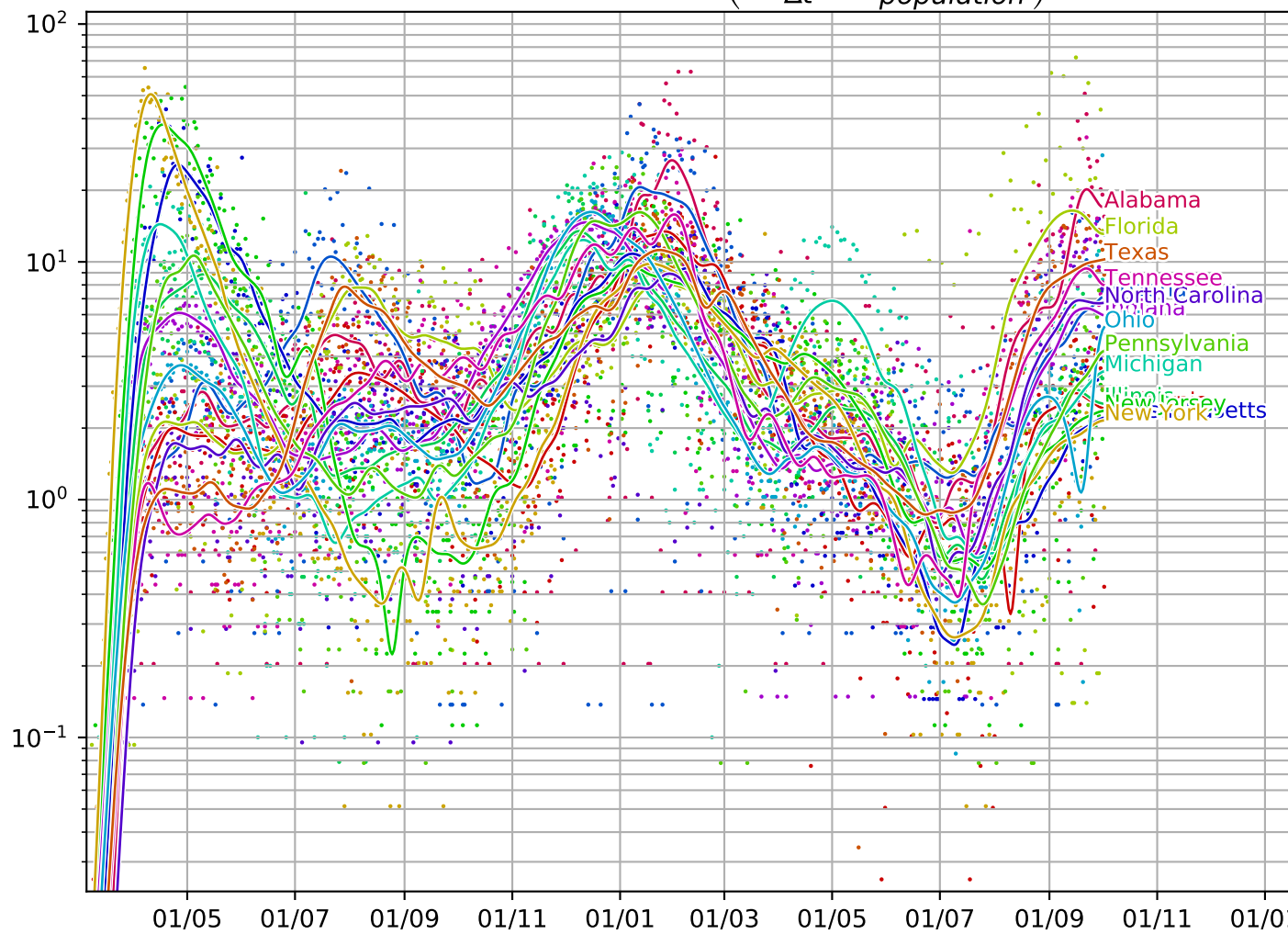
## Growth rate (%) of deaths ( $\frac{\Delta \text{deaths}}{\text{deaths}}$ )



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



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



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

