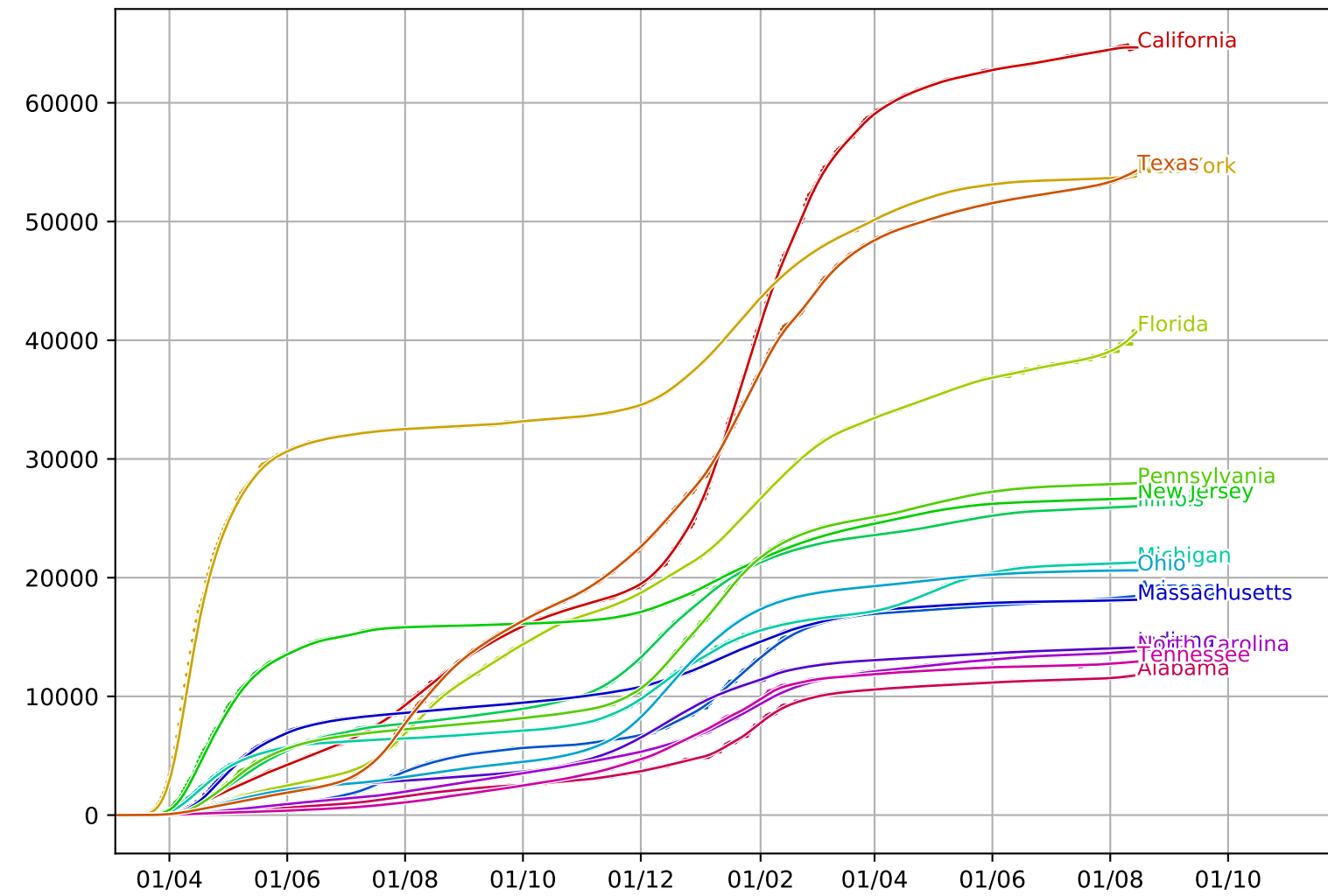
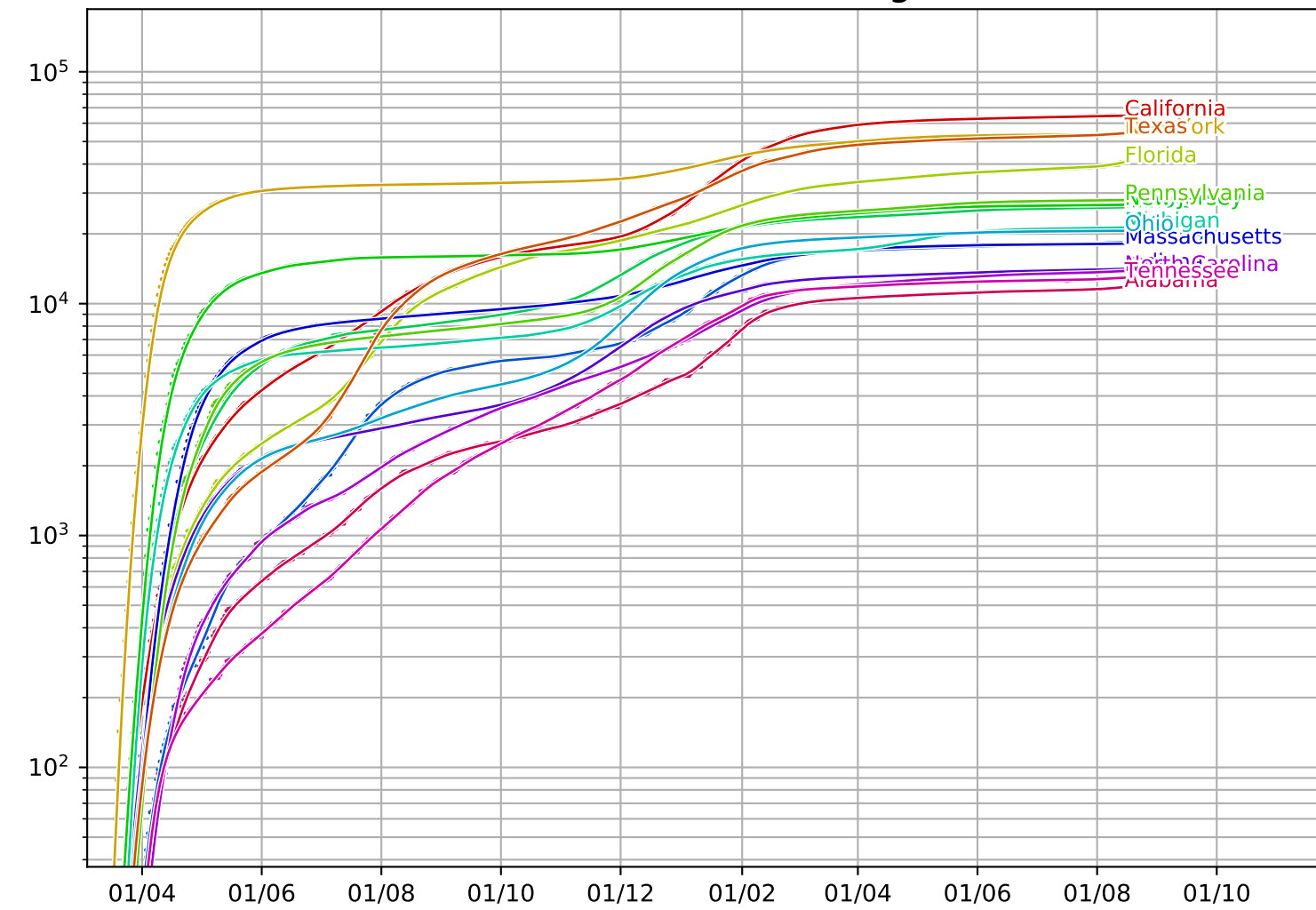


# Covid-19 evolution, United States (data from JHU CSSE, 8/15/21)

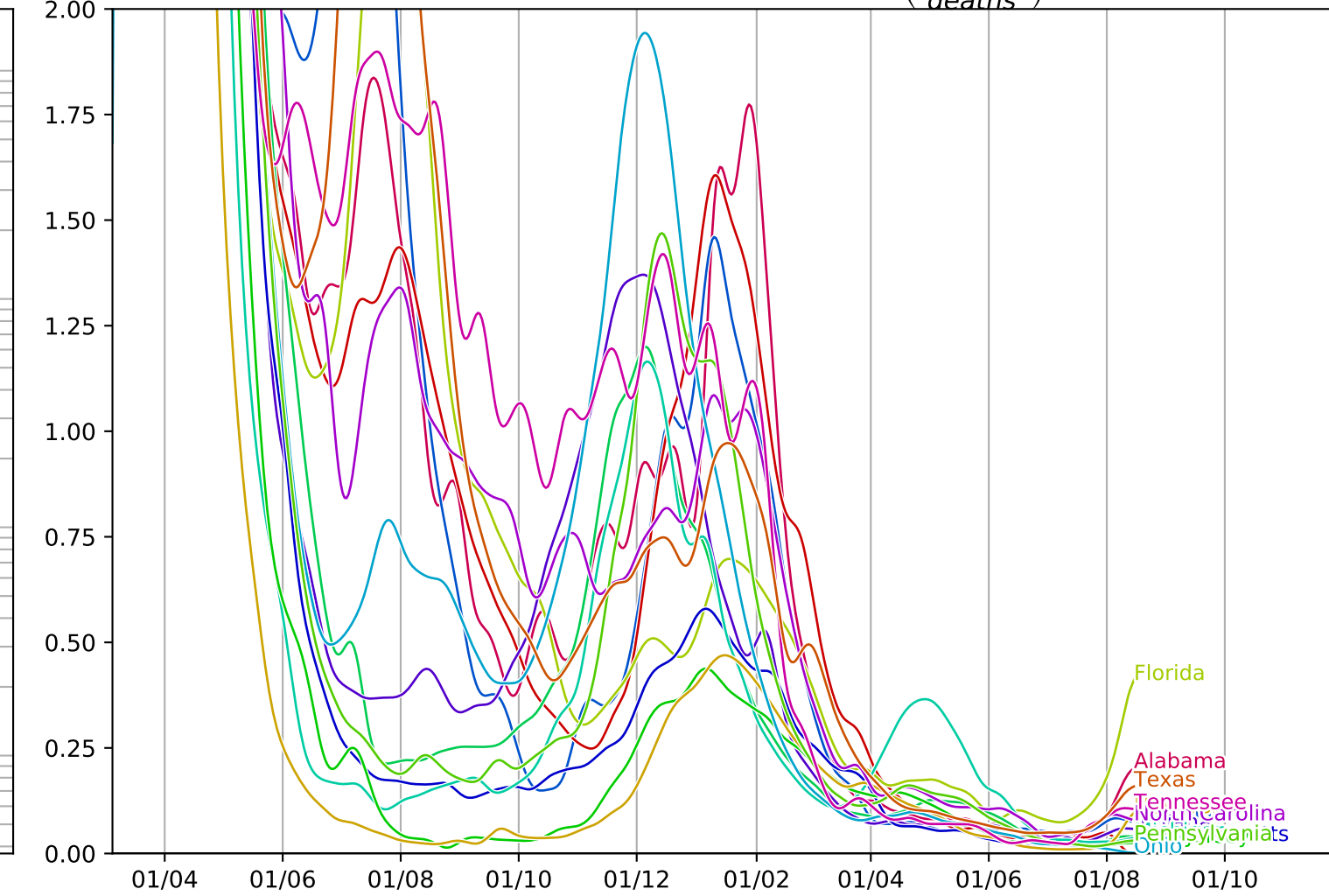
## Total number of deaths



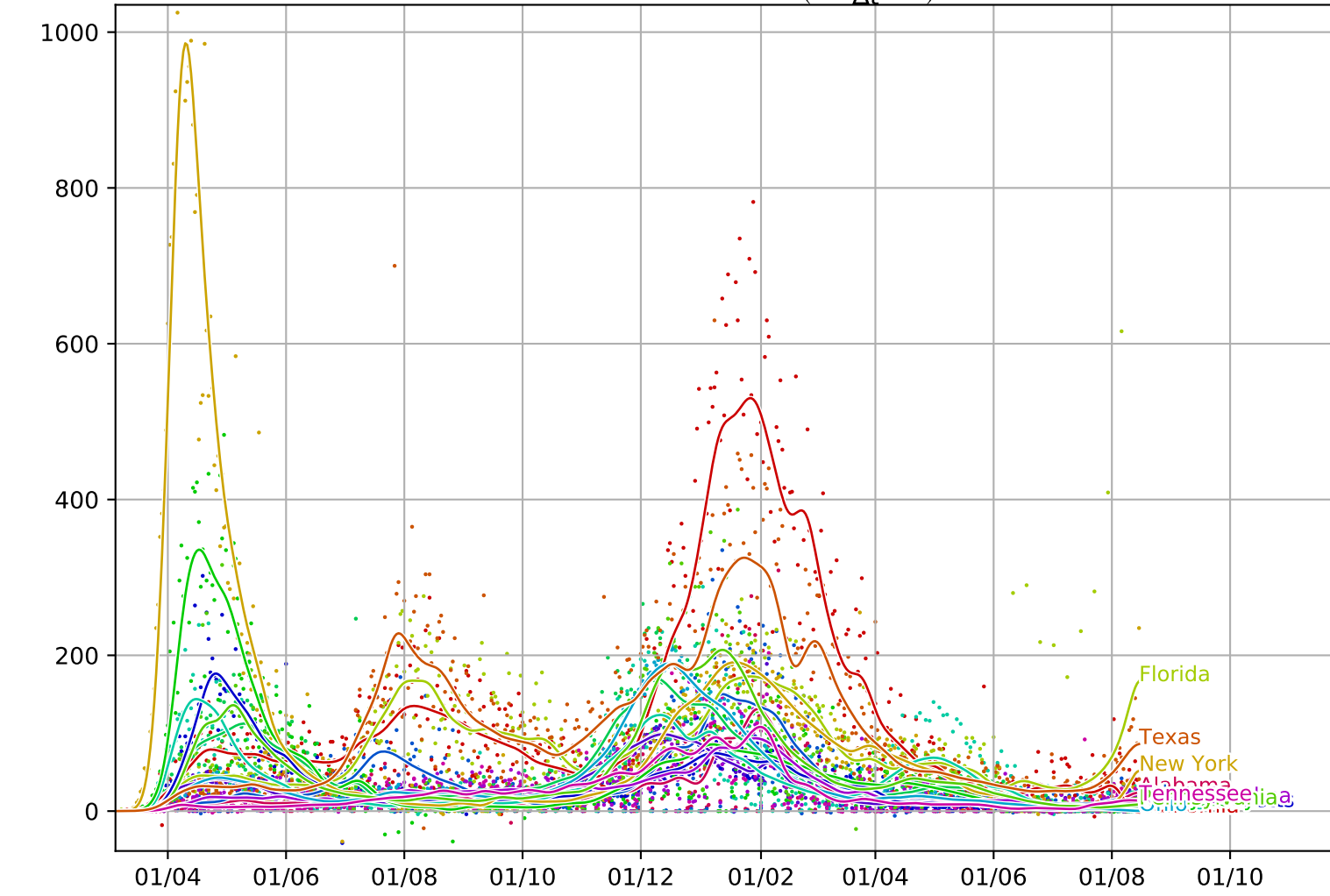
## Total number of deaths (log scale)



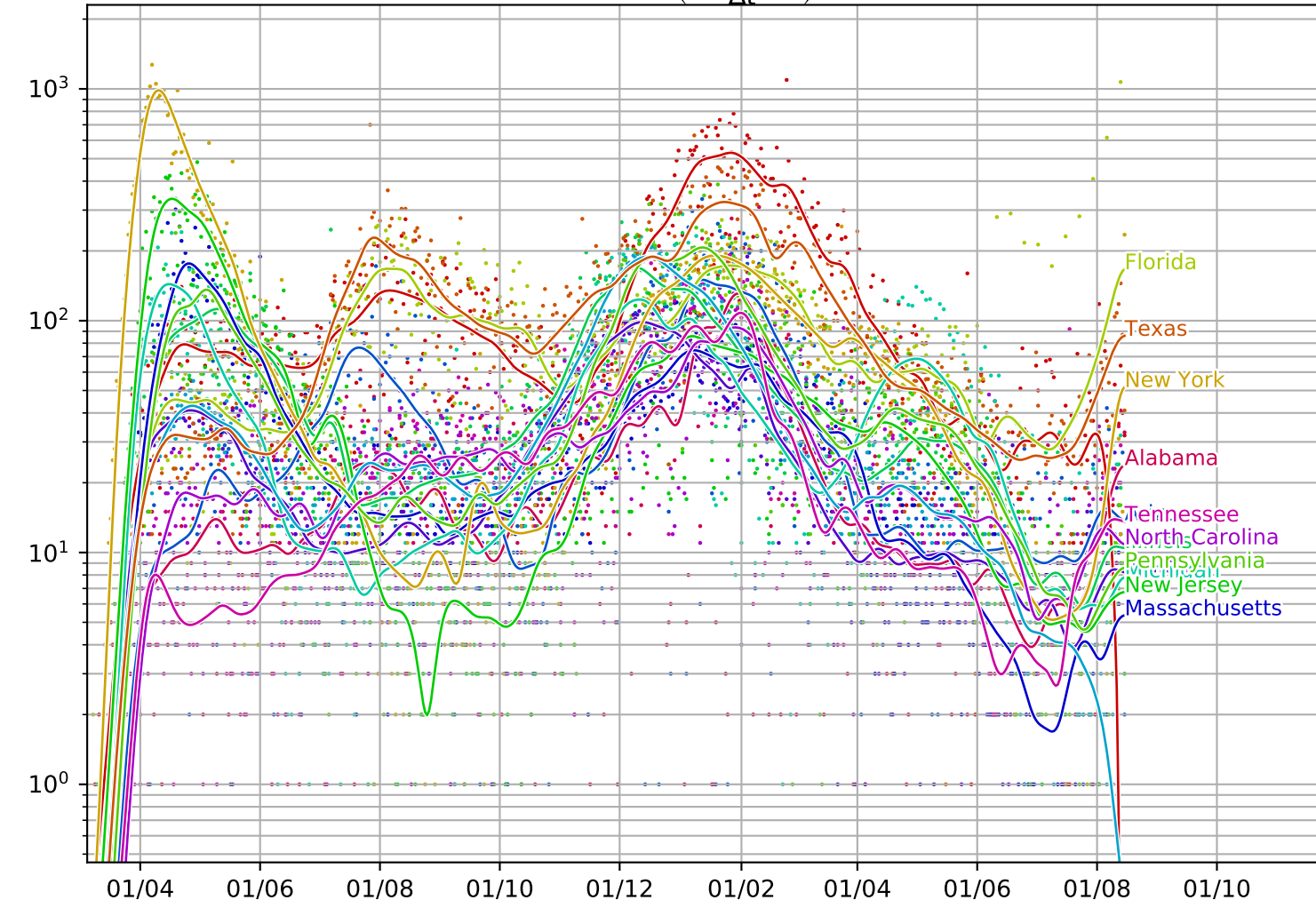
## Growth rate (%) of deaths ( $\frac{\Delta \text{deaths}}{\text{deaths}}$ )



## deaths by day ( $\frac{\Delta \text{deaths}}{\Delta t}$ )



## deaths by day ( $\frac{\Delta \text{deaths}}{\Delta t}$ ) (log scale)



## Acceleration of deaths ( $\frac{\Delta^2 \text{deaths}}{(\Delta t)^2}$ )

