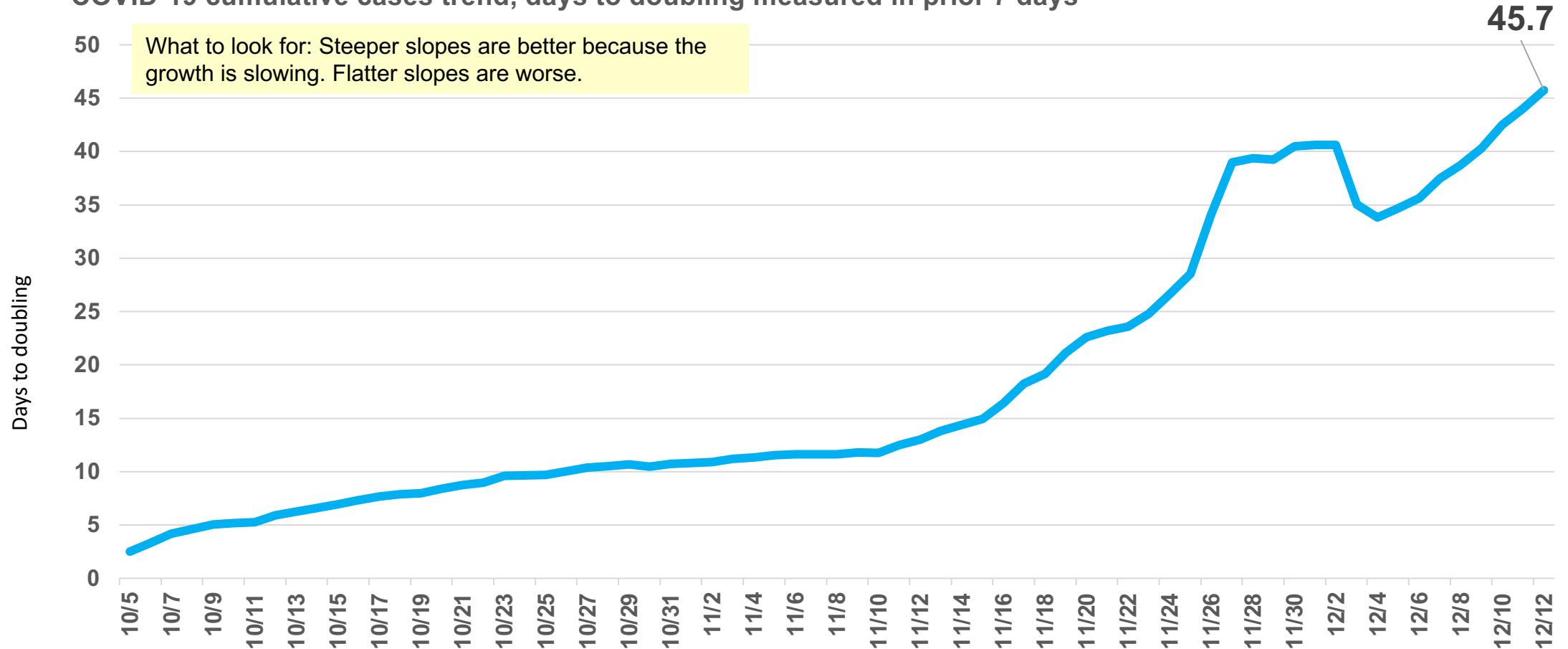


# The doubling time is currently 45.7 days as of 12/17/20.

COVID-19 cumulative cases trend, days to doubling measured in prior 7 days



Doubling time is a logarithmic calculation of the speed of cumulative incidence of new confirmed COVID-19 cases in Chicago during the 2<sup>nd</sup> surge (October 4 to present) Answers the question: **At the current rate of growth, how many days from 7-days-prior-to-today will it take to double the number of people infected since the start of the surge?** The longer it takes to double, the slower the growth of the epidemic. Case counts are based on lab results with known specimen collection date. To adjust for reporting delays, a 5-day lag is used (ie, the chart describes data ending 5 days prior). (Source: INEDSS)