



# Flattening the COVID-19 Curve



Flattening the Curve: Slowing transmission of COVID-19 using social distancing measures will reduce the number of people who are infected with the virus



Cases in our state are increasing **30% daily**

Growth rate is exponential, NOT linear

The doubling rate in Wisconsin is every **3 days** (this is consistent with the rate seen in other countries)

Individuals who are infected may be asymptomatic for **5-7 days** and can infect others without knowing it

- This means any policy intervention will take at least 5-7 days to see an impact
- 14-20% require hospitalization with at least oxygen support
- COVID-19 no longer only infects the elderly and chronically ill, it infects children and healthy adults

- We are not flattening the curve quickly enough
- We need to focus on maintaining the new hospitalization case burden at less or at least equal to the rate of recoveries
- NY, Seattle, Italy, Spain – health care system capacity has been overwhelmed

Within **3-5 weeks** the number of individuals needing hospitalization will **exceed the capacity** of our hospital systems

(Wisconsin Hospital Association Model)