The Math Behind Social Distancing

**NOW**

- 1 PERSON
- INFECTS 2.5 PEOPLE INFECTED
- 50% LESS EXPOSURE
- 1 PERSON
- INFECTS 1.25 PEOPLE INFECTED
- 75% LESS EXPOSURE
- 1 PERSON
- INFECTS .625 PEOPLE INFECTED

**5 Days**

- 1 PERSON
- 2.5 PEOPLE INFECTED
- 5 Days
- 1.25 PEOPLE INFECTED
- 30 Days
- .625 PEOPLE INFECTED

**30 Days**

- 406 PEOPLE INFECTED
- 30 Days
- 15 PEOPLE INFECTED
- 30 Days
- 2.5 PEOPLE INFECTED

Source: Robert A.J. Signer PhD, Assistant Professor of Medicine, UC San Diego