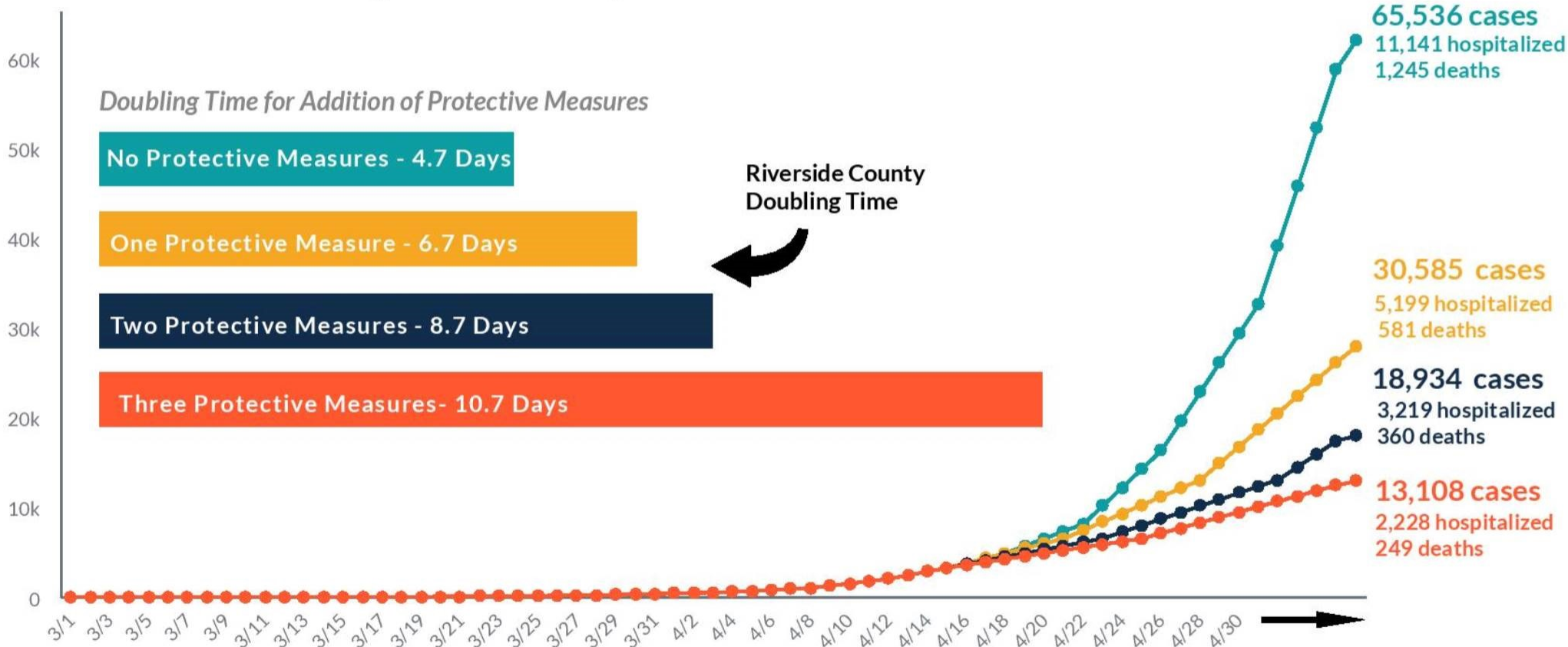


# How Protective Measures Can "Flatten the Curve" for COVID-19

April 14th, 2020



### COVID-19 Modeling in Riverside County With and Without Increased Protective Measures

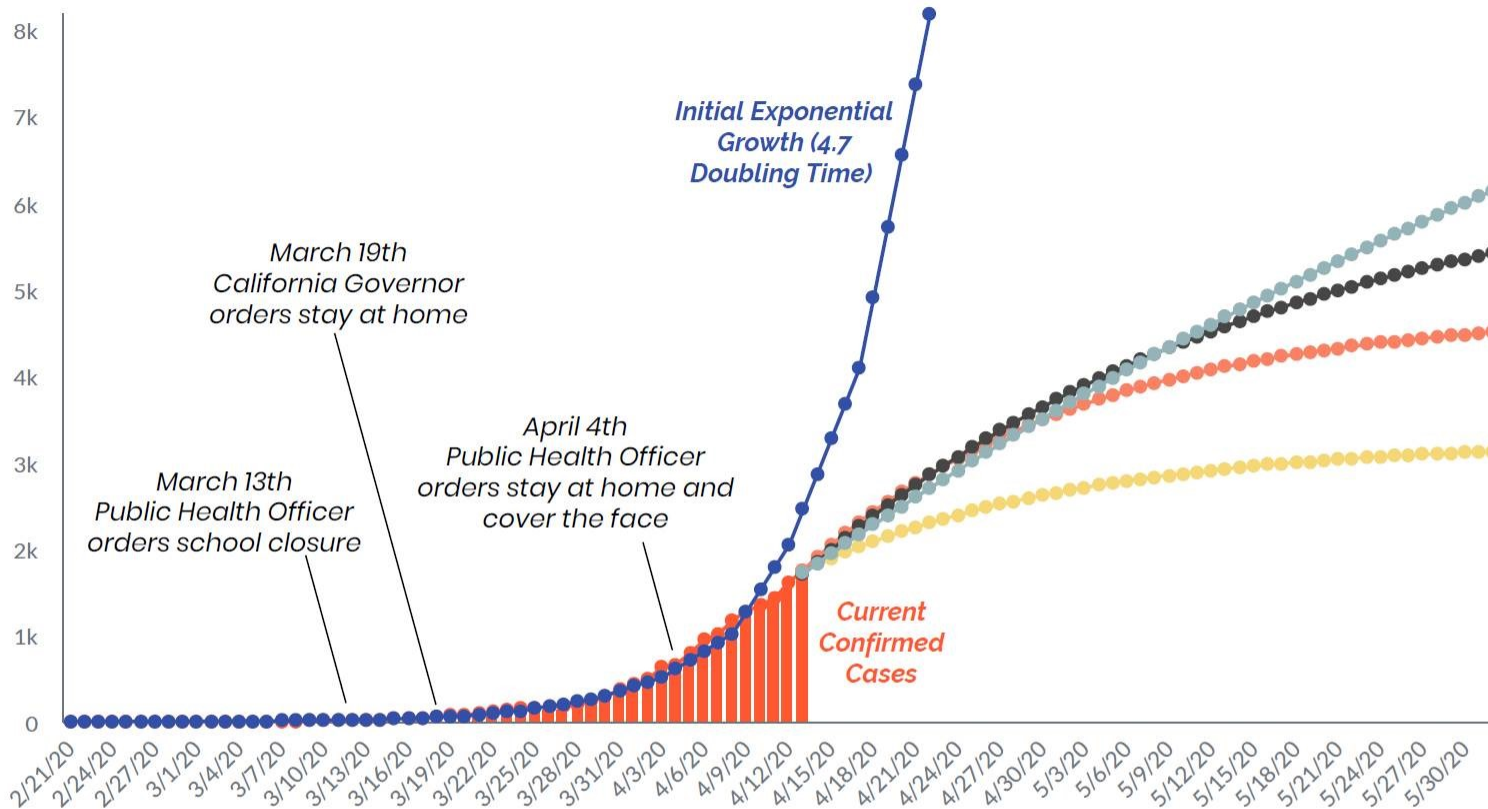


Protective Measures include strategies such as Staying at Home, Covering the Face, and Testing.



# Projections of COVID-19 in Riverside County

April 14, 2020



**Scenario 1 at Plateau:**  
 13,108 Cases  
 2,228 Hospitalizations  
 655 ICU Beds  
 249 Deaths

**Scenario 2 at Plateau:**  
 6,500 Cases  
 1,105 Hospitalizations  
 325 ICU Beds  
 124 Deaths

**Scenario 3 at Plateau:**  
 4,750 Cases  
 808 Hospitalizations  
 238 ICU beds  
 90 Deaths

**Scenario 4 at Plateau:**  
 3,250 Cases  
 553 Hospitalizations  
 163 ICU Beds  
 62 Deaths

**RECENT DOUBLING TIME**  
 3-day average

**7+**  
 Days

## KEY POINTS

- Average doubling time was previously 4.7 days and has now lengthened to 7+ days.
- Due to early proactive measures (testing, staying at home, social distancing, covering the face, closure of schools and non-essential businesses), Riverside County appears to have averted a surge that would have overwhelmed the region's health care system.
- The four scenarios above show how more aggressive proactive measures (e.g., Scenario 4) and less aggressive proactive measures (e.g., Scenario 1) may impact the total number of future cases and hospitalizations.
- Riverside County's projections fit within the State of California's model, which ranges from 4,000 to 90,000 projected cases at plateau in Riverside County.