

# Current Situation in New Hampshire

- 9,958 people have already been tested for COVID-19
- 155 tests are underway at our Public Health Laboratories
- 819 people are confirmed to have COVID-19 (+31 from yesterday)
- 127 of these have required care in a hospital (+9 from yesterday)
- 21 people have died (+3 from yesterday)
- COVID-19 is widespread and present in most areas in NH

# COVID-19

## *The Future of the Epidemic in NH*

**Benjamin P. Chan, MD, MPH**  
**State Epidemiologist**  
April 9, 2020

# Important Highlights

- Mathematical models help predict the COVID-19 epidemic so we can direct resources and ultimately save lives
- Early data that our NH Strategy appears to be controlling the spread of COVID-19
- We need to continue to work together to protect each other and those most vulnerable in NH

# What is Community Mitigation?

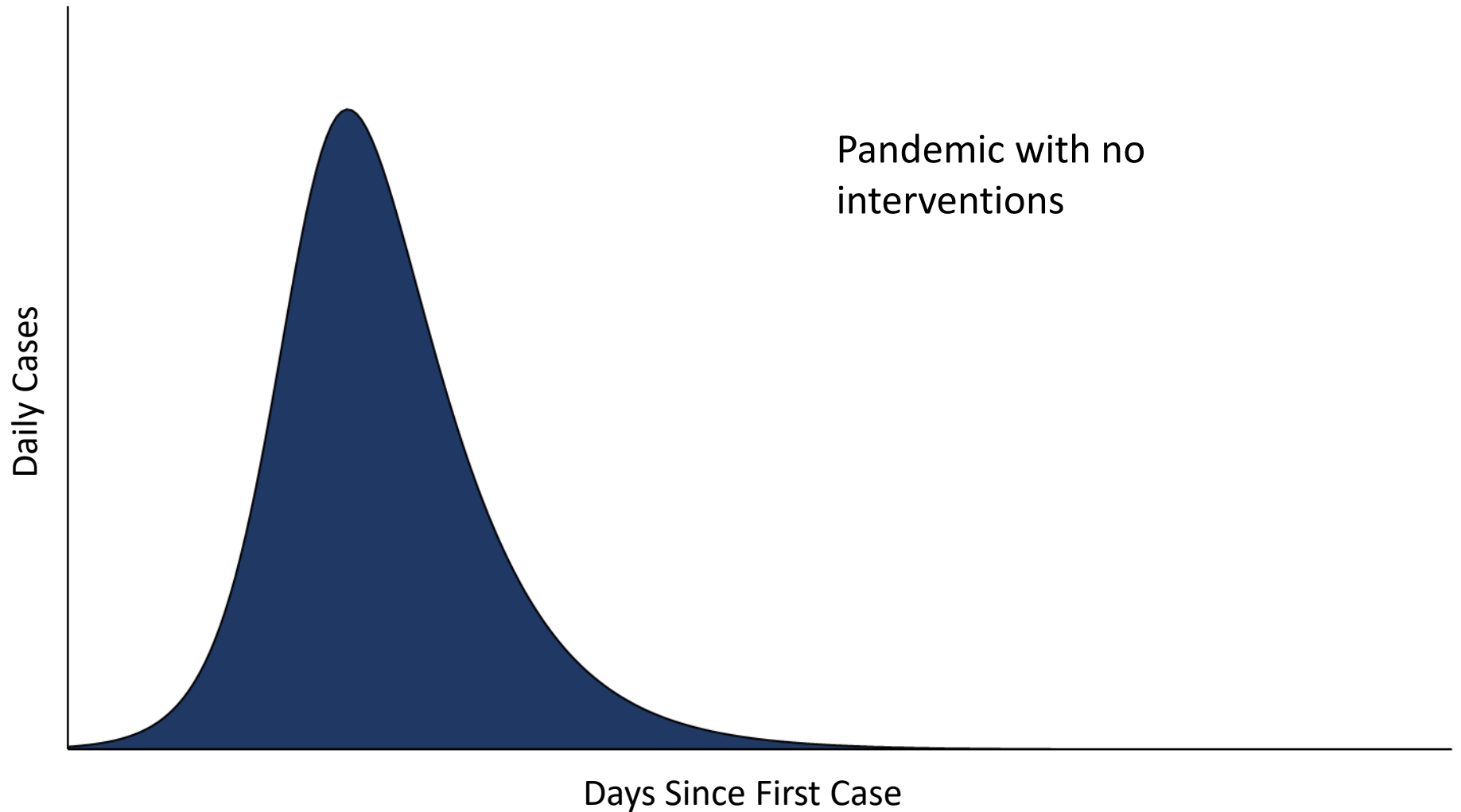
Community mitigation is a package of actions that don't involve medicines or vaccines and are important for stopping the spread of COVID-19:

1. Staying home
2. Keeping a safe distance of at least 6 feet from others
3. Moving to remote learning for schools
4. Encouraging tele-work for businesses
5. Cancelling mass gatherings
6. Closing non-essential businesses

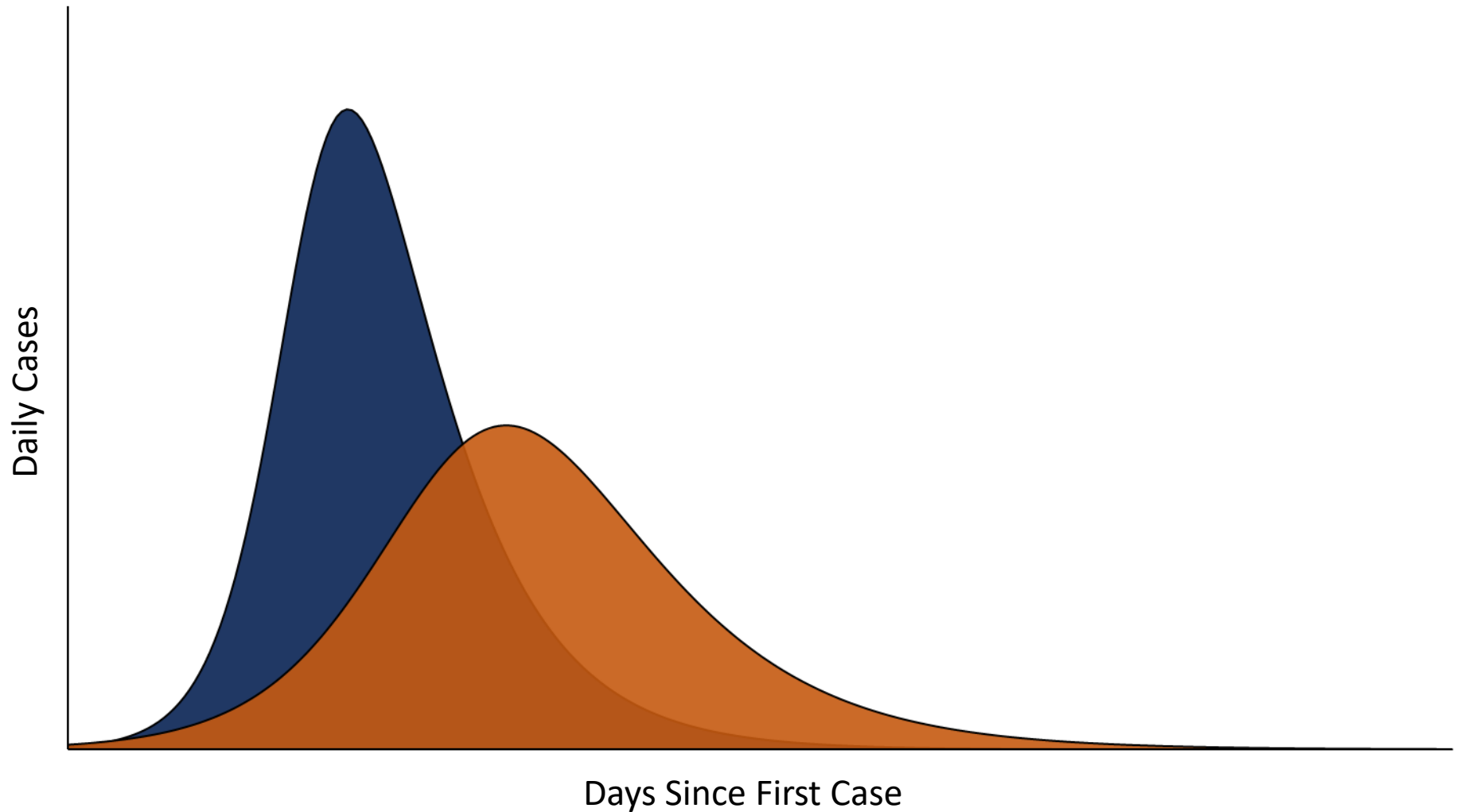
# Goals of Community Mitigation

1. Slow how fast the epidemic is spreading
2. Spread out when people get sick (delay the peak)
3. Reduce the overall number of patients
4. Decrease deaths
5. Prevent overwhelming our healthcare system

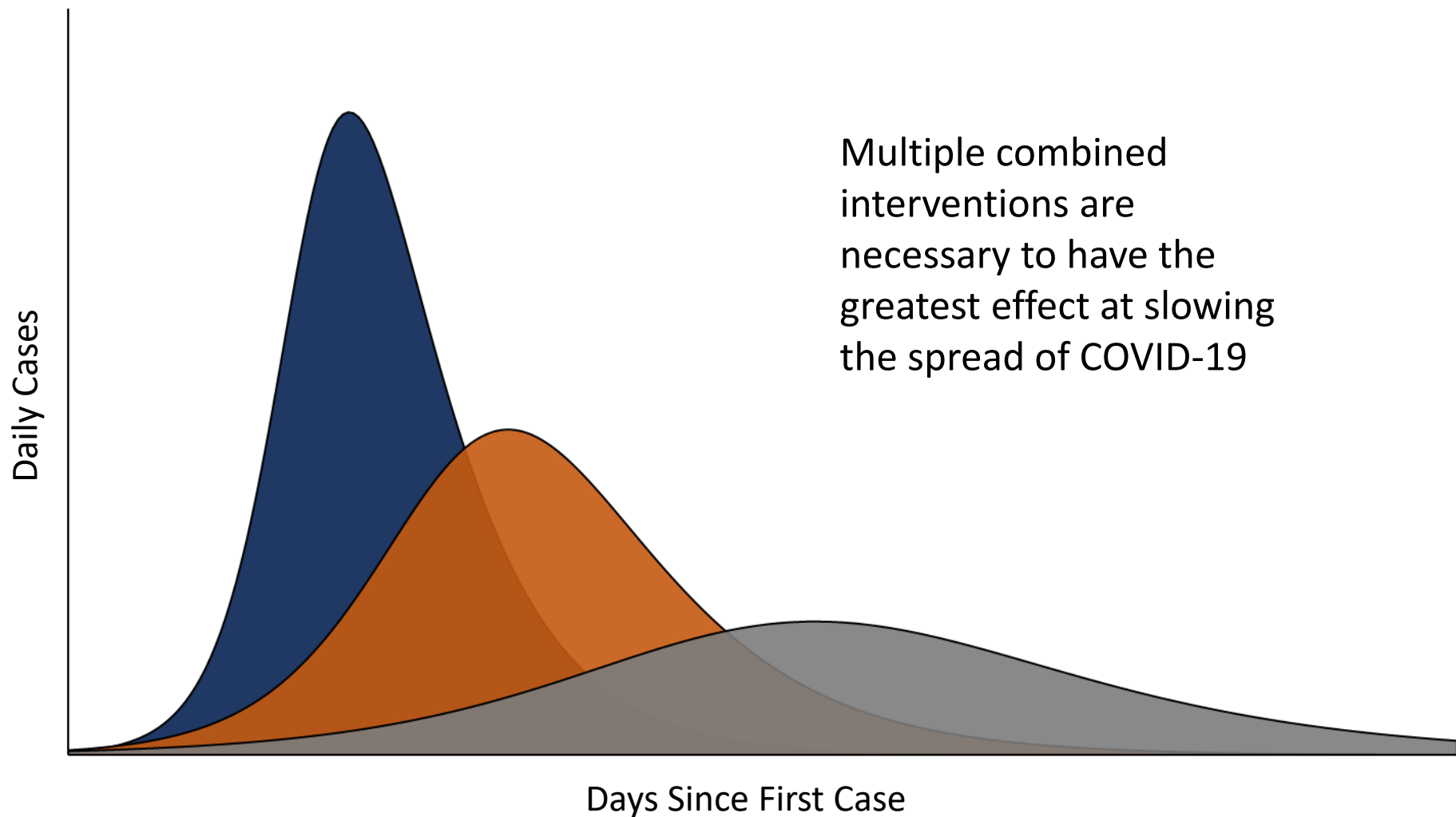
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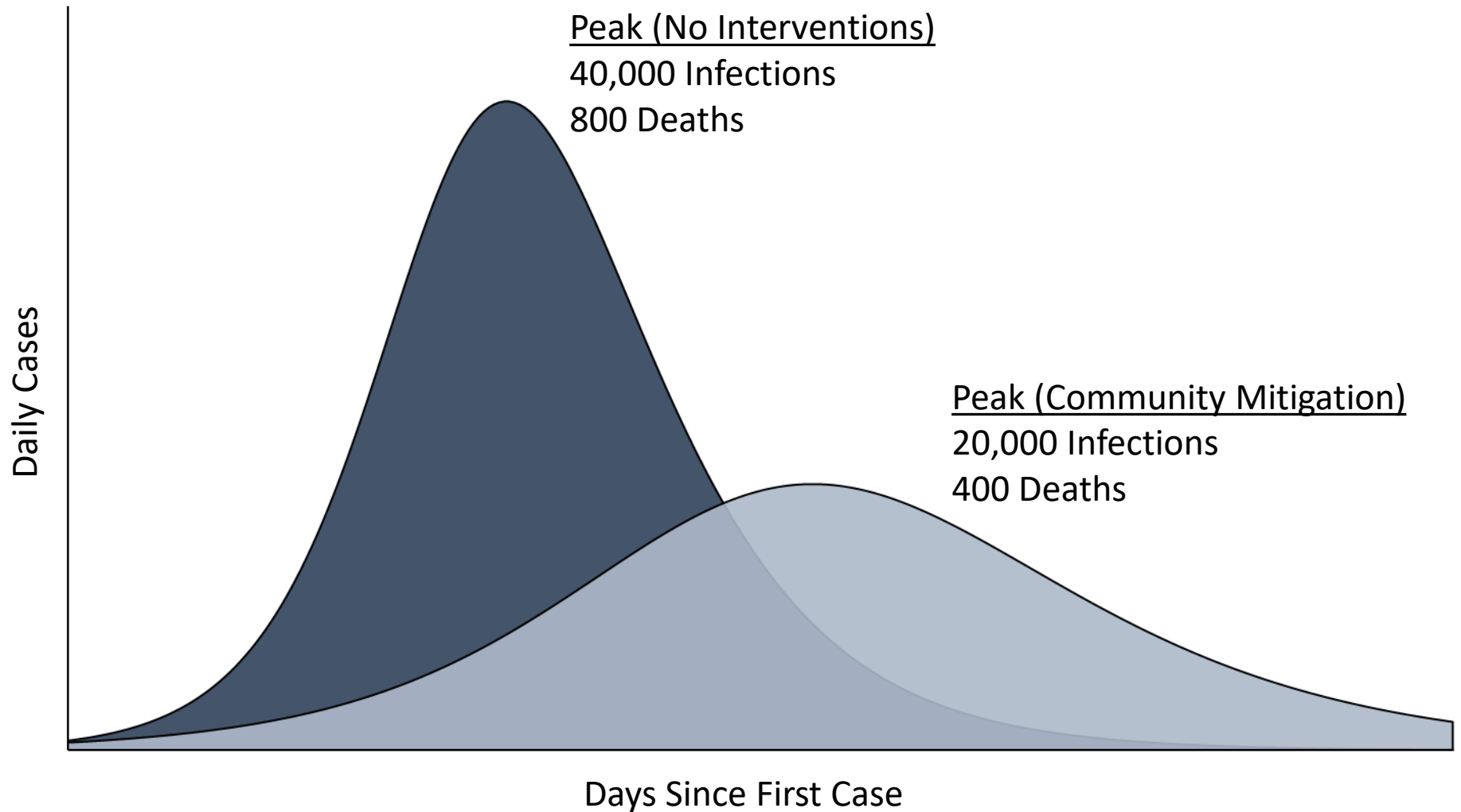


# Goals of Community Mitigation

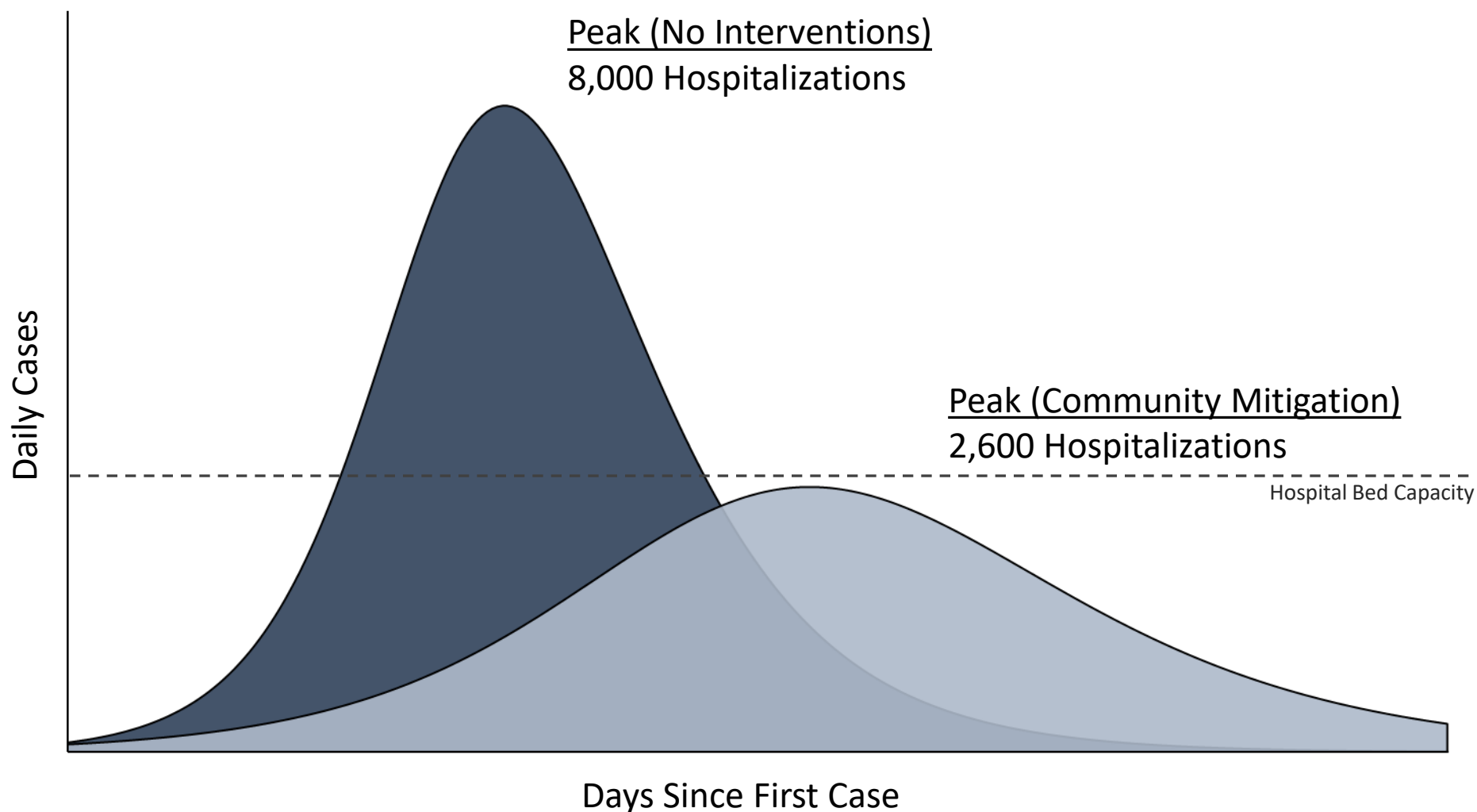




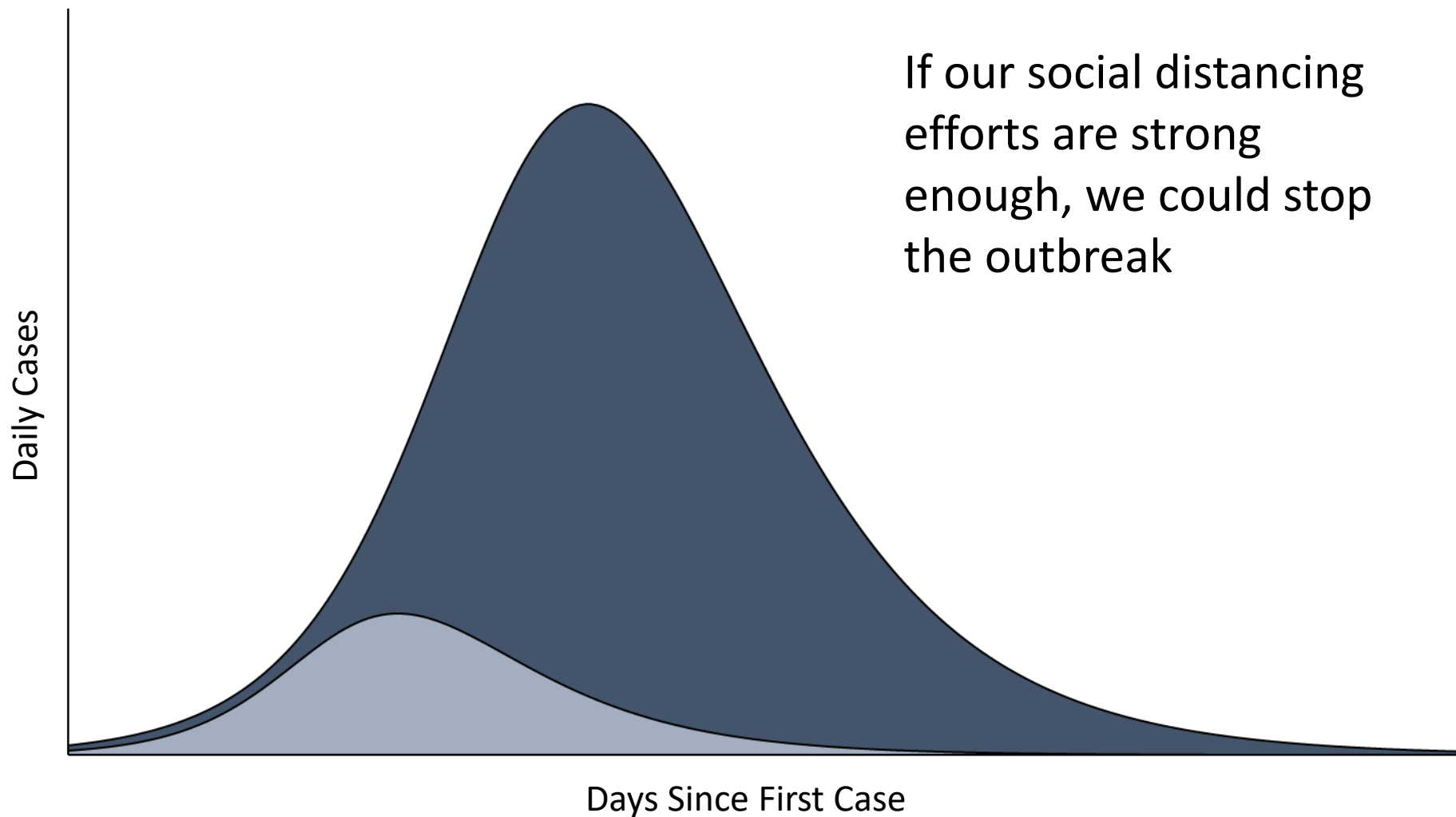
# We Can Decrease the Number of Deaths



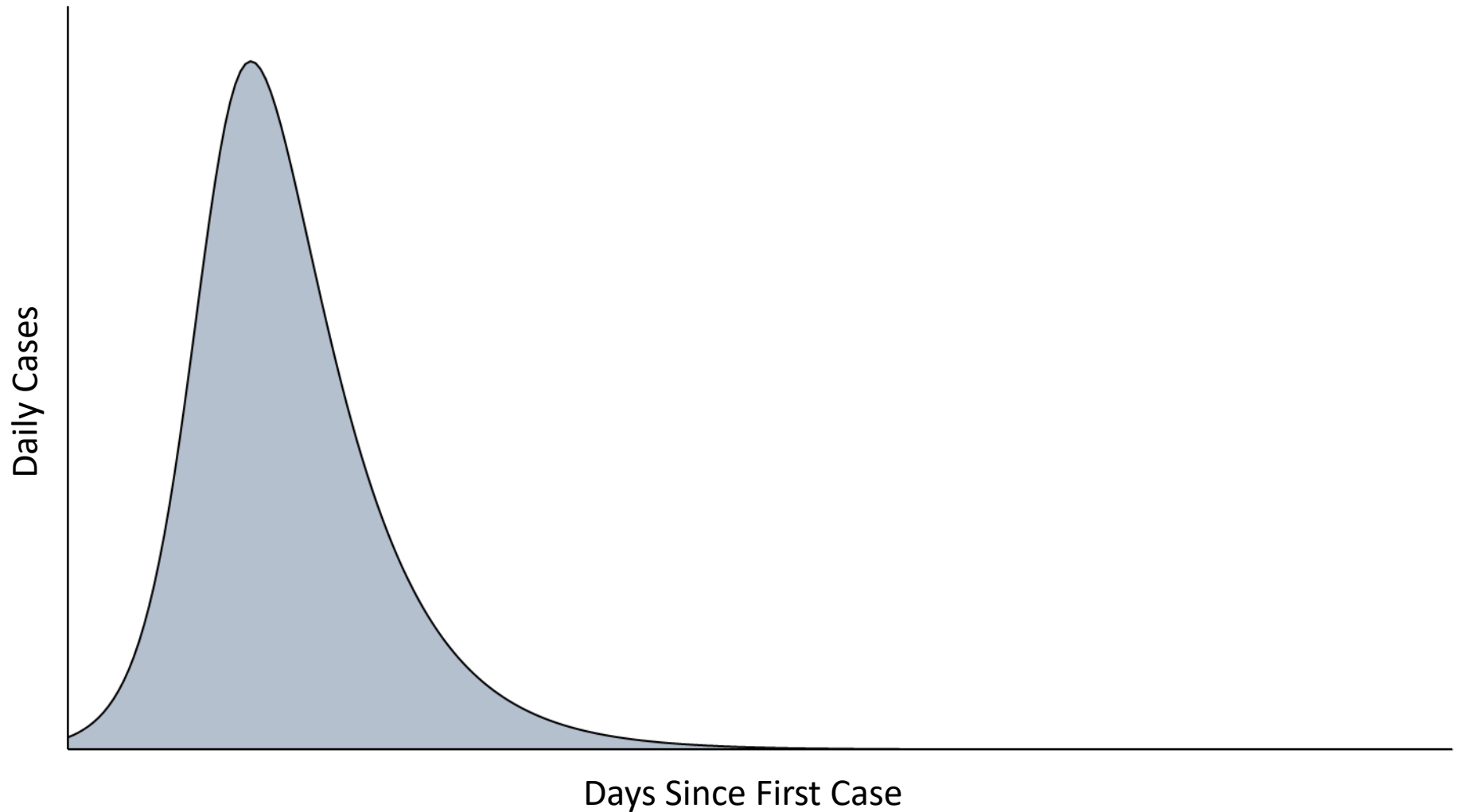
# We Can Decreased Hospitalizations



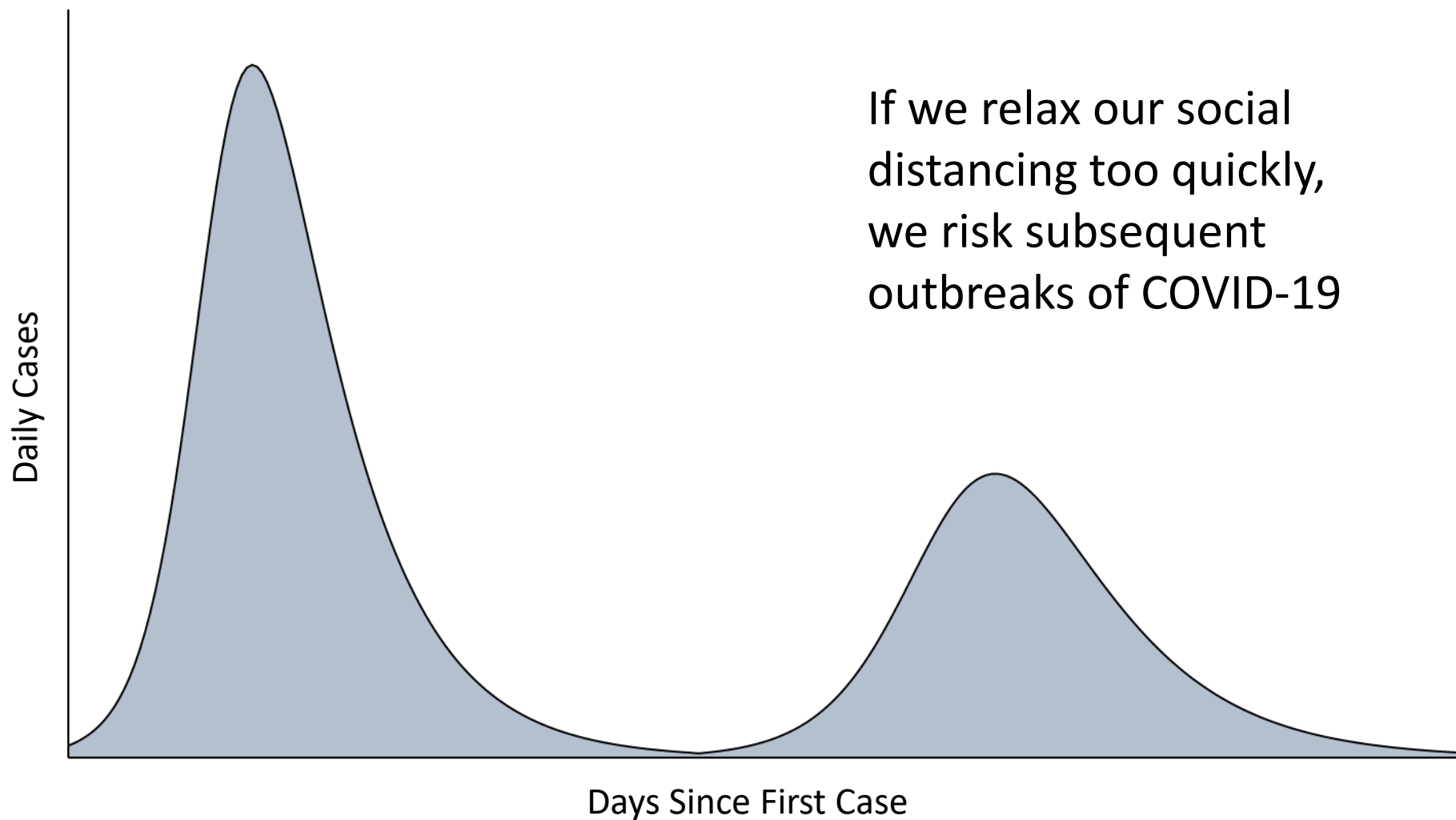
# Outbreak Suppression



# Relaxing Social Distancing



# Relaxing Social Distancing



# U.S. Hospital Resource Use

3 days until peak resource use on  
**April 11, 2020**

Resources needed for COVID-19 patients on peak date

All beds needed

**94,249 beds**



Bed Shortage

**15,852 beds**

ICU beds needed

**19,438 beds**

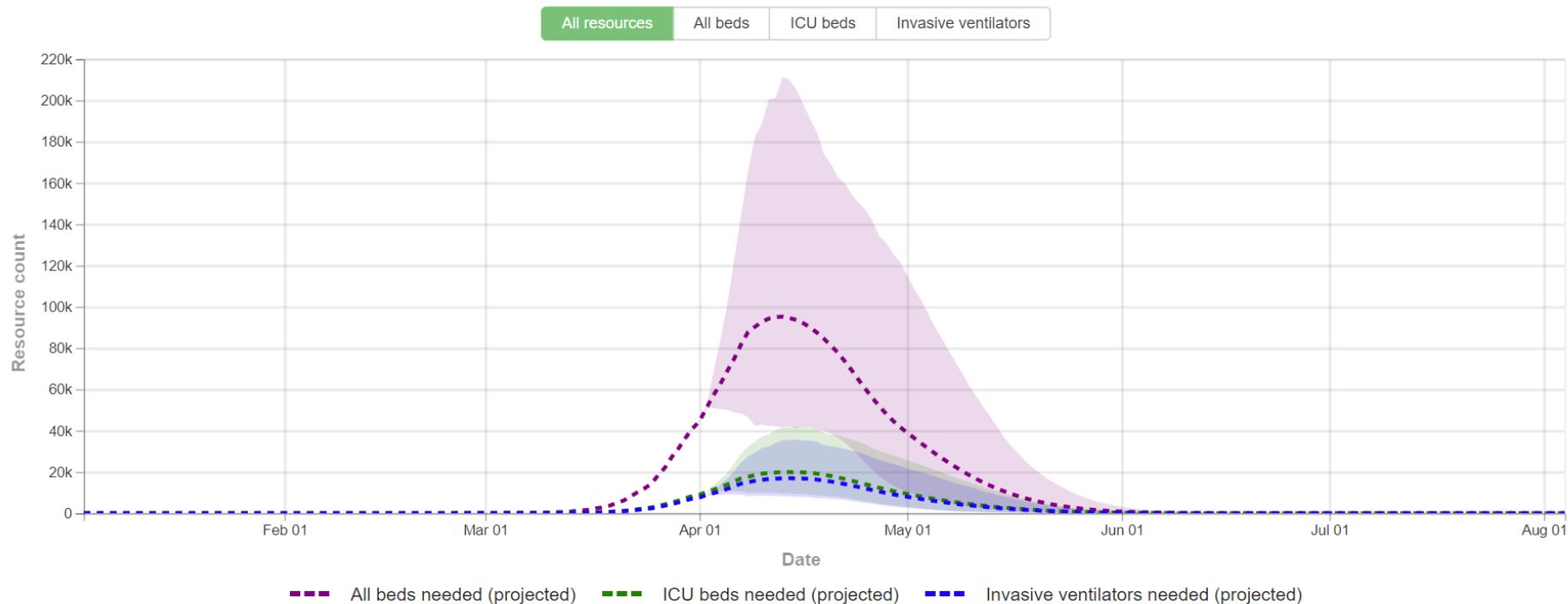


ICU Bed Shortage

**9,047 beds**

Invasive ventilators needed

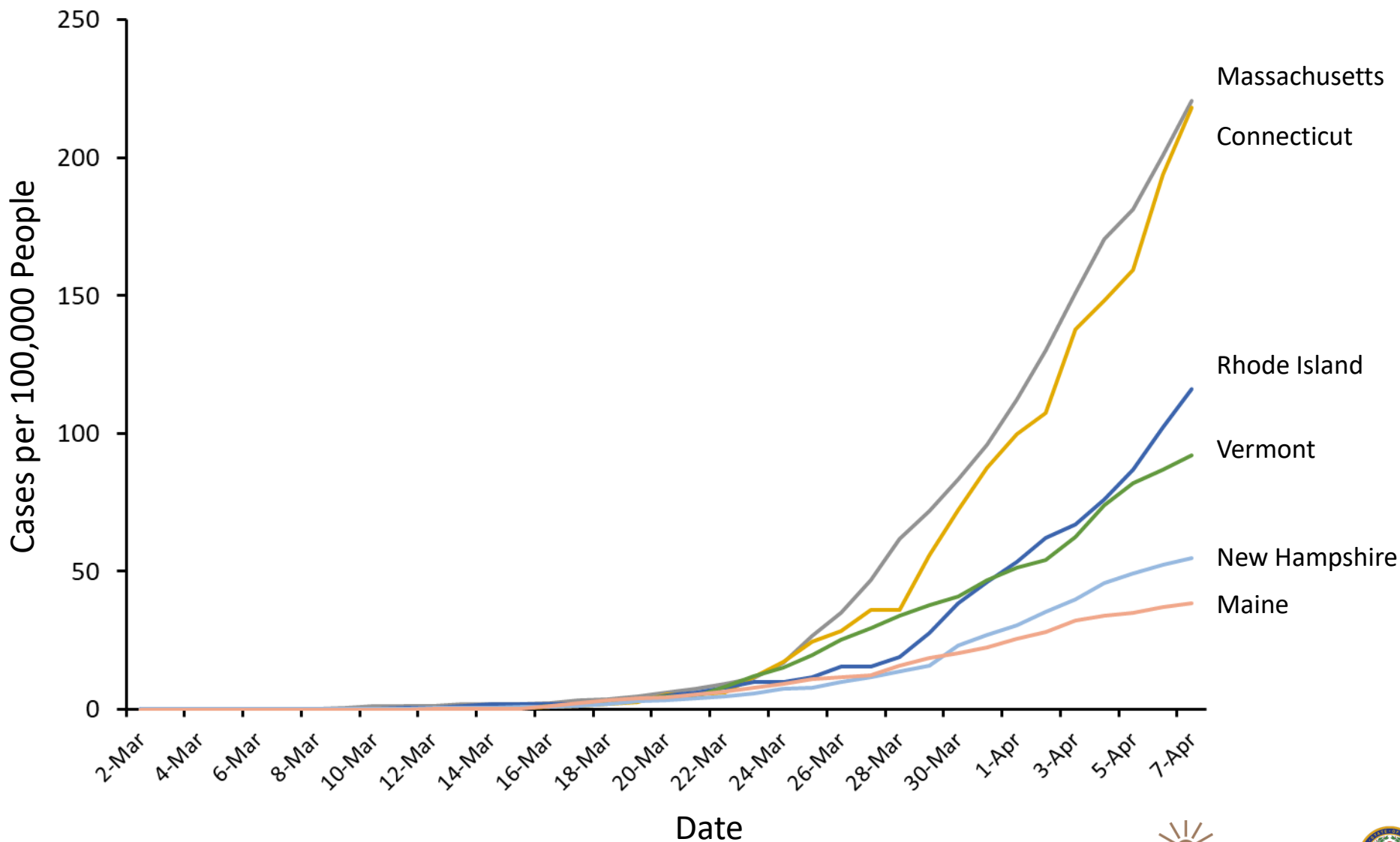
**16,524 ventilators**



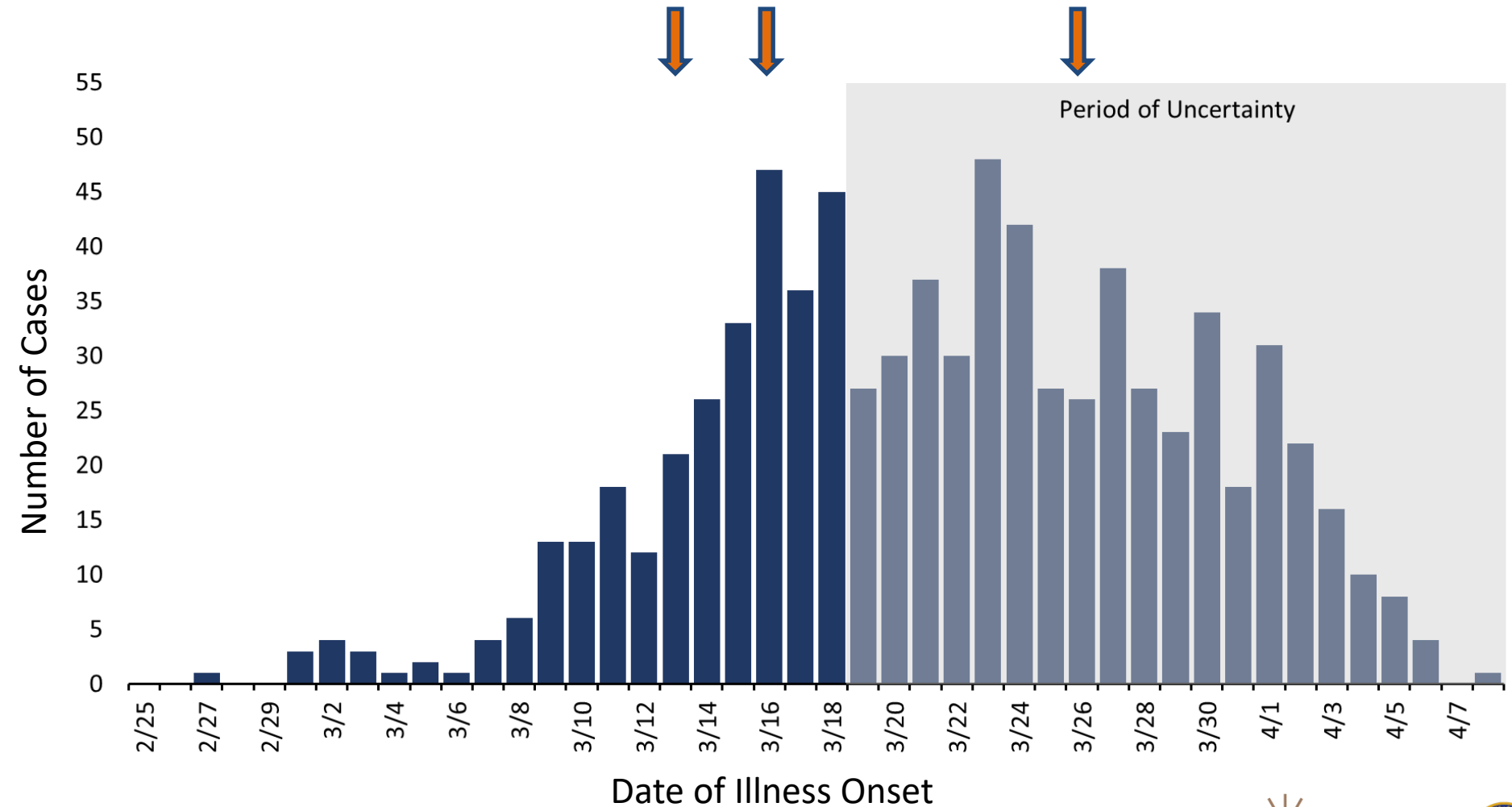
All resources specific to COVID-19 patients.

Shaded areas indicate uncertainty ⓘ

# Rates of COVID-19 by State

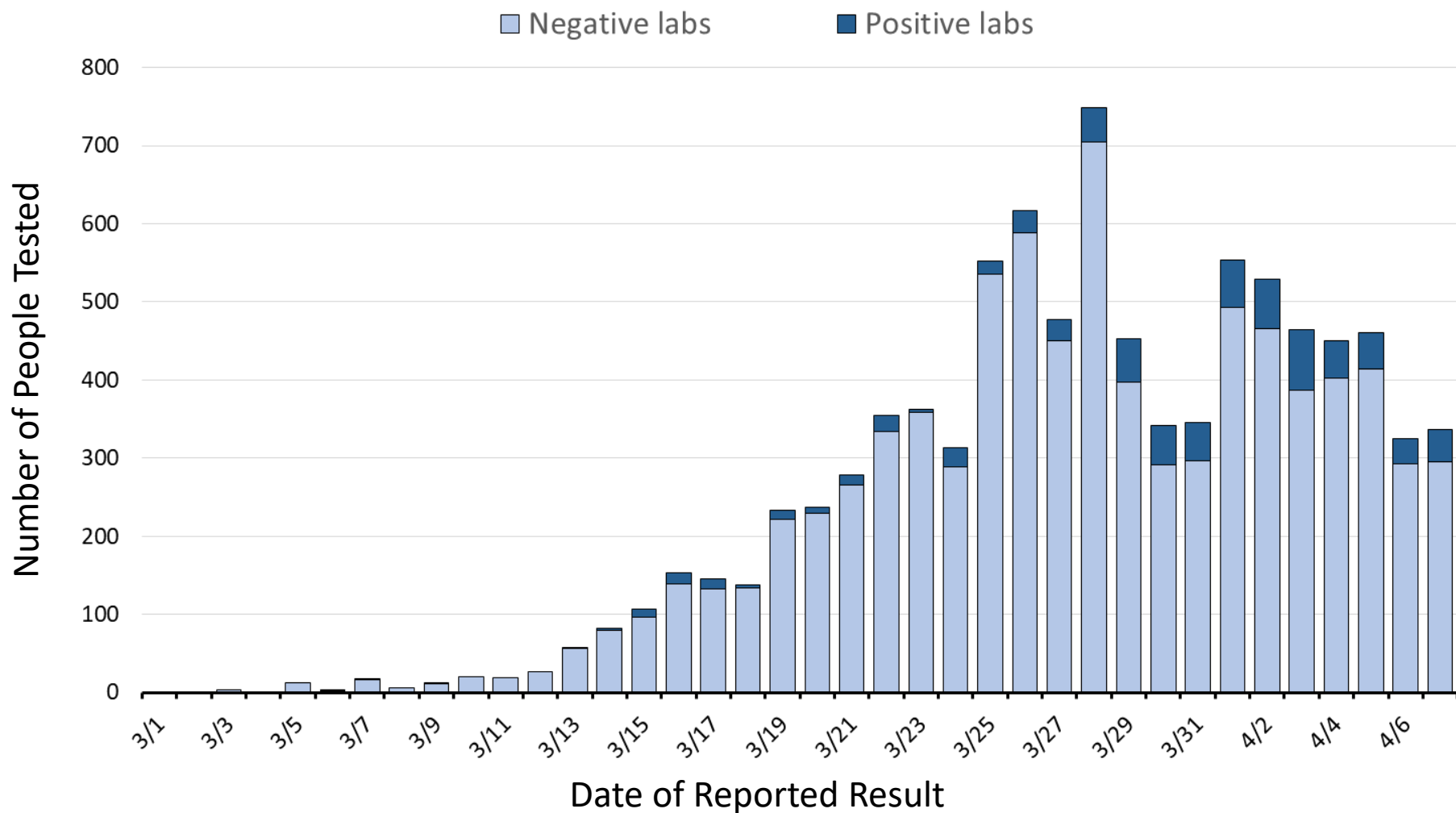


# Epidemic Curve for Confirmed COVID-19 Cases in New Hampshire

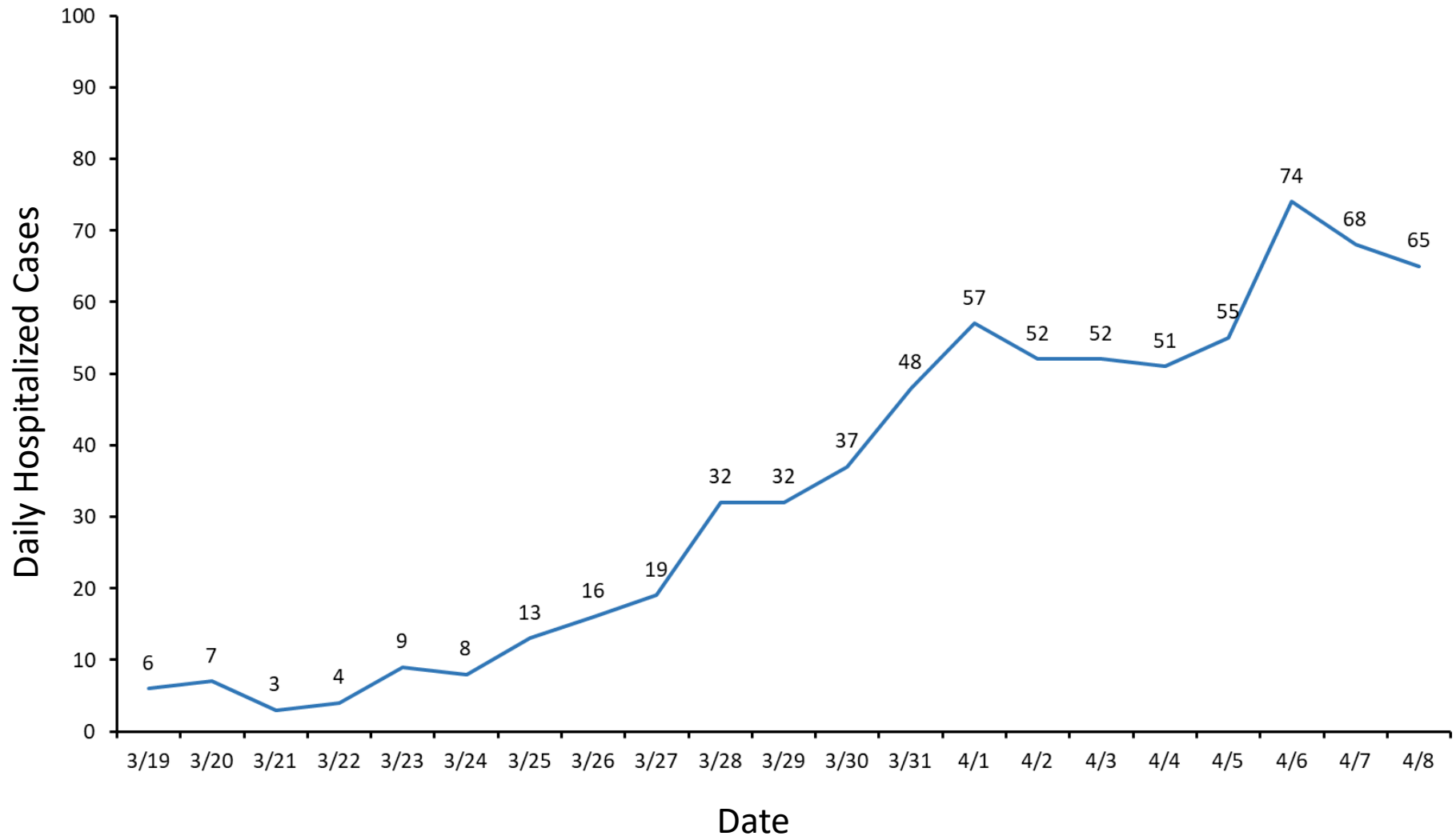




# Number of People Tested Each Day in NH

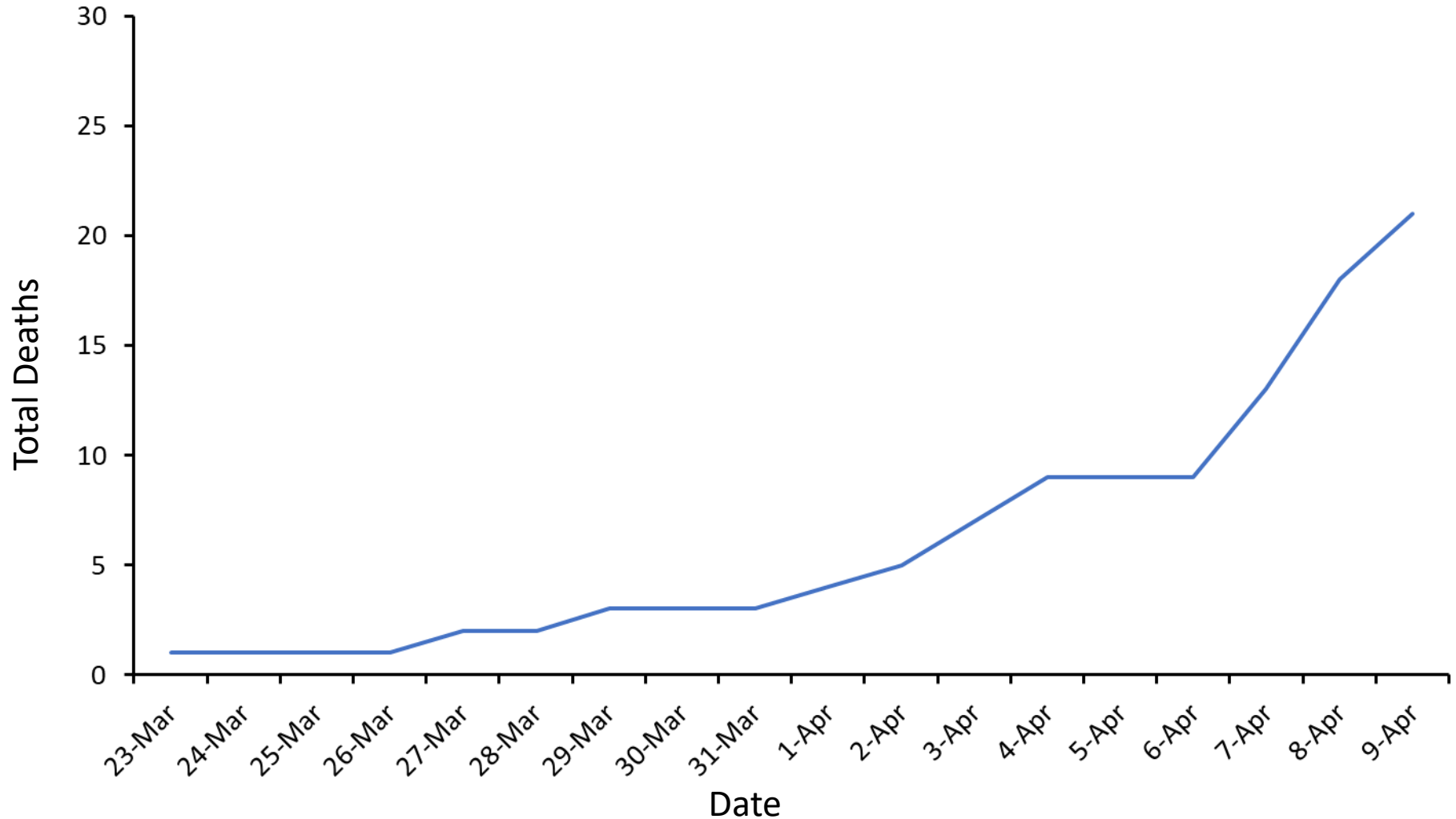


# Daily COVID-19 Hospital Census in NH

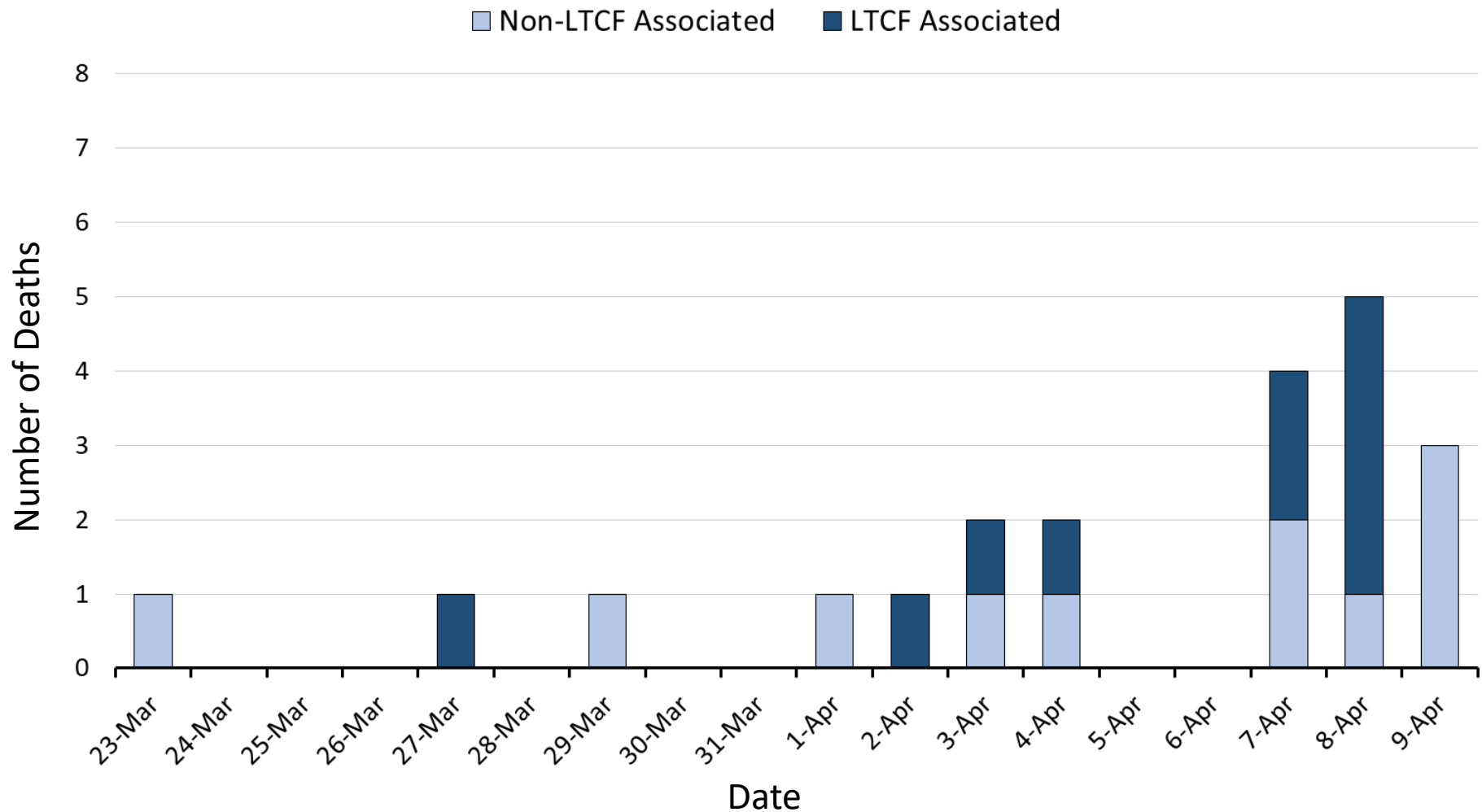


Data provided by the NH Hospital Association

# Total Number of COVID-19 Deaths in NH



# COVID-19 Deaths in NH Each Day



# Summary of Key Points

- This epidemic will last many more weeks
- Our NH strategy appears to be working
- We need everybody to stay at home to protect people, especially older adults and those with chronic medical conditions
- Models and our own NH data show that now is the critical time to continue our community mitigation strategy
- Thank you for the work you are all doing to help stop the spread of this novel coronavirus