Data & Analytics

9 April 2020
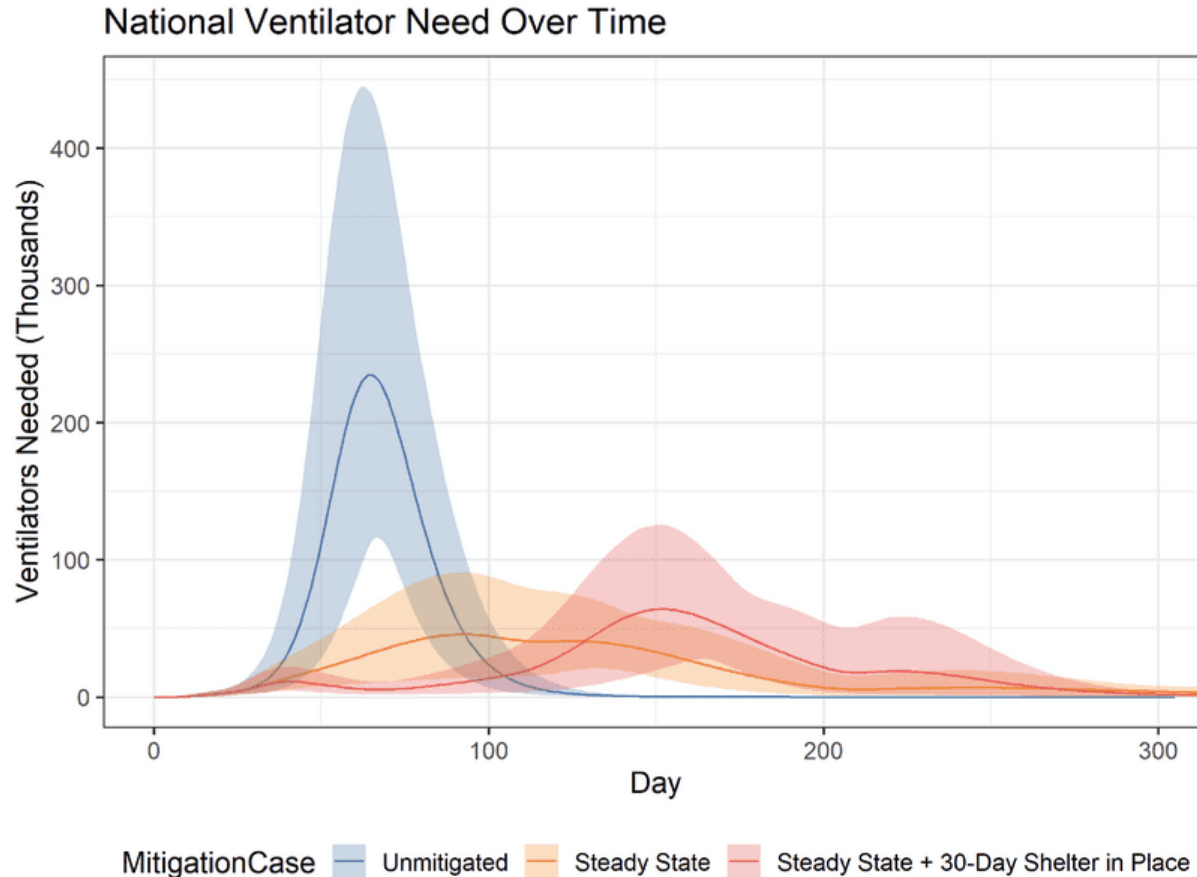
National ventilator needs over time

National Ventilator Need Over Time

- Here, ventilator needs are summed across states.

- This is a worst-case scenario – if all states were to peak simultaneously and ventilators were not shared across states

- "Steady State" assumes school closures until summer, 25% of people telework, and there is some social distancing

- The Steady State + 30 Day shelter-in-place scenario has a greater rebound peak after the mitigation is relaxed (assuming further shelter-in-place policies are not implemented to reduce future peaks) than steady state

Overall Potential Scenario Outcomes

Mitigation	Parameter	Infections	Cases	Require Hospitalization	Require ICU	Deaths	Deaths Among 65+
Unmitigated	"Best Guess"	195M	125M	5.3M	965K	300K	255K
30-day shelter-in-place followed by steady-state mitigation measures	"Best Guess"	160M	105M	4.2M	740K	200K	170K