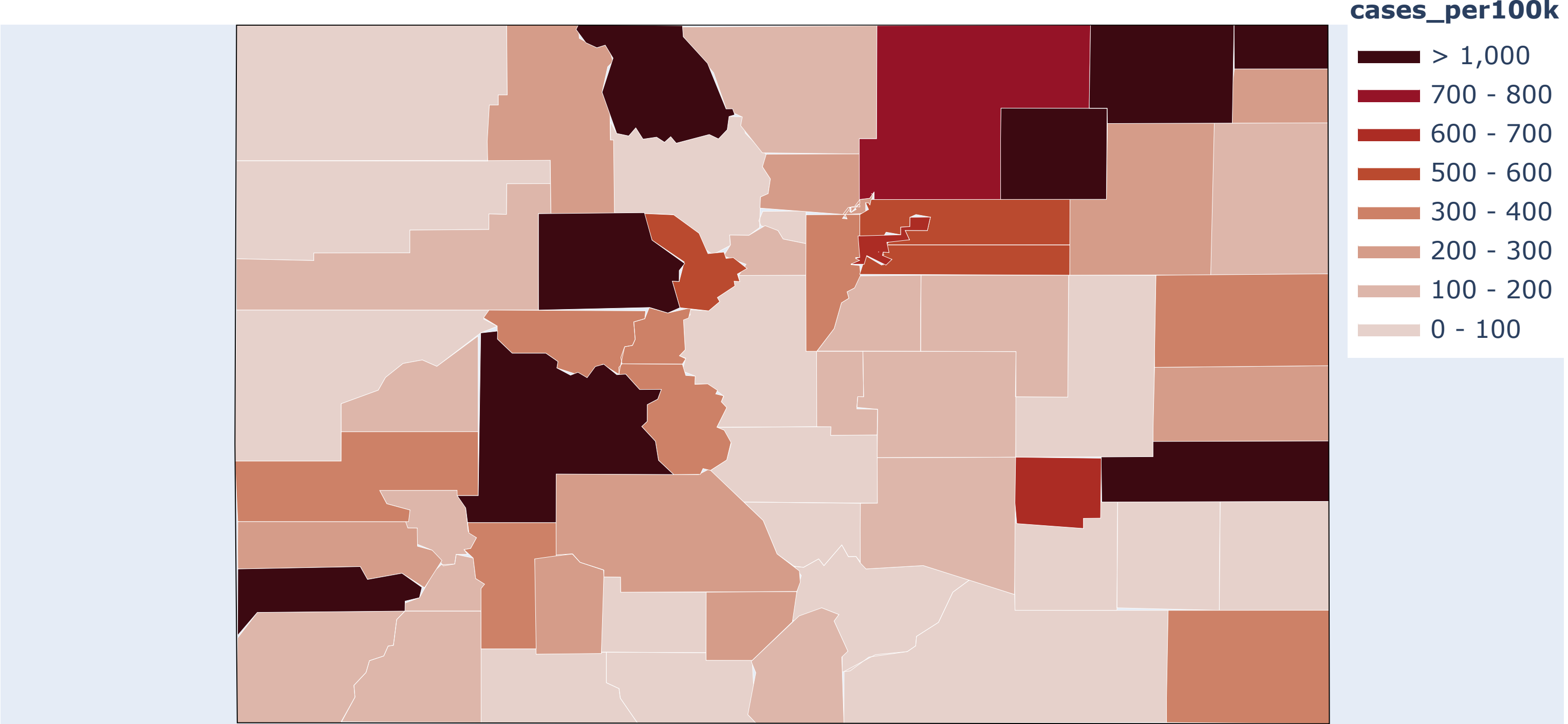
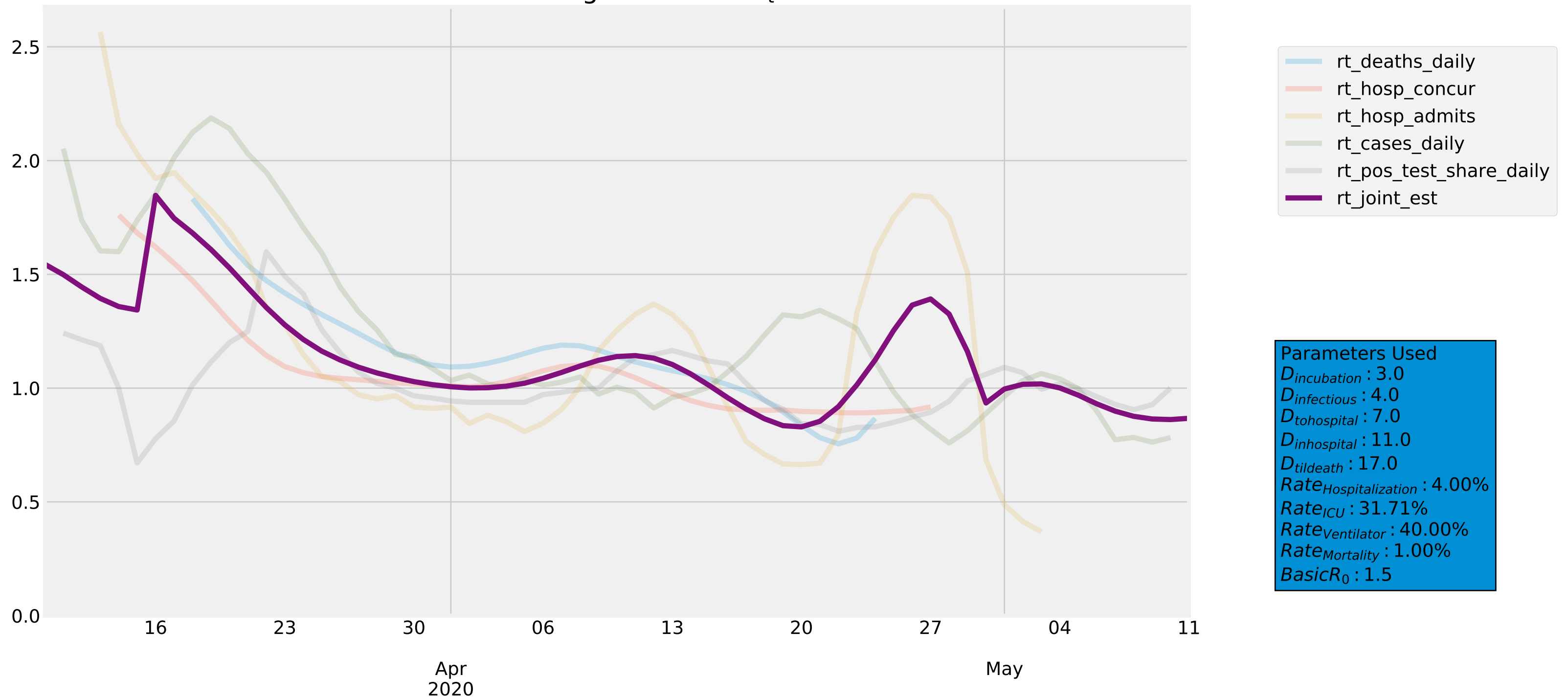


# Colorado: COVID-19 Cases Per 100k Residents



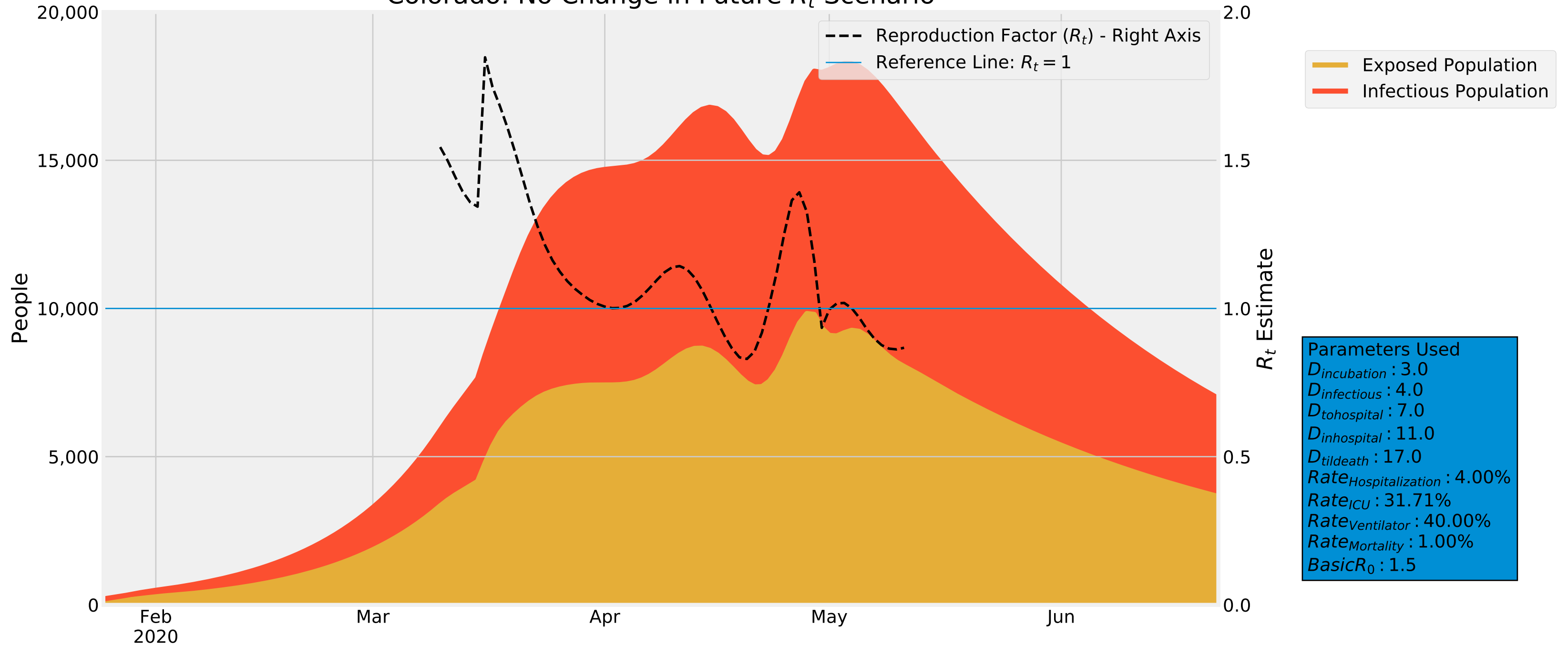
# Reproduction Rate ( $R_t$ ) Estimates Colorado: No Change in Future $R_t$ Scenario



Author: Michael Donnelly (twtr: @donnellymjd)  
Chart created on 19 May 2020

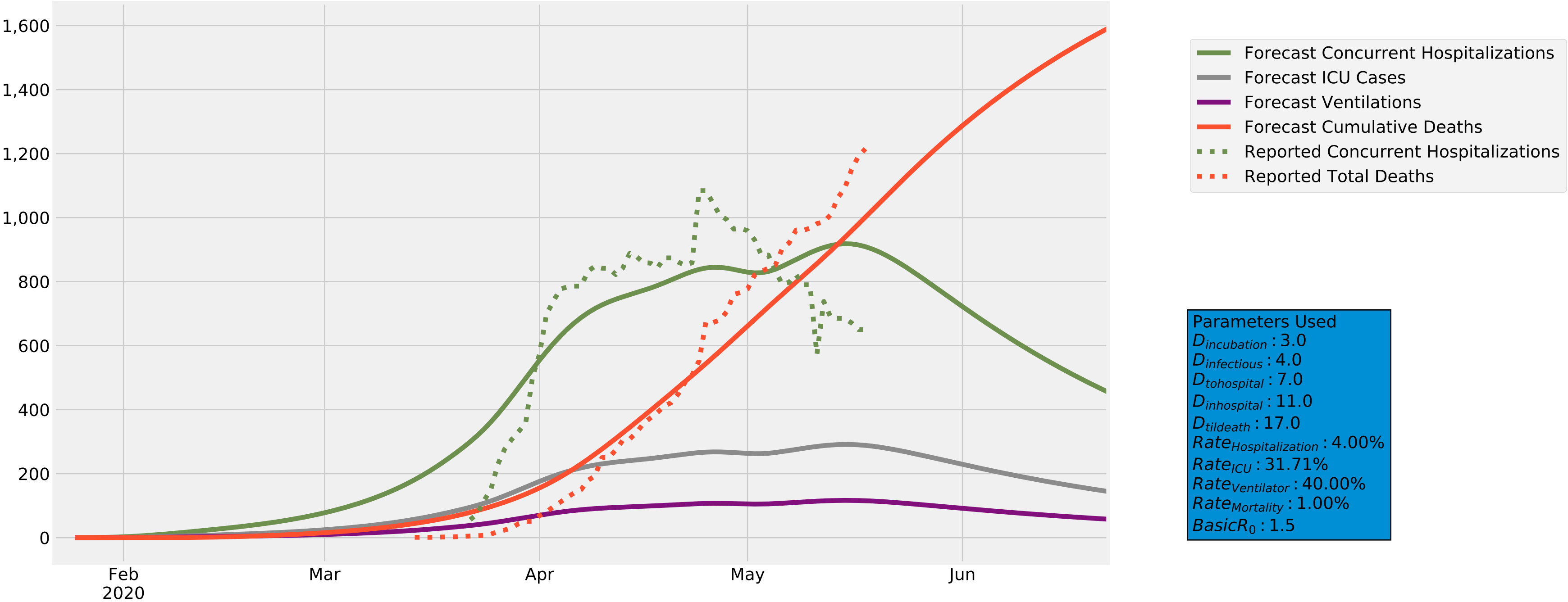
# Simultaneous Infections Forecast

## Colorado: No Change in Future $R_t$ Scenario



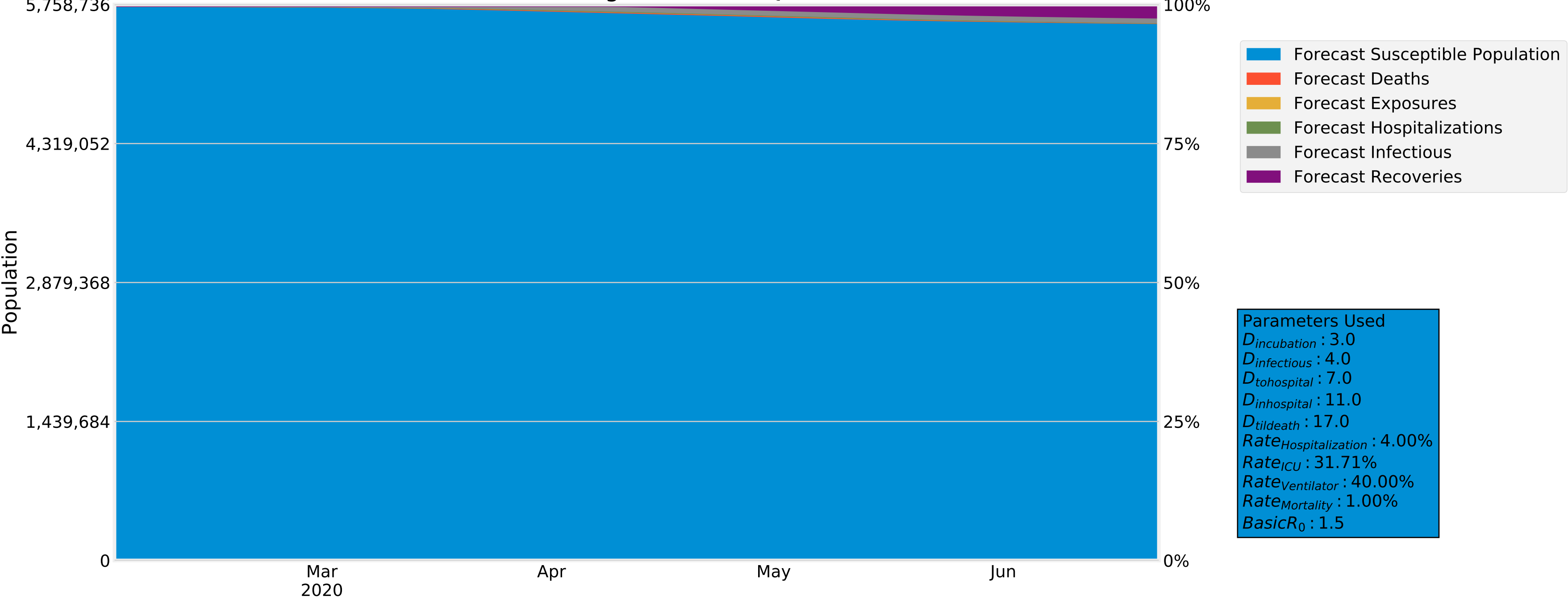
Author: Michael Donnelly (twtr: @donnellymjd)  
Chart created on 19 May 2020

Hospitalization and Deaths Forecast  
Colorado: No Change in Future  $R_t$  Scenario

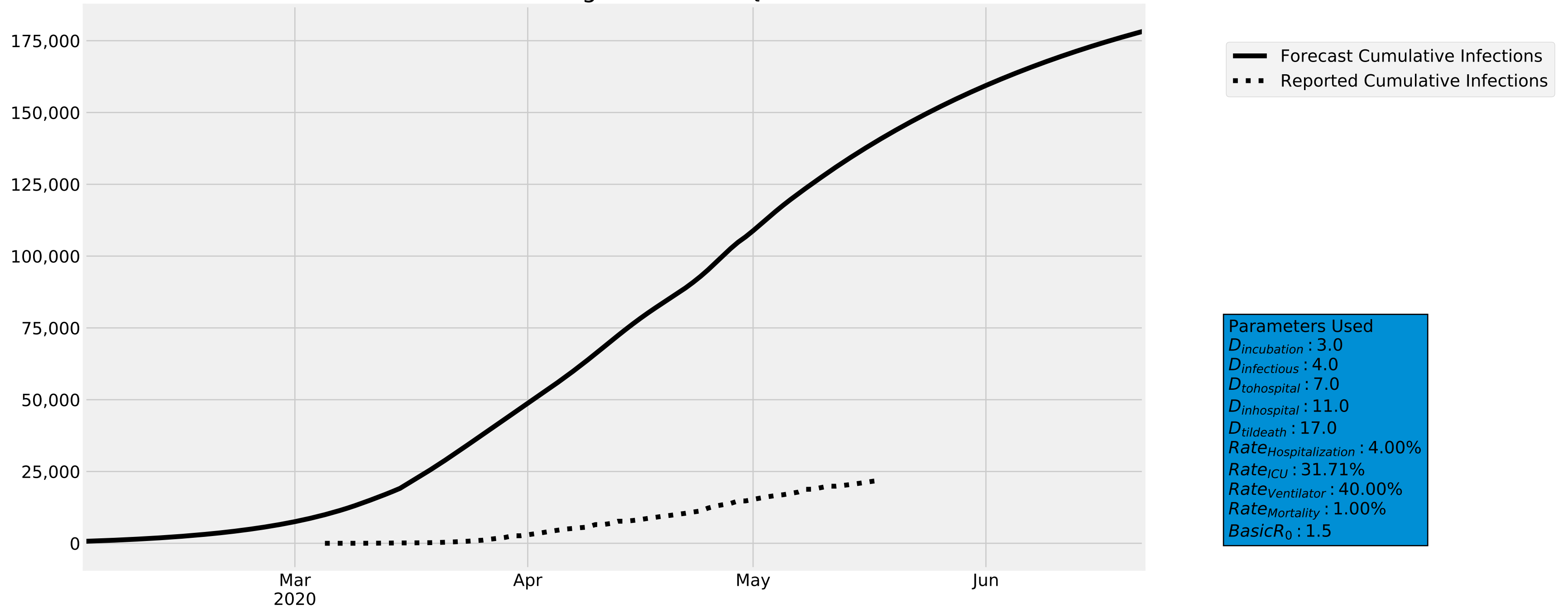


Author: Michael Donnelly (twtr: @donnellymjd)  
Chart created on 19 May 2020

Population Overview Forecast  
Colorado: No Change in Future  $R_t$  Scenario

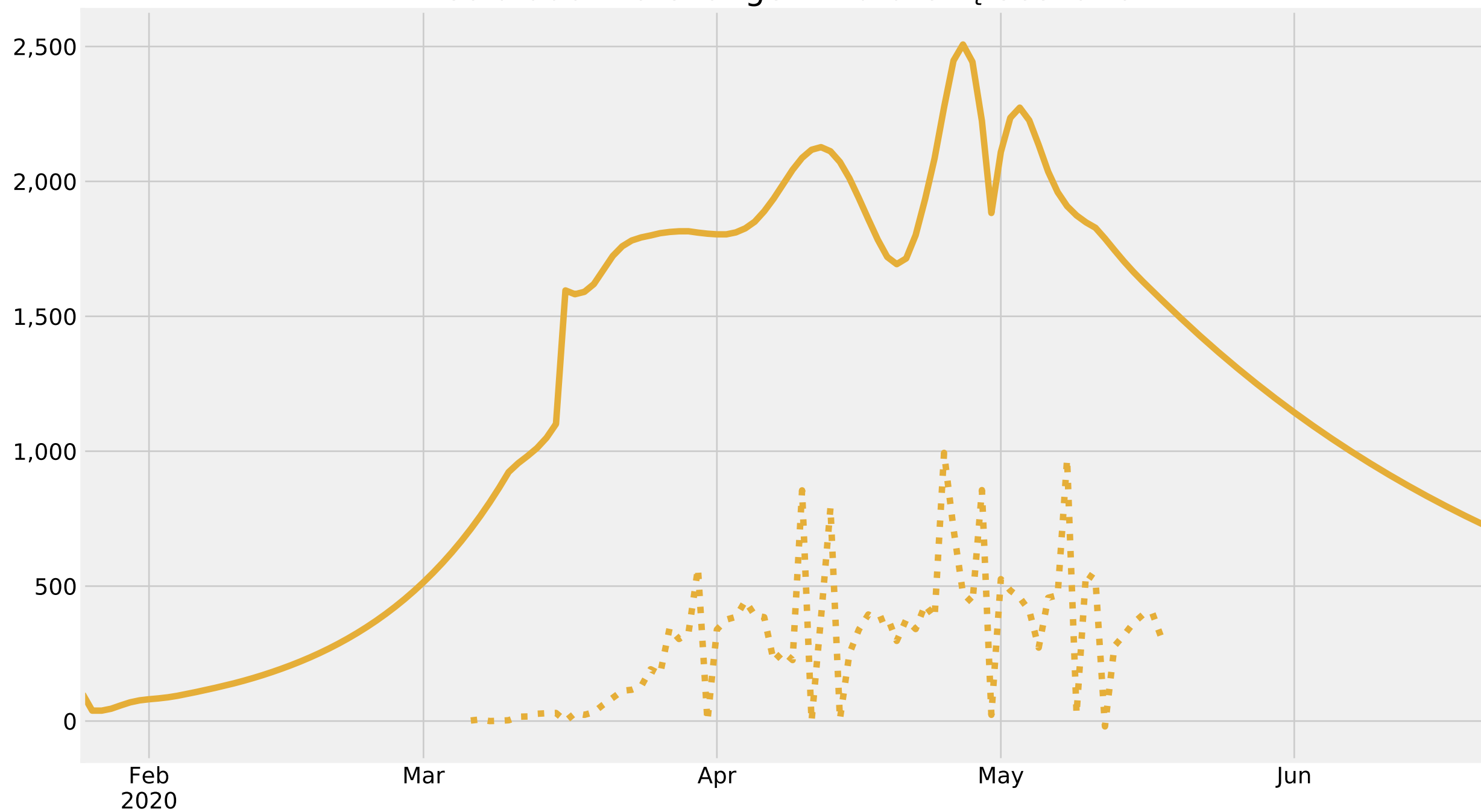


# Cumulative Infections Forecast Colorado: No Change in Future $R_t$ Scenario



Author: Michael Donnelly (twtr: @donnellymjd)  
Chart created on 19 May 2020

# Daily Exposures Forecast Colorado: No Change in Future $R_t$ Scenario

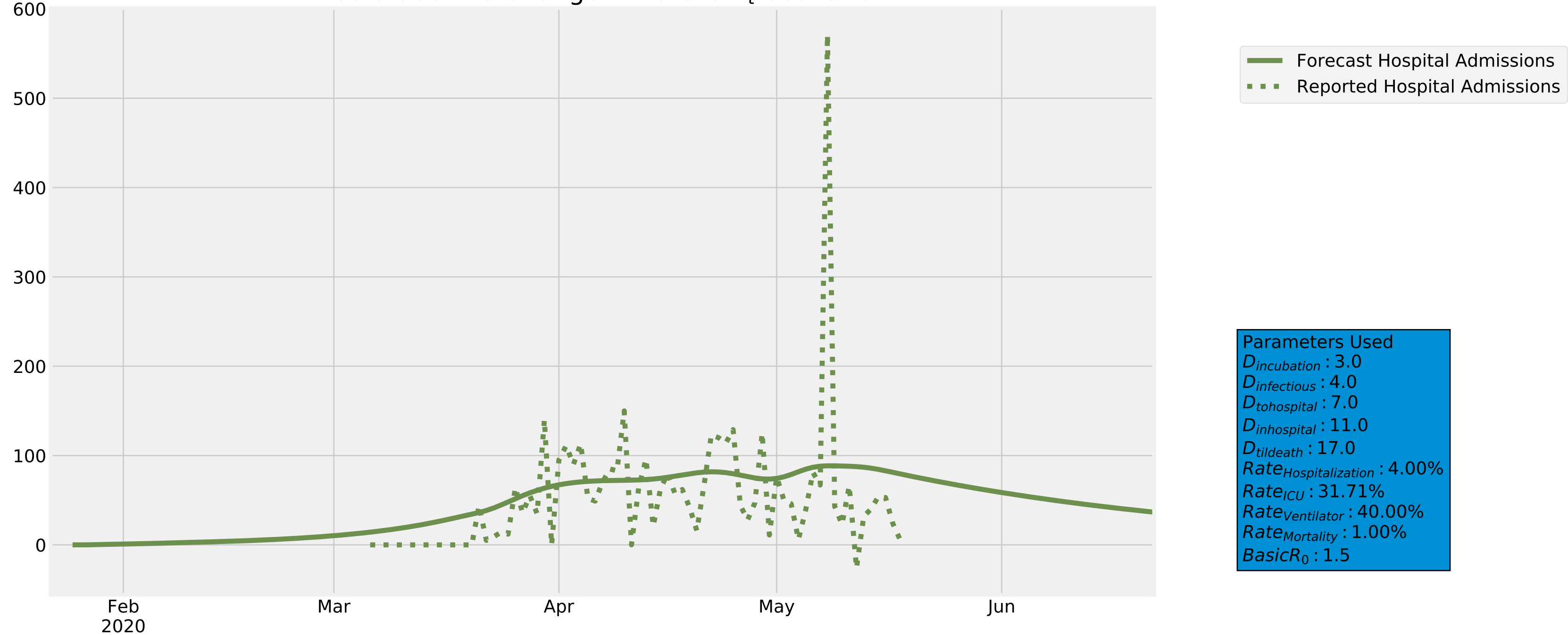


Forecast Daily New Infections (Exposed)  
Reported Daily New Infections (Exposed)

Parameters Used  
 $D_{incubation}$  : 3.0  
 $D_{infectious}$  : 4.0  
 $D_{tohospital}$  : 7.0  
 $D_{inhospital}$  : 11.0  
 $D_{tildeath}$  : 17.0  
 $Rate_{Hospitalization}$  : 4.00%  
 $Rate_{ICU}$  : 31.71%  
 $Rate_{ventilator}$  : 40.00%  
 $Rate_{Mortality}$  : 1.00%  
 $BasicR_0$  : 1.5

Author: Michael Donnelly (twtr: @donnellymjd)  
Chart created on 19 May 2020

Daily Hospital Admissions Forecast  
Colorado: No Change in Future  $R_t$  Scenario

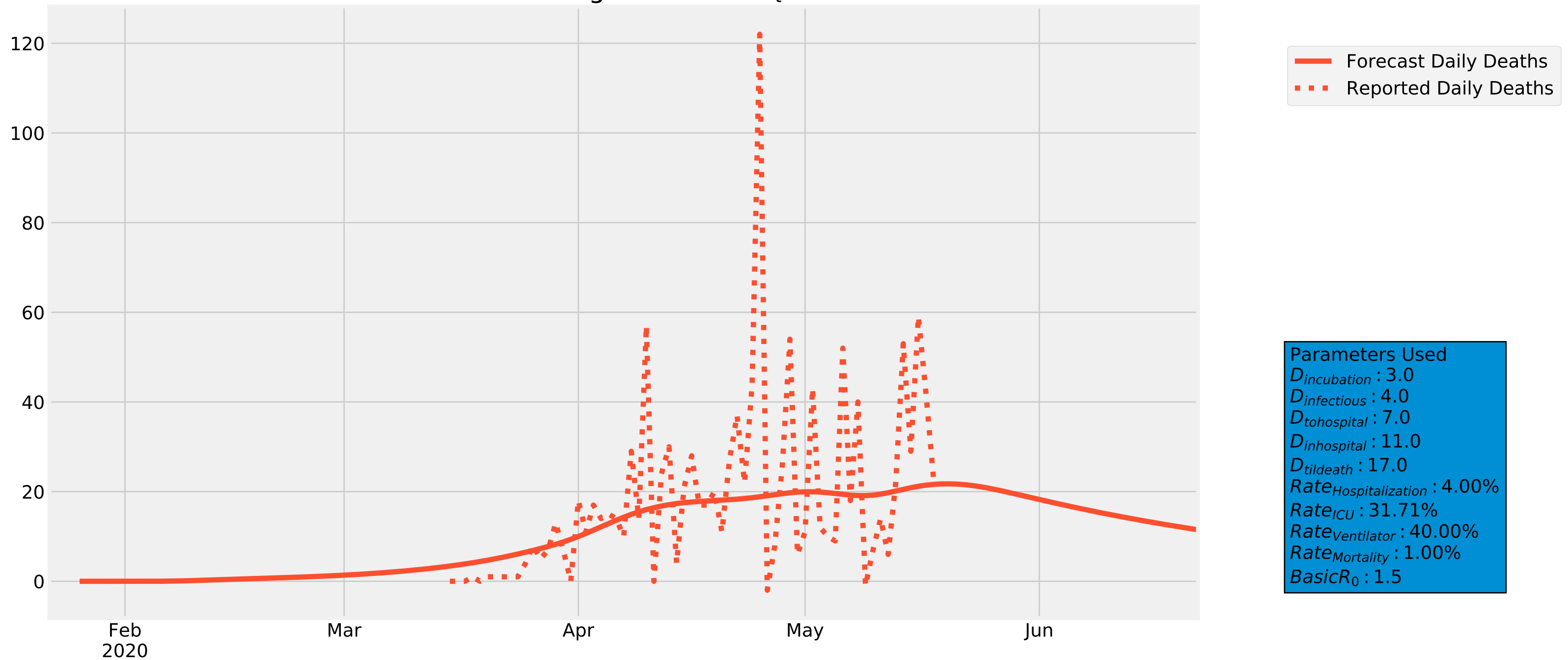


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# Daily Deaths Forecast

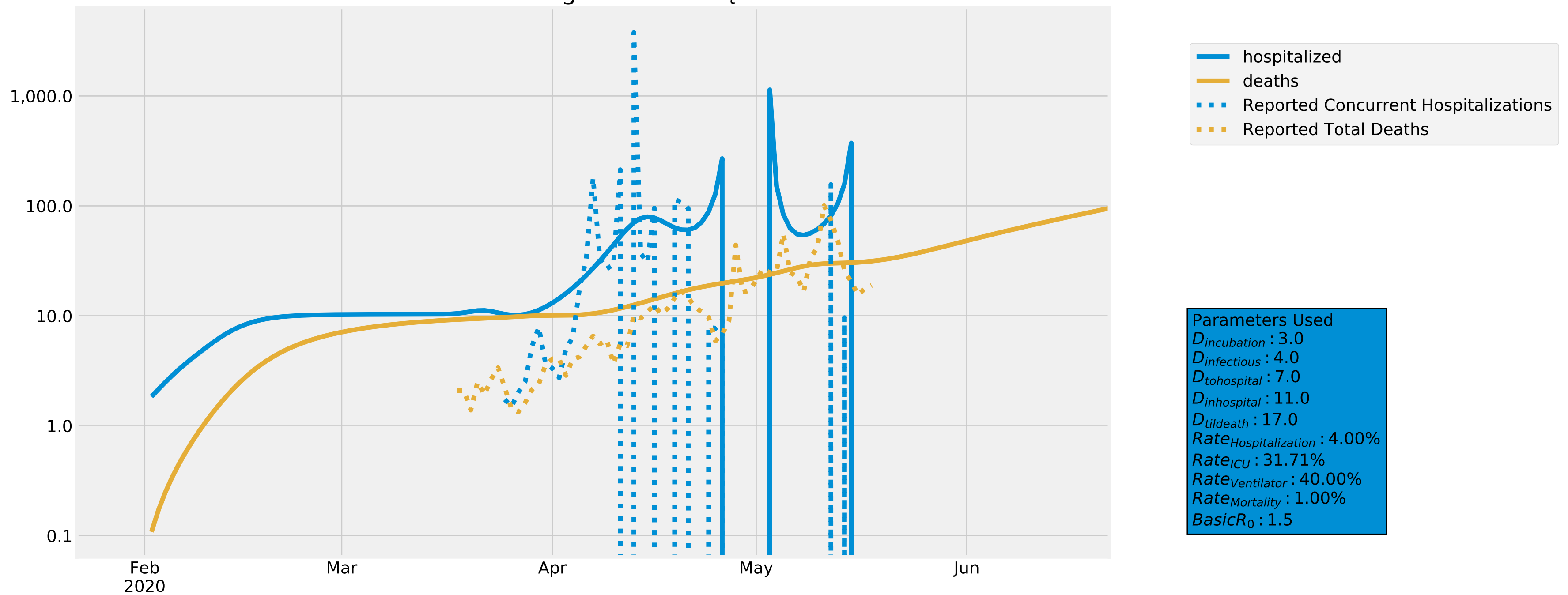
## Colorado: No Change in Future $R_t$ Scenario



Author: Michael Donnelly (twtr: @donnellymjd)  
Chart created on 19 May 2020

# Doubling Rate Forecast

## Colorado: No Change in Future $R_t$ Scenario



Author: Michael Donnelly (twtr: @donnellymjd)  
Chart created on 19 May 2020