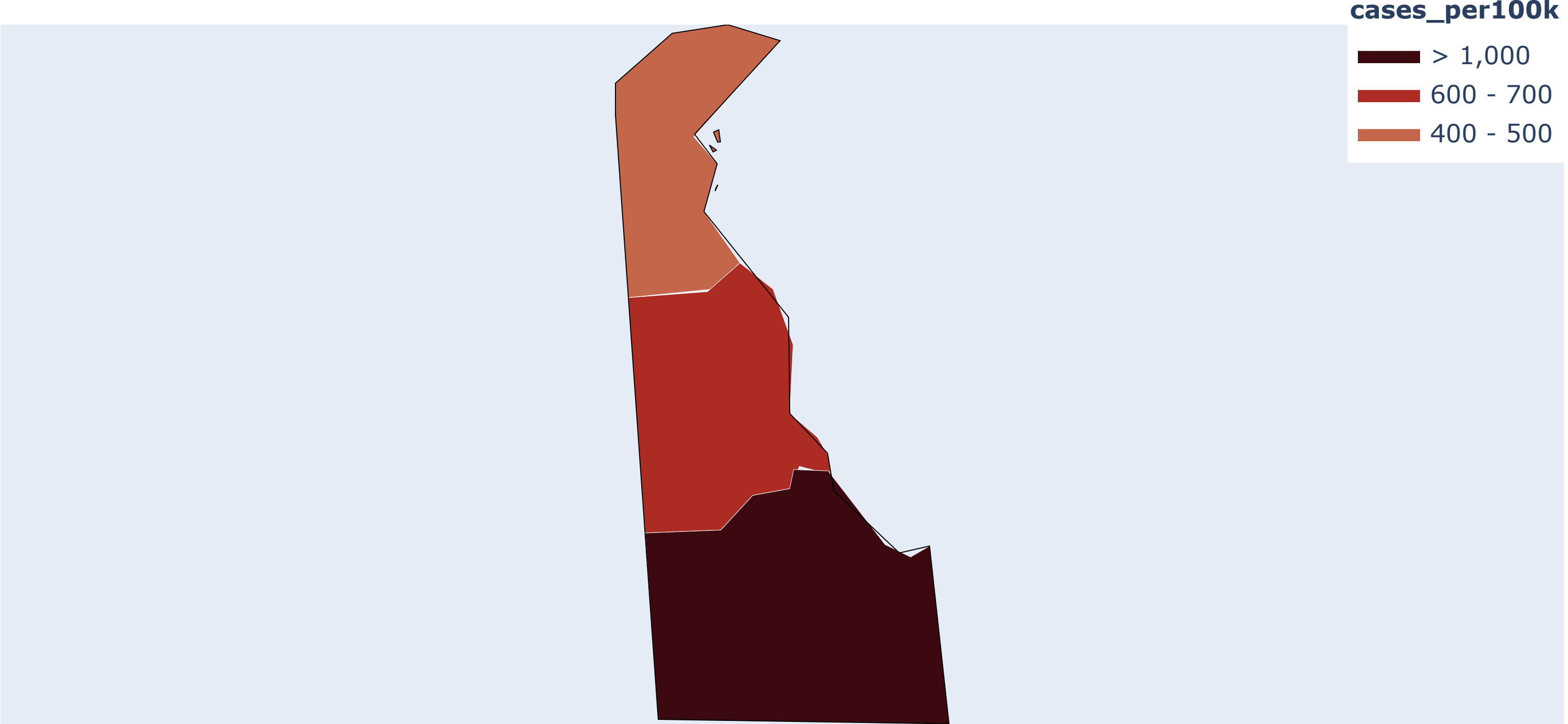
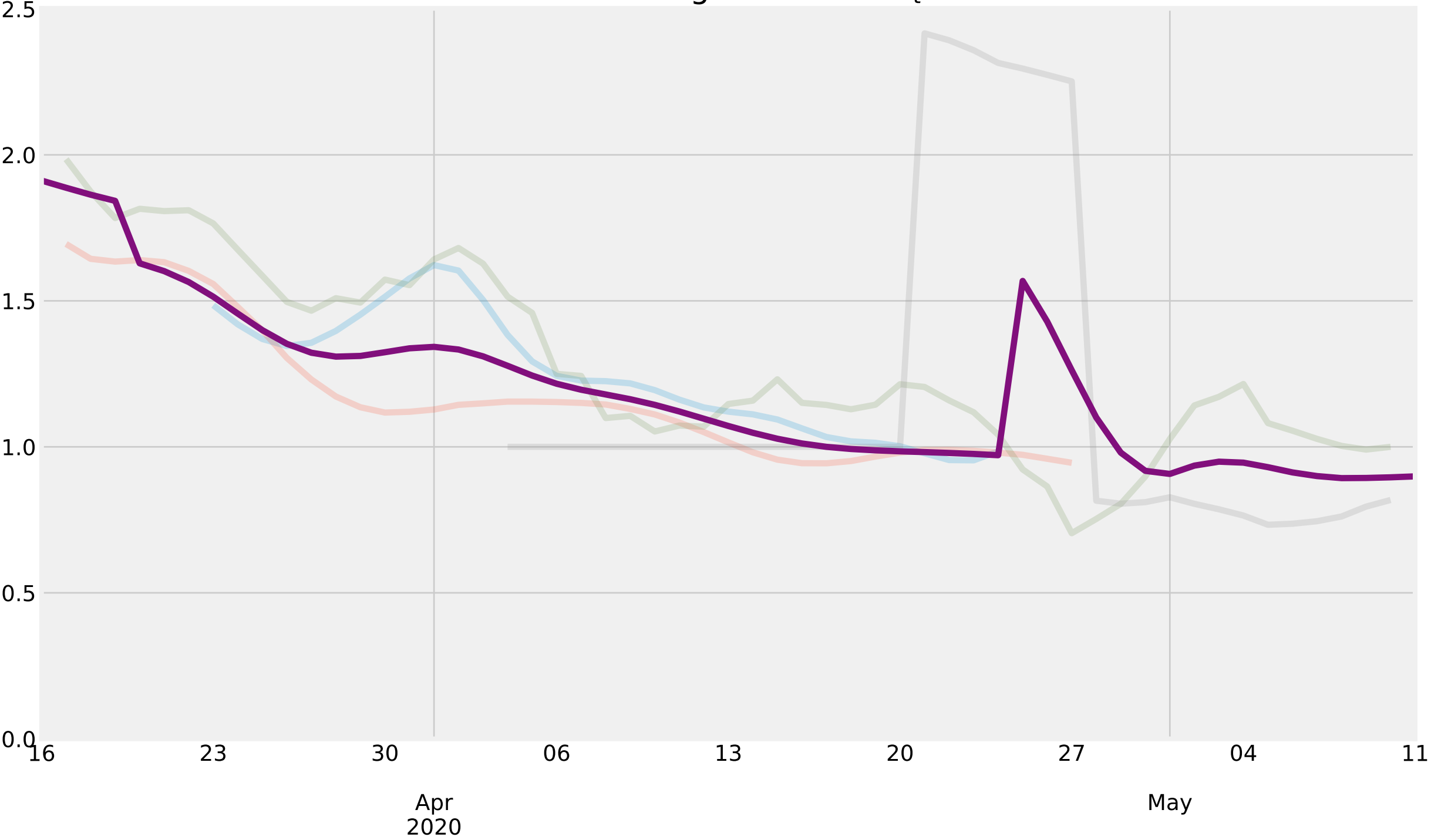


Delaware: COVID-19 Cases Per 100k Residents



Reproduction Rate (R_t) Estimates
Delaware: No Change in Future R_t Scenario



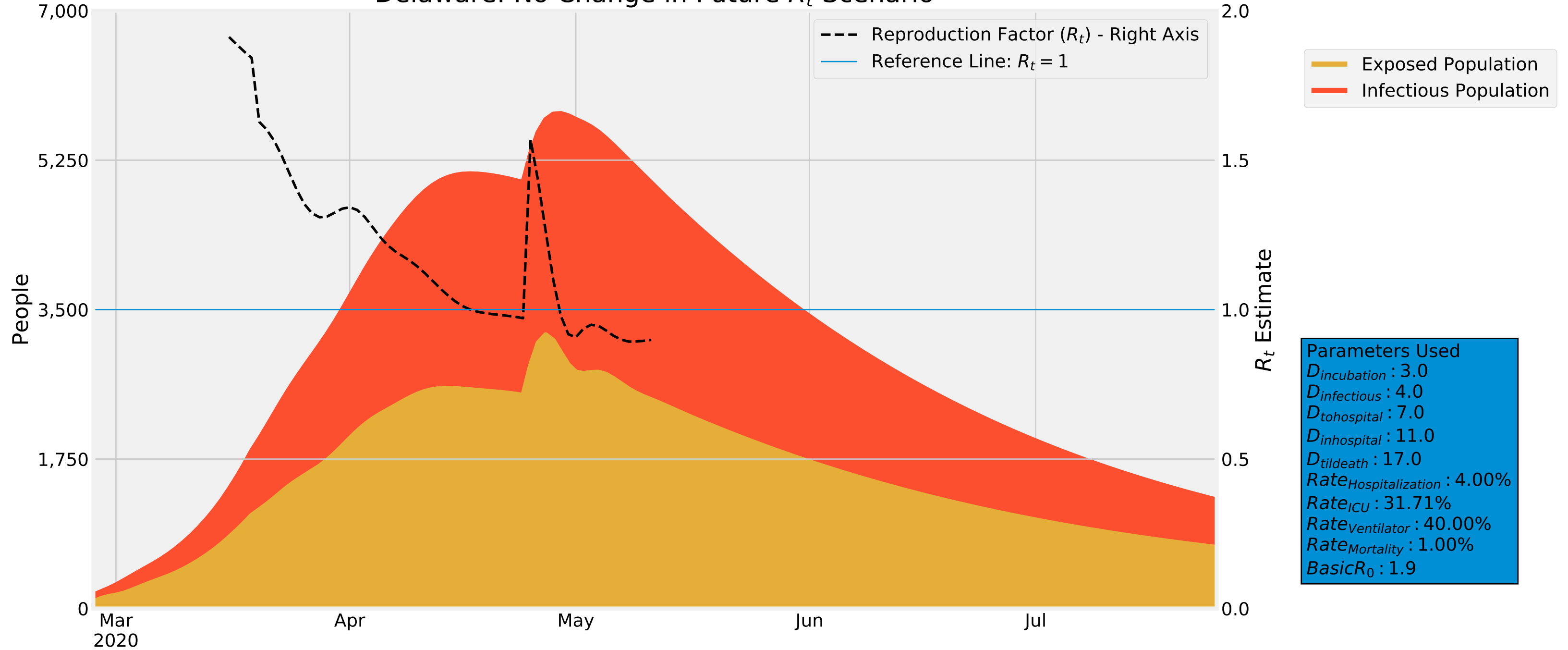
- rt_deaths_daily
- rt_hosp_concur
- rt_hosp_admits
- rt_cases_daily
- $rt_pos_test_share_daily$
- rt_joint_est

Parameters Used
 $D_{incubation} : 3.0$
 $D_{infectious} : 4.0$
 $D_{tohospital} : 7.0$
 $D_{inhospital} : 11.0$
 $D_{tildeath} : 17.0$
 $Rate_{Hospitalization} : 4.00\%$
 $Rate_{ICU} : 31.71\%$
 $Rate_{Ventilator} : 40.00\%$
 $Rate_{Mortality} : 1.00\%$
 $BasicR_0 : 1.9$

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

Simultaneous Infections Forecast

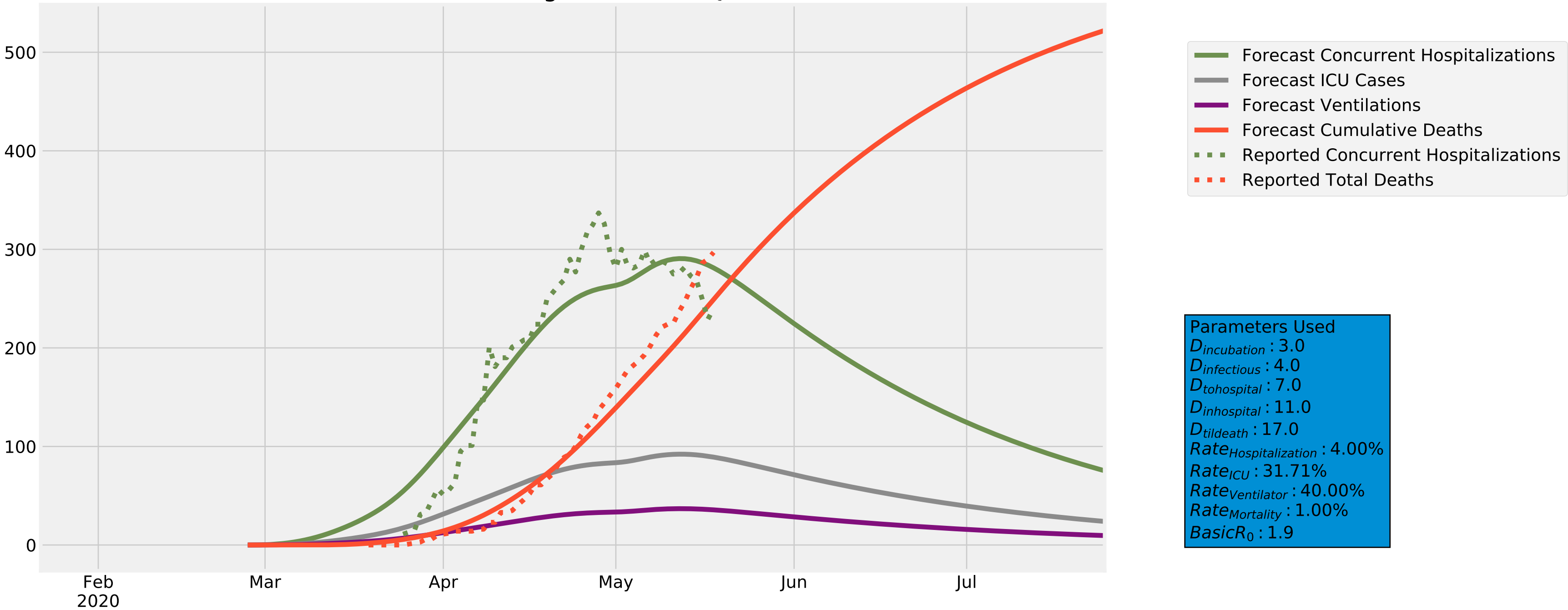
Delaware: No Change in Future R_t Scenario



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

Hospitalization and Deaths Forecast

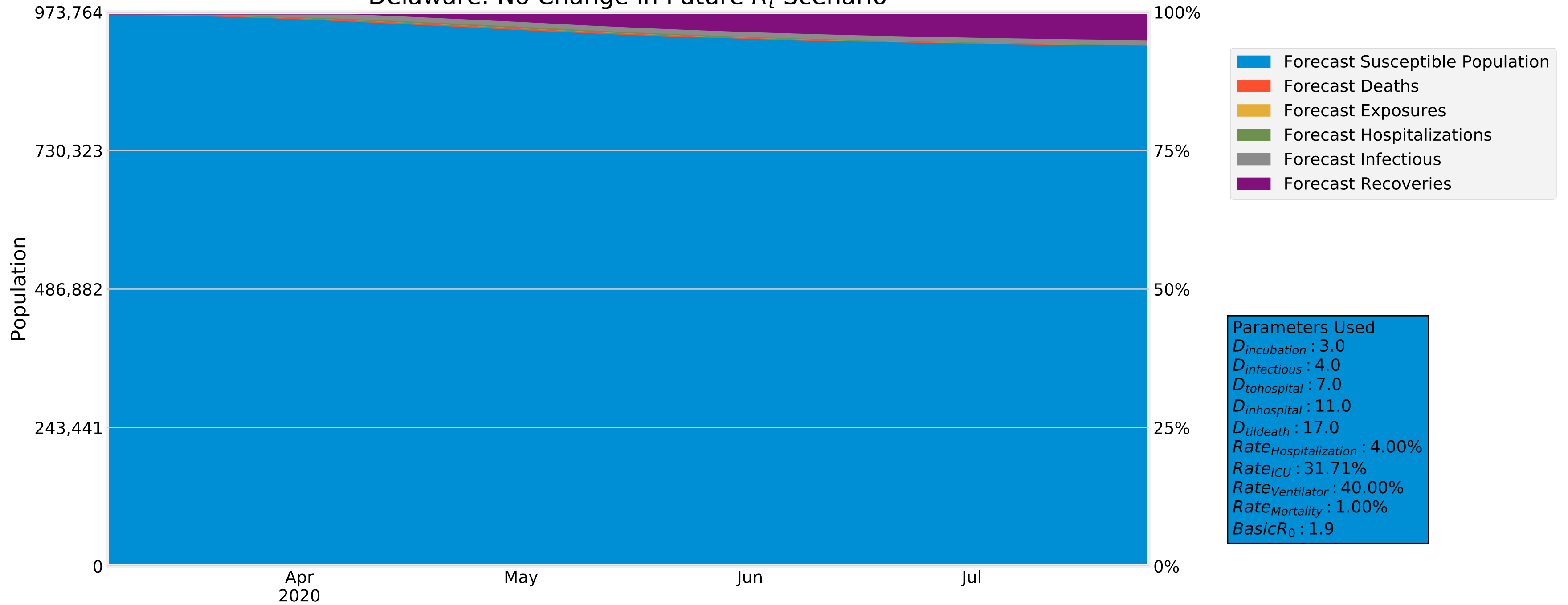
Delaware: No Change in Future R_t Scenario



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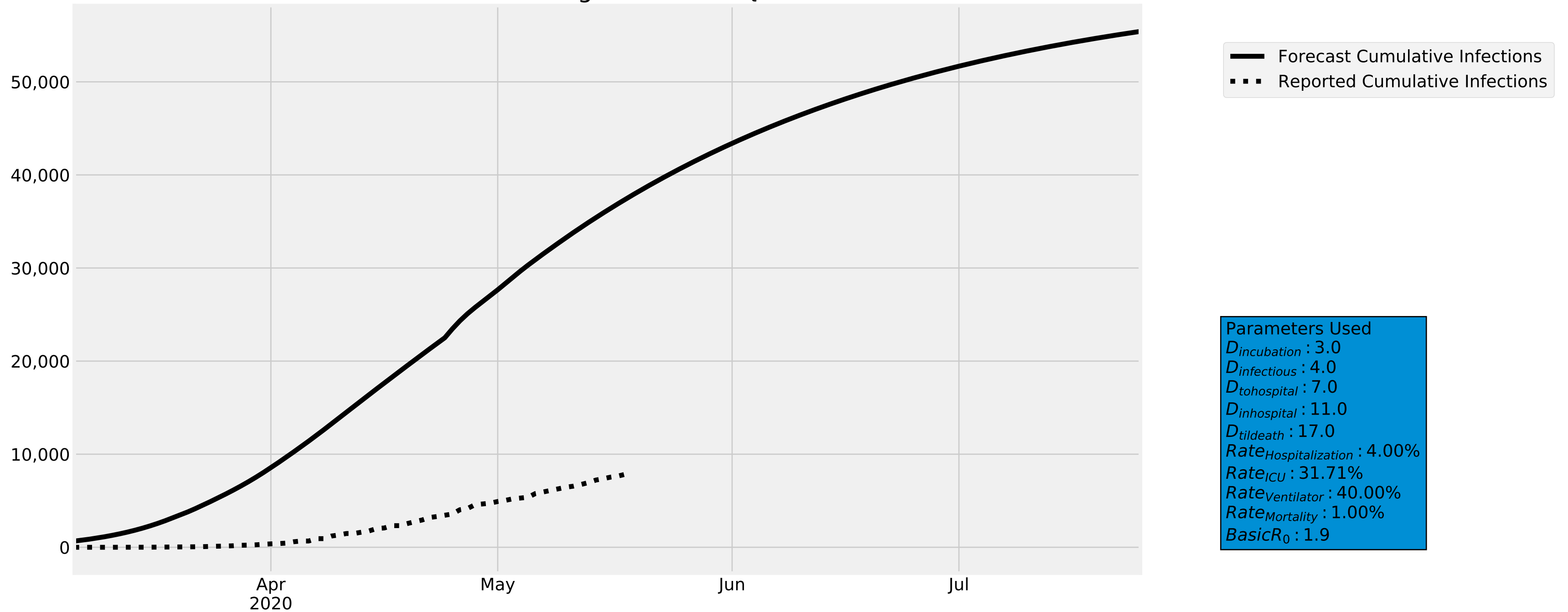
Population Overview Forecast

Delaware: No Change in Future R_t Scenario



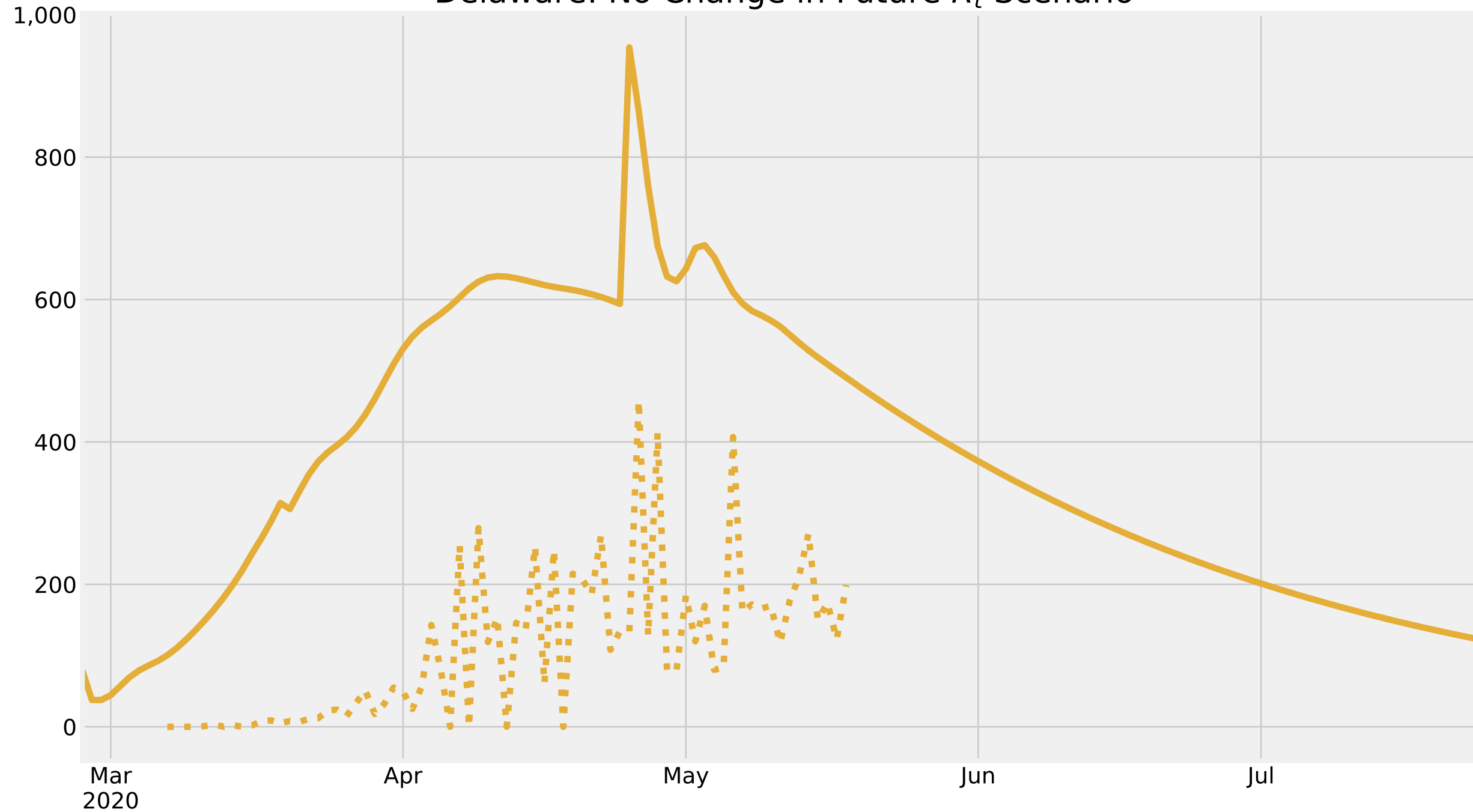
Cumulative Infections Forecast

Delaware: No Change in Future R_t Scenario



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Daily Exposures Forecast Delaware: No Change in Future R_t Scenario

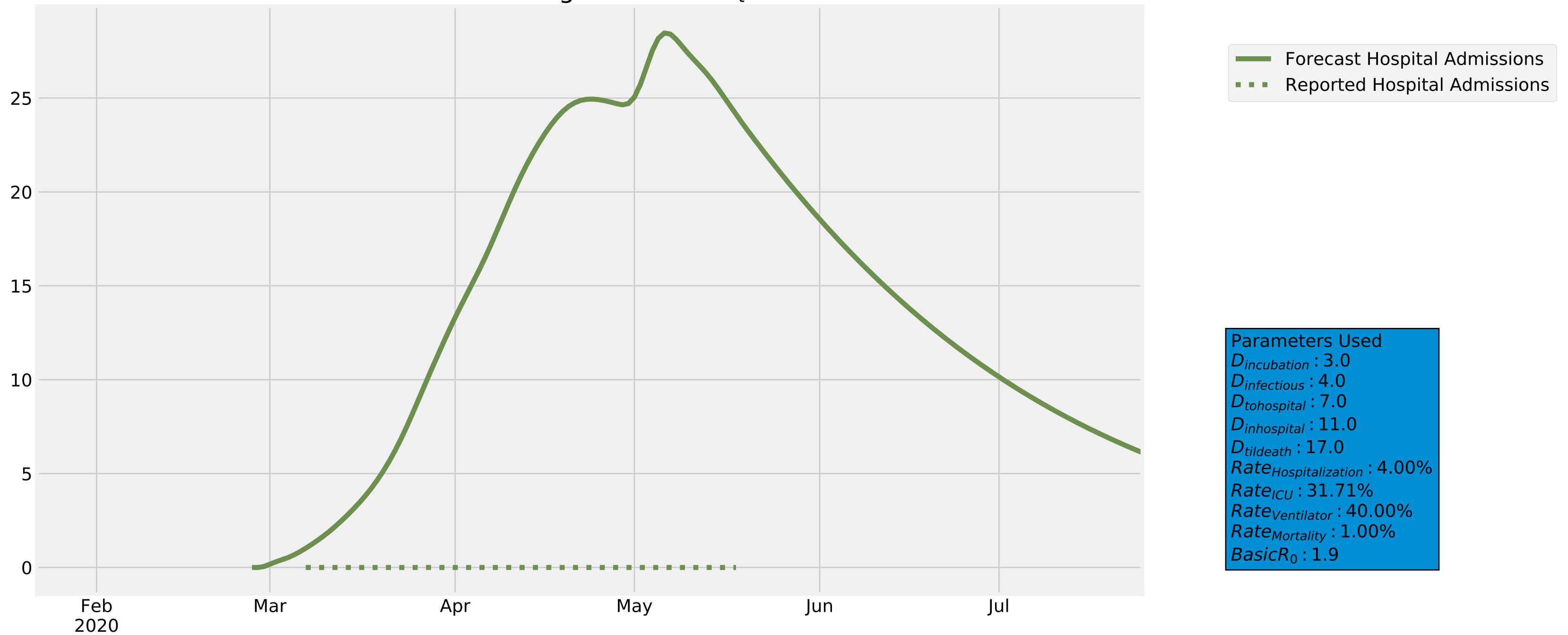


Forecast Daily New Infections (Exposed)
Reported Daily New Infections (Exposed)

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%
 $BasicR_0$: 1.9

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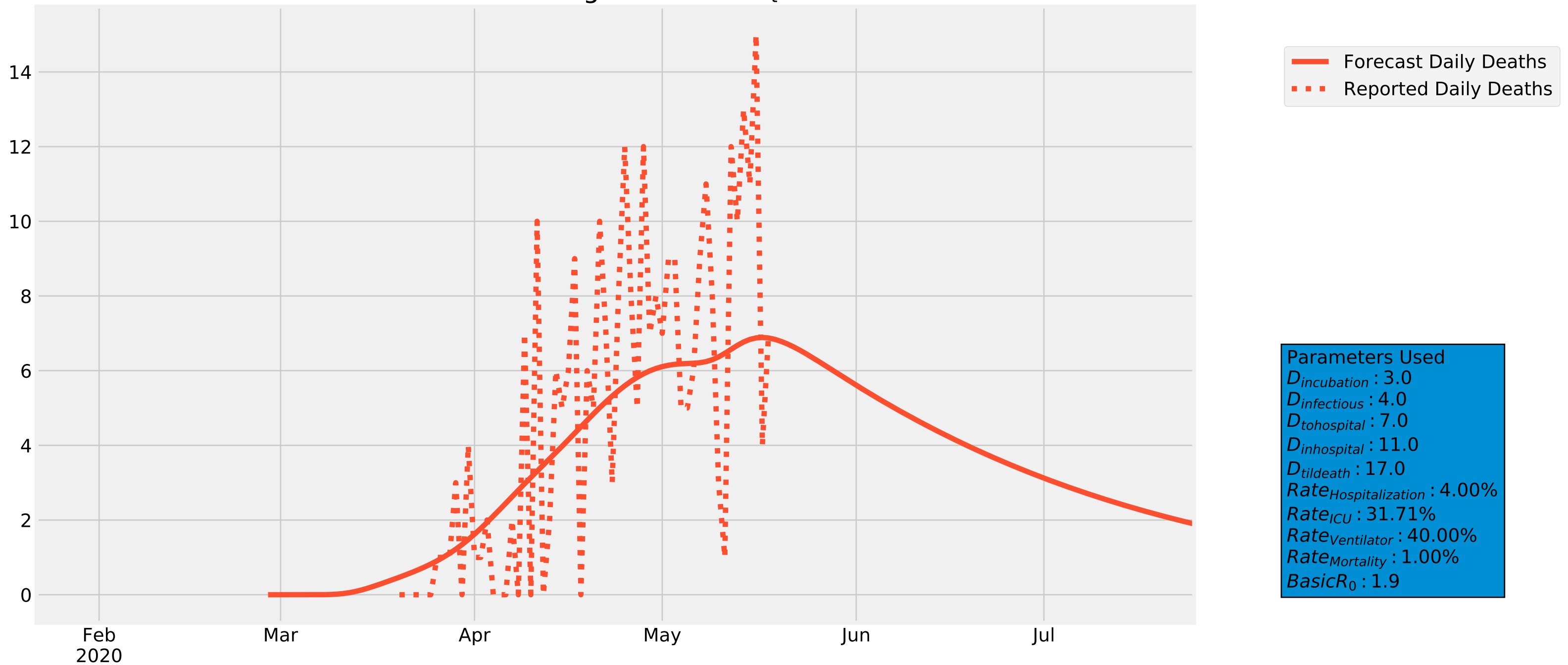
Daily Hospital Admissions Forecast Delaware: No Change in Future R_t Scenario



Parameters Used
 $D_{incubation} : 3.0$
 $D_{infectious} : 4.0$
 $D_{tohospital} : 7.0$
 $D_{inhospital} : 11.0$
 $D_{tildeath} : 17.0$
 $Rate_{Hospitalization} : 4.00\%$
 $Rate_{ICU} : 31.71\%$
 $Rate_{ventilator} : 40.00\%$
 $Rate_{Mortality} : 1.00\%$
 $BasicR_0 : 1.9$

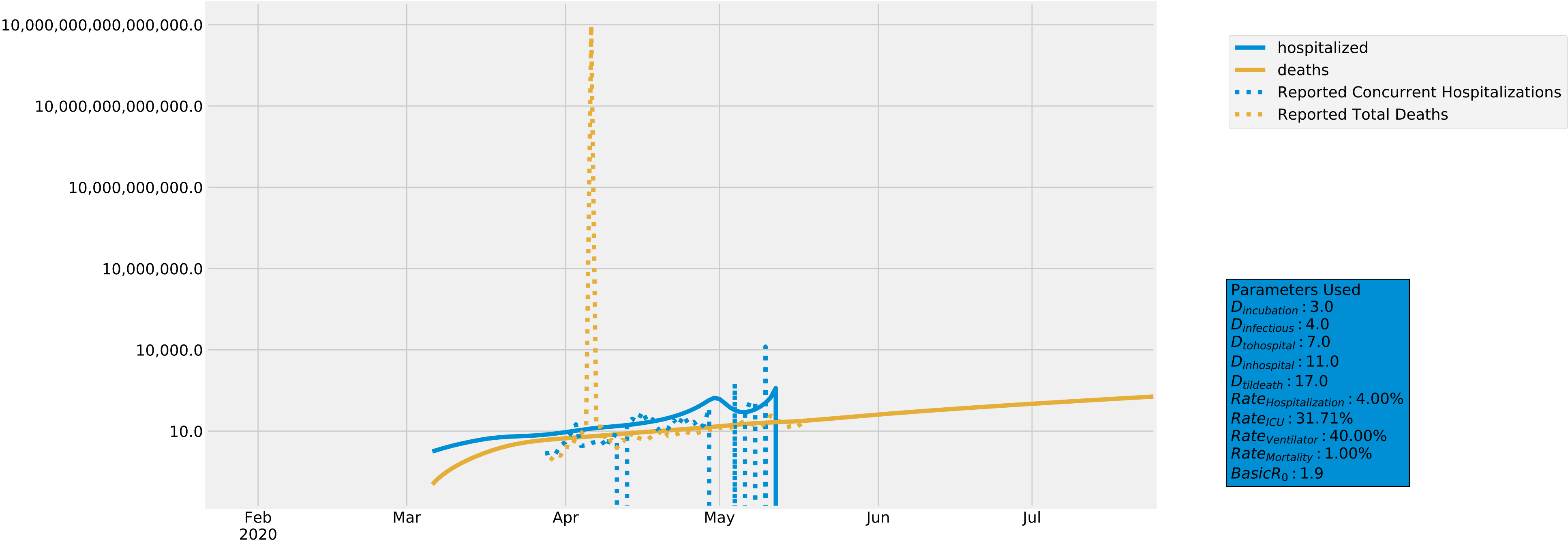
Daily Deaths Forecast

Delaware: No Change in Future R_t Scenario



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Chart created on 19 May 2020

Doubling Rate Forecast
Delaware: No Change in Future R_t Scenario



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