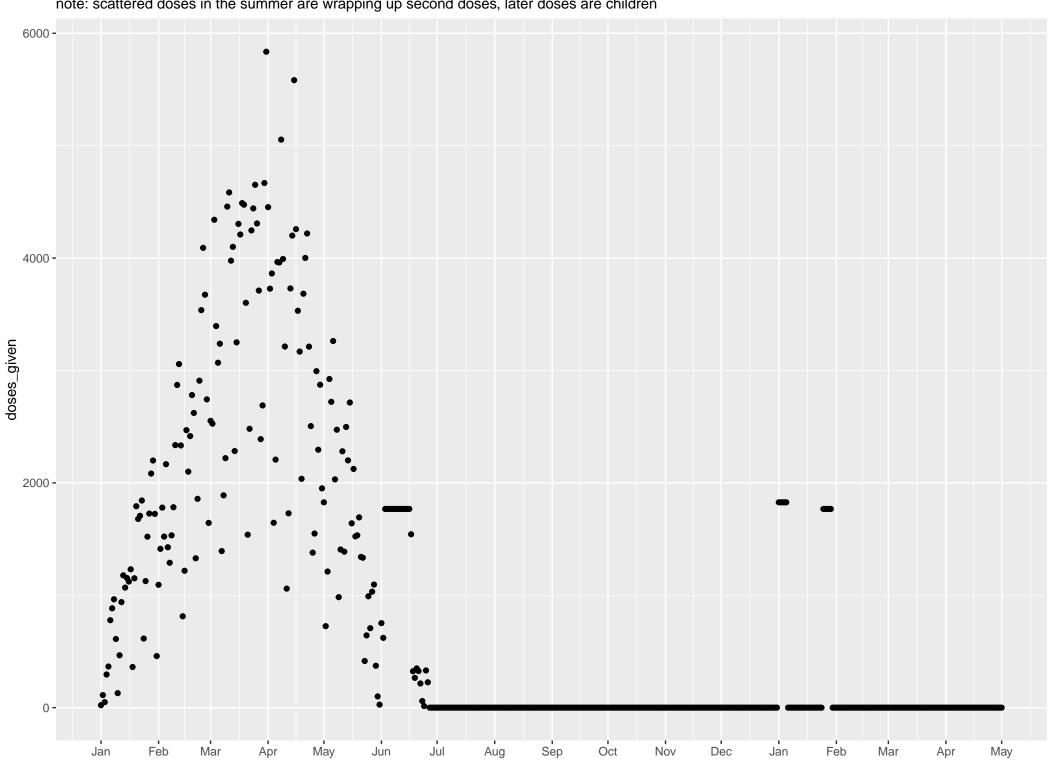
Effective contact rate relative to initial effective contact rate not including vaccine or variant effects 1.00 -0.75 -Effective Contact Rate Estimate Scenario 0.25 -Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun

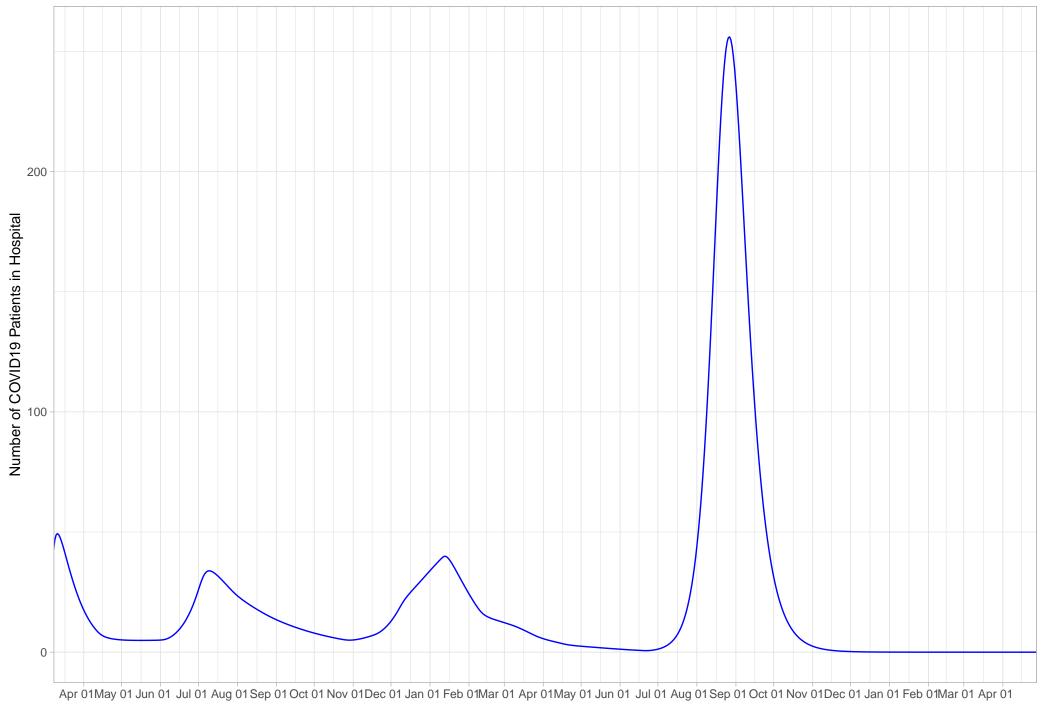
Actual and Projected Vaccines Doses

note: scattered doses in the summer are wrapping up second doses, later doses are children

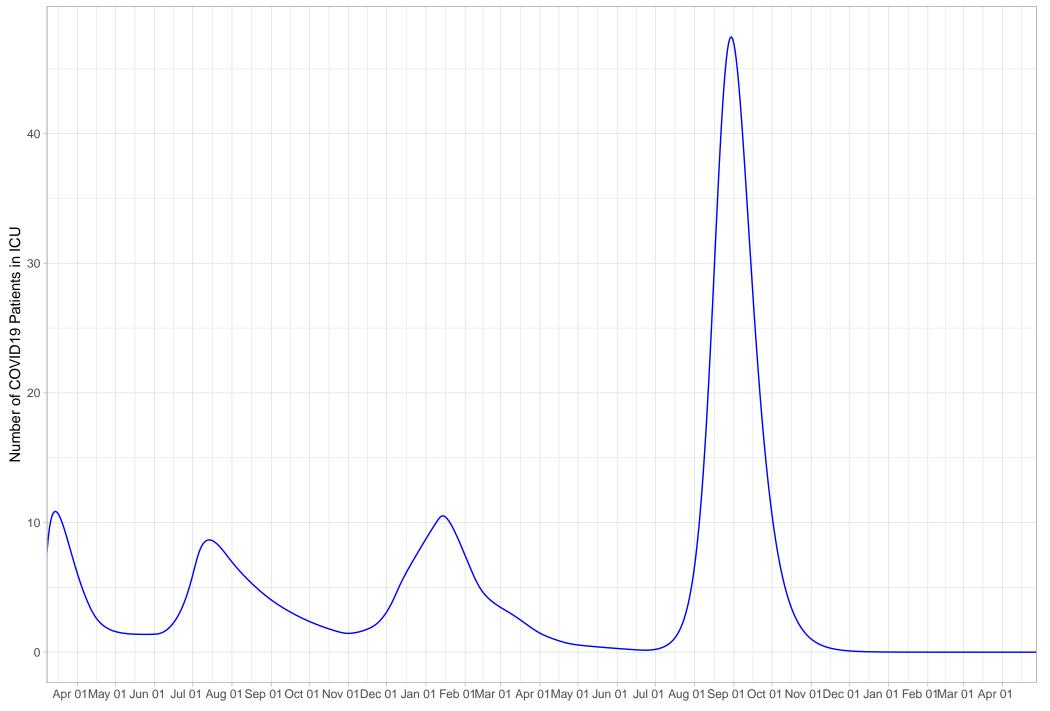




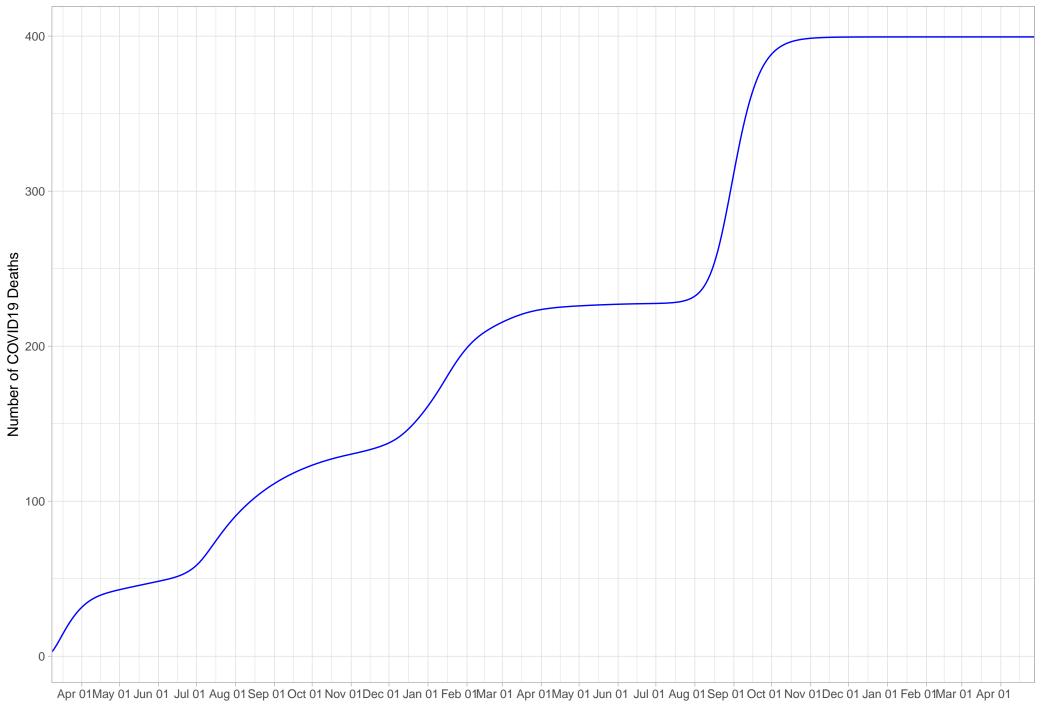




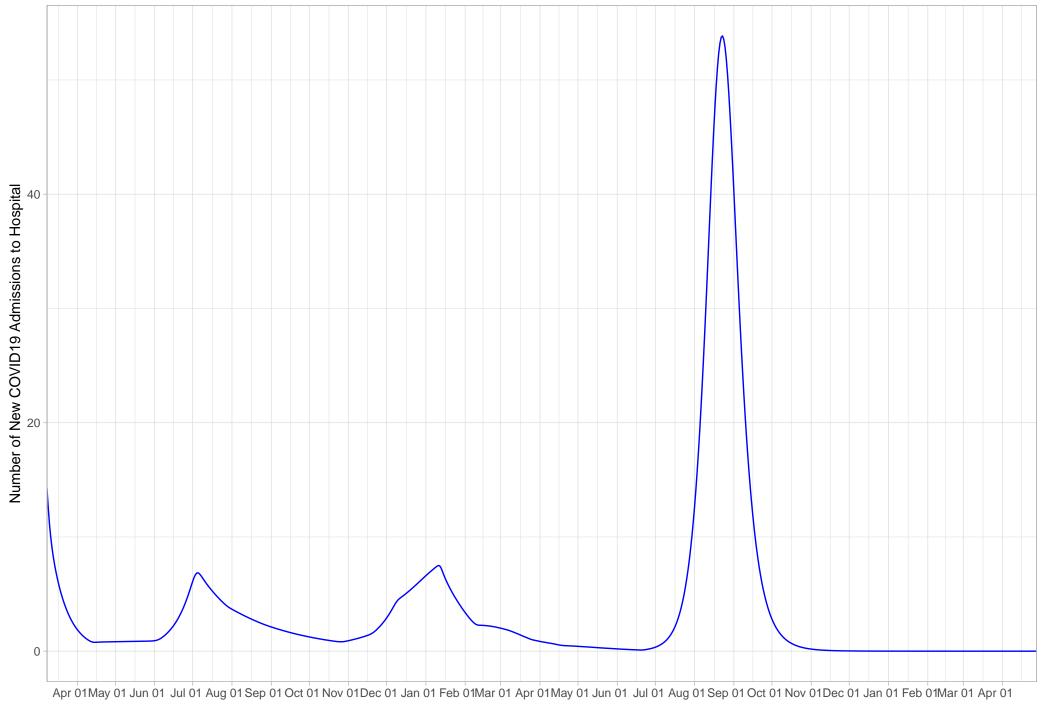




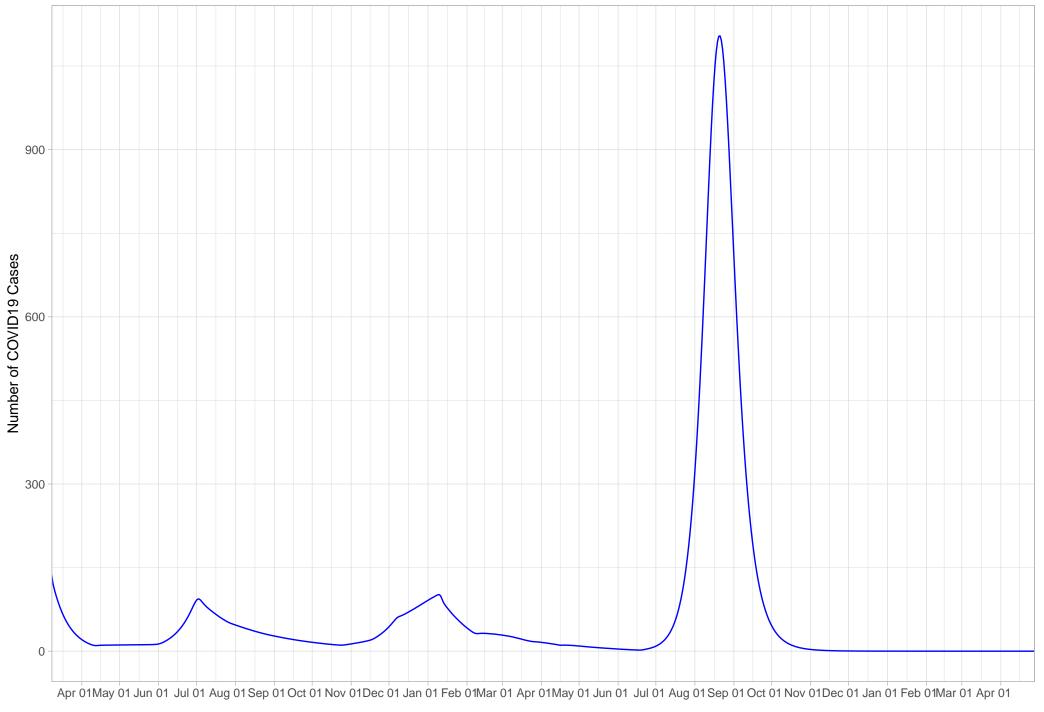












Long Term Seroprevalence Projection

