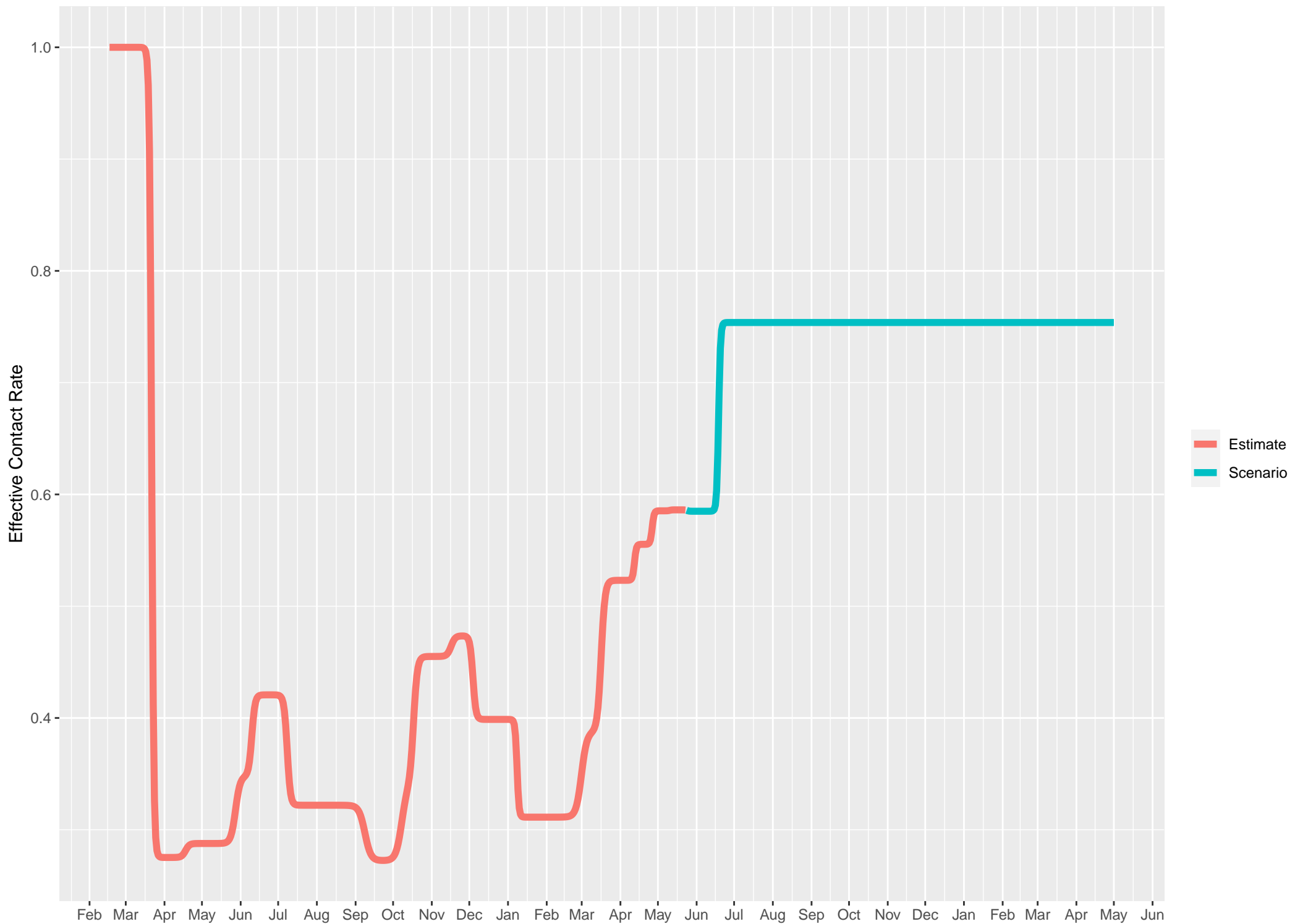
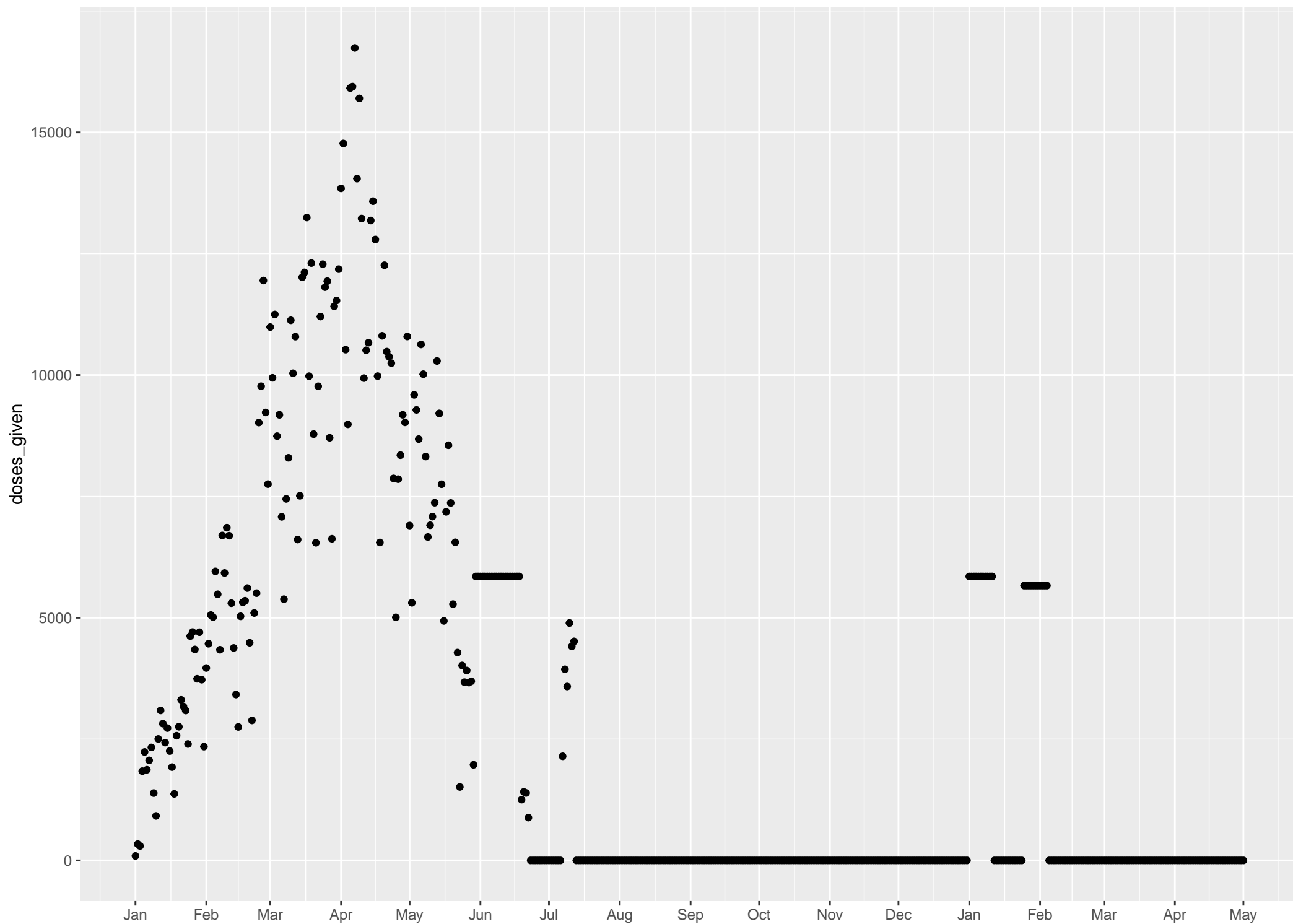


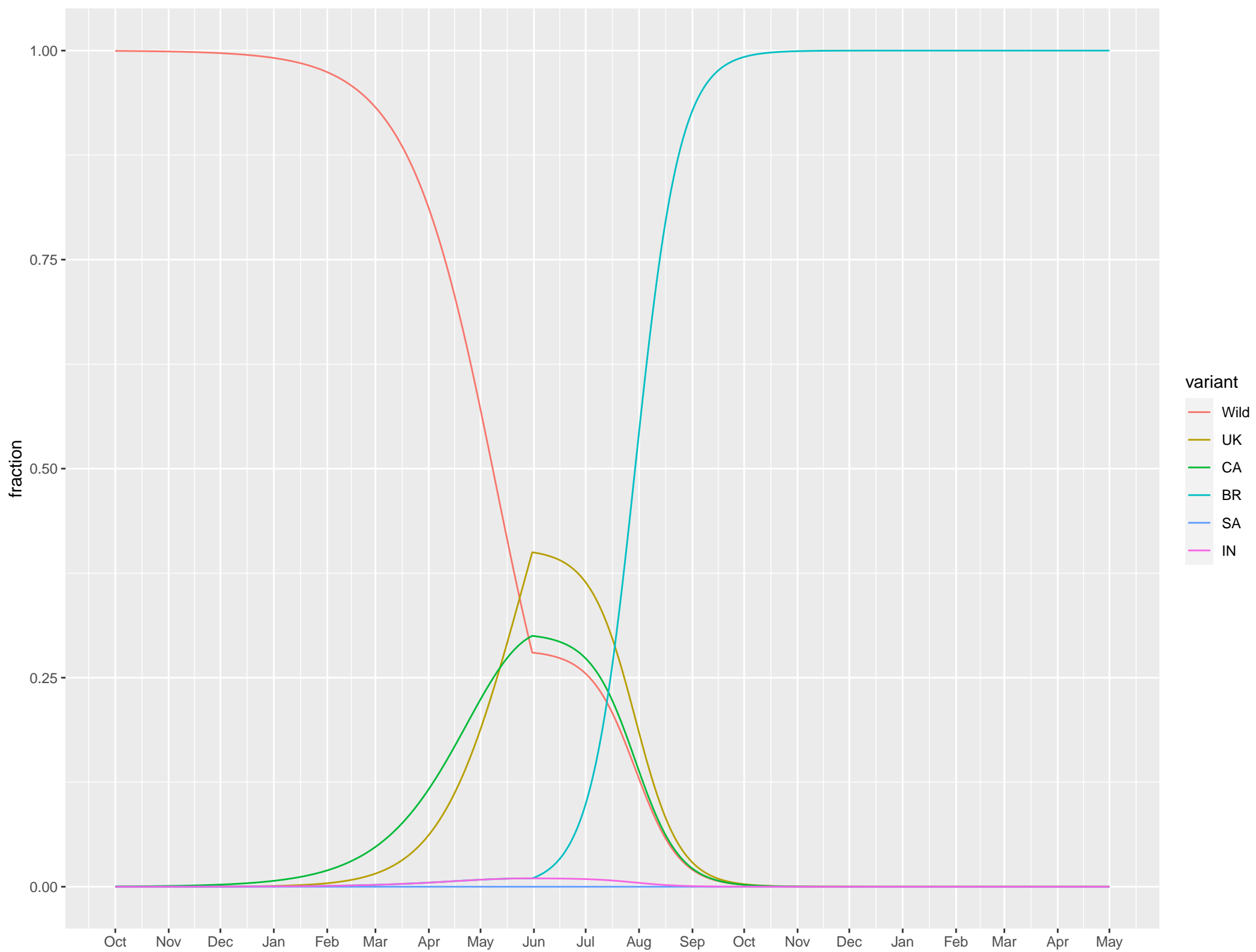
Effective contact rate relative to initial effective contact rate
not including vaccine or variant effects



Actual and Projected Vaccines Doses

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





Long Term Hospitalization Projection

Number of COVID19 Patients in Hospital

1500

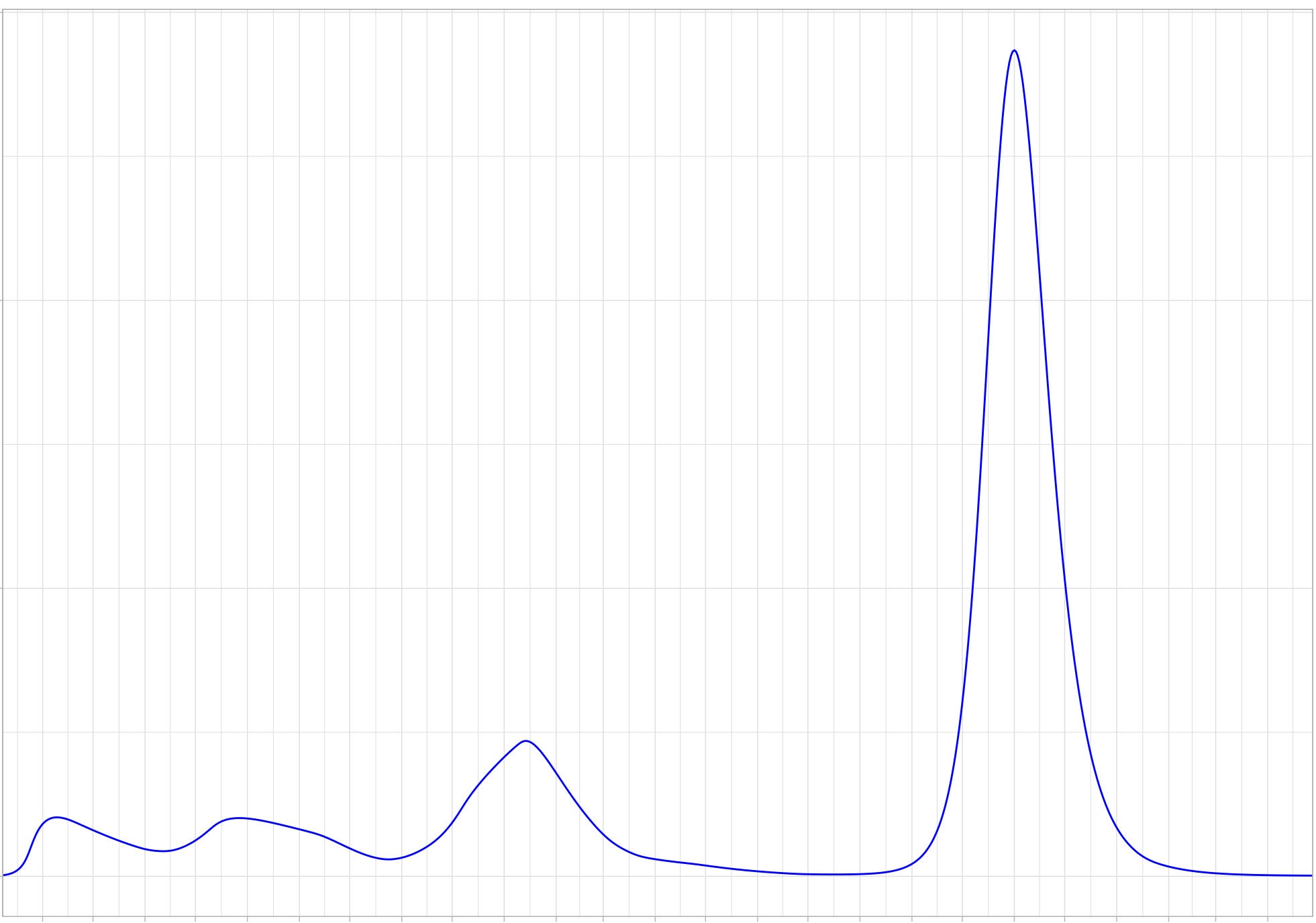
1000

500

0

Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Apr 01

Median



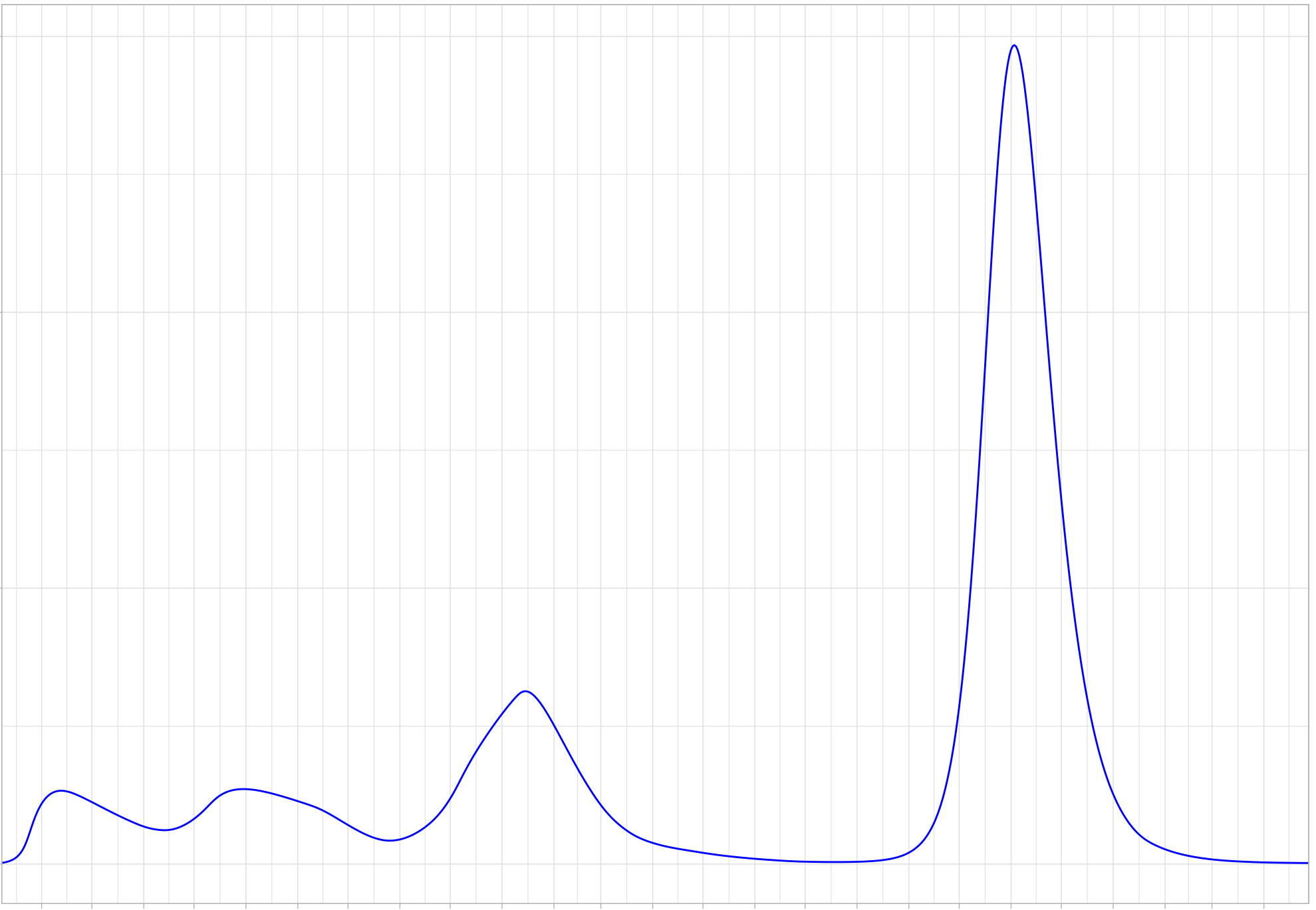
Long Term ICU Projection

Number of COVID19 Patients in ICU

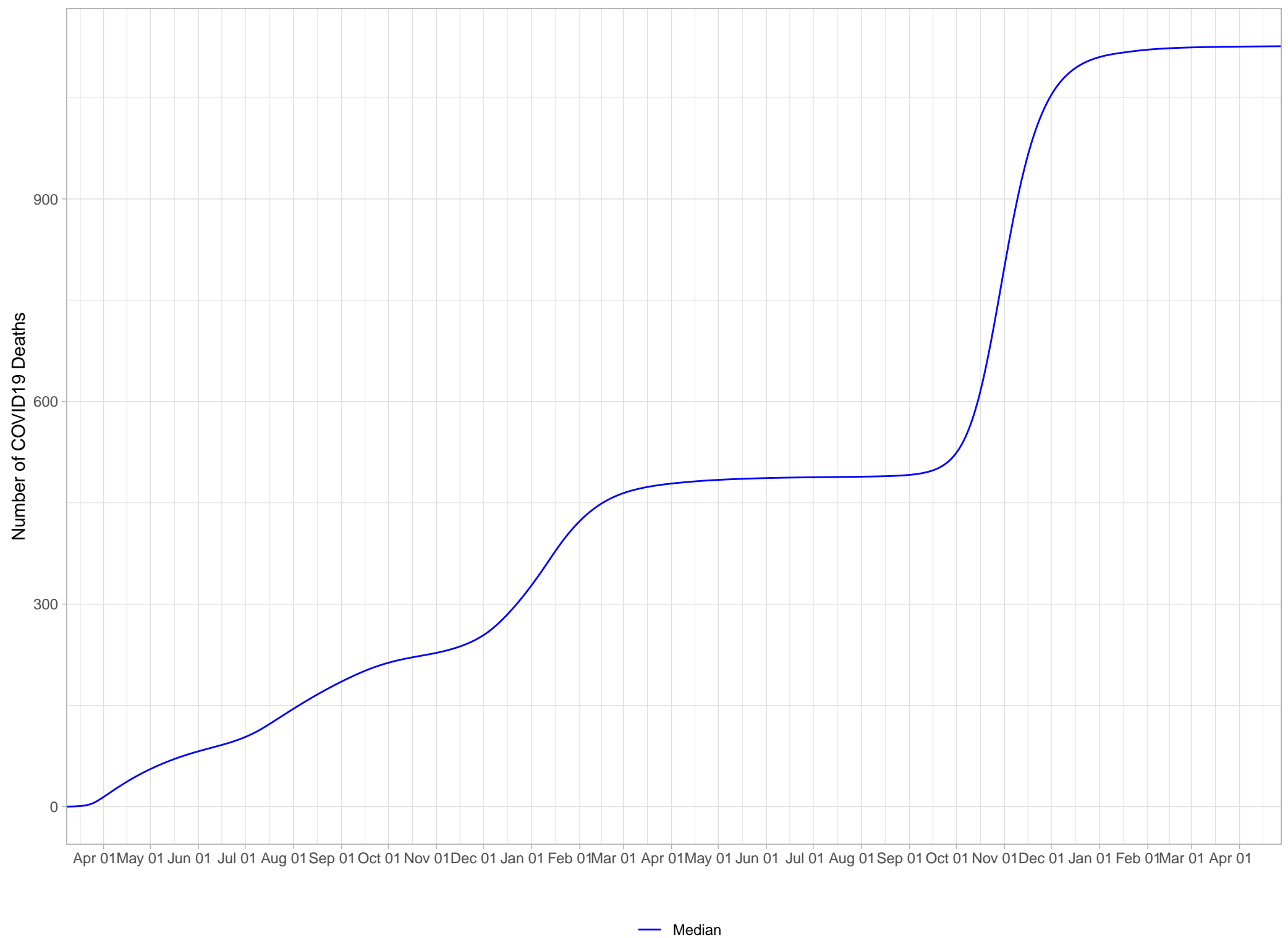
300
200
100
0

Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Apr 01

— Median

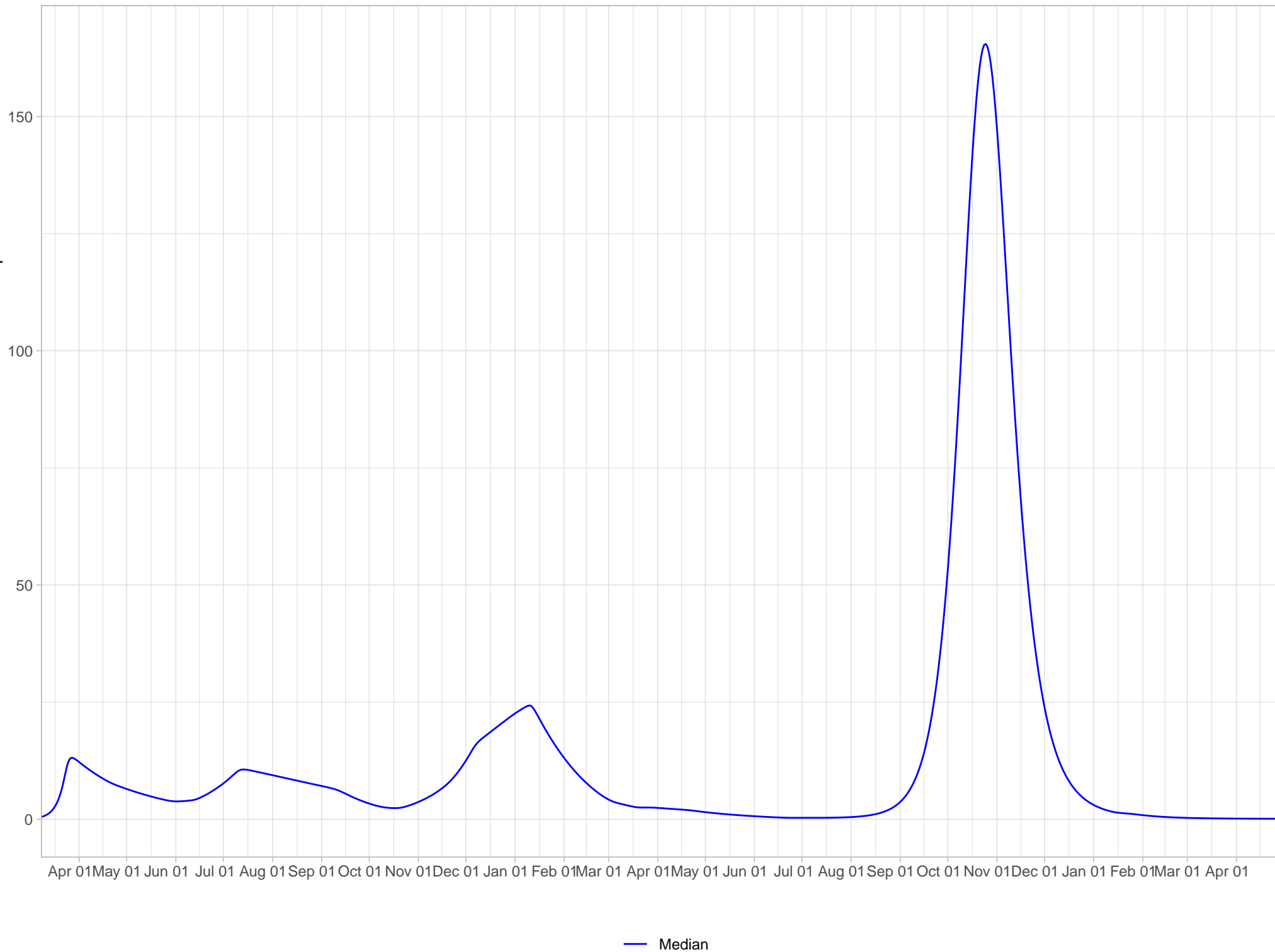


Long Term Death Projection

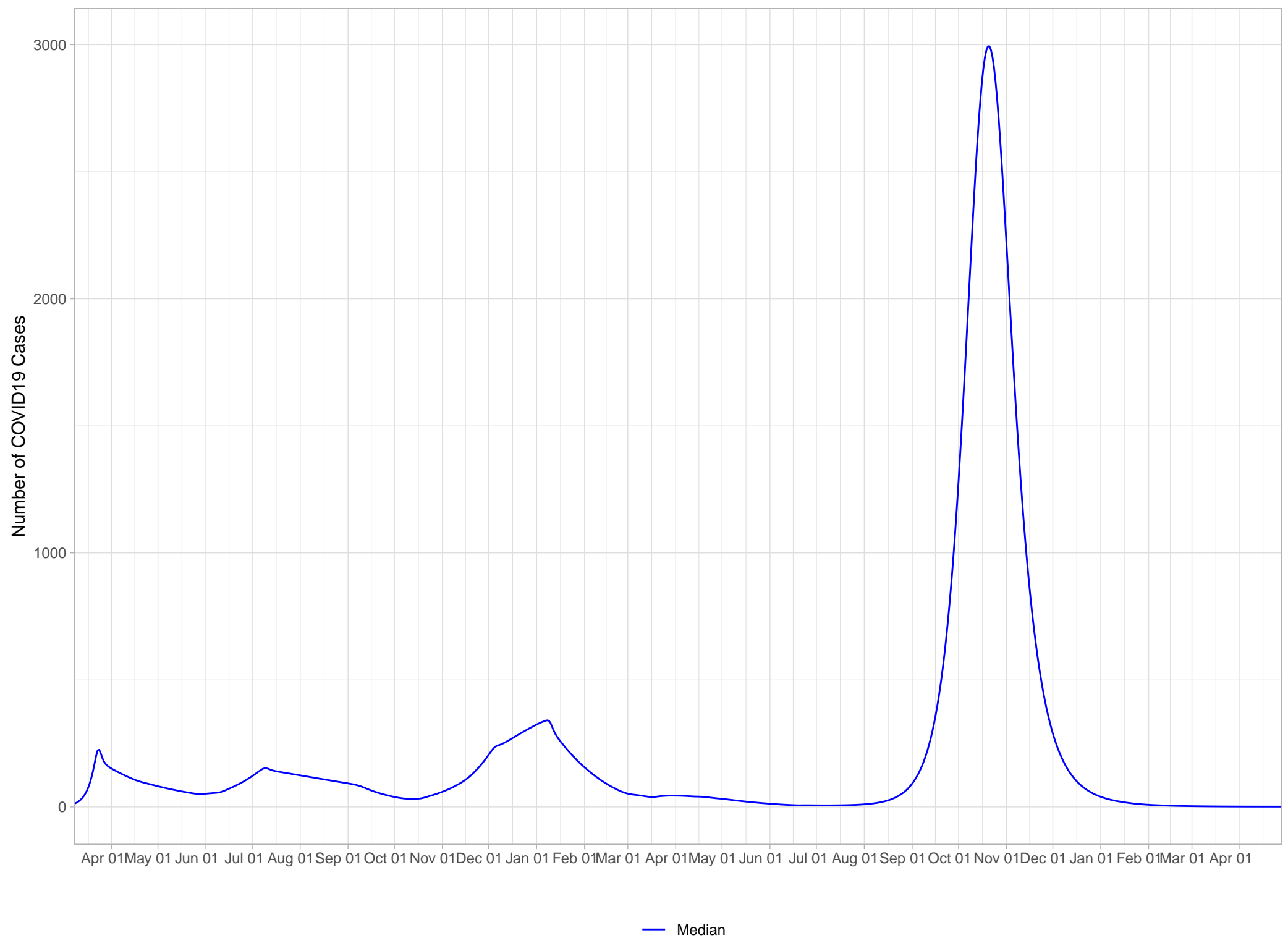


Long Term Admissions Projection

Number of New COVID19 Admissions to Hospital



Long Term Cases Projection



Long Term Seroprevalence Projection

