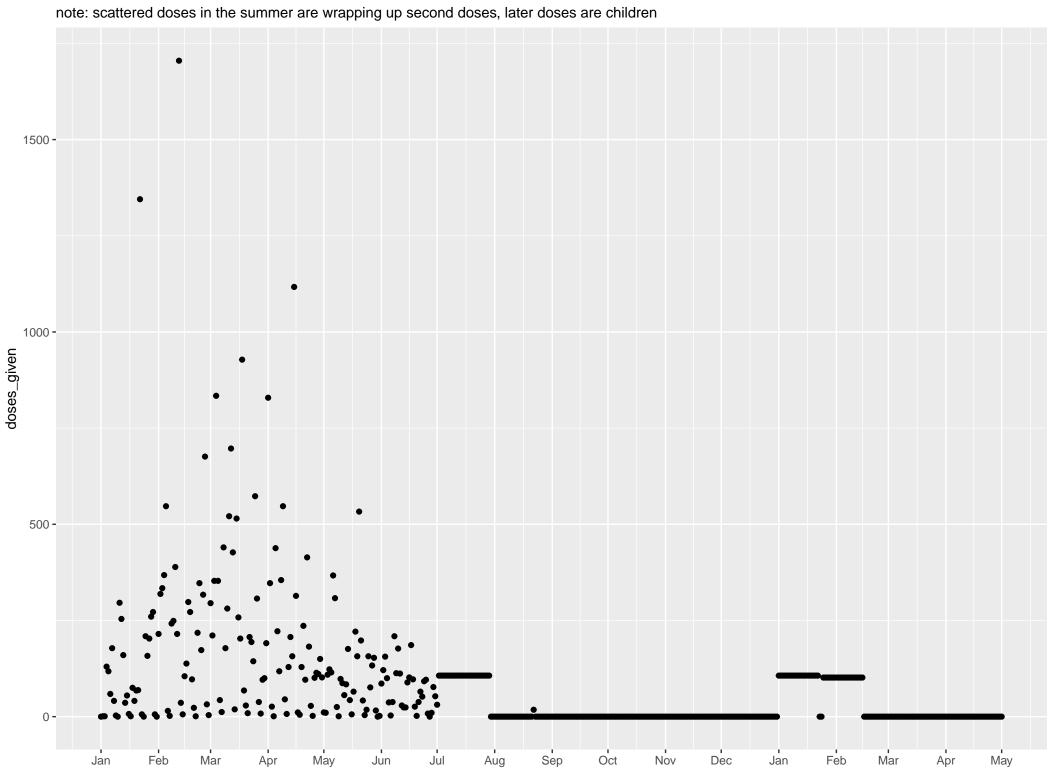
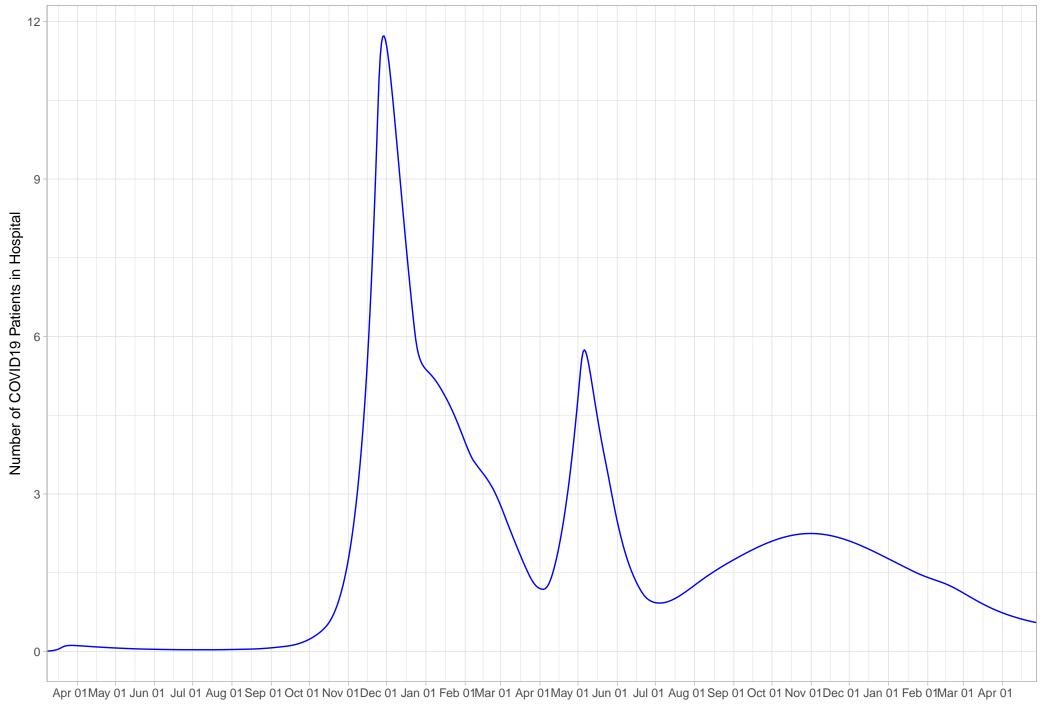
Effective contact rate relative to initial effective contact rate not including vaccine or variant effects 1.0 -0.8 -Effective Contact Rate Estimate Scenario 0.4 -Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun

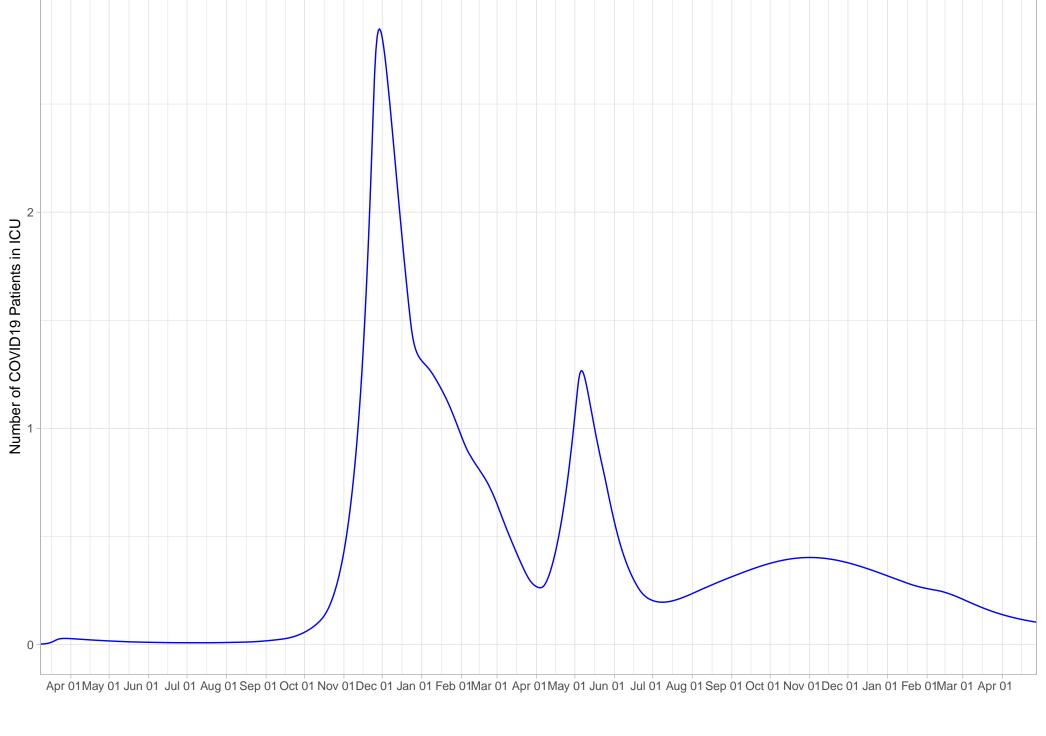




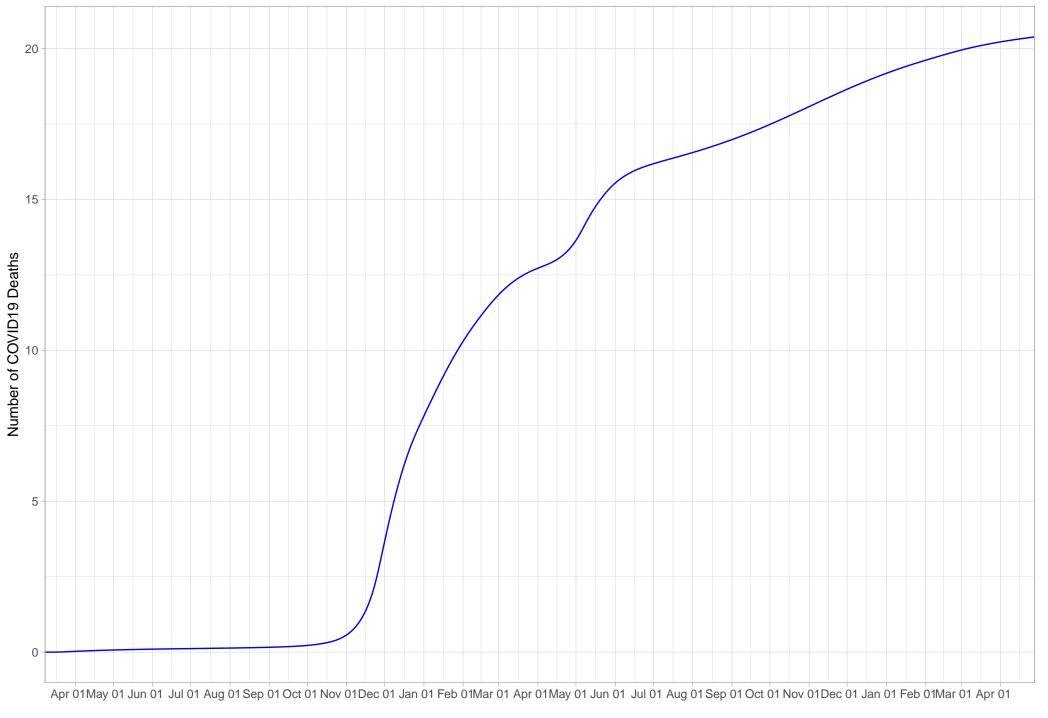




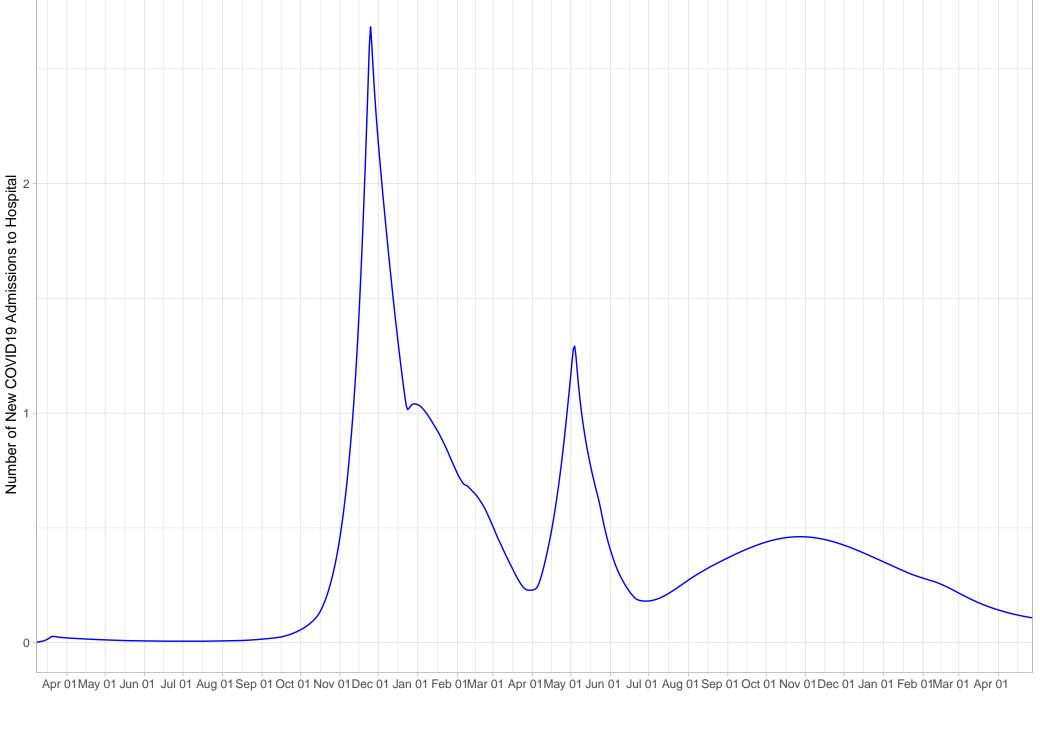




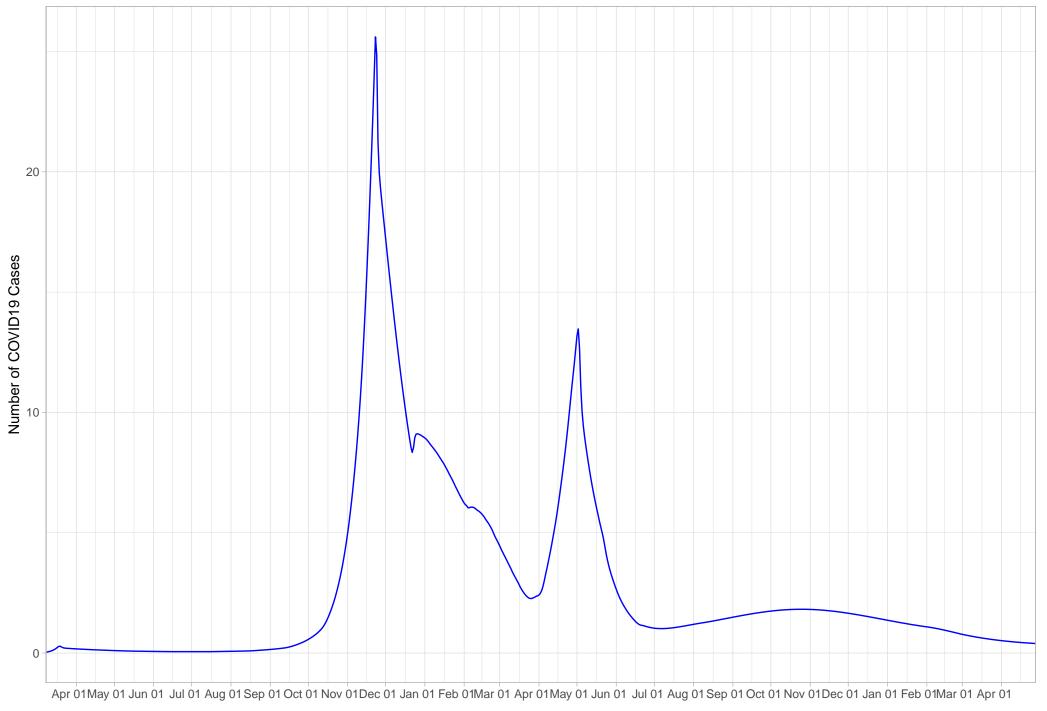




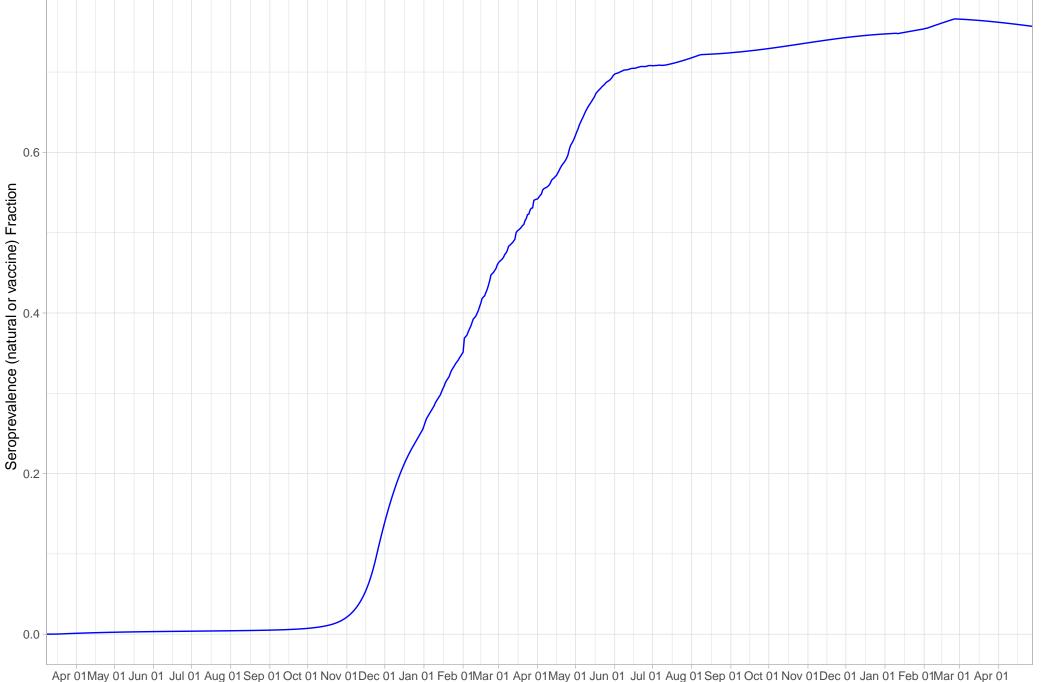
## Long Term Admissions Projection







## Long Term Seroprevalence Projection



0.8

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