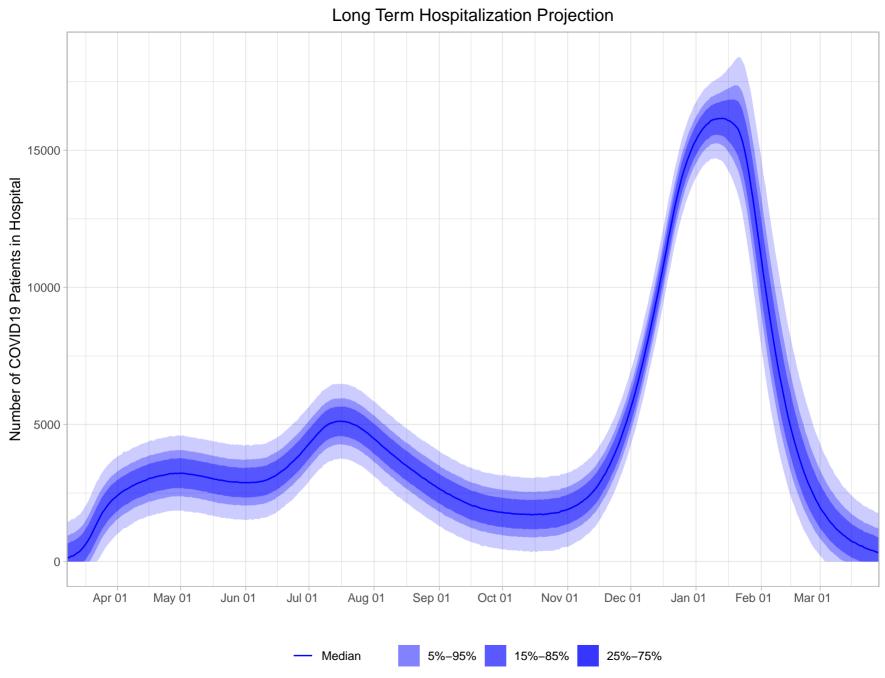
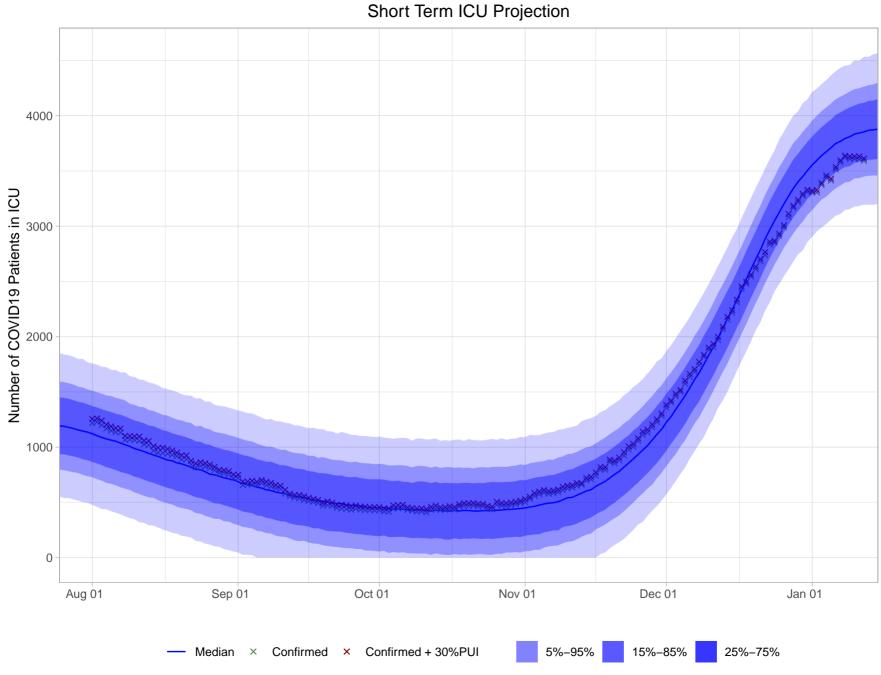
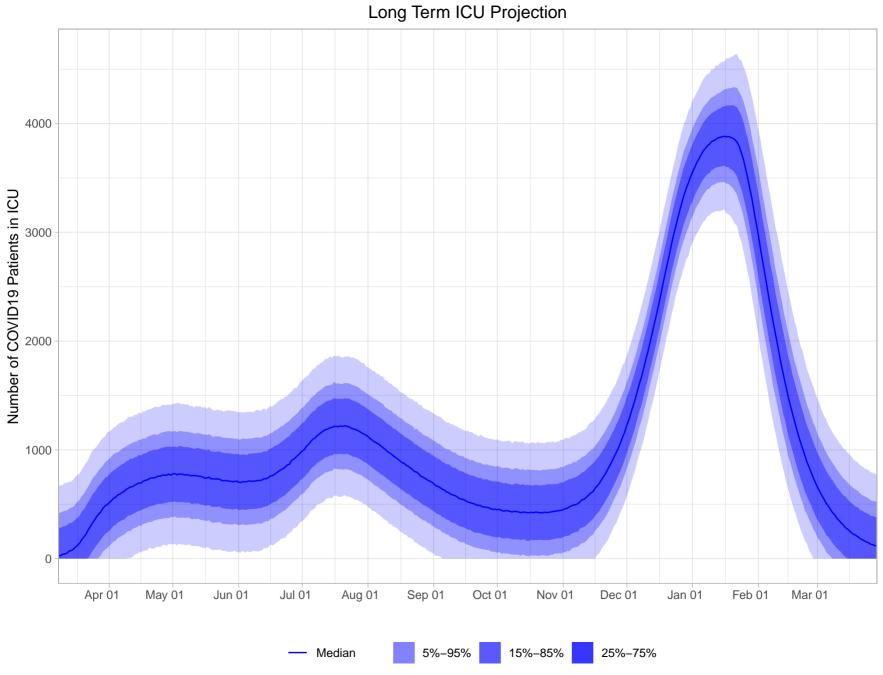
### Short Term Hospitalization Projection 15000 Number of COVID19 Patients in Hospital 10000 5000 0 Jun 01 Jul 01 Nov 01 Dec 01 Jan 01 Apr 01 May 01 Aug 01 Sep 01 Oct 01 25%-75% Confirmed × Confirmed + 30%PUI 5%-95% 15%-85% Median







# Short Term Death Projection 20000 Number of COVID19 Deaths 15000 10000 5000 Oct 01 Nov 01 Jan 01 Aug 01 Sep 01 Dec 01 15%-85% 25%-75% Median × Confirmed

#### Long Term Death Projection 30000 Number of COVID19 Deaths 20000 10000 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 15%-85% 25%-75% Median 5%-95%

## Effective Reproduction Number 1.75 1.50 1.25 Re 1.00 0.75 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01

5%-95%

Median

15%-85%

25%-75%

#### Rt as of 2020-12-29

5% 10% 25% 50% 75% 90% 95% 0.96 0.97 1.00 1.02 1.05 1.07 1.09

