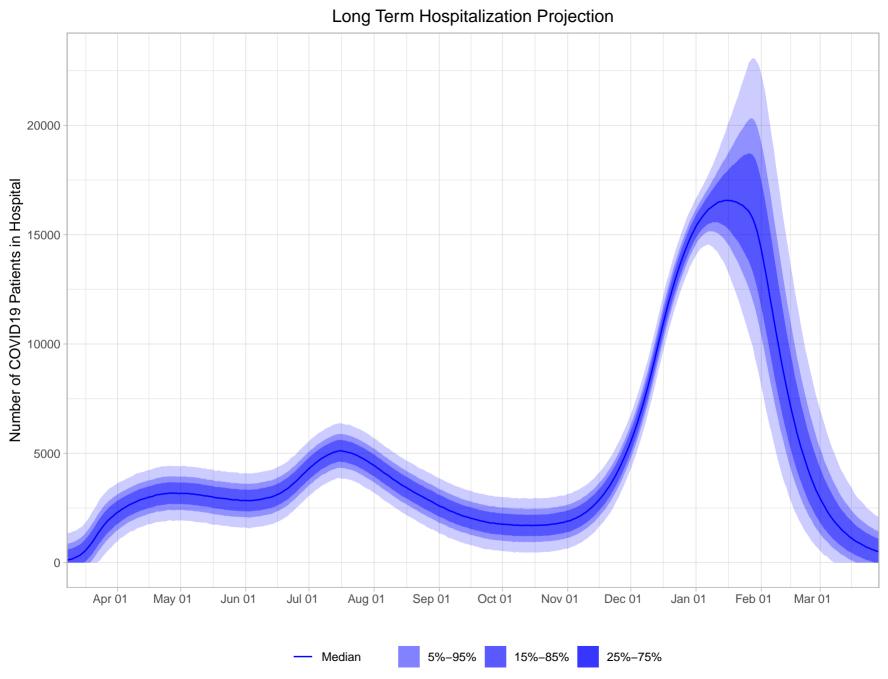
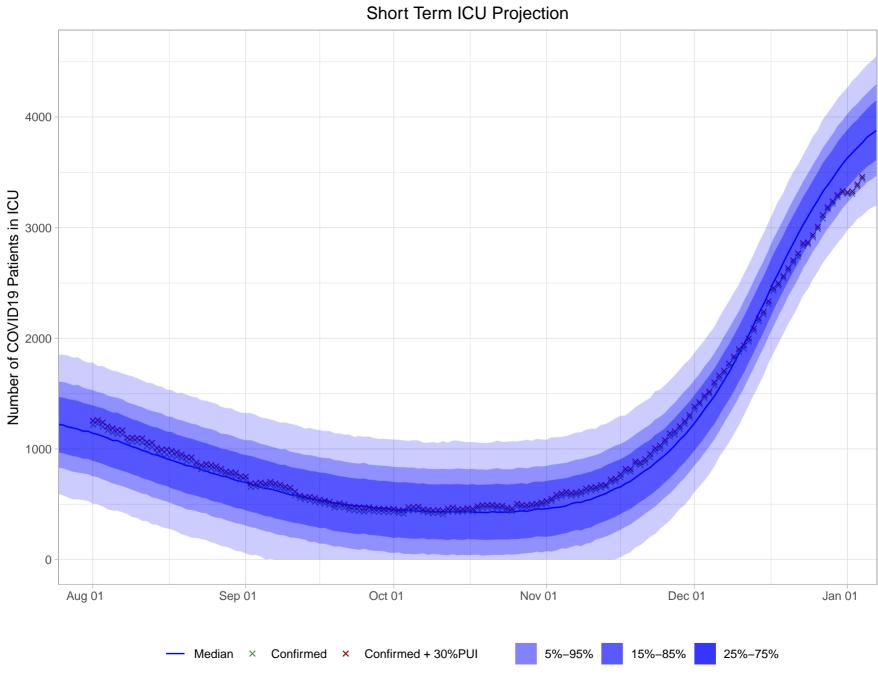
### Short Term Hospitalization Projection 15000 Number of COVID19 Patients in Hospital 10000 5000 0 Apr 01 Jun 01 Jul 01 Aug 01 Oct 01 Nov 01 Jan 01 May 01 Sep 01 Dec 01 25%-75% Confirmed × Confirmed + 30%PUI 5%-95% 15%-85% Median





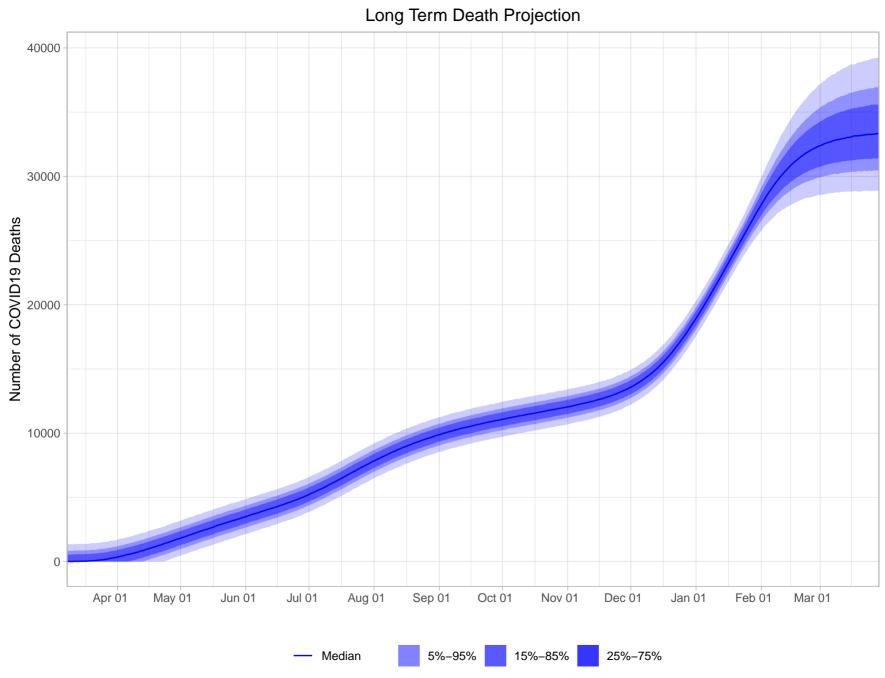
## Long Term ICU Projection Number of COVID19 Patients in ICU 0 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 5%-95% 15%-85% 25%-75% Median

# Short Term Death Projection 20000 Number of COVID19 Deaths 15000 10000 Sep 01 Oct 01 Jan 01 Aug 01 Nov 01 Dec 01

Median × Confirmed

15%-85%

25%-75%



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

5%-95%

Median

15%-85%

25%-75%

#### Rt as of 2020-12-21

5% 10% 25% 50% 75% 90% 95% 1.03 1.06 1.09 1.12 1.16 1.19 1.20

