



COVID-19 Projections

GHDX VIZ HUB

COVID-19 projections assuming full social distancing through May 2020

As the pandemic progresses, we are working to incorporate new data about the virus in the US.
Please check back on Saturday, April 4 for our next update.

Last daily update on April 1, 2020.

[FAQ](#) | [Update Notes](#) | [Article](#)

Arizona ▼

Government-mandated social distancing ⓘ



March 30, 2020

Stay at home order



March 16, 2020

Educational facilities
closed



Not implemented

Non-essential services
closed



Not implemented

Travel severely limited

Hospital resource use ⓘ

23 days until peak resource use on
April 27, 2020

Resources needed for COVID-19 patients on peak date

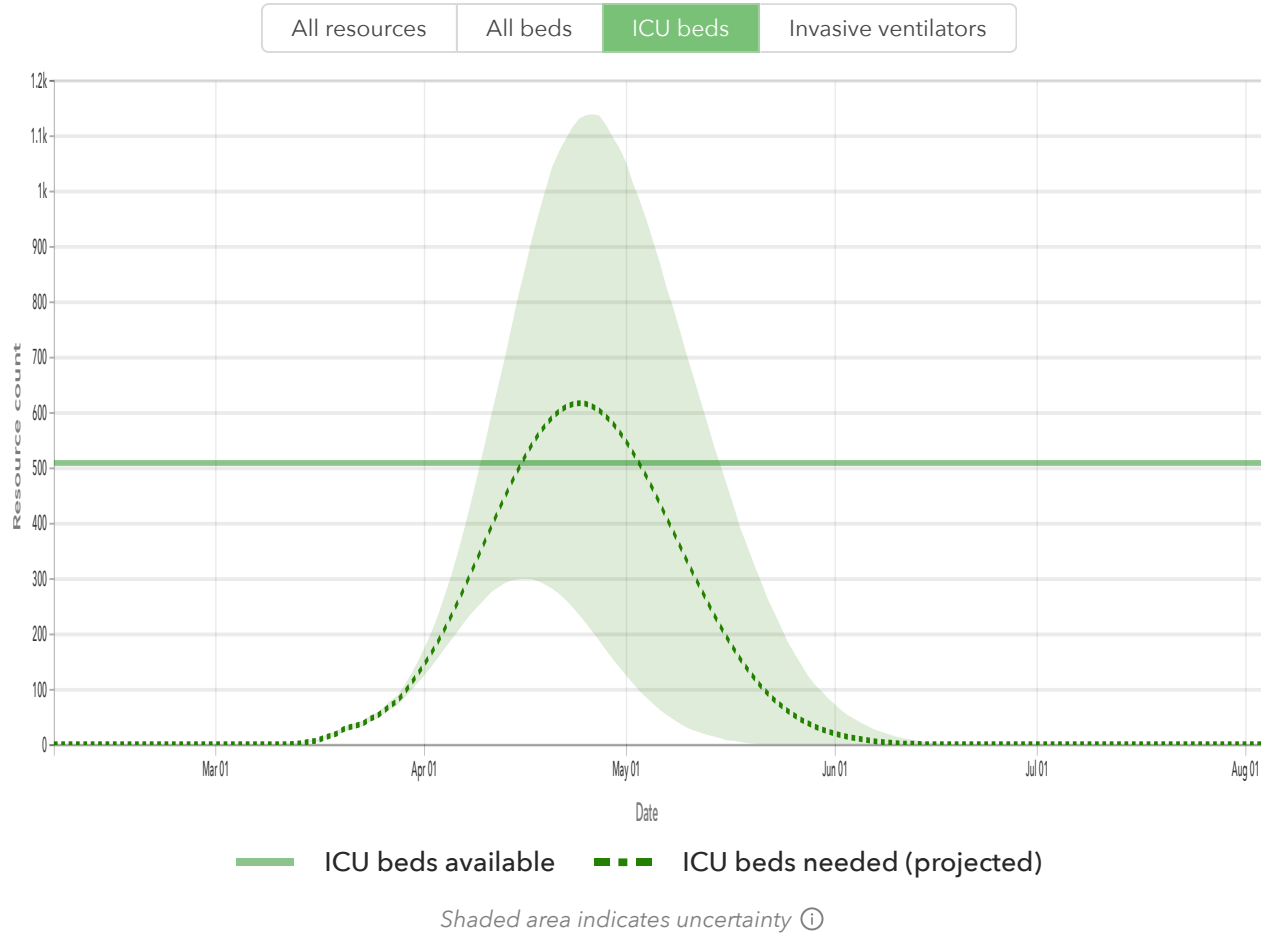
All beds needed → All beds available → Bed shortage
4,010 beds → **6,017 beds** → **0 beds**

ICU beds needed → ICU beds available → ICU bed shortage
603 beds → **508 beds** → **95 beds**

Invasive ventilators needed

482 ventilators

ICU Ventilators



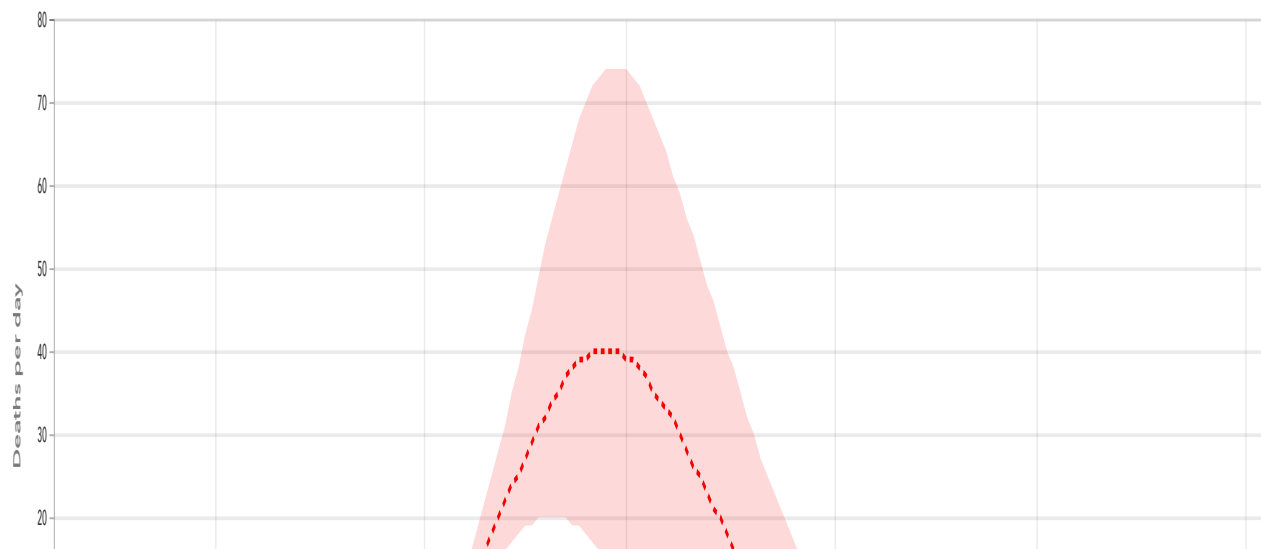
Deaths per day ⓘ

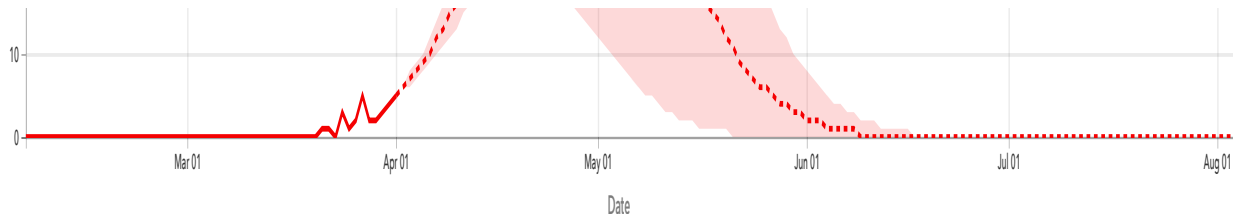
22 days

until projected peak in daily deaths

40 COVID-19 deaths

projected on April 26, 2020



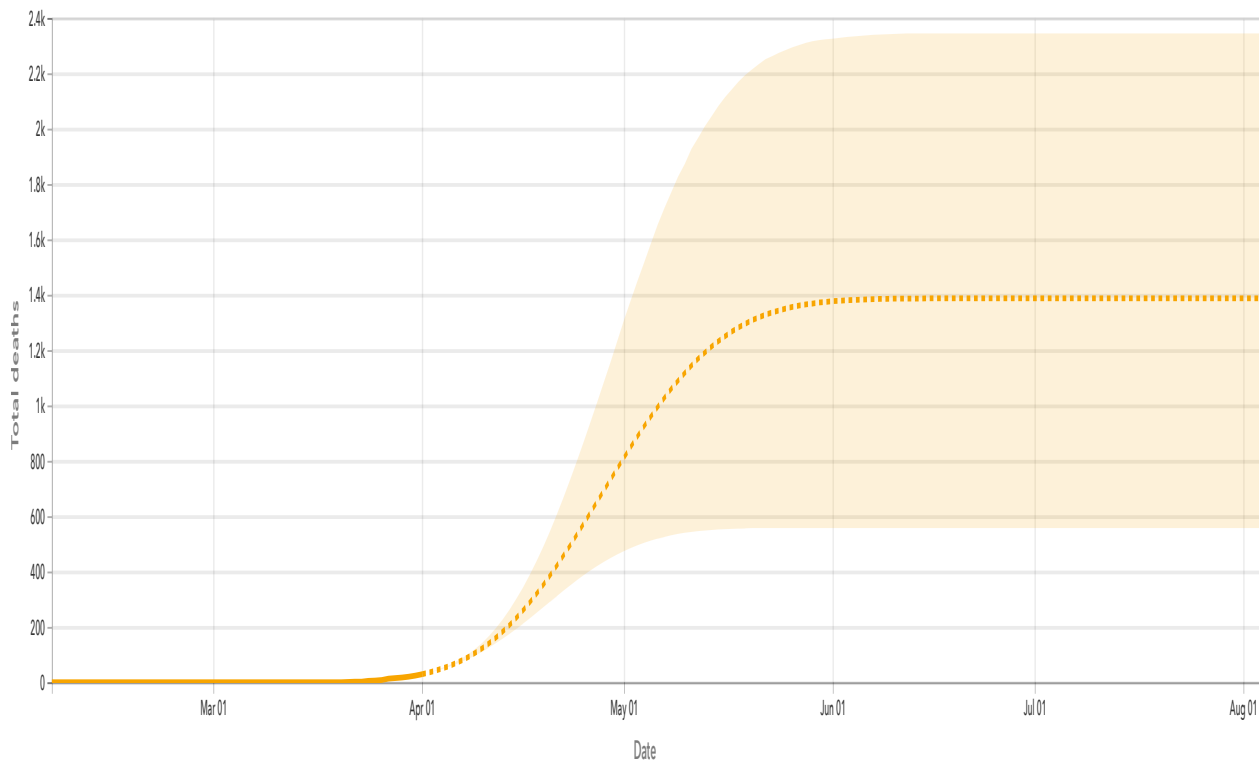


— Deaths per day - - - Deaths per day (projected)

Shaded area indicates uncertainty ⓘ

Total deaths

1,387 COVID-19 deaths
projected by August 4, 2020



— Total deaths - - - Total deaths (projected)

Shaded area indicates uncertainty ⓘ

Download the [results](#) (version 2020_04_01.2).

For more information, visit healthdata.org/covid.

Questions? Please contact IHME at covid19@healthdata.org.