SCENARIO

Custom

POPULATION

Population

330000000

Age distribution

United States of America

Initial number of cases

9

Imports per day

0.1

Hospital Beds (est.)

540668

ICU/ICMU (est.)

94837

Confirmed cases

United States of America

Simulation time range

01 Feb 2020 - 01 Sep 2020

EPIDEMIOLOGY

Annual average R_0

3.2

Latency [days]

3

Infectious period [days]

3

Seasonal forcing

0

Go to results

Seasonal peak

January

Hospital stay [days]

3

ICU stay [days]

14

Severity of ICU overflow

2

MITIGATION

The presets for the mitigation and infections control measure below are currently just place holders. We are gathering this information at the moment. For the time being please adjust, add, and remove to match your community.

Each measure consists of name, start/end date, and an effectiveness in %.

Intervention from 20 March	20 Mar 2020 - 02 Apr 2020	40
Intervention from 12 April	02 Apr 2020 - 12 Apr 2020	80
Intervention from 12 Apr 2020	12 Apr 2020 - 01 Sep 2020	90

Add

AGE-GROUP-SPECIFIC PARAMETERS

Demographics, disease severity, group-specific isolation

RESULTS

REFRESH | RUN IN NEW TAB | EXPORT

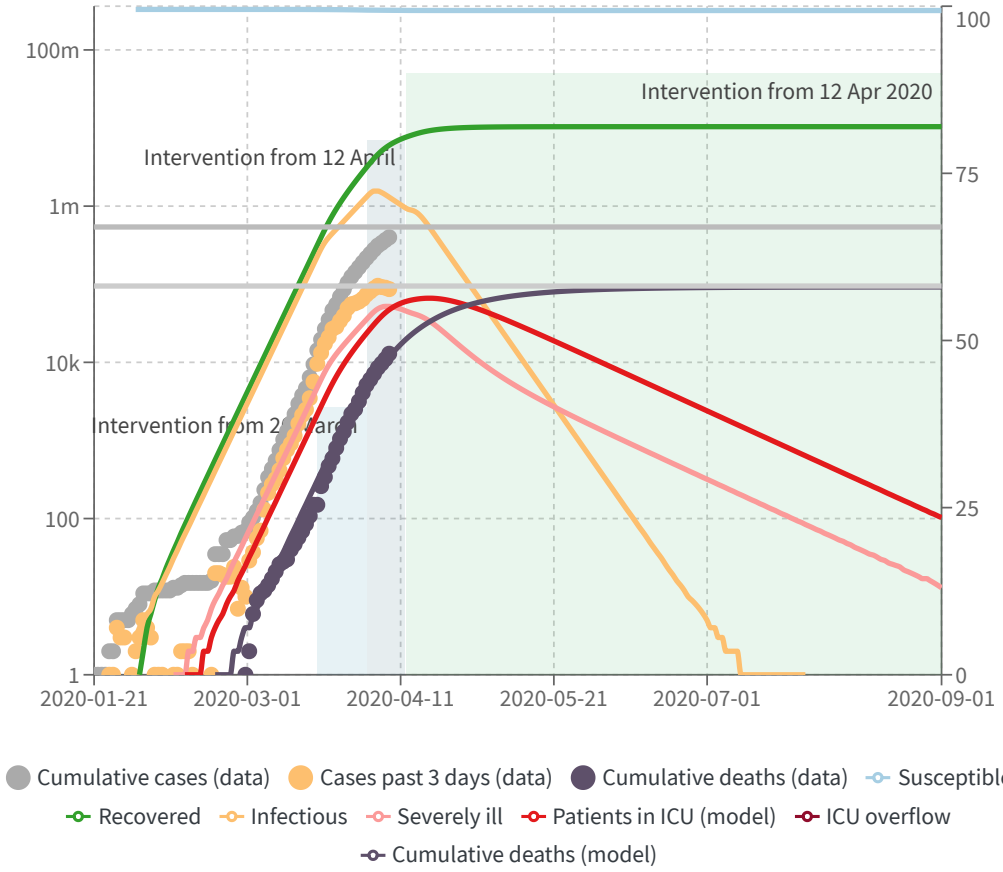
This output of any model depends on model assumptions and parameter choices. Please carefully consider the parameters you choose (R0 and the mitigation measures in particular) and interpret the output with caution.

Run automatically

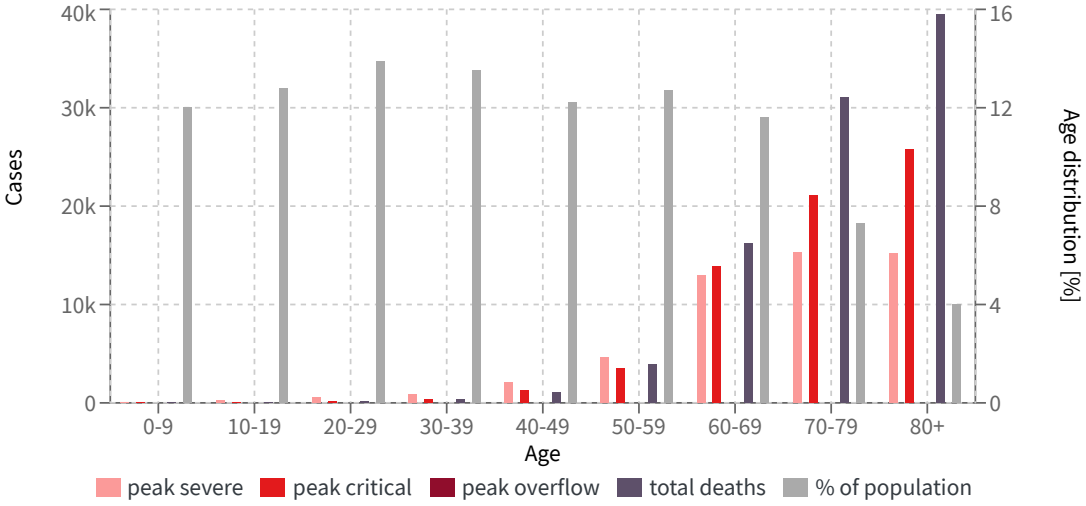
Log scale

Format numbers

Go to results



DISTRIBUTION ACROSS AGE GROUPS



PROPORTIONS

Outcome	Population average
Mild [%]:	86.98
Severe [%]:	6.95
Critical [%]:	5.19
Fatal [%]:	0.88

TOTALS/PEAK

Quantity	Peak/total value
Total death:	92.27k
Total severe:	729.73k
Peak severe:	52.04k
Peak critical:	66.2k

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