

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

EPIDEMIOLGY

Annual average R_0 

3.2



Latency [days] 

3



Infectious period [days] 

3



Seasonal forcing 

0



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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 - 12 Apr 2020

40

Intervention from 12 April

12 Apr 2020 - 01 Sep 2020

90

Intervention from 12 Apr 2020

01 Apr 2020 - 12 Apr 2020

70

Add

AGE-GROUP-SPECIFIC PARAMETERS ☐

Demographics, disease severity, group-specific isolation

RESULTS ☐

REFRESH

RUN IN
NEW TAB

EXPORT

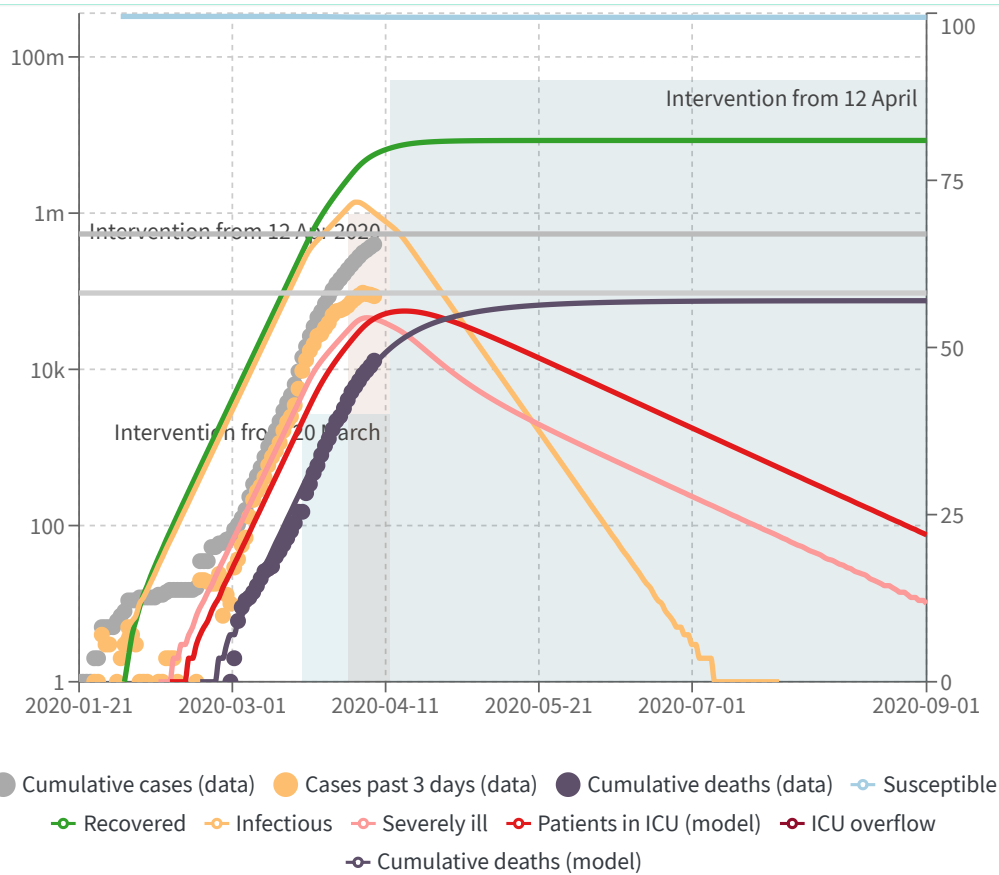
This output of any model depends on model assumptions and parameter choices. Please carefully consider the parameters you choose (R_0 and the mitigation measures in particular) and interpret the output with caution.

☐ Run automatically

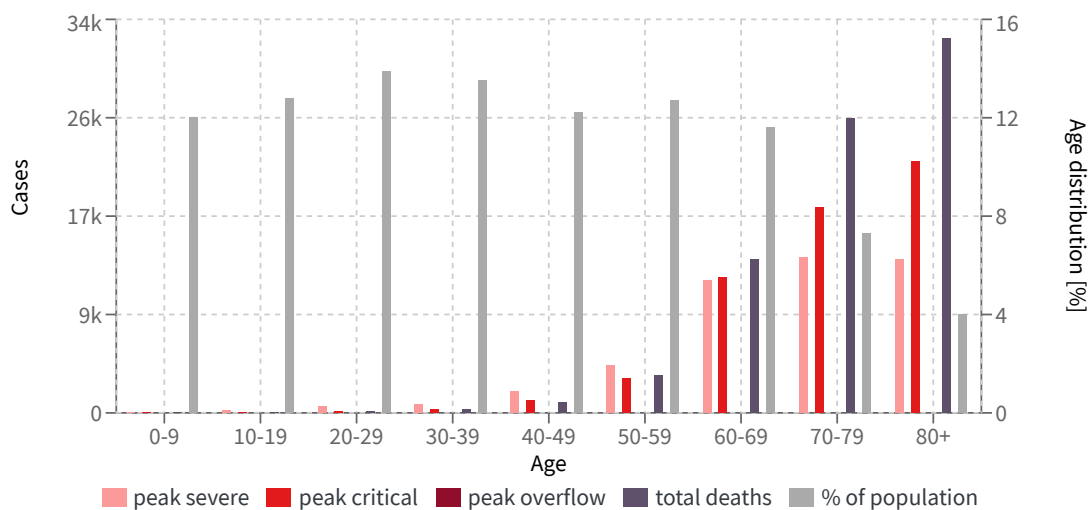
☐ Log scale ☐

☐ Format numbers ☐

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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: 75.58k

Total severe: 597.69k

Peak severe: 45.73k

Peak critical: 55.77k

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