COVID-19 Projections for Connecticut: Key Parameters

10:19 AM April 20 2020

Key epidemiologic parameters

Case type distribution

Probability of severe disease that requires hospitalization and may lead to death: 0.05.

Probability of mild disease that does not require hospitalization and will lead to recovery: 0.59.

Probability of asymptomatic infection: 0.36.

Probability of death

Probability of death given hospitalization: 0.36

Reproductive numbers

Basic reproductive number: 4.8.

Reproductive number after school closure: 3.5

Reproductive number after school closure and lockdown: 1.8

Version:

Code version reference: