Keywords: SEIR, COVID-19, pandemic dynamics, pandemic policies

Abstract: In March 2020 our team initiated a modeling effort whose purposes were to create semantically rich stories about the pandemic aimed at the public and to create teaching material for students of system dynamics. We have described the scope and evolution of this project more completely in Gordon et al. (2023). The purpose of the present paper is to present the technical details of the models that have supported that work.

For the most current version of the technical model and its discussions, please visit https://newfadumfarm.org/resources/