

# EpiModel

## Mathematical Modeling of Infectious Disease

Version 1.0.2

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The `EpiModel` package provides tools for building, solving, and plotting mathematical models of infectious disease in R. It is part of the `Statnet` suite of software for the representation and analysis of networks. `EpiModel` currently provides functionality for three classes of epidemic models and three disease types for modeling. Built-in model classes and types may be expanded by the user for new research.

This vignette is a placeholder for the `EpiModel` tutorials, all hosted online and external to the package to minimize overhead and provide flexibility in updates. Everything may be found at the `EpiModel` website:

<http://statnet.github.io/EpiModel>

Within the package, please consult the extensive help documentation:

```
help(package = "EpiModel")
```

To see the latest updates to `EpiModel`, consult the software NEWS:

```
news(package = "EpiModel")
```

If using the `EpiModel` package for research, we request that you acknowledge this by citing the software in any publications:

Jenness SM, Goodreau SM, Morris M (2014). *EpiModel: Mathematical Modeling of Infectious Disease*. R Package Version 1.0.2. URL: <http://statnet.github.io/EpiModel/>.