# Virus vs Vaccine Data Sheet

<table>
<thead>
<tr>
<th>Treatment Number</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Experiment / City Name</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Conditions

**Vaccinate to reach herd immunity or rely on natural herd immunity** *

**Population**

**% Vaccinated**

**% Vaccine Effectiveness**

**Herd Immunity**

### Masks

- Cloth
- Surgical
- N95

**Start Day**

**End Day**

**% Population Using Masks**

### Distancing

**Start Day**

**End Day**

**% Population Distancing**

### Initial Infected

**Starting Number**

## Resulting Totals (use Compare Outbreaks page)

**Day**

**Total Vaccinated**

**Total Dead**

**Total Recovered**

**Total Exposed**

**Total Asymptomatic %**

**Total Symptomatic %**

**Total Hospitalized %**

**Vaccine Herd Immunity Threshold %**

* Natural herd immunity relies on people being infected and recovering, rather than vaccination, to reach the herd immunity threshold.

## Notes:

COVIDsim Data Sheet | ASU Ask A Biologist | askabiologist.asu.edu/covid-sim/