Parameter values

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Baseline values | Range | source |
| Durations number of days |  |  |  |
| incubation period |  |  |  |
| Pre-symptomatic infectious period |  |  |  |
| Infectious period (for both clinical and subclinical infectious) |  |  |  |
| Isolation stay (Ih) |  |  |  |
| ICU stay |  |  |  |
|  |  |  |  |
| R0 |  |  | data |
| Facemask efficacy |  |  |  |
| Relative infectiousness of isolated cases compared to clinical infectious |  |  |  |
| Relative infectiousness of pre-clinical compared to clinical infectious |  |  |  |
| Proportion mortality from Clinical non-isolated infectious |  |  |  |
| Proportion mortality from isolated infectious |  |  |  |
| Proportion Sub-clinical infectious |  |  |  |
| Proportion of infectious need ICU |  |  |  |
| **Intervention** |  |  |  |
| Facemask coverage |  |  |  |
| Relative reduction in contact rate by **social distancing** |  |  |  |
| Proportion Preclinical infectious isolated (by **contact tracing &mass testing**) |  |  |  |
| Proportion Clinical infectious isolated (**case detection**) |  |  |  |
| **Initial Populations at start of model run** |  |  |  |
| Total population |  |  |  |
| Exposed proportion |  |  |  |
| Pre-clinical proportion |  |  |  |
| Infectious proportion |  |  |  |
| Isolated infectious proportion |  |  |  |
| Infectious individuals in ICU |  |  |  |
| Recovered proportion |  |  |  |
| Dead proportion |  |  |  |