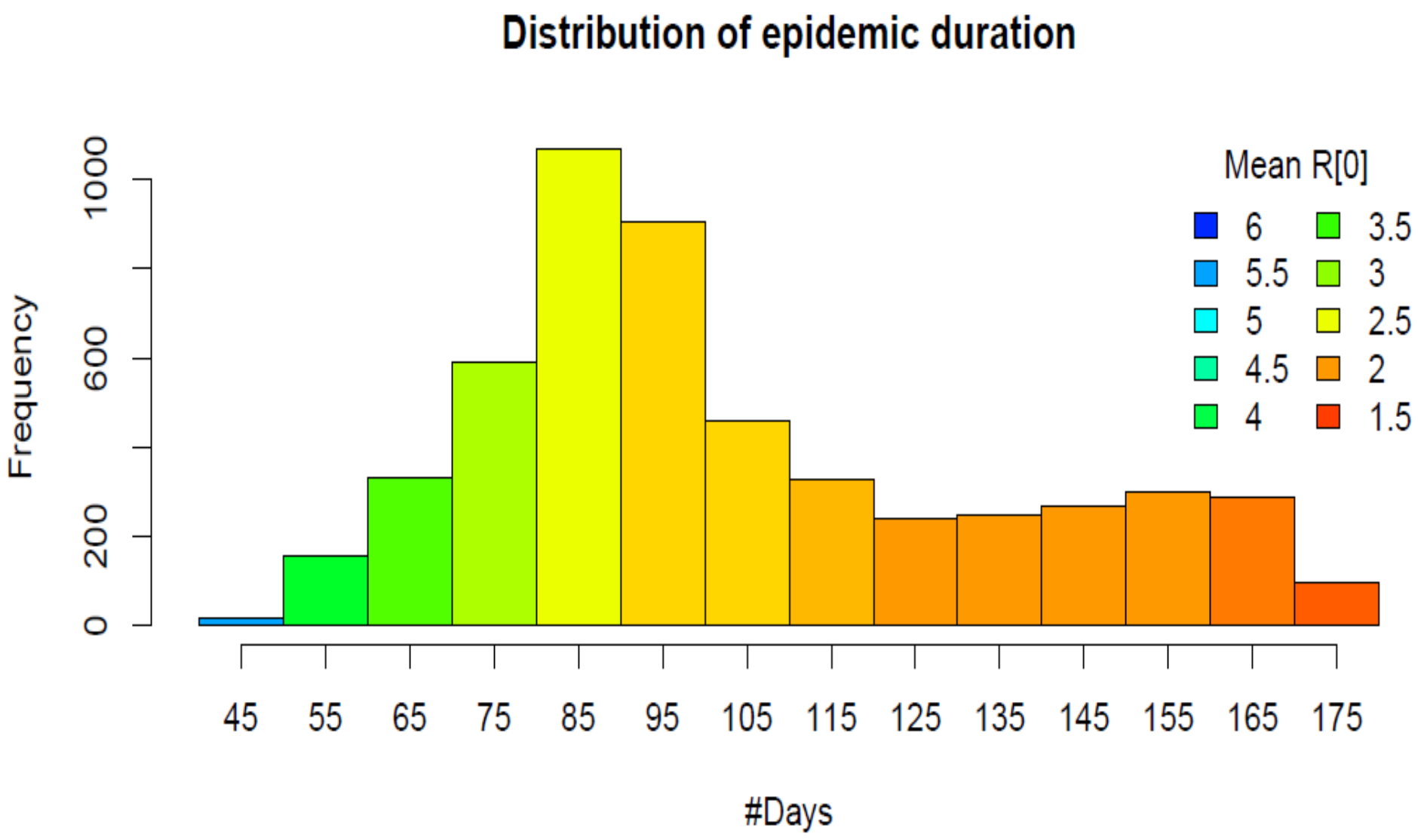
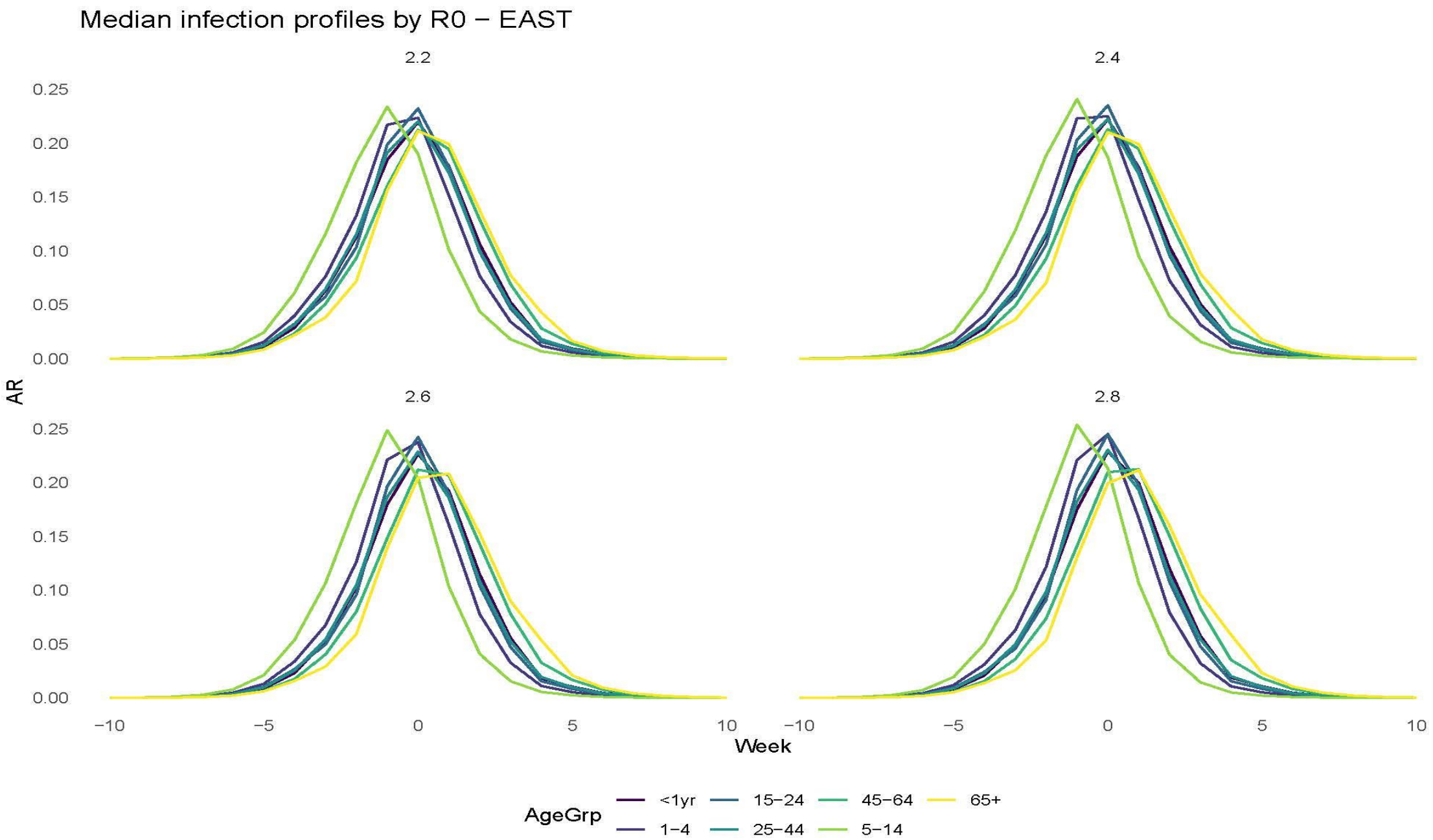

Distribution of epidemic duration
Frequency
0
200
600
1000
45
55
65
75
85
95
105
115
125
135
145
155
165
175
#Days
Mean R[0]
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5


Median infection profiles by R0 – EAST
2.2
2.4
2.6
2.8
AR
0.25
0.20
0.15
0.10
0.05
0.00
−10
−5
0
5
10
Week
AgeGrp
<1yr
1−4
15−24
25−44
45−64
5−14
65+

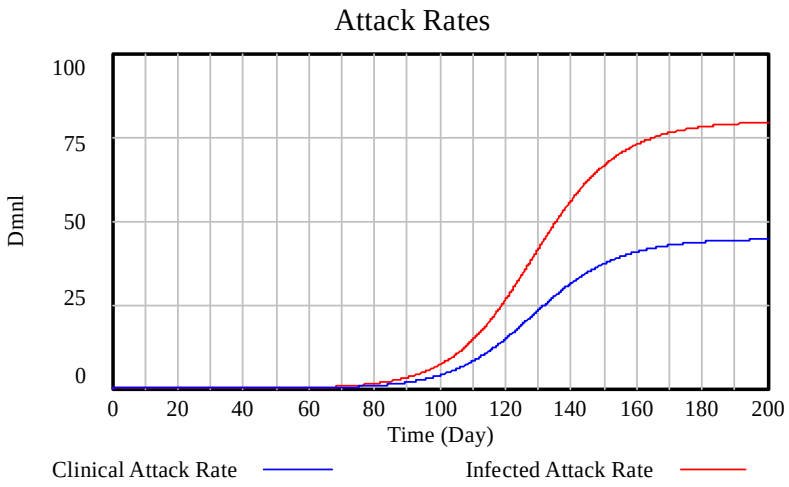
Age-specific attack rates for East under a number of assumptions regarding R_0

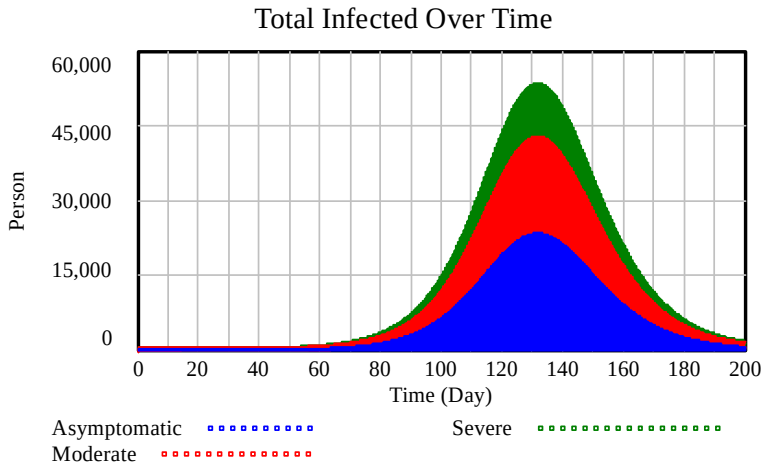
	R2.2	R2.4	R2.6	R2.8
<1yr	0.7180481	0.7735335	0.8164321	0.8507897
1-4	0.8535717	0.8926963	0.9201615	0.9402731
5-14	0.9222774	0.9465467	0.9625135	0.9735310
15-24	0.7879001	0.8365575	0.8725402	0.9002011
25-44	0.7076094	0.7614039	0.8035865	0.8378879
45-64	0.5590376	0.6196634	0.6703662	0.7140854
65+	0.4592596	0.5169811	0.5672885	0.6123897

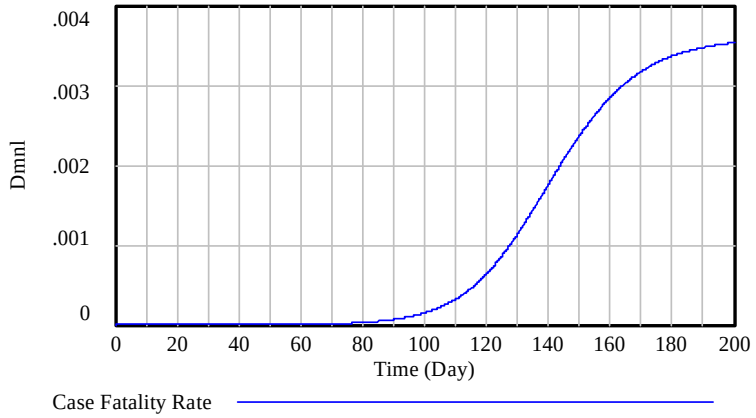
Overall Parameters

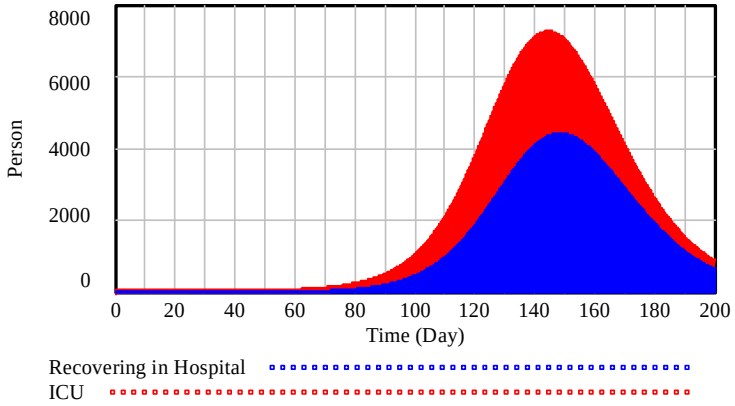
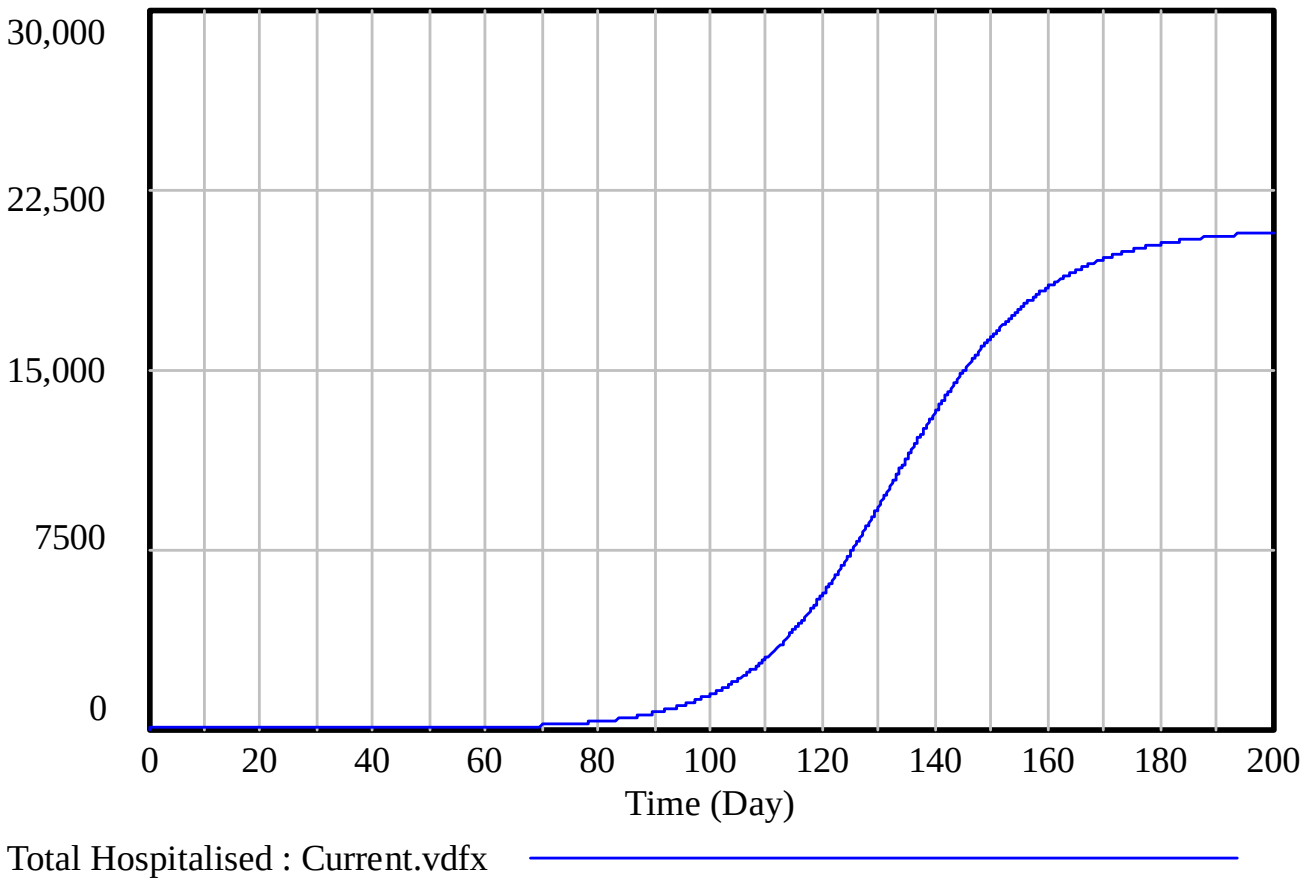
Parameter	Value
R_0	~2
Exposure Time	6 Days
Infectious Time	4 Days
Proportion Severe	20%
Proportion Asymptomatic	44%
Proportion Moderate	36%
Proportion Severe/ICU	15% (of 20%)
Average Duration in ICU	8 Days
Average LOS	15 Days

Sample Results









Total Hospitalised