

REPORT

Submitted By: Ankit Verma
UNI: av 2918

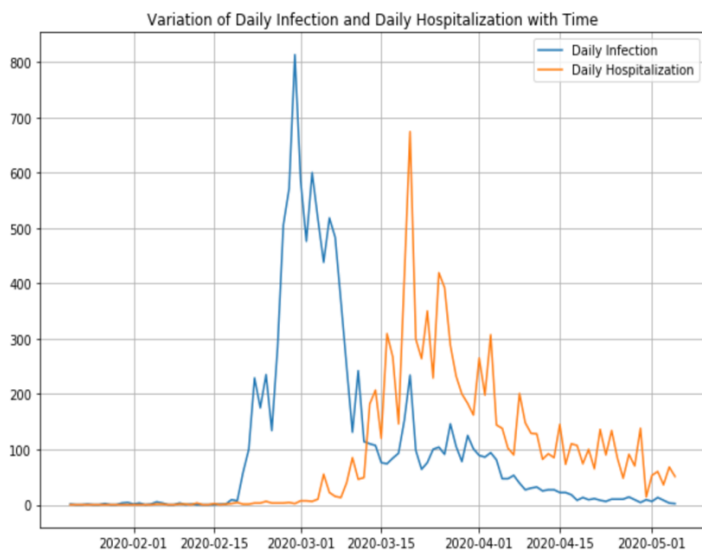


Fig 1: Entire South Korea

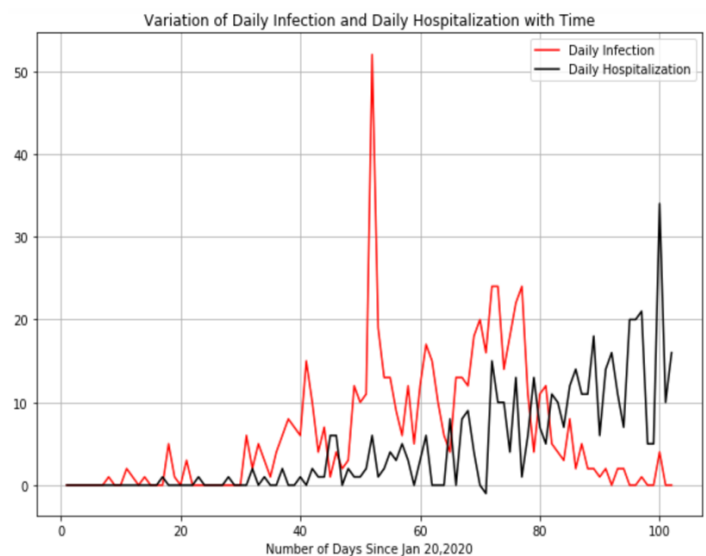


Fig 2: Seoul

If we look at the plot for South Korea, we see that line for “Daily Hospitalization” is similar to that of “Daily Infections” with a shifted mean of around 16 days (incubation period of COVID-19 is 14 days). Thus, as people get infected, slowly they develop symptoms and thus hospitalization cases increases.

If we look at plot for Seoul alone, we see similar trend.

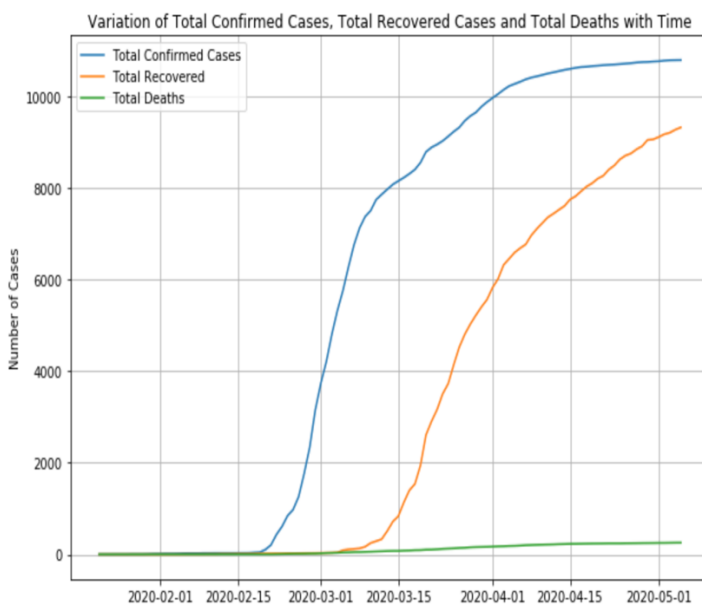


Fig 3: Cases trend of South Korea

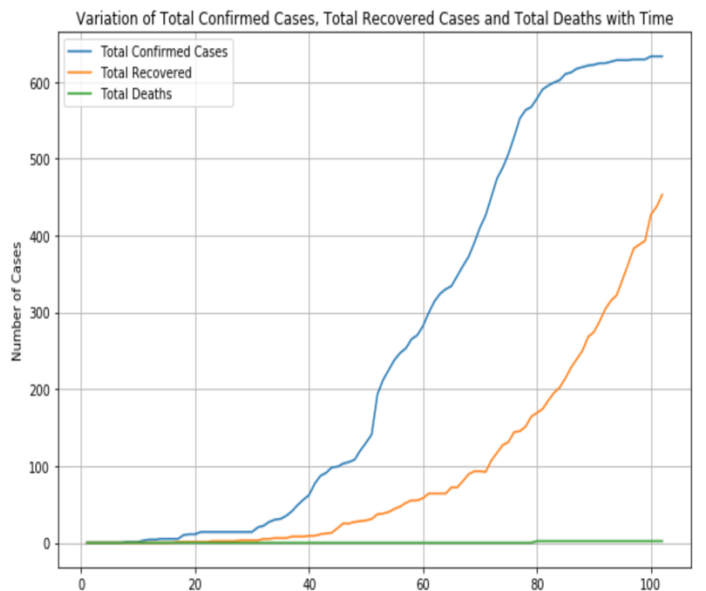


Fig 4: Cases Trend of Seoul

We can observe the “flattening of curve” above, which means South Korea is able to contain COVID-19 as of now, hopefully.