

COVID 19 Report in Korea

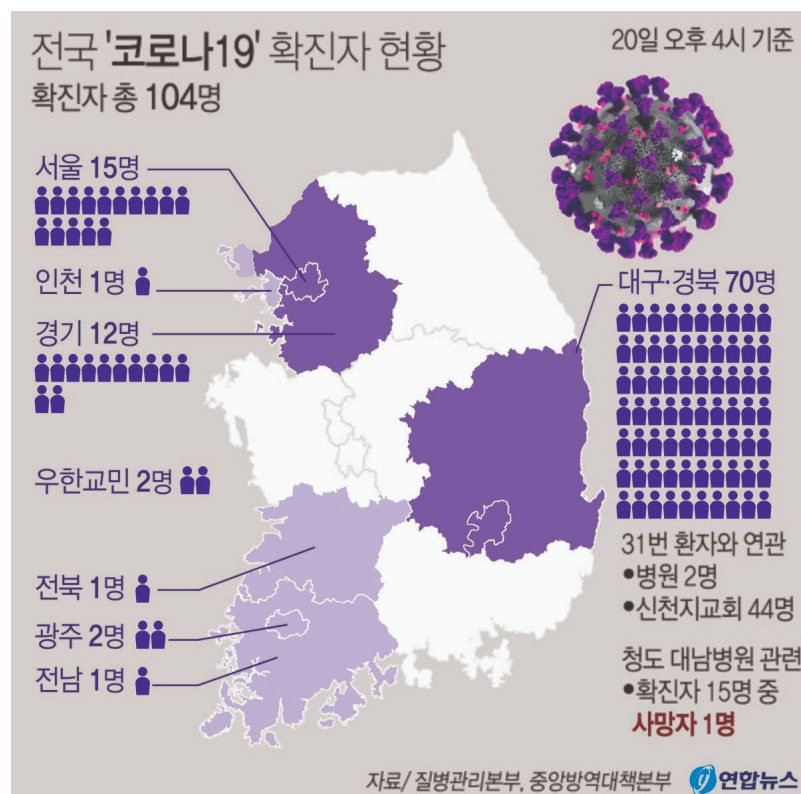
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1. Introduction

1.1 Background

The COVID 19 virus first started back in Wuhan China during early January and it started to spread into nearby countries such as Korea, Japan, Hong Kong and many other countries in the Asia Continent. The rest of the world did not expect the virus to be spreading out to different continents and different countries. Currently, over 2.4 million cases of COVID-19 have been reported worldwide (as of April 22nd 2020) with over 170,000 deaths. This is one of the most horrible and pandemic events within the past years. The Virus is slowly and fastly spreading through our communities, friends, family and everywhere. Many cities in Korea, Korean government and everywhere in the world are panicking. This project strives to identify South Korea how COVID 19 is affected between the period of mid January to early April period.



2. Different Graph report

2.1 Relationship between the date and number of people affected by the virus

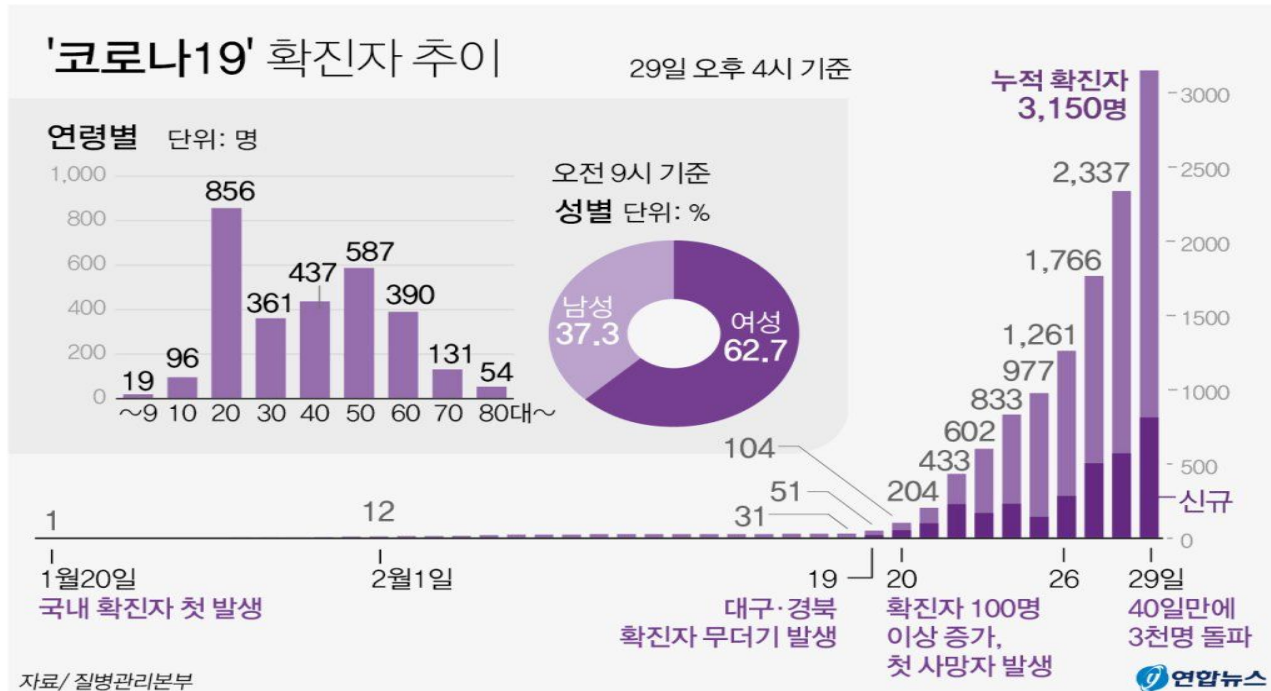
The X axis is the date of the period starting from Jan 20 th and it goes up to March 6th. The Y axis is the number of range of 0 to 7000. As you noticed on the graph, the number dramatically increase starting from Feb 21st and it keeps on going up. The yellow bar graph indicate the new infected number and the blue number line show the total number of people who are infected by



- Graph information provided date between Jan 20 - March 6 -

2.2 Relationship between the age group and male versus female ratio

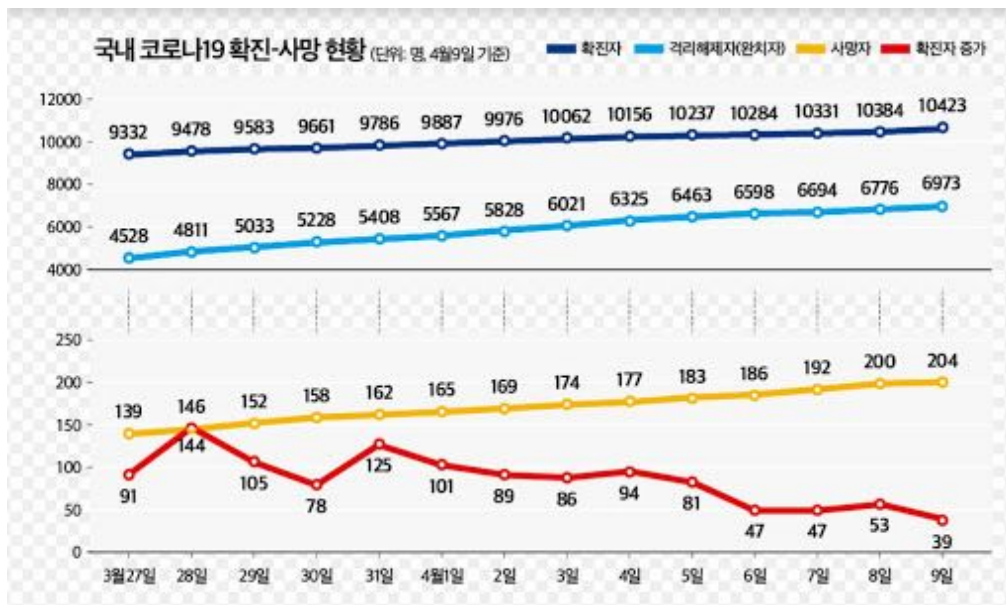
The bar graph on the top left side divided the x axis chart between different age groups from 9 and under to 80 years and up (each group is divided into 10 year age differences). As you noticed, on the chart those affected by the Covid-19 are mostly age group in the 20s and next following group is 50s and 40s. The next pie graph next to the bar graph discusses the male versus female rating in percentage. The male percentage is 37.3% and female percentage is 62.7%. As you noticed on the bottom bar graph (long bar graph) shows another example of a dramatic increase in the number of COVID 19 affected as the time passes by.



- Graph information provided date between Jan 20 - March 6

2.3 Recent update on number

Below graph chart discusses the most recent number provided by the Korean government. The sea blue number indicates the number of COVID 19 infected. The sky blue number indicates the number of COVID 19 patients being released. The yellow number indicates people who died from COVID 19. Lastly, the red number indicates the newly COVID 19 infected numbers.



- Graph information provided date between March 27 -April 9 -

2.4 Difference between the period

As you noticed on the above chart the numbers show a big difference between the mid January period and early April period. The newly infected number has been dramatically decreased as time has been passing by. All these positive directions will be discussed on the conclusion part

Conclusion

When COVID 19 first started back in early January, the Korean government thought it would be a simple flu like the past disease such as SAS and others that were affected during the past period. Many people in Korea also thought it would not be a big deal. However, as shown on the above graph the COVID 19 number dramatically increased during mid Feb and the number kept on increasing from then until late march. The recent report during early april looks more promising as the newly infective number has been decreasing slowly. If the Korean government wants to keep this COVID 19 spread number low, the government should keep on forcing people to keep the social distance until further notice and convert all education programs via online. Until there is a cure or vaccine, everyone in this world should keep the social distance from everyone.