

COVID - 19

WHAT CAN WE LEARN FROM THE SPREAD OF CORONAVIRUS IN SOUTH KOREA?

South Korea has been successful in “flattening the curve” of COVID – 19. We looked at data that allowed for a quick and swift response to the outbreak.

Who is spreading this virus?
Who is contracting the virus?
Who is most vulnerable to the virus?

We looked at age, gender, and high-risk groups to evaluate the spread and treatment of the virus in South Korea.

1

Who is spreading COVID - 19 in South Korea?

FINDINGS

Ages 10 – 19, on average, report the highest numbers of additional contact.

Ages 10-19 are in contact with almost 2X the amount of people outside this age range.

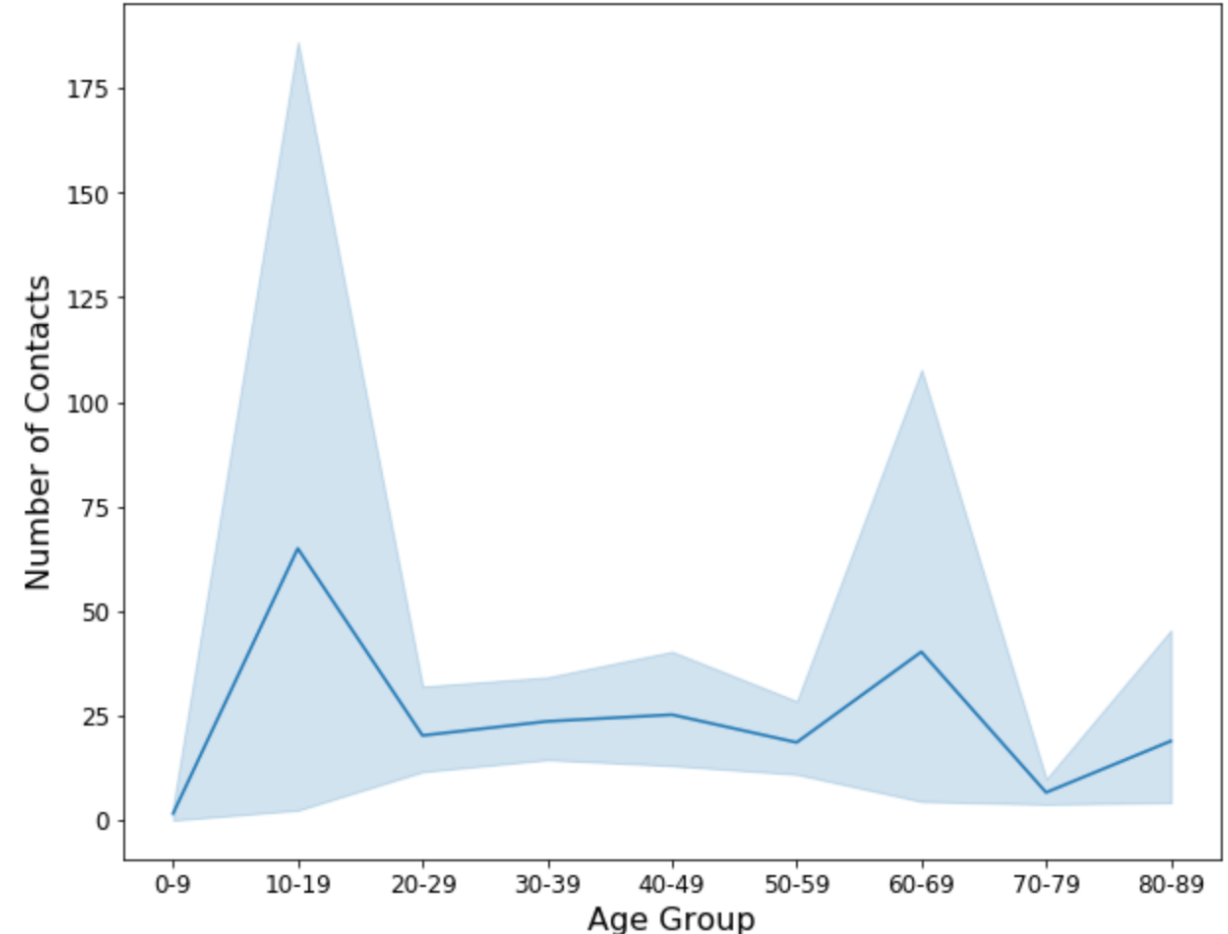
LIMITATIONS

Only 20% of patients reported any contact information.



GROUP 5

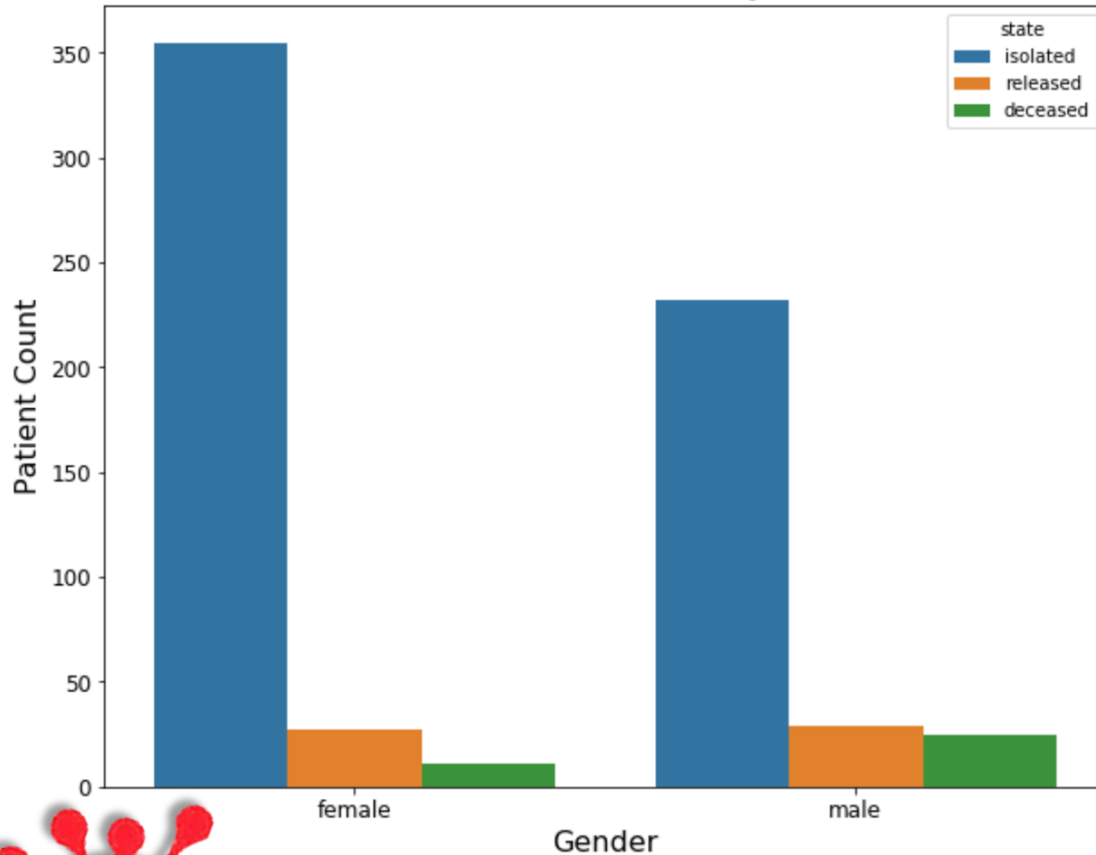
Avg. Number of People Infected Patients Came Into Contact With



2

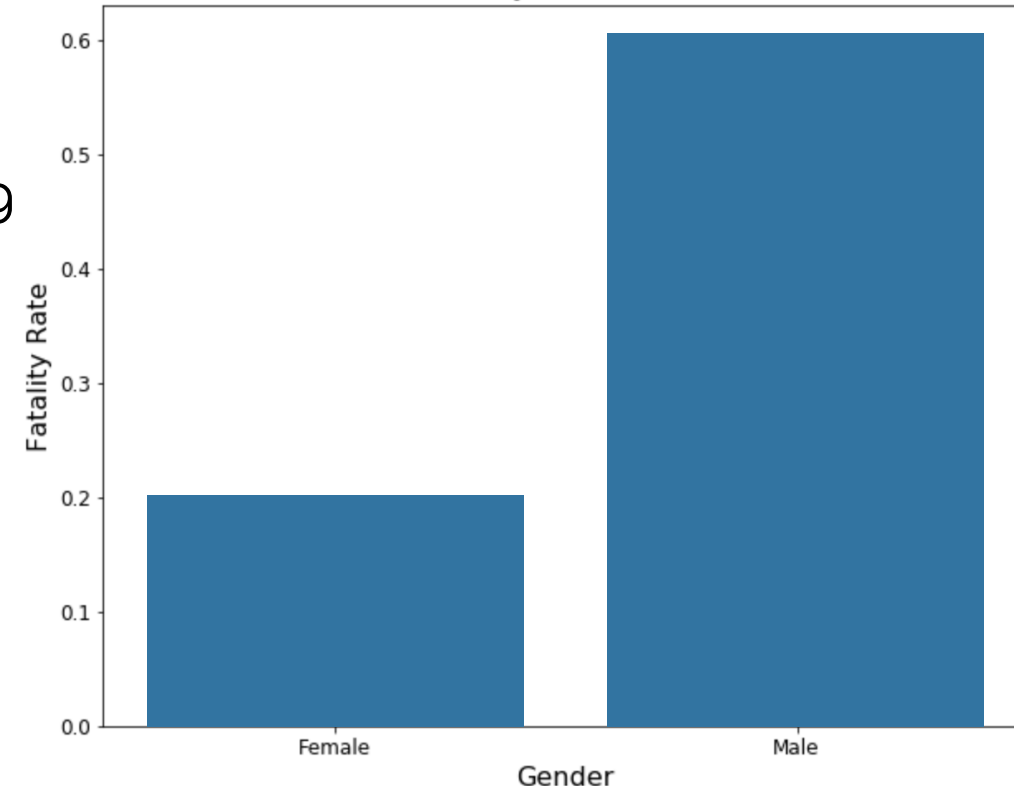
Who is contracting COVID – 19 in South Korea?

South Korean Patient State by Gender



More women are contracting COVID-19 than men in South Korea. However, the fatality rate among men is more than 2X higher than women.

Patient Fatality Rate in South Korea



FINDINGS

Infection rates are highest among the 20-29 age group.

Transmission rates are high among the 50-59 age group as well, indicating that transmissions among households is high (children to patient).

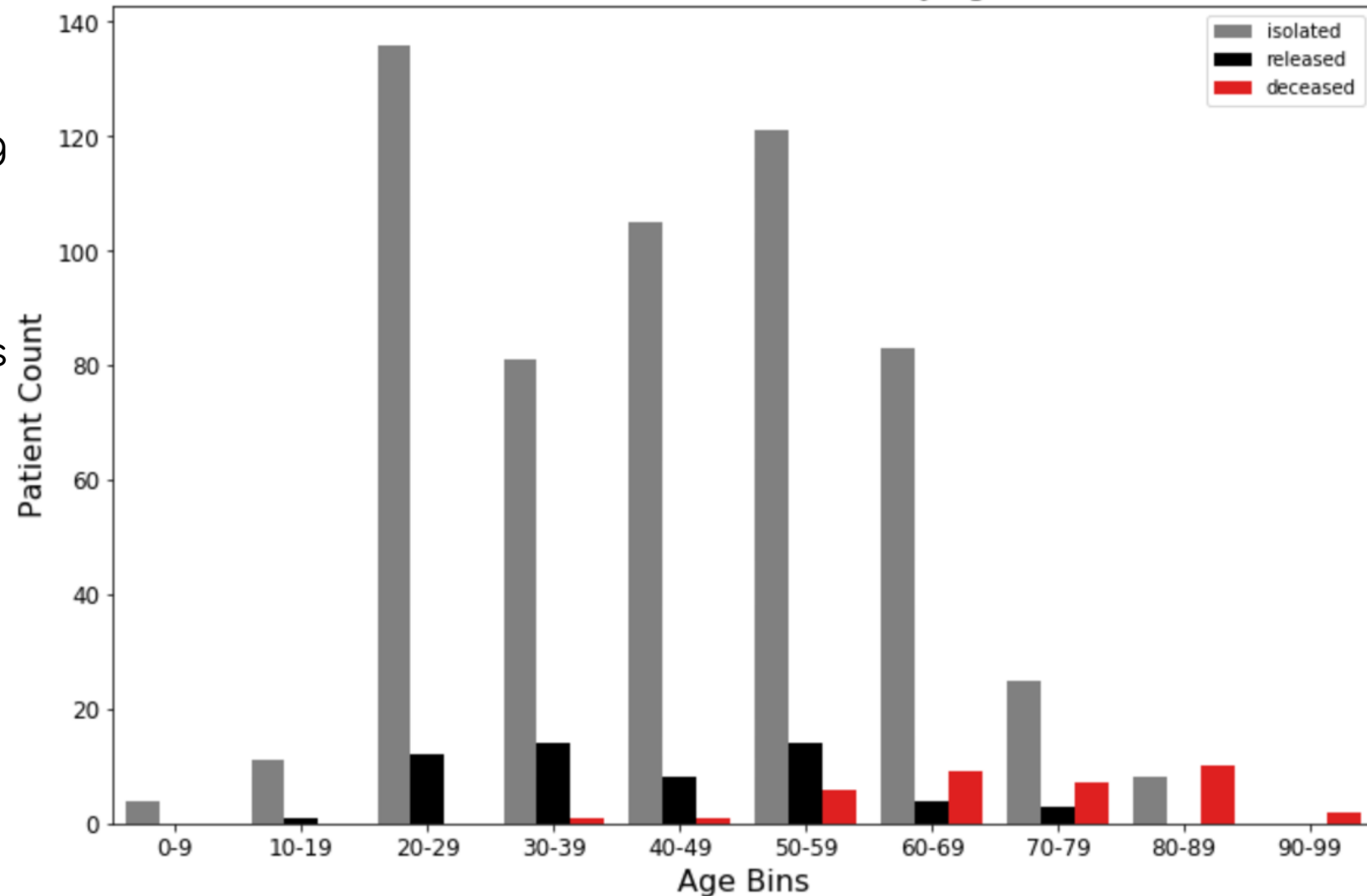
The mean age of those who died is 70 years.

The youngest patient who died was 36 years old.



GROUP 5

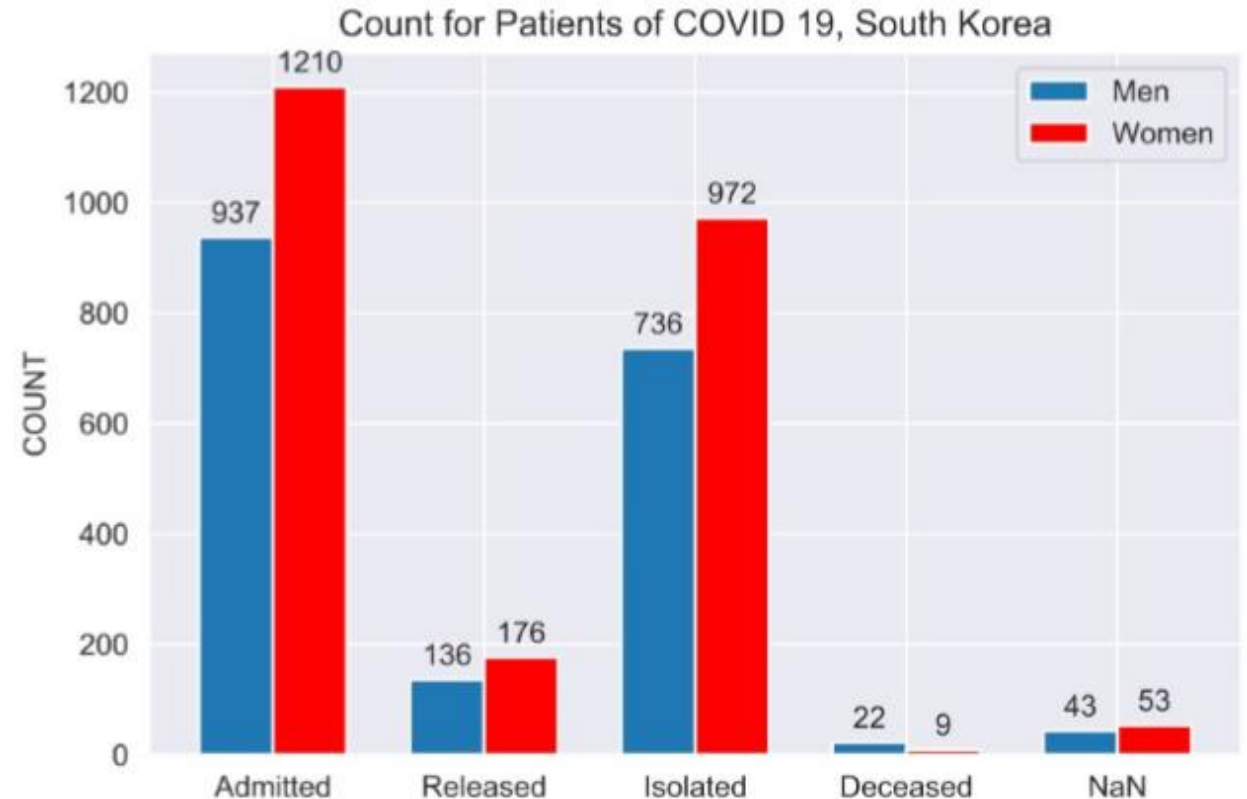
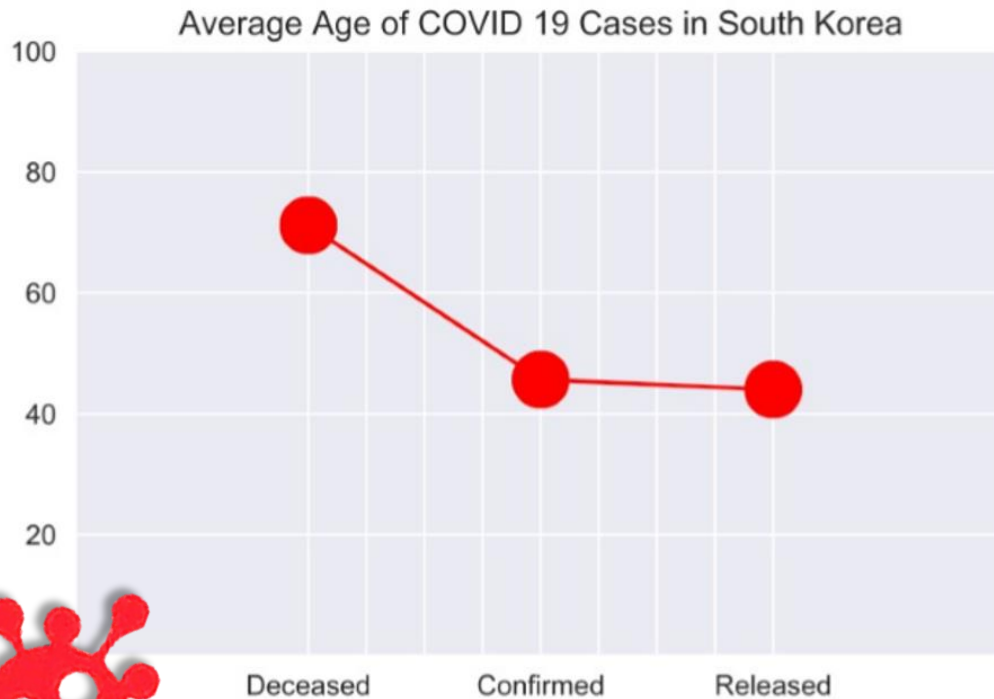
South Korean Patient State by Age



3

Who is most vulnerable from COVID – 19 in South Korea?

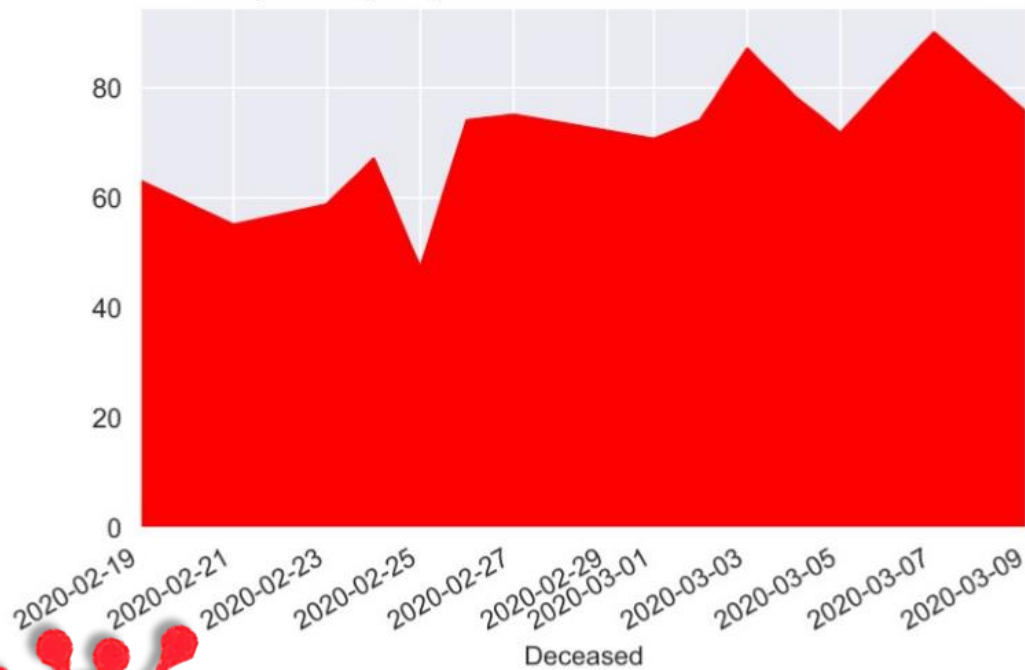
Who is catching this disease? In South Korea there are cases for COVID-19 registered in every age group, as young as 1 and as old as 104. But, the most vulnerable group is the older age group.



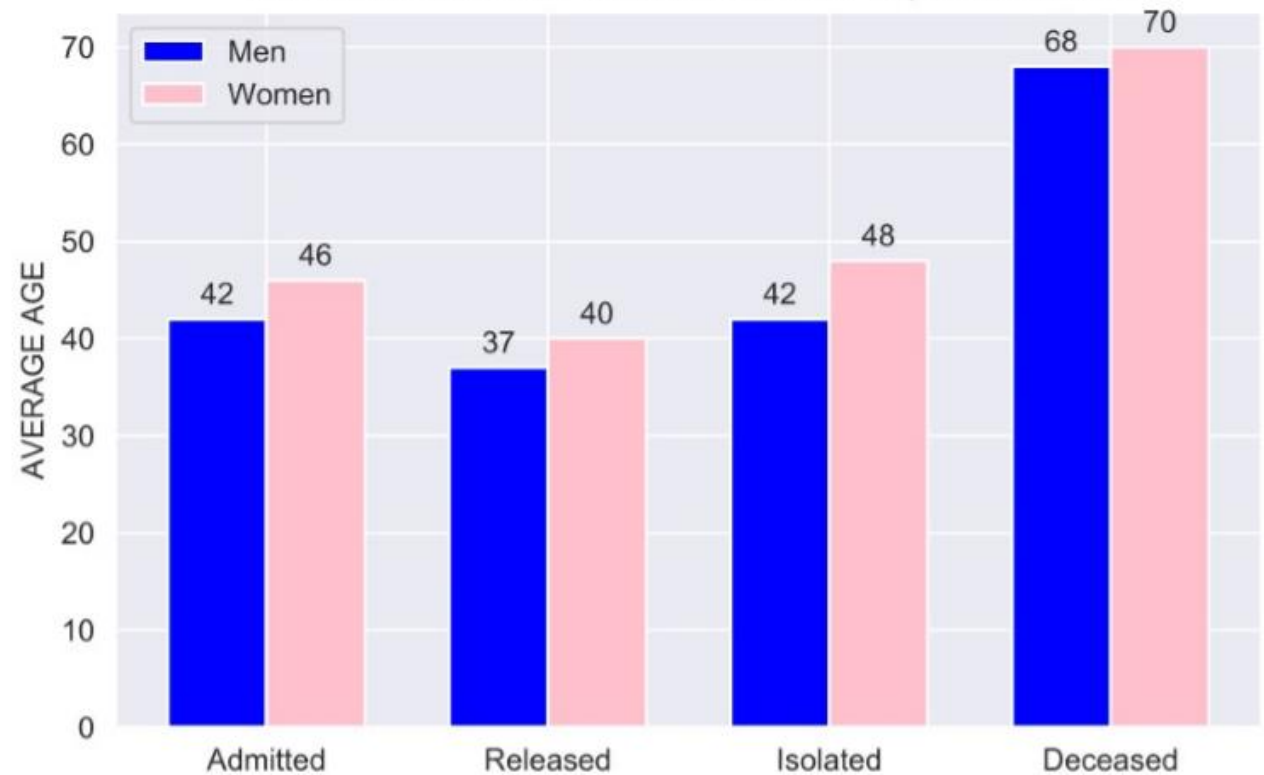
GROUP 5

Average age of the patients ADMITTED for COVID-19 in South Korea February 19, 2020 – March 19, 2020

Daily Average Age of Deceased Cases in South Korea



AVERAGE AGE of Patients of COVID 19, South Korea



FINDINGS

High risk patients should avoid contact with COVID-19 positive groups. People who handle food or medications for elderly people must be screened for COVID-19.

High risk patients should avoid large gatherings in church or even over-crowded hospitals.



GROUP 5

