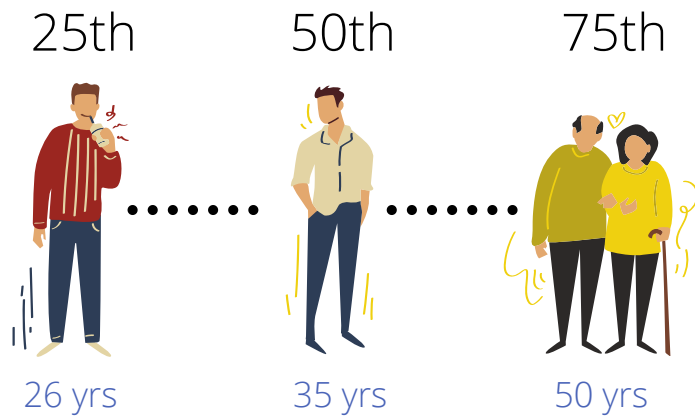# Philippines & Covid

EXPLNATORY ANALYSIS OF **1.2 MILLION INFECTED**
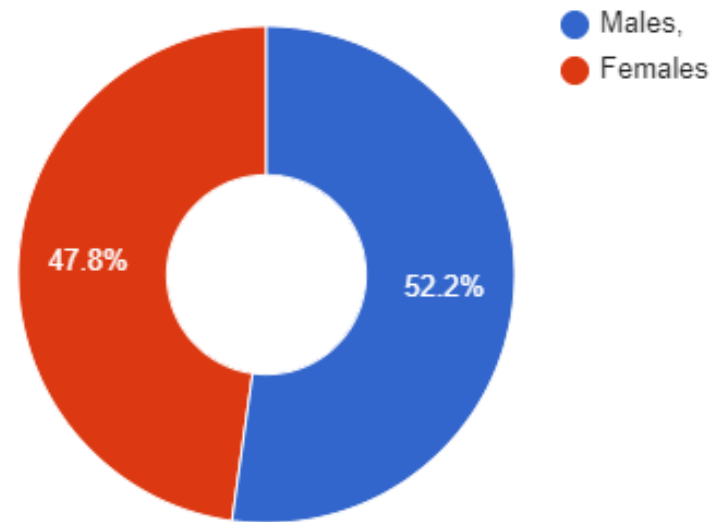
Who are likely to get infected?

25th   50th   75th
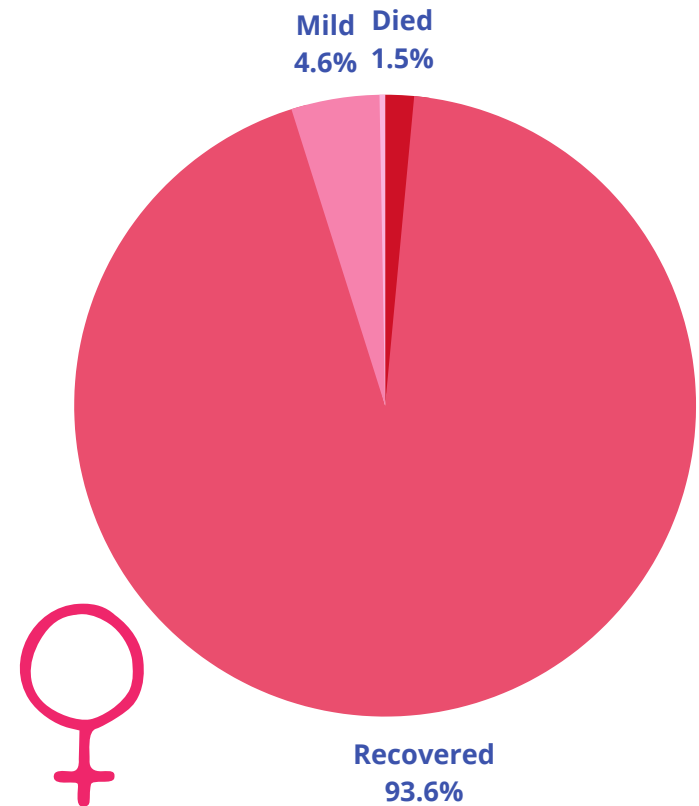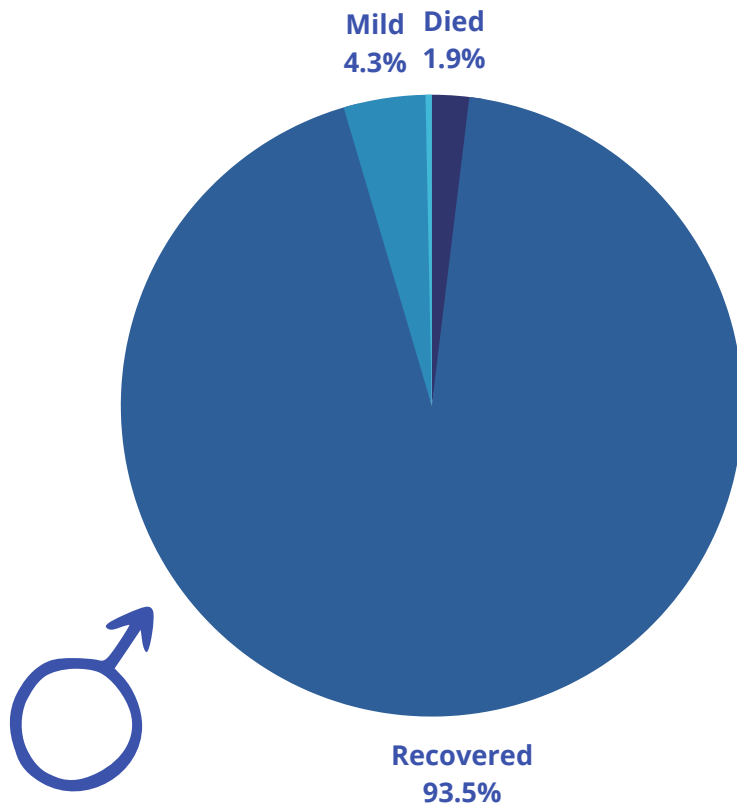
26 yrs   35 yrs   50 yrs

- Out of **1.2 million** known COVID infections, the average infected age is **35-38**

- About **75%** of the infected fall below the age of **50**; and less than **25%** of infected are of the age **26**.

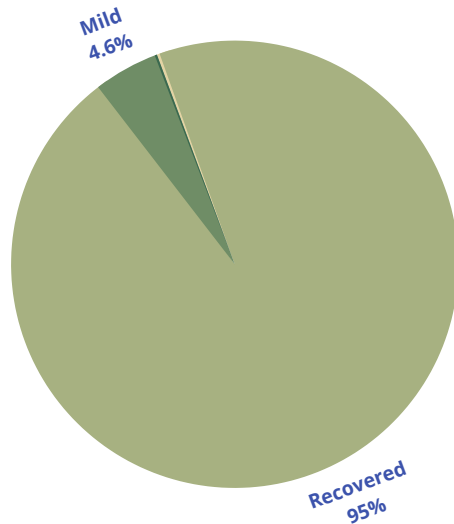## male vs female infected

Males,
Females

47.8%

52.2%

- The distribution of the infected among males and females is **close to equal**

Health Status Differences Between **Males** and **Female** Patients

**Mild
4.3%** **Died
1.9%**

**Recovered
93.5%**

**Mild
4.6%** **Died
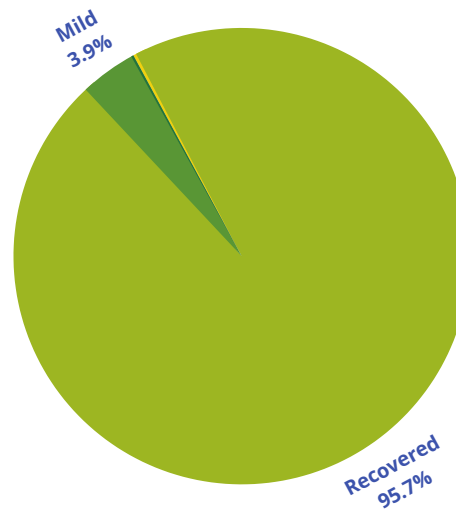1.5%**

**Recovered
93.6%**

Similar with the gender distributions of the infected, the health statuses of males and females are **relatively similar**. This fair distribution implies that the virus affects and infects both sexes in the same way.
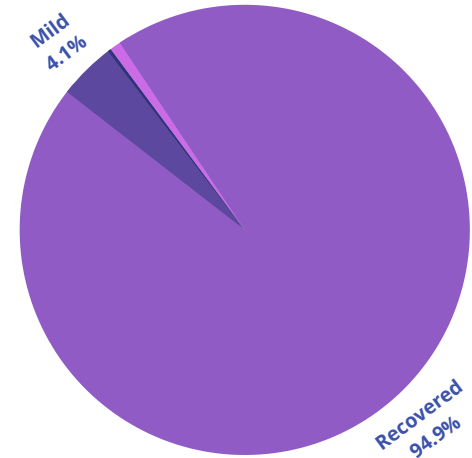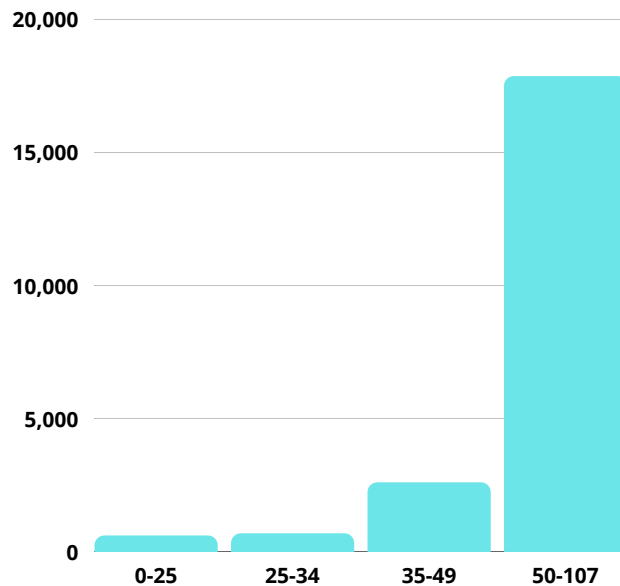
Health Status Differences among age groups?

Mild
4.6%

Recovered
95%

26 - 34 yrs old

Mild
3.9%

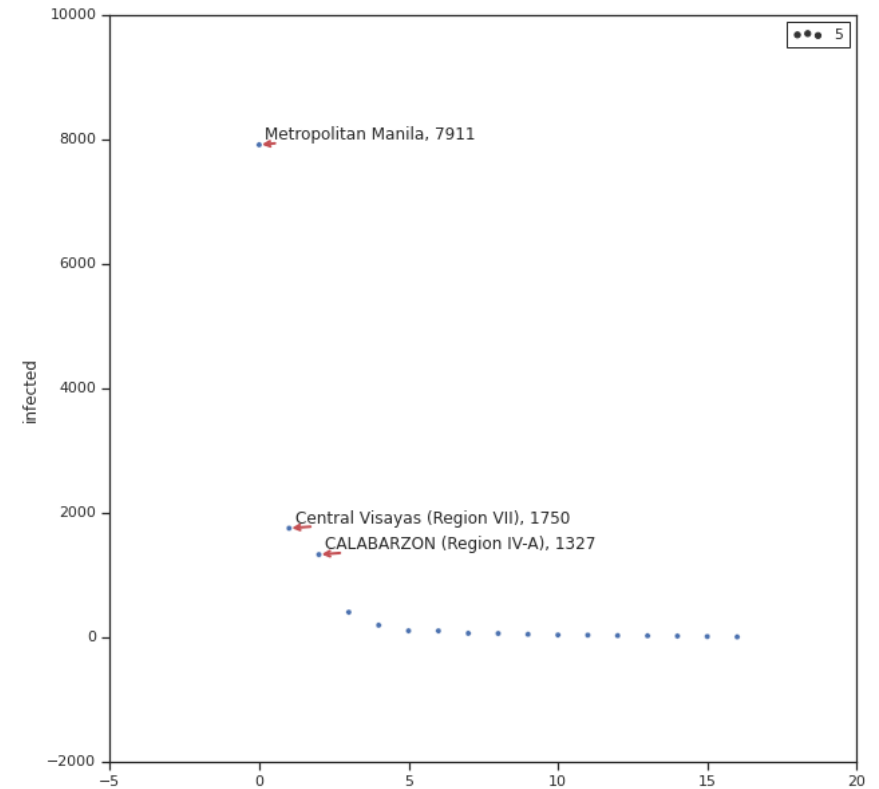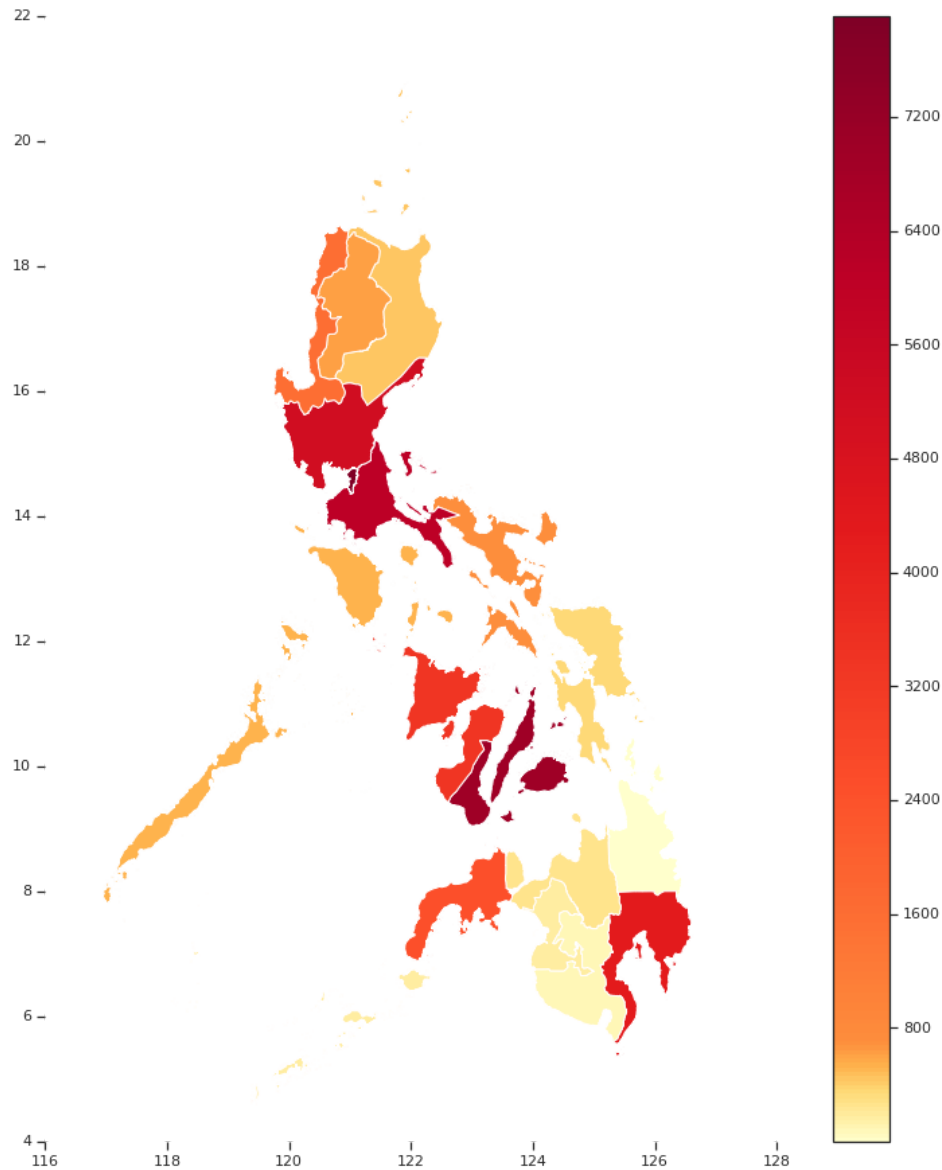Recovered
95.7%

35 - 49 yrs old

Mild
4.1%

Recovered
94.9%

50 -107 yrs old

Across the given age groups, as well as for ages 0-25, and overwhelming **majority have recovered**. However the amount of deaths is still higher among the elderly 50 and above, at around **17,849** deaths. The combined deaths of persons under 50 years old is only **20%** of the total elderly deaths.

The **older** you are the **likely** you are **to die**

COVID vs Location

Based on a **12,000+** infected sample size, we can tell from the choropleth map that **Metro Manila (NCR)** is has the **highest concentration of COVID-infected**. It is indeed a dense but small region. The scatter plot tells us that Central Visayas comes in **2nd** while CALABARZON came in **3rd**

Recommendations

Philippines should enact more strict rules that comply with regulations that can lessen transmissions especially in Metro Manila, Central Visayas, and Calabarzon. Furthermore, encourage to not let our elderly go out often at times and have the vaccinated first

Based on our findings, the elderly are **likely** to suffer severe and critical conditions, as well as death. We also found out that regions NCR, VII, IV-A have the **top 3** most number of Covid-infected.