

## Indigenous status

Dataset source:

(Aboriginal and Torres Strait Islander Health Performance Framework 2020 online tables)

The dataset comes from Table D3.10 Access to mental health services in the AIHW. The data used are most from D3.10.4.

Data visualization:

We take the necessary information from the table about Victoria and National total from the dataset through python and visualise the data by bar charts to make them easy to compare.

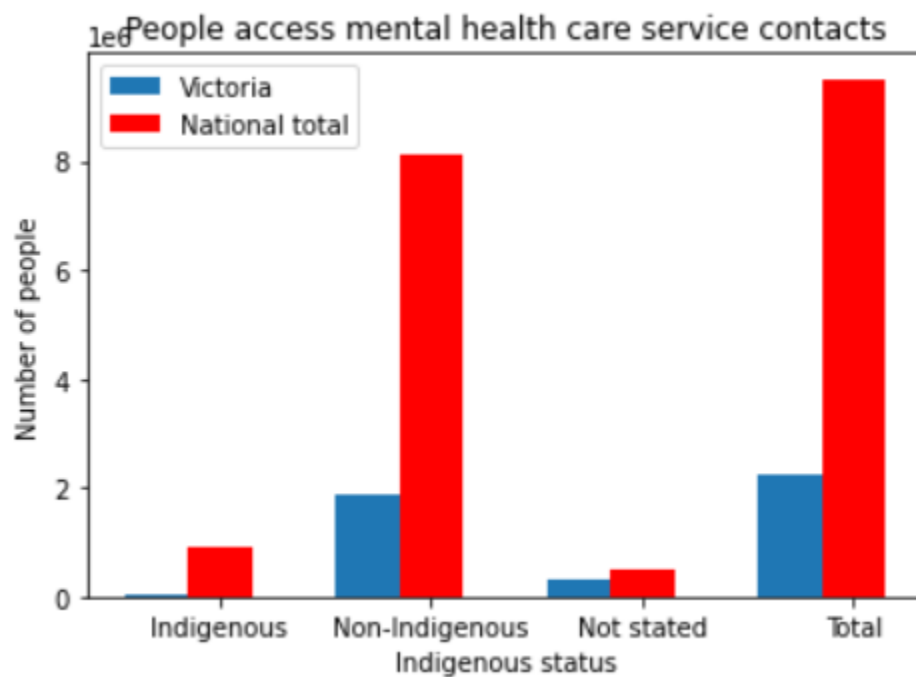


Figure 1: the total number of people that have get community mental health care service contacts in victoria and national total by indigenous status

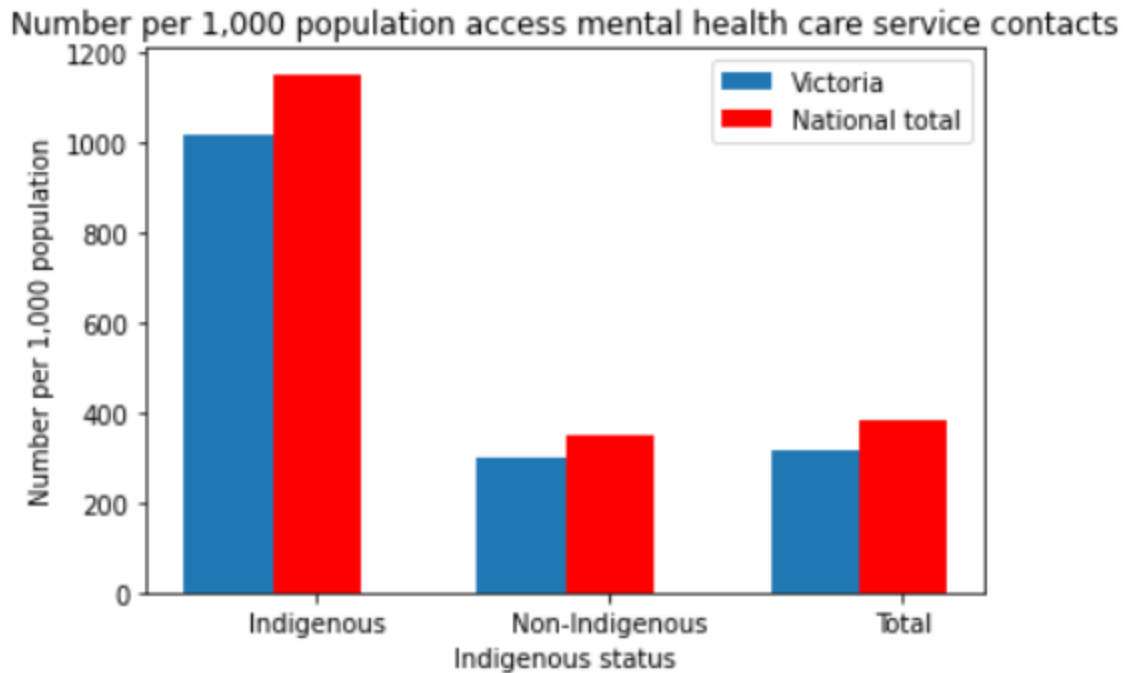


Figure 2: compares number per 1000 population that have get community mental health care service contacts in victoria and national total by indigenous status

#### Results:

First, from Figure 1 we find that the number of people Indigenous Australians and not state Australians is less than non-indigenous Australians. However, if we consider the rate of each population from Figure 2, we can find that the rate of Indigenous people is much higher than non-indigenous one. Because the total population of indigenous is smaller than that of non-indigenous. Moreover, The rates of non-indigenous and total population in Victoria and Australia are relatively similar. This suggests that non-indigenous people get worse mental health care contacts. Or indigenous people have more mental health problems.

Moreover, for Figure 2, the rate of Victoria of each indigenous status is less than that of non-indigenous. This suggests that the mental health care service contacts in Victoria are worse than the average condition around Australia.

#### Limitation:

There are other factors that are able to influence mental health. So analysing the relationship of indigenous status and community mental health care service contacts is not enough to produce a result due to other factors.

Moreover, since the lack of data about the population who have mental health conditions by indigenous status, the result can only be caused by the community mental health service contacts