



# COVID 19 Report

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Report for  
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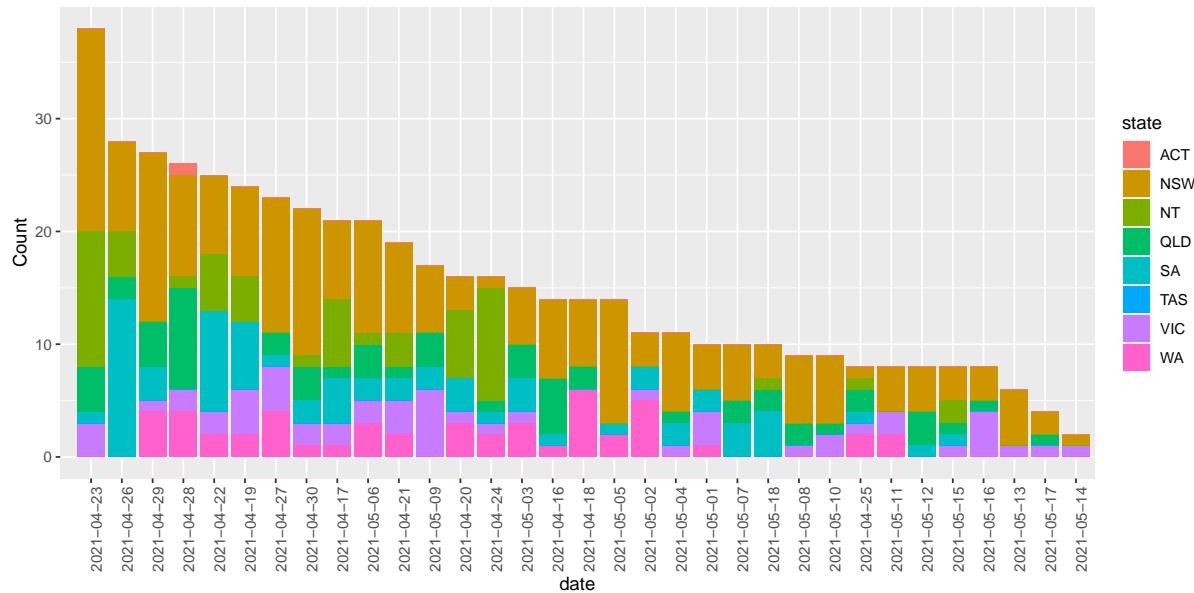
## 1 Introduction

### Total cases in Australia

#### 1.0.1 Highest to lowest case

```
covid <- read_csv("Data/All.csv")  
  
##  
## -- Column specification -----  
## cols(  
##   date = col_character(),  
##   NSW = col_double(),  
##   VIC = col_double(),  
##   QLD = col_double(),  
##   SA = col_double(),  
##   WA = col_double(),  
##   TAS = col_double(),  
##   NT = col_double(),  
##   ACT = col_double()  
## )  
  
covid_long <- covid %>%  
  mutate(date = as.Date(date, '%d-%b')) %>%  
  pivot_longer(cols = -date,  
               names_to = "state",  
               values_to = "Count")  
  dates <- unique(sort(covid_long$date))  
  covid_long$date <- factor(covid_long$date, ordered = T)  
  
ggplot(covid_long,  
       aes(x = reorder(date, -Count),  
            y = Count, fill = state)) +  
  geom_col() +  
  theme(axis.text.x = element_text(angle = 90, vjust = 1, hjust = 1)) +
```

```
expand_limits(x = c(0, NA), y = c(0, NA)) +
scale_y_continuous(labels = scales::label_number_si()) + xlab("date")
```



## Recovery

## Transmission sources of daily cases in Australia

## Vaccination in Australia