

A reproducible report of covid-19 spread for Australians

Anthony Davidson

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The current output of this report is 11 May 2020. This doesnt not garentte the data from the sources are upto date. Feel free to fund this project to insure someone can valiadata this.

ADDITIONALLY: This is NOT a list of what to do. Listen to your local organisations. This website is intended to make it easier to understand the data and associated sources of your informationby linking the simple figure with all the raw information in an open-source structure.

```
# sets paths for computers with other software components
# this code block produces an enviroment warning
# but not sure how to sort depenancies still
# Feb2020

# myPaths <- .libPaths("C:/Program Files/R/R-3.6.2/library")
# myPaths <- c(myPaths)
# .libPaths(myPaths) # add new path
# .libPaths()

library(tidyverse)
library(rmarkdown)    # You need this library to run this template.
library(epuRate)      # Install with devtools:
# devtools::install_github("holtzy/epuRate", force=TRUE)
```

1 Data sources for COVID19

This reproducible format allows for the same results to be generated for multiple time intervals. Previously generated reports can be found in the [github](#) repository that builds this website.

This website only produces a single snapshot of the current data within the datasources referenced. It was built with Australian residents in mind. The data is sourced from other open-source projects currently (massive thankyou!!)

1.1 Wuhan-2019-nCoV

[canghailan/Wuhan-2019-nCoV](#)

1.2 Cases, provided by JHU CSSE

Novel Coronavirus (COVID-19) Cases, provided by JHU CSSE

1.3 Real-time

To use real-time data on the Corona virus epidemic, read from the end points below:

- csv: <https://raw.githubusercontent.com/canghailan/Wuhan-2019-nCoV/master/Wuhan-2019-nCoV.csv>
- json: <https://raw.githubusercontent.com/canghailan/Wuhan-2019-nCoV/master/Wuhan-2019-nCoV.json>

2 Shiny apps for COVID19

2.1 John Coene institute

2.2 ncov19 package

2.3 COVID-19 Epi Curves

Created by Simon Thelwall

2.4 John-Hopkins university

2.5 UK

2.6 Switzerland

2.7 Other git repositories

These sites and new resources are growing by the hour.

3 Data accessed

Australia specific data:

3.1 Detailed and live??

3.2 Key figures

The data is accessed from the following sources: