

MDSS X MALTEM AUSTRALIA VISATHON

# VISUALISING AUSTRALIA'S PROGRESS

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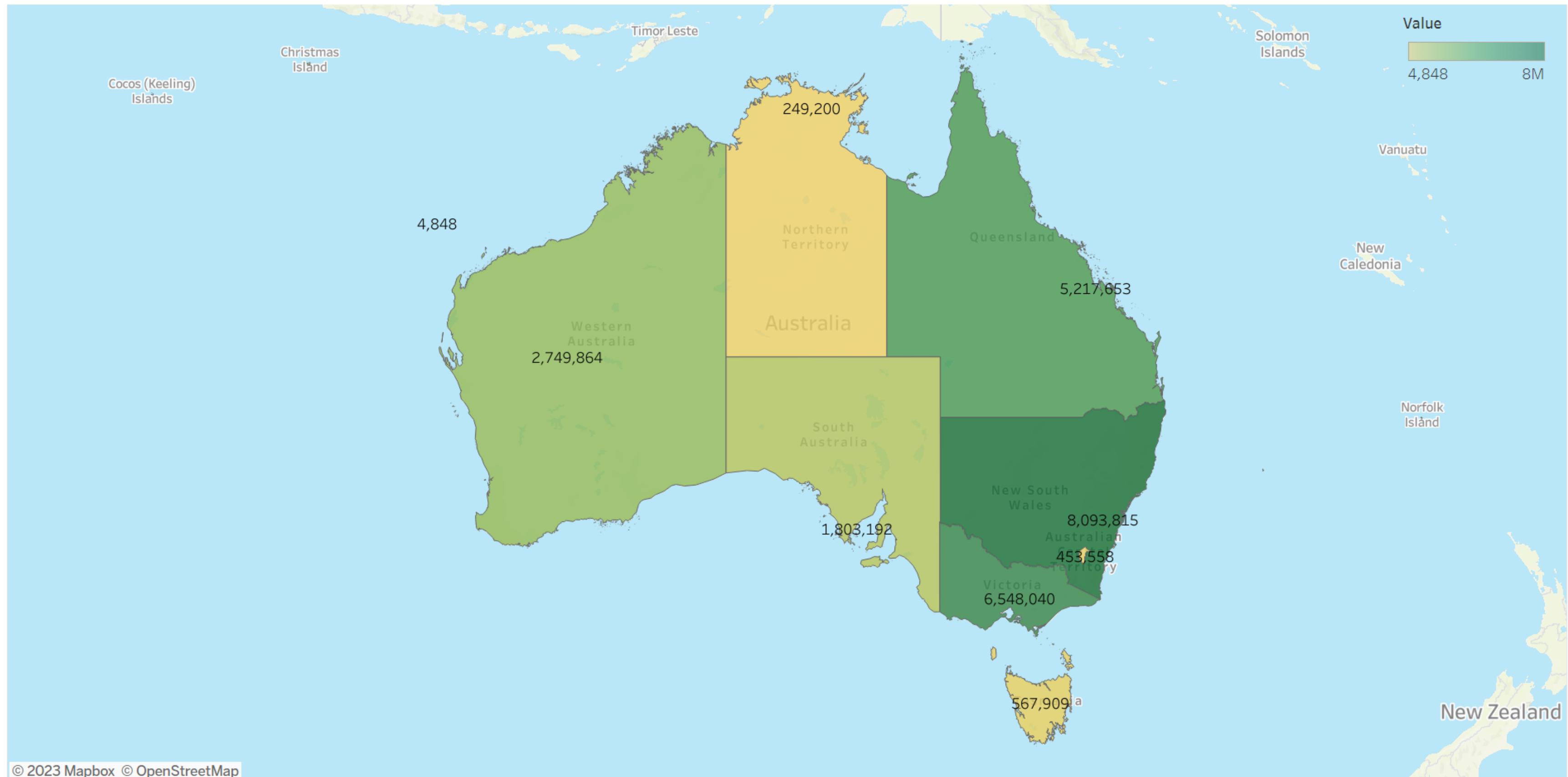


# PROJECT AIM

## EXPLORING THE LINK BETWEEN ECONOMY AND WELL-BEING IN AUSTRALIA

The primary aim of this project is to explore the relationship between economic activity and well-being in Australia. Despite these factors not reflecting each other, this project seeks to provide a more comprehensive understanding of Australia's progress by examining the link between Australia's economy and the well-being of the country's citizens.

# ESTIMATED POPULATION (2021)

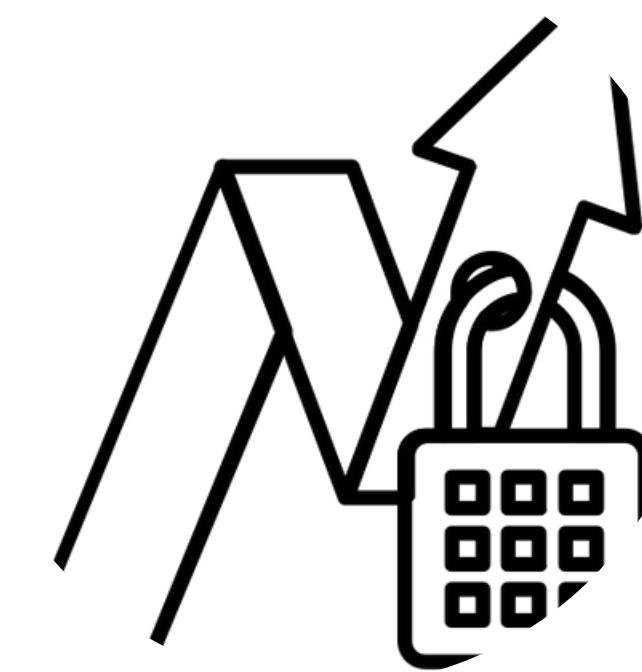


[Link to dashboard](#)

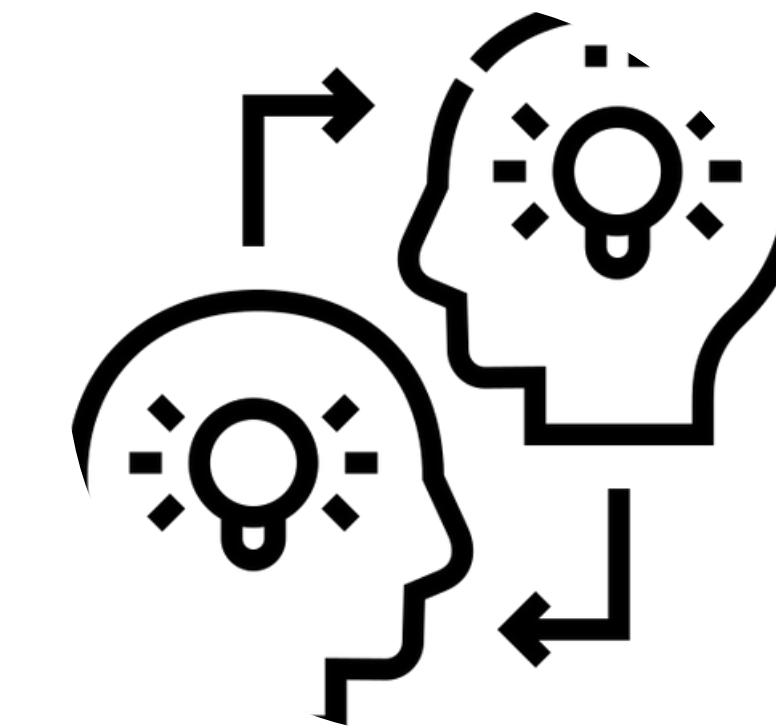
# ECONOMIC ACTIVITY INDICATORS



ACTIVELY TRADING BUSINESSES



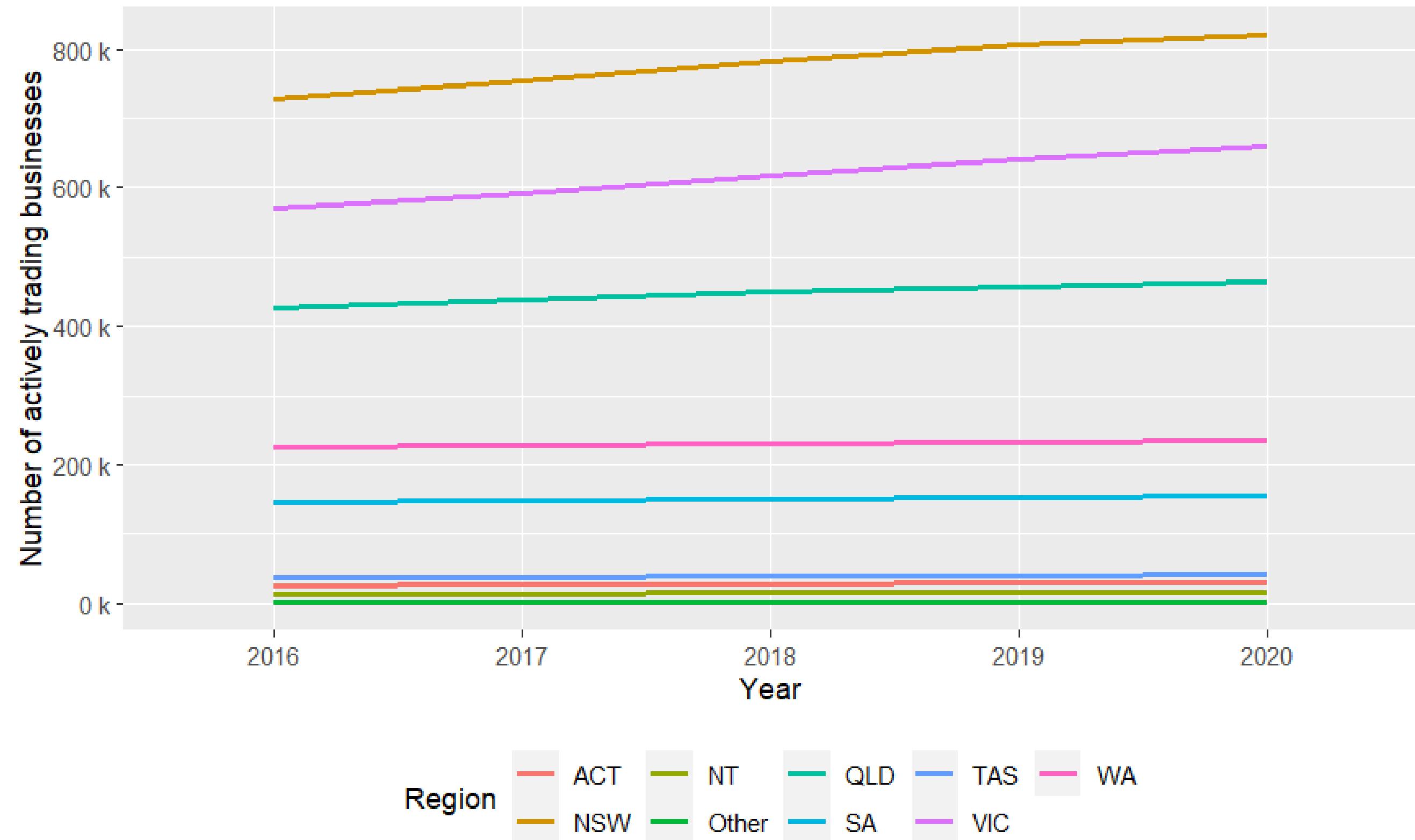
NET BUSINESS ENTRY RATE



EMPLOYMENT IN KNOWLEDGE  
INTENSIVE INDUSTRIES

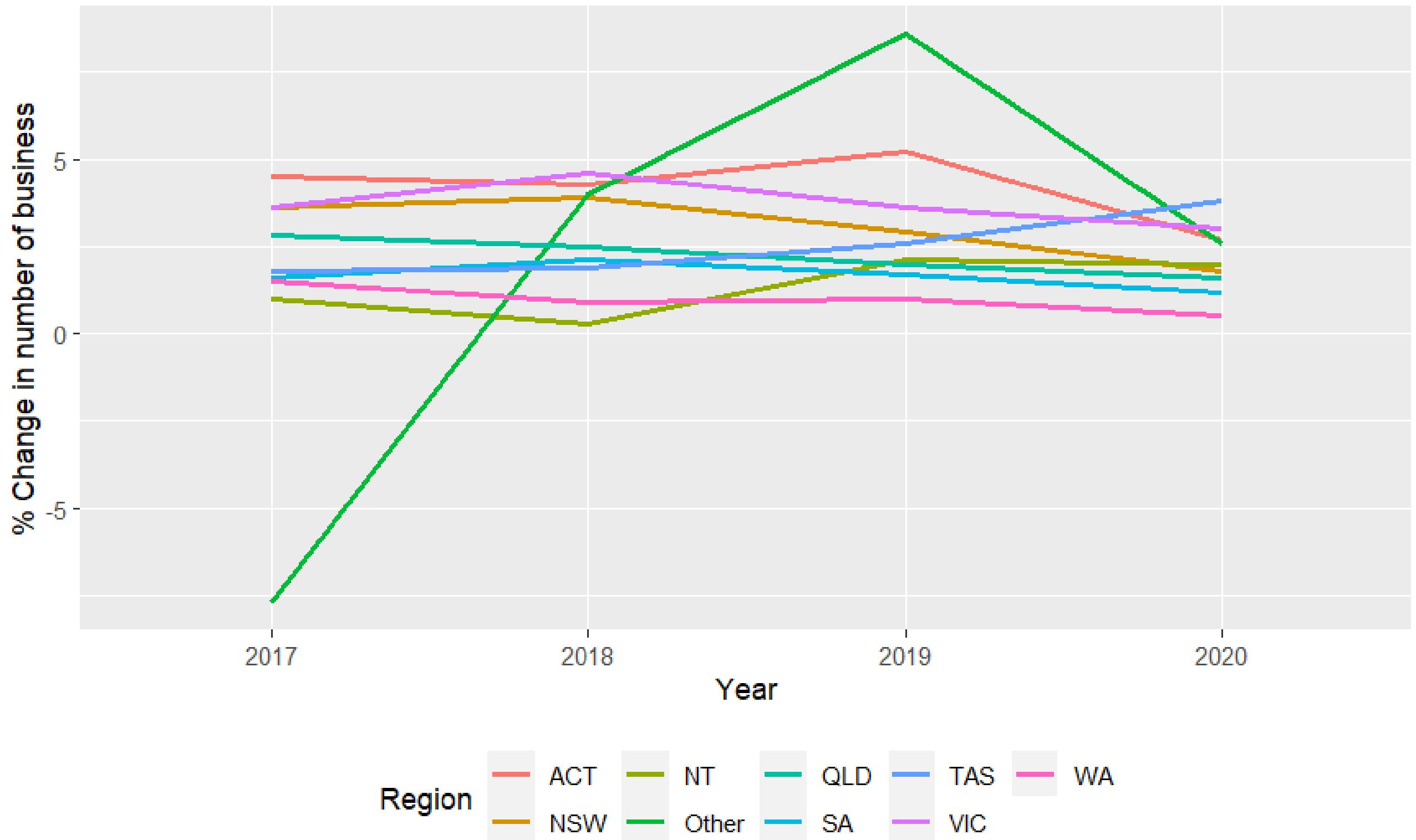
A close-up photograph of a black electronic calculator with a numeric keypad and various function keys like RCL, END, and STAT. It is resting on several US dollar bills, including a \$100 bill and a \$50 bill, illustrating the theme of business and finance.

# ACTIVELY TRADING BUSINESSES



Slight increase in economic activity in NSW and VIC

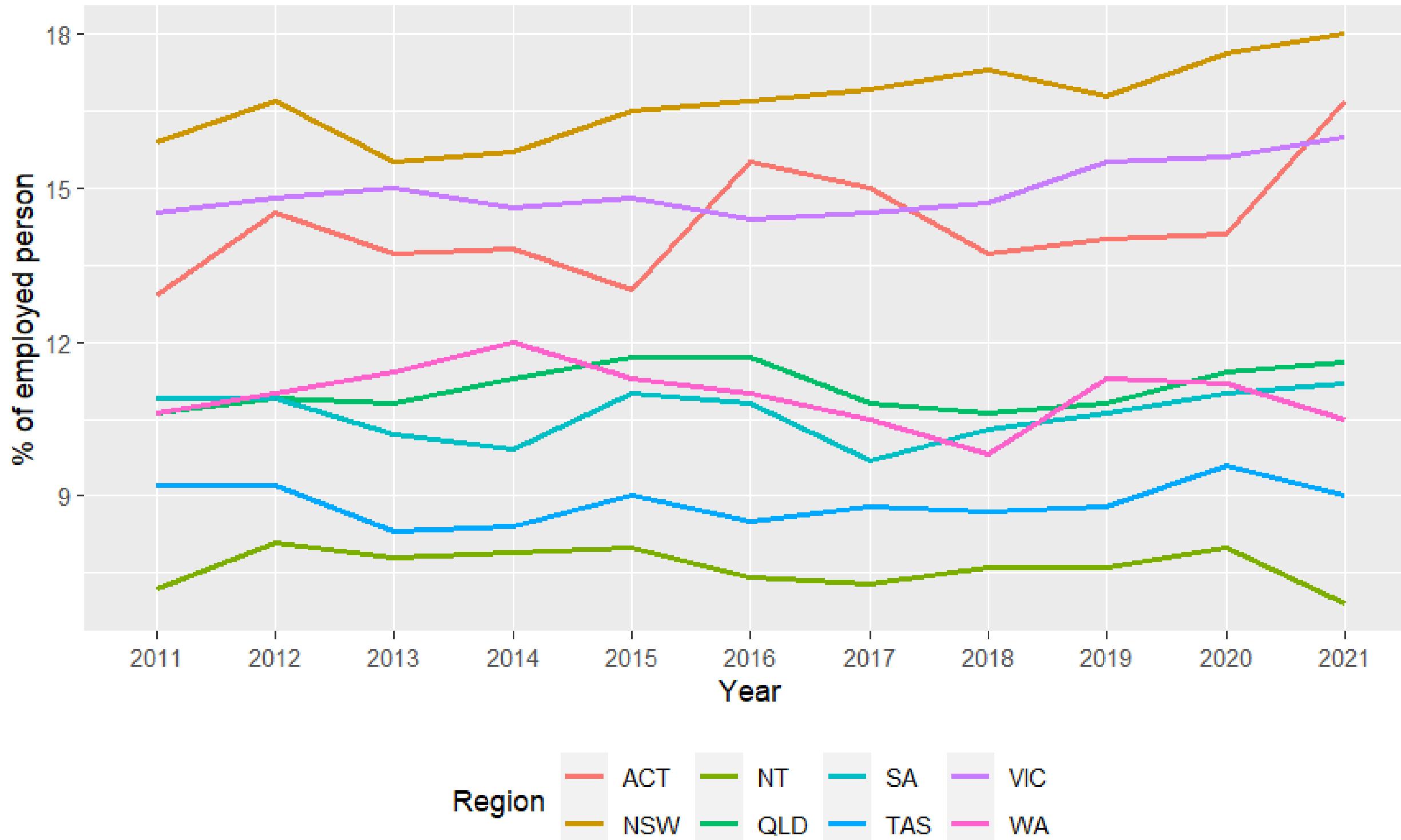
# NET BUSINESS ENTRY RATE



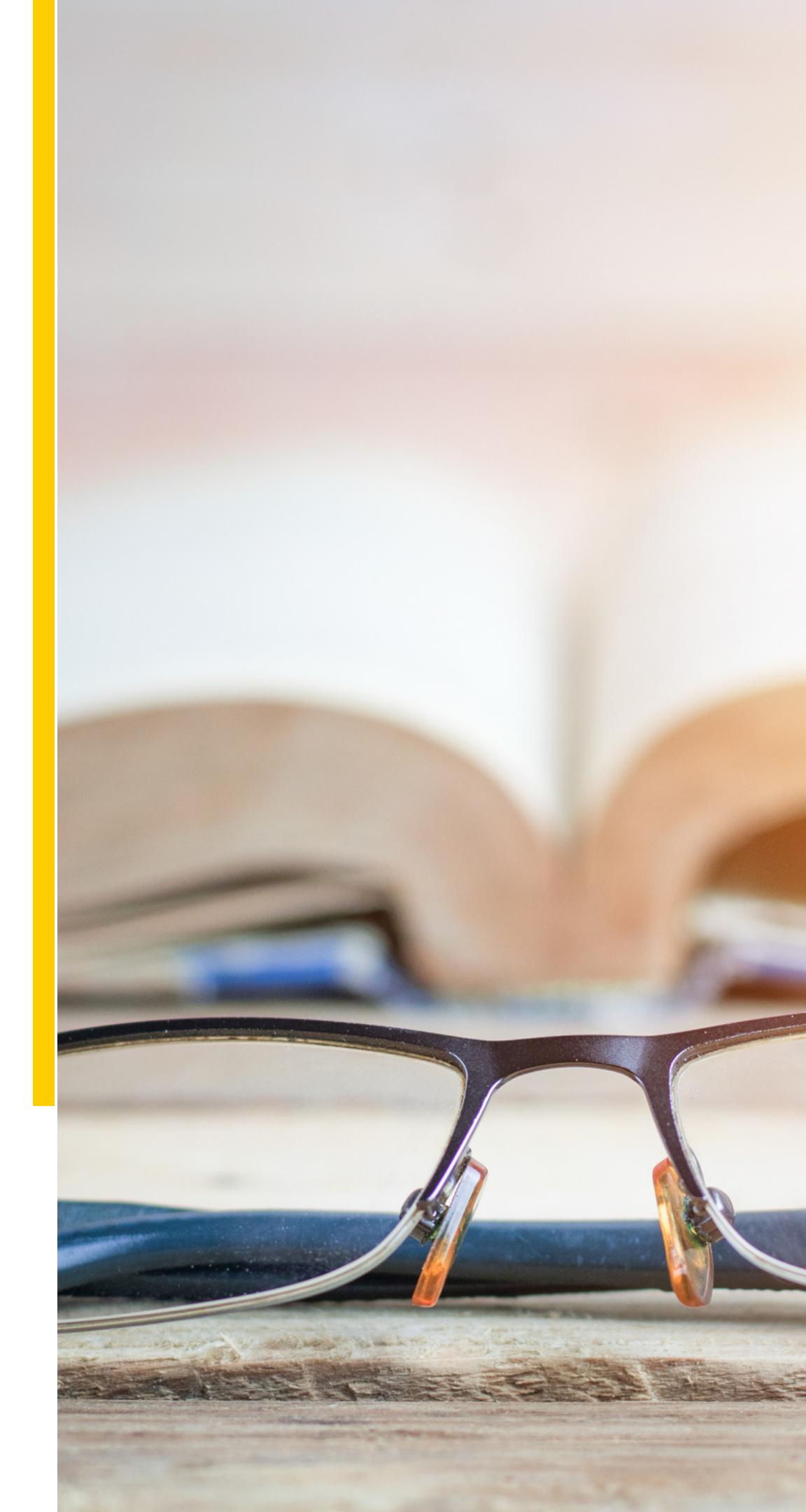
Growing business potential in Tasmania



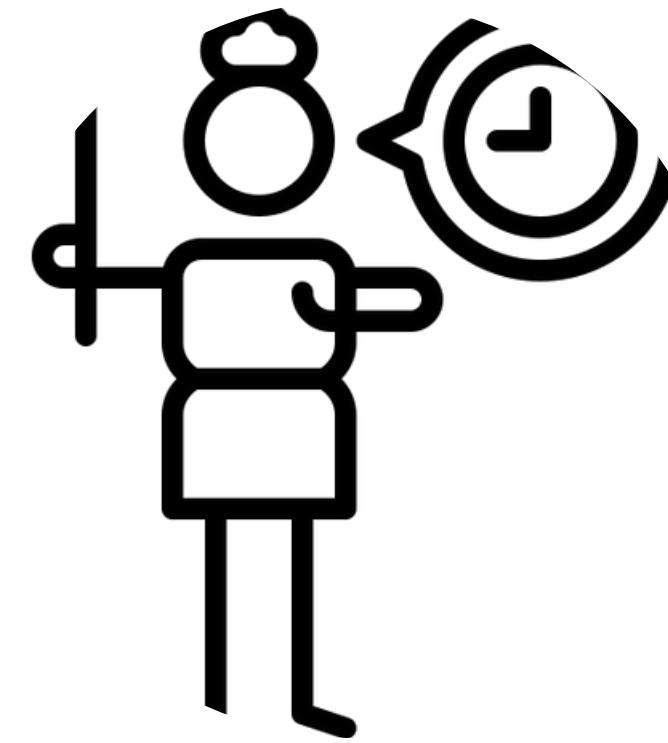
# EMPLOYMENT IN KNOWLEDGE-INTENSIVE INDUSTRIES



The decreasing trend is likely due to impact of COVID-19



# WELL-BEING INDICATORS



LIFE EXPECTANCY



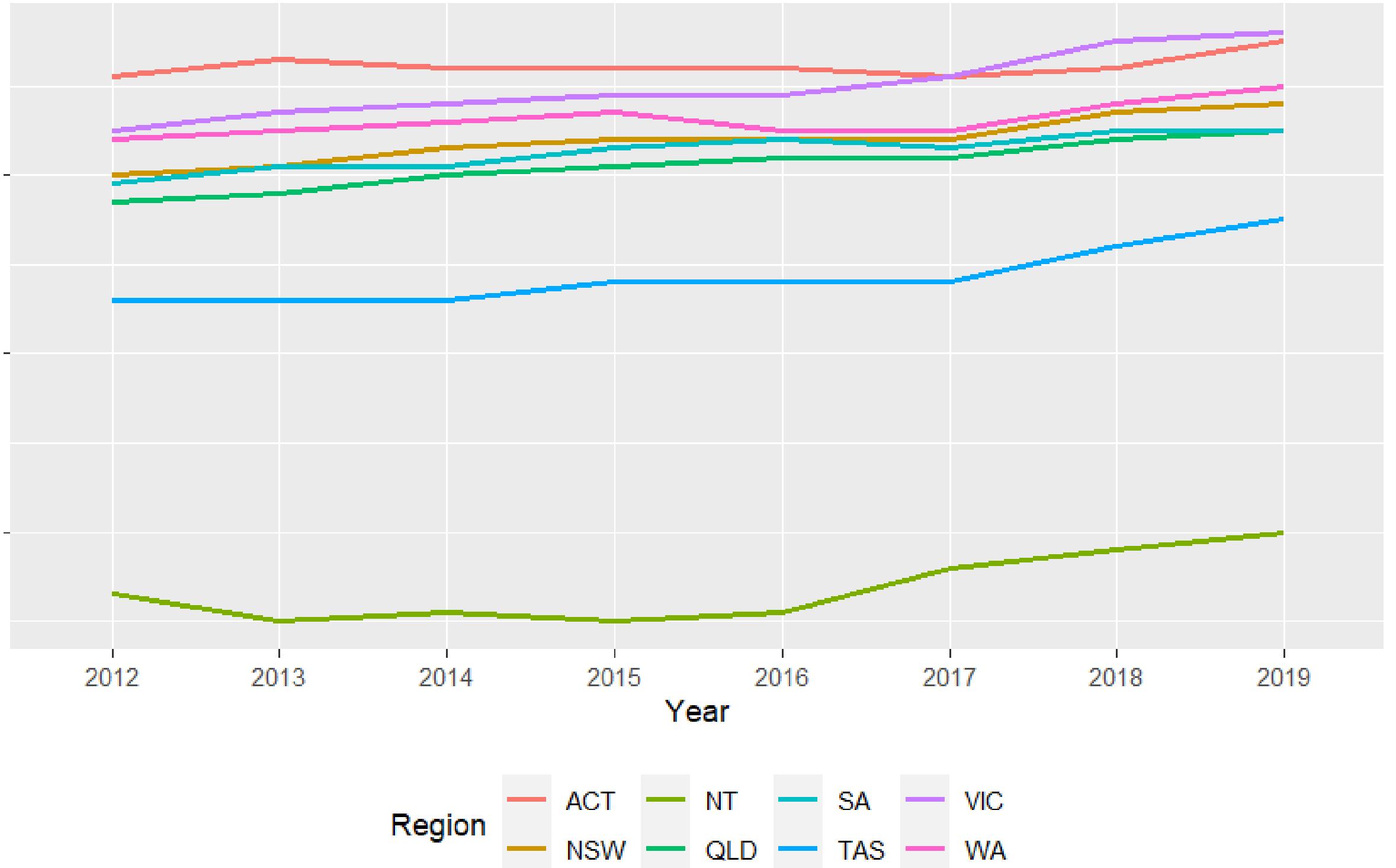
PSYCHOLOGICAL DISTRESS



SUICIDE RATE

# LIFE EXPECTANCY

Average life expectancy

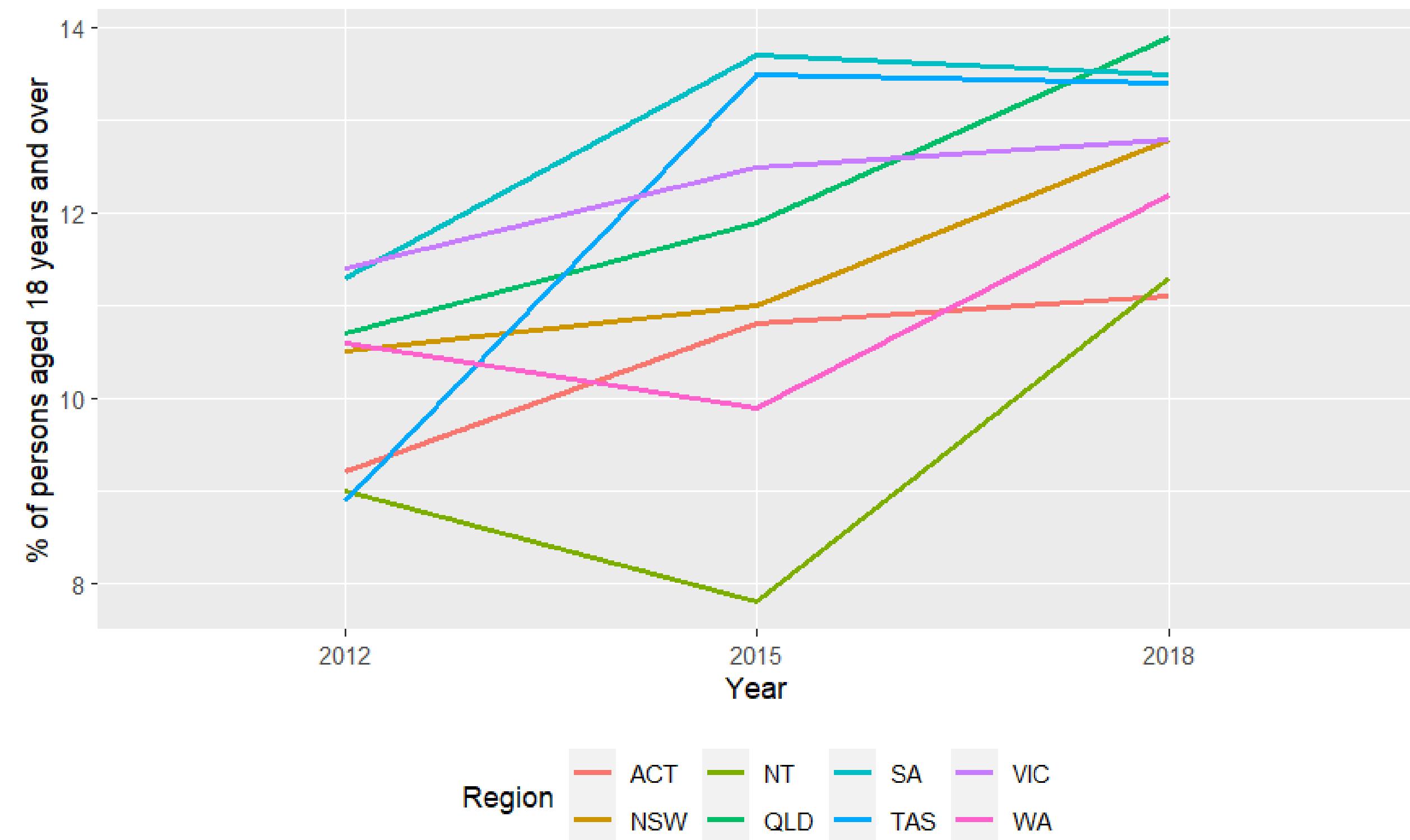


Life expectancy has been slowly increasing



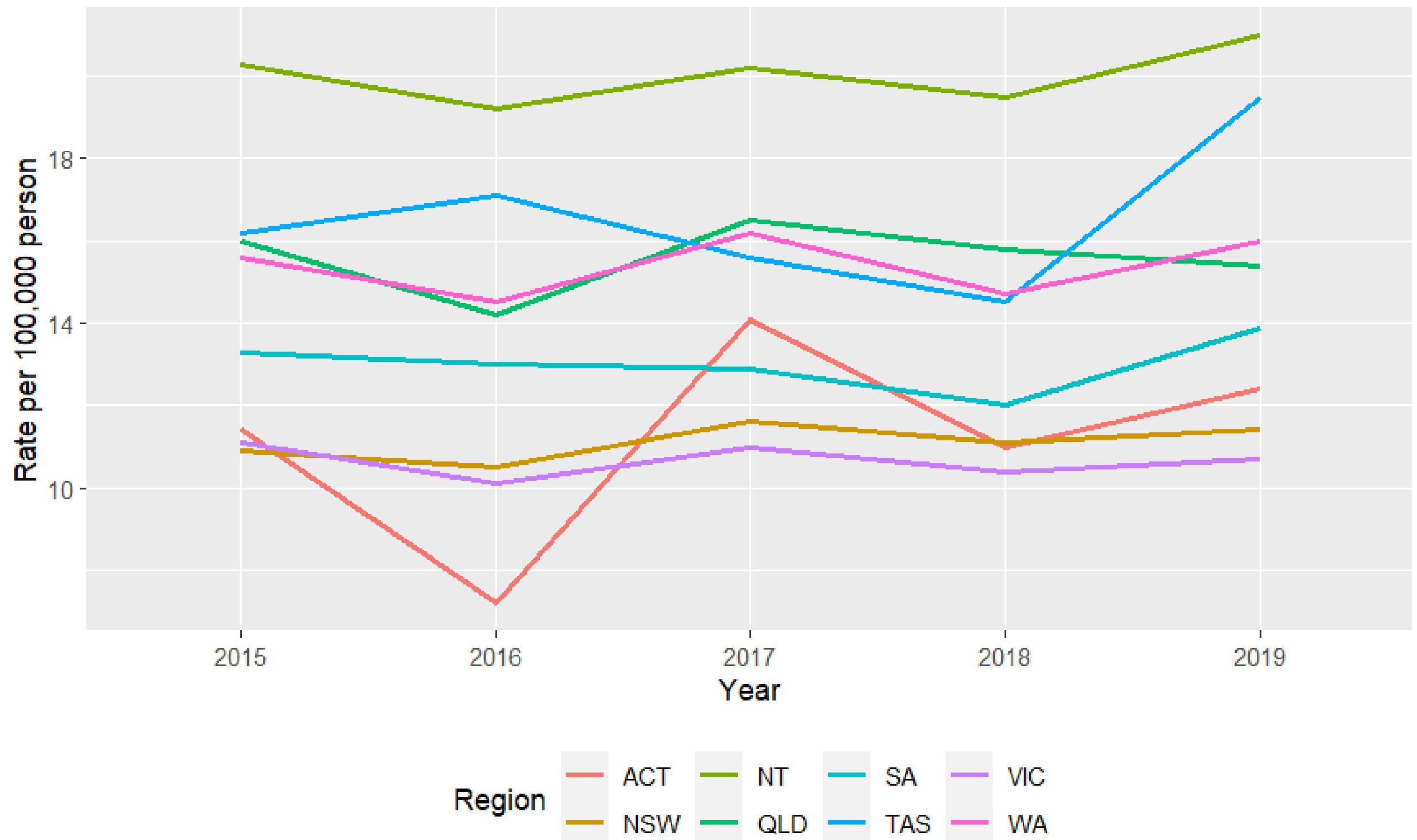


# PSYCHOLOGICAL DISTRESS



Increasingly many people experience psychological distress

# SUICIDE RATE



NT has highest suicide rate over the years



# CORRELATION ANALYSIS

- Employment rate in knowledge-intensive service industries has the highest positive correlation with life expectancy
- Suicide rate is prominently negatively correlated to the other indicators

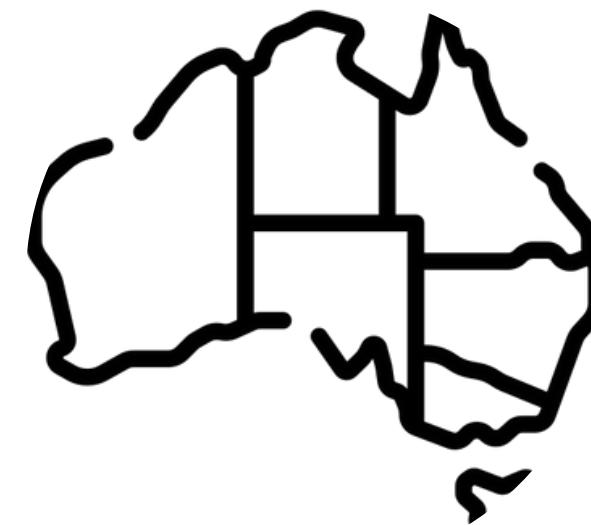


# SUMMARY

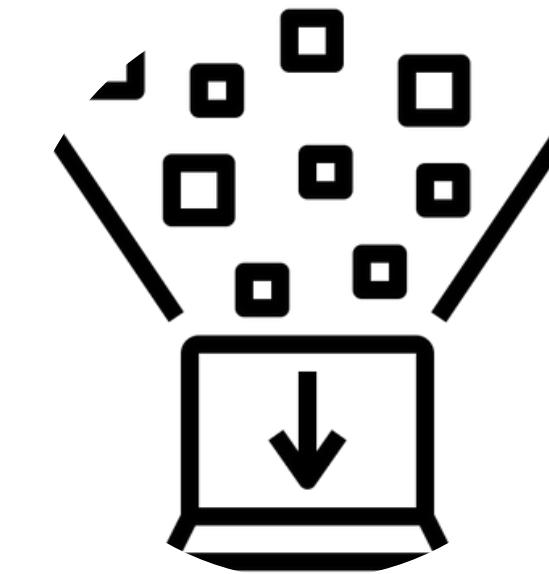
- Australia's economy is growing steadily notably in NSW and VIC
- Increasing mental health issues as economic activity improves
- Economic activities and well-being indicators are shown to be highly correlated to each other



## FUTURE DIRECTIONS



Perform analysis in more granular regions to better understand local trends



More regular data collection on psychological distress to monitor citizen mental well-being



**THANK YOU!**