

# Australian Social Trends 2008



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Social Analysis and Reporting

**Australian Social Trends**  
2008 seminar, Darwin

27 August 2008

## **Online nation is against children**

The Herald-Sun, 24 July

### **SOCIAL TRENDS**

Big bucks seal it for the fly-in (male) worker

The Age, 24 July

## **Commuters steer clear of ACT buses**

The Canberra Times, 24 July

We're a smarter, poorer lot

The Courier Mail, 24 July

Quacks turn mainstream as demand doubles

The Australian, 24 July

## **Seven-year itch cured**

The Herald-Sun, 24 July

Young to get used to parents' largesse

The Australian Financial Review, 24 July

Half of young people can't read well

The Australian, 24 July

# Today's seminar



Population



Family and community



Health



Education and training



Work



Economic resources



Housing



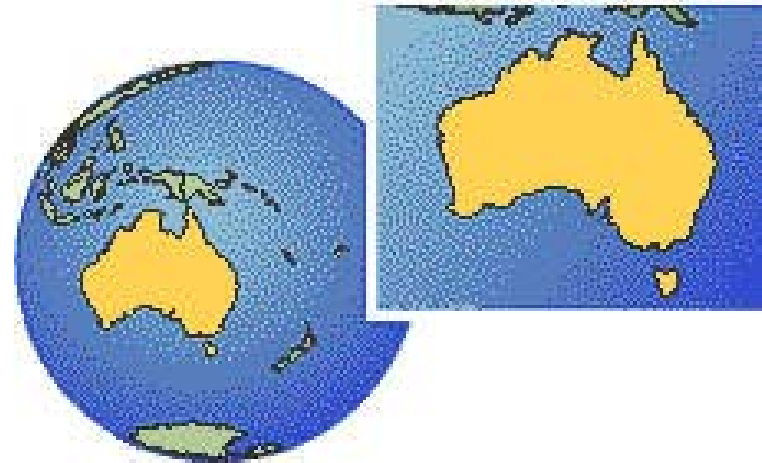
Other areas of concern

# Population

- Population distribution

- ...by remoteness areas

- ...change 1996-2006

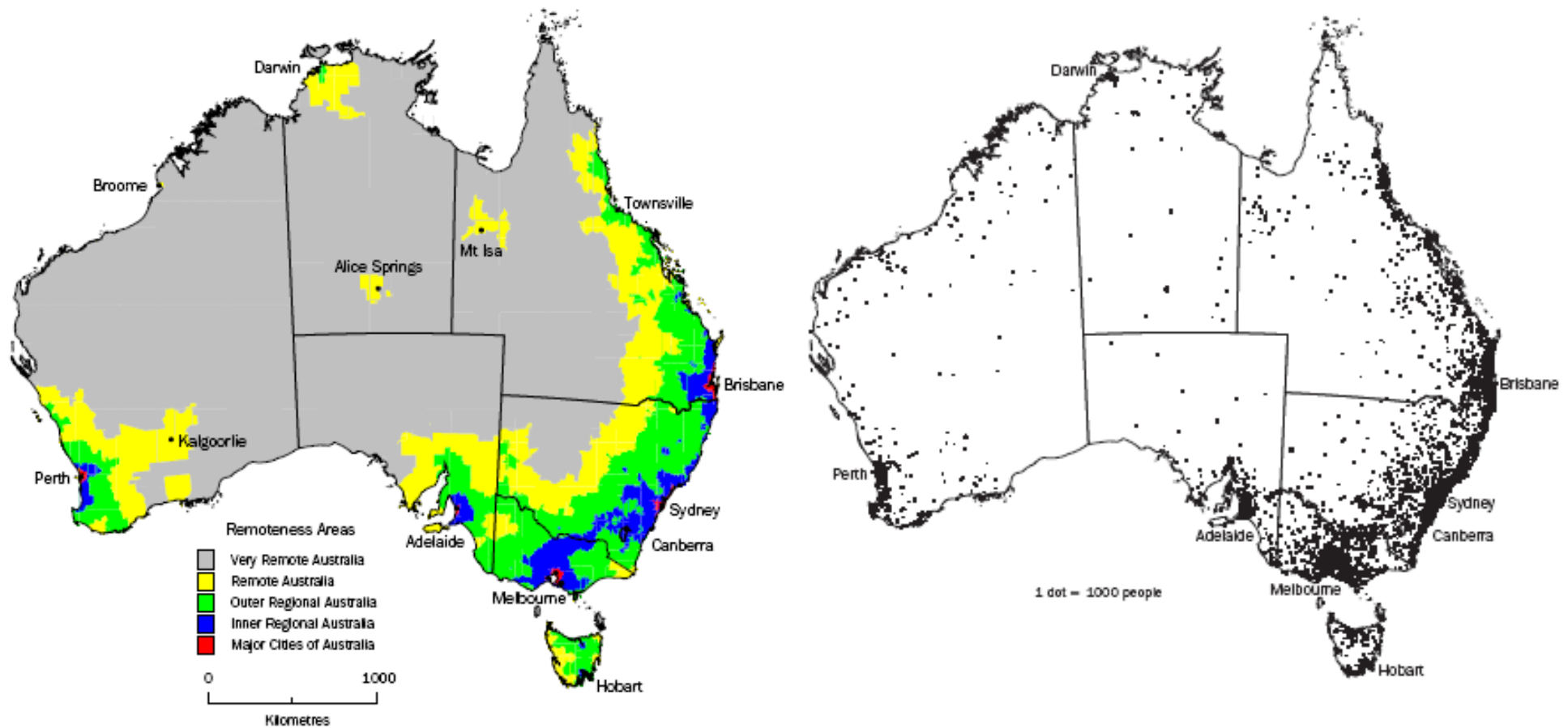


- Towns of the mineral boom

- ...which towns?

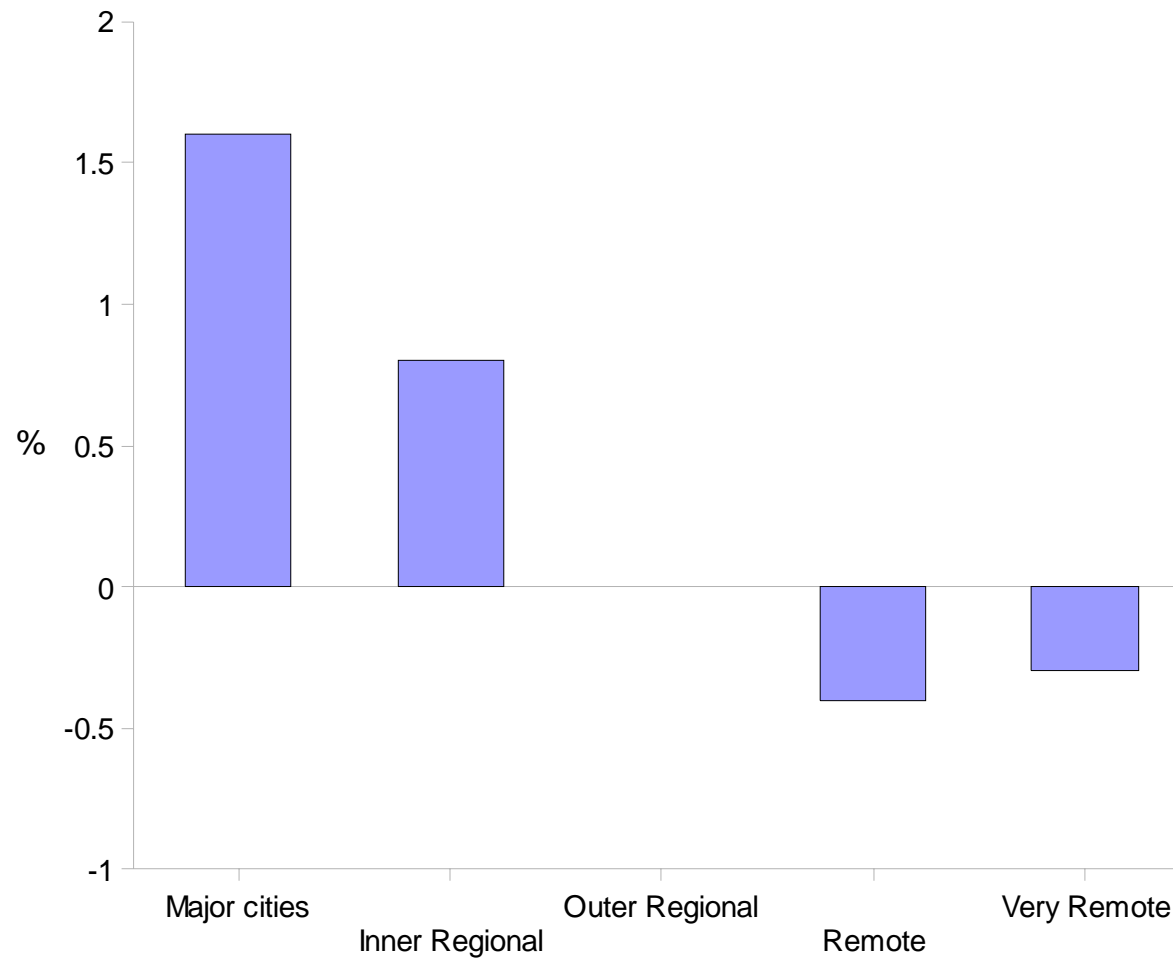
- ...socio-demographic changes

# Remoteness Areas and population distribution at 30 June 2006



Source: ABS preliminary Estimated Resident Population

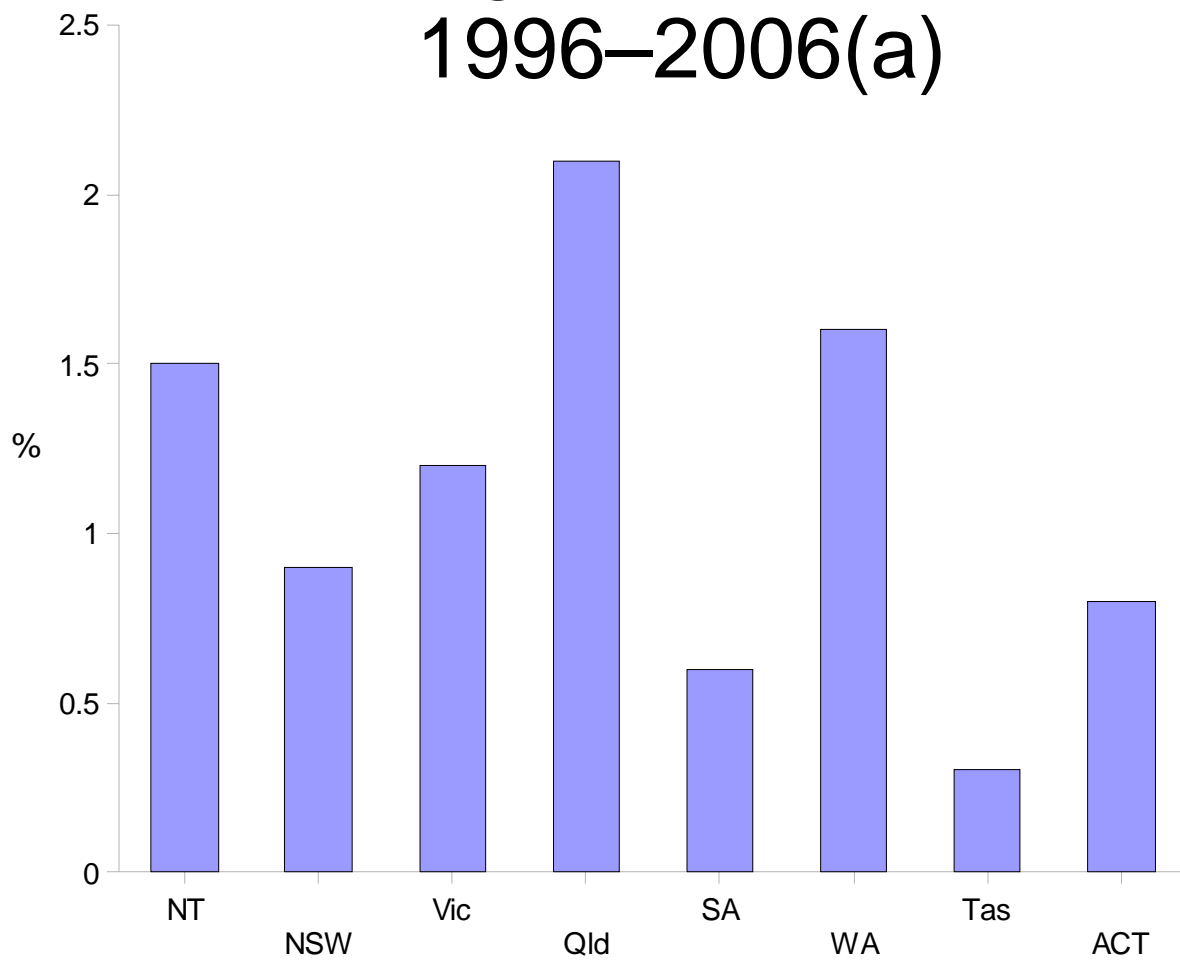
# Population change 1996–2006(a)



(a) Average annual growth rate

Source: ABS preliminary Estimated Resident Population

# Population change in States and Territories 1996–2006(a)

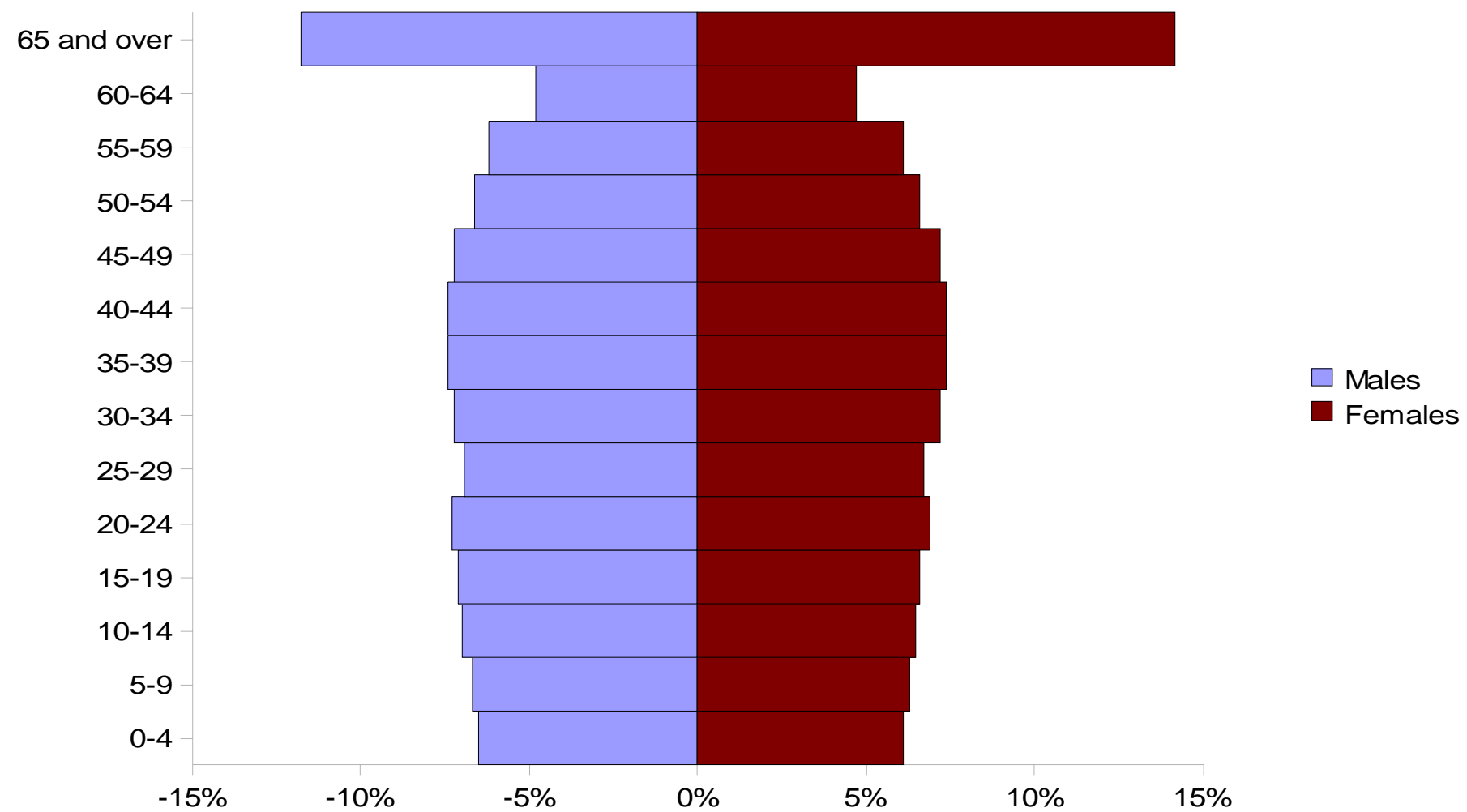


(a) Average annual growth rate

Source: ABS Estimated Resident Population

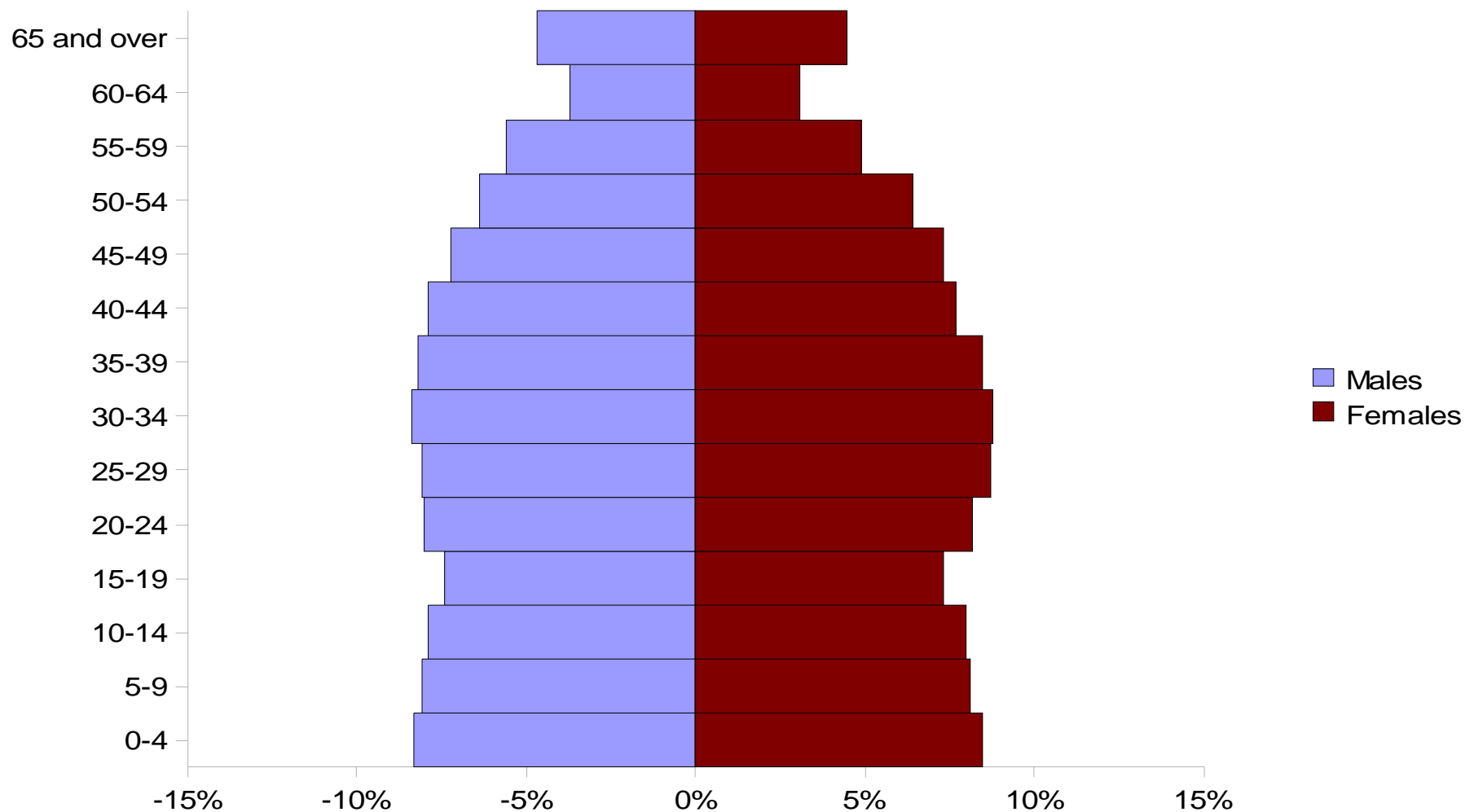


# Australian population structure 2006



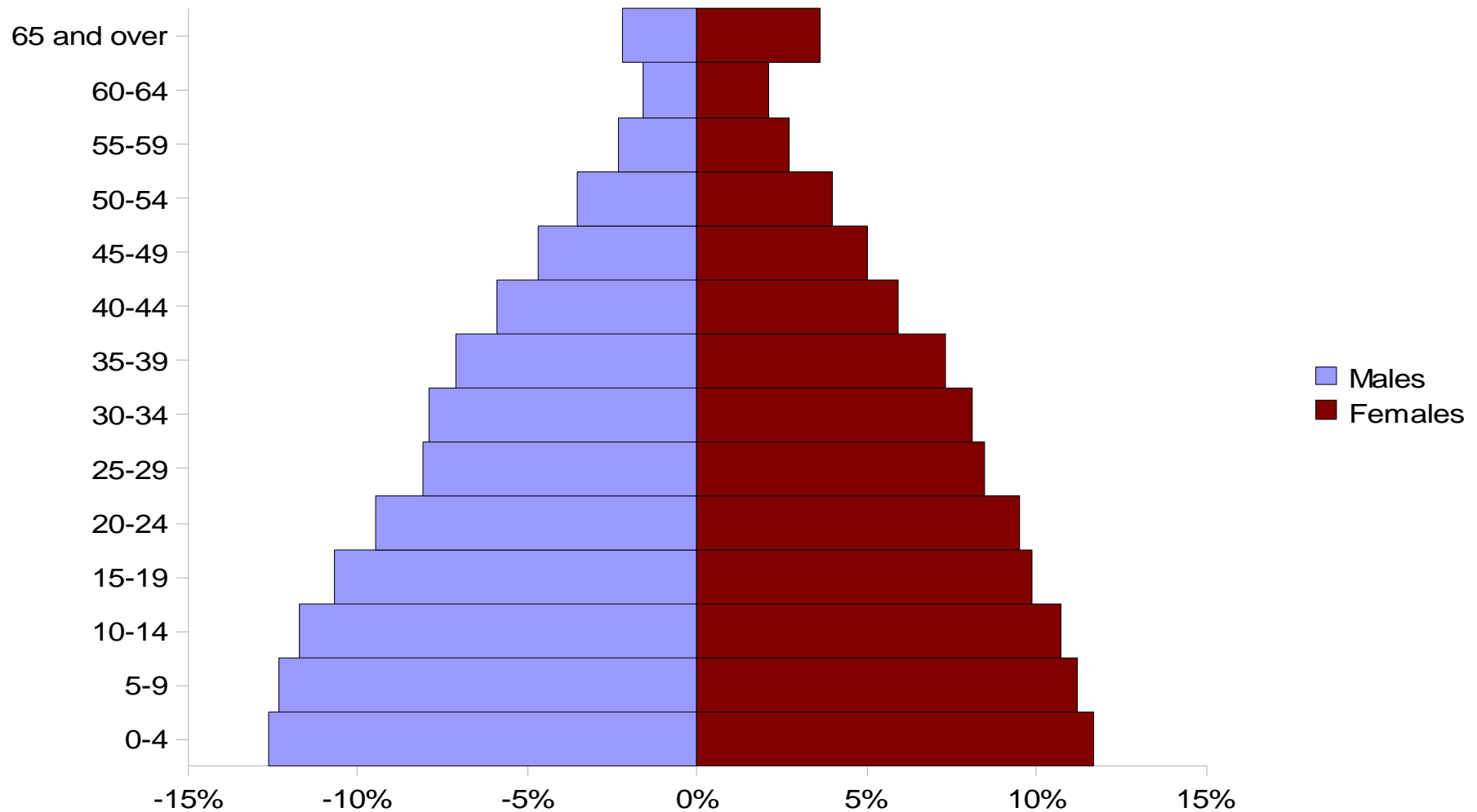
Source: ABS Experimental Estimates of Aboriginal and Torres Strait Islander Australians, 2006

# NT population structure 2006



Source: ABS Experimental Estimates of Aboriginal and Torres Strait Islander Australians, 2006

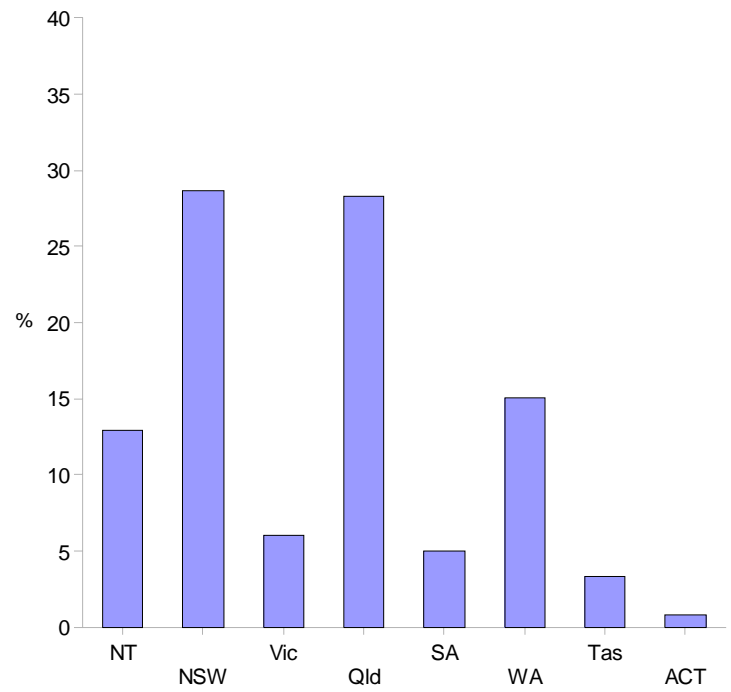
# NT Indigenous population structure 2006



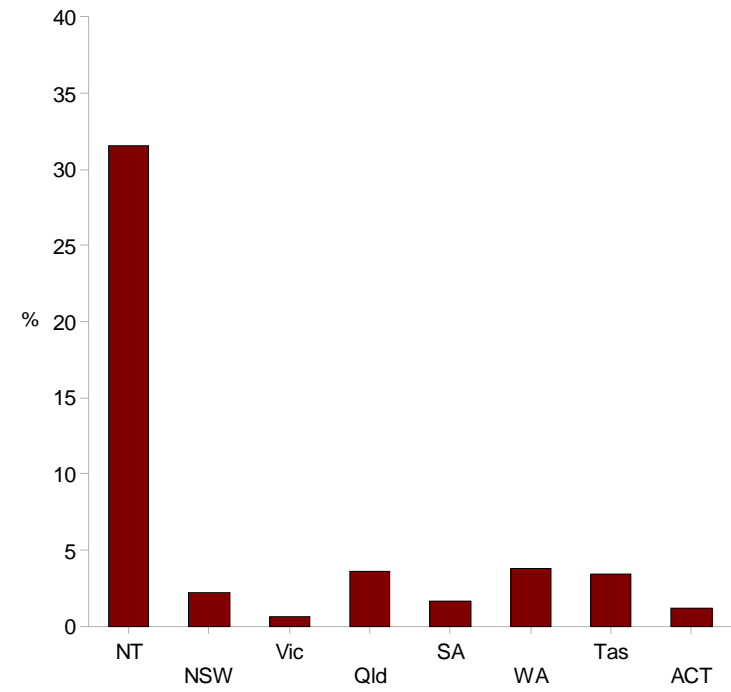
Source: ABS Experimental Estimates of Aboriginal and Torres Strait Islander Australians, 2006

# States and Territories: Indigenous population 2006

Proportion of total Indigenous population

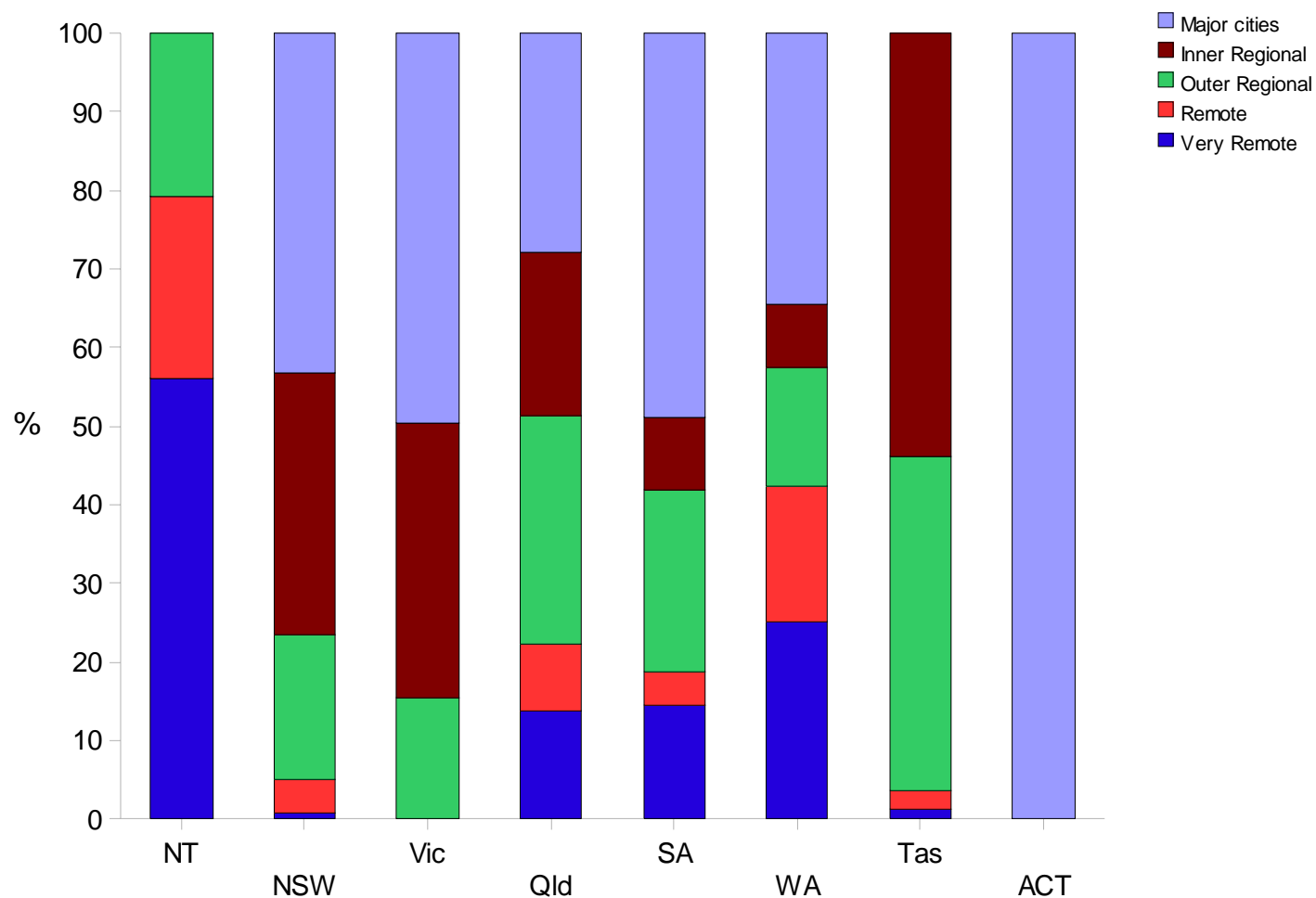


Proportion of State/Territory population



Source: ABS Population Characteristics, Aboriginal and Torres Strait Islander Australians, 2006

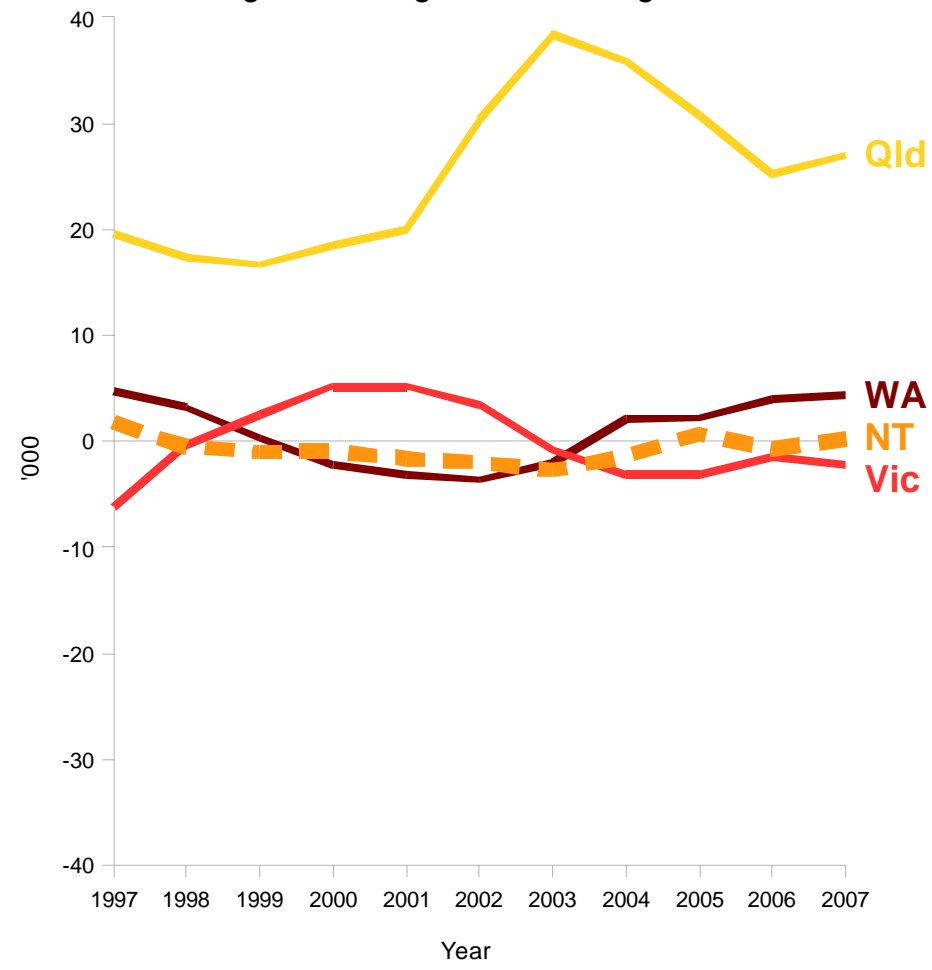
# Remoteness Areas: Indigenous population 2006



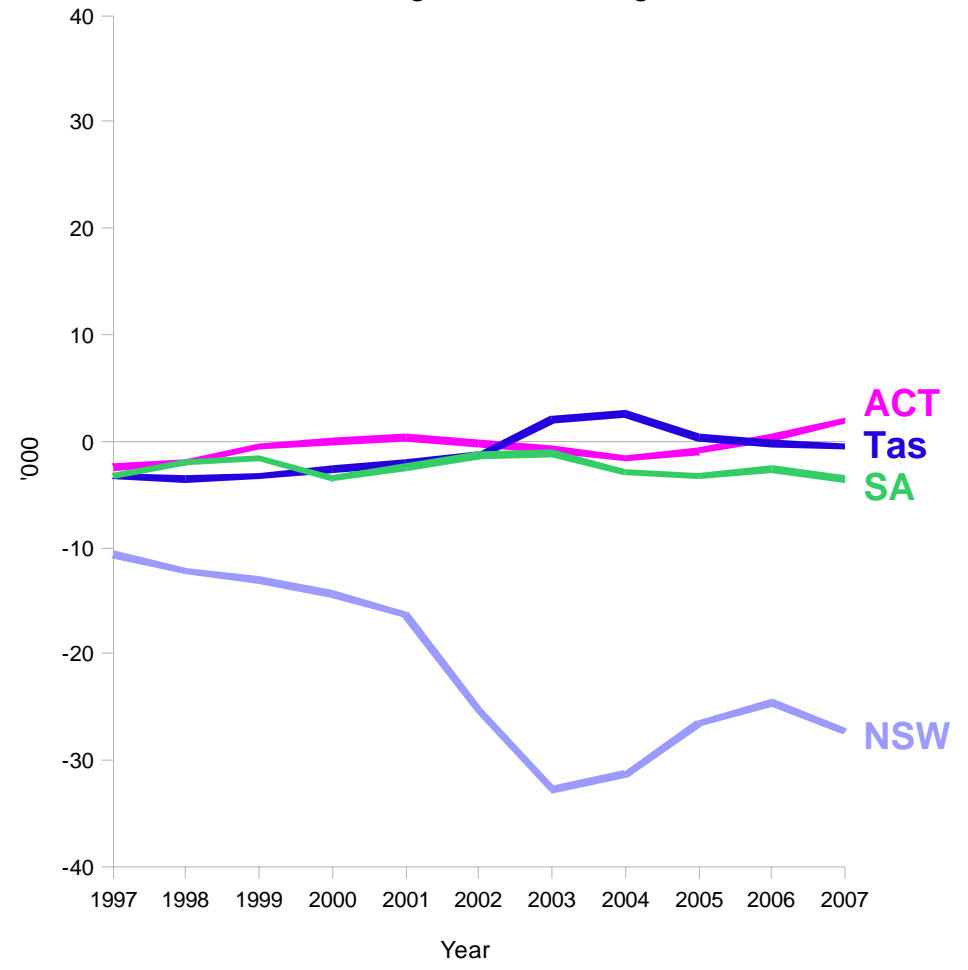
Source: ABS Population Characteristics, Aboriginal and Torres Strait Islander Australians, 2006

# Interstate Migration

Highest Average Interstate Migration



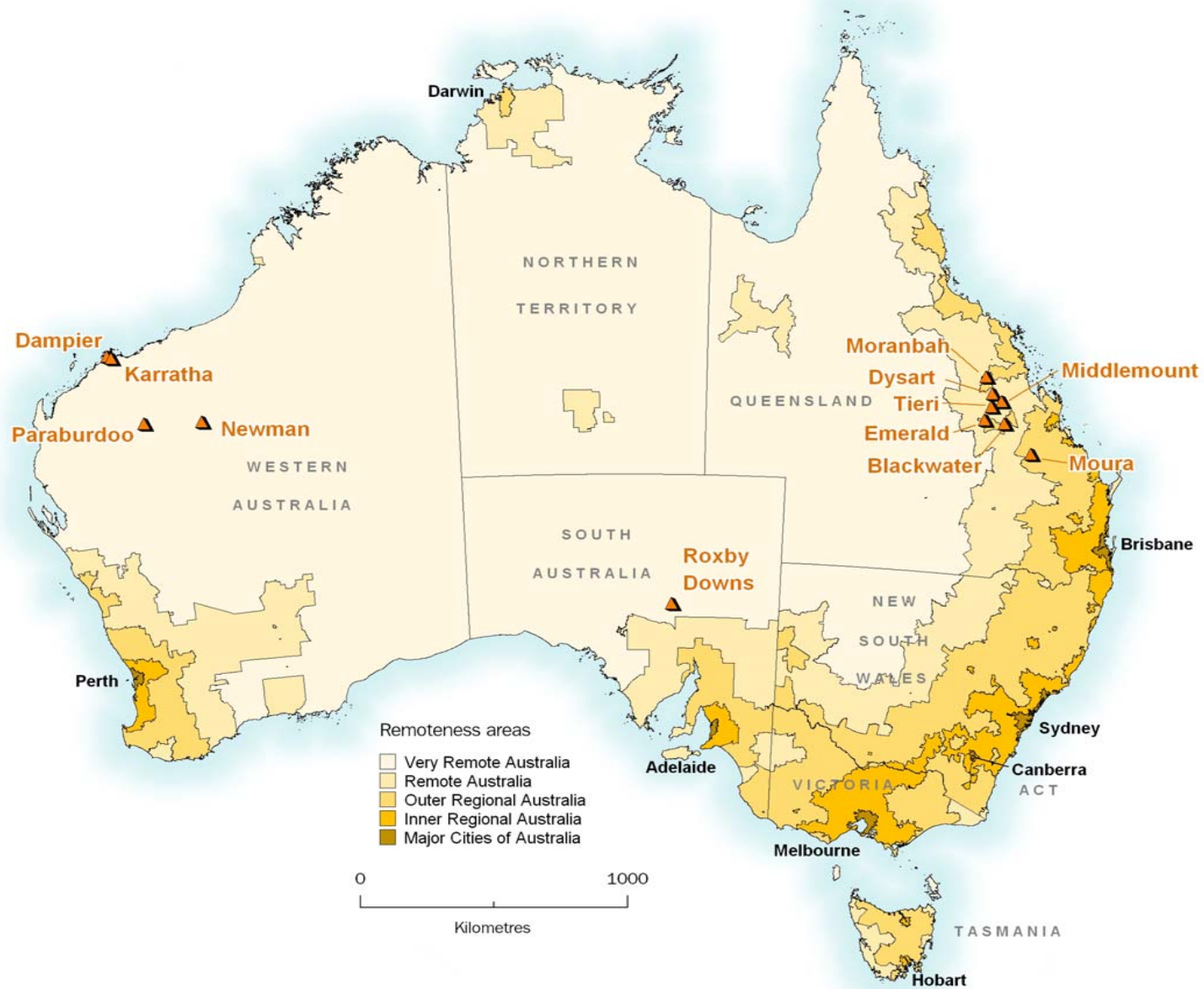
Lowest Average Interstate Migration



Source: Australian Demographic Statistics

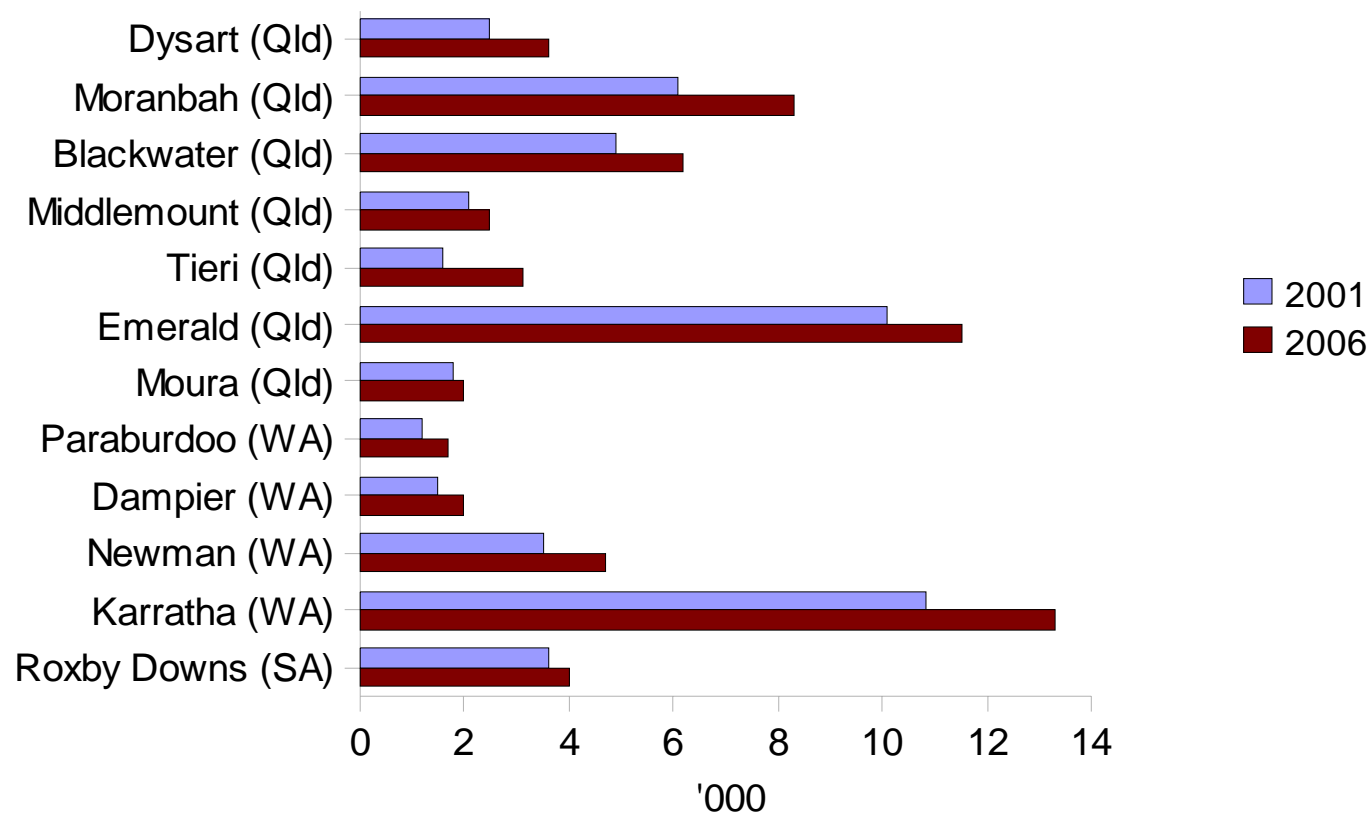
## Towns of the minerals boom

- Rapid population growth
- High proportion employed in mining



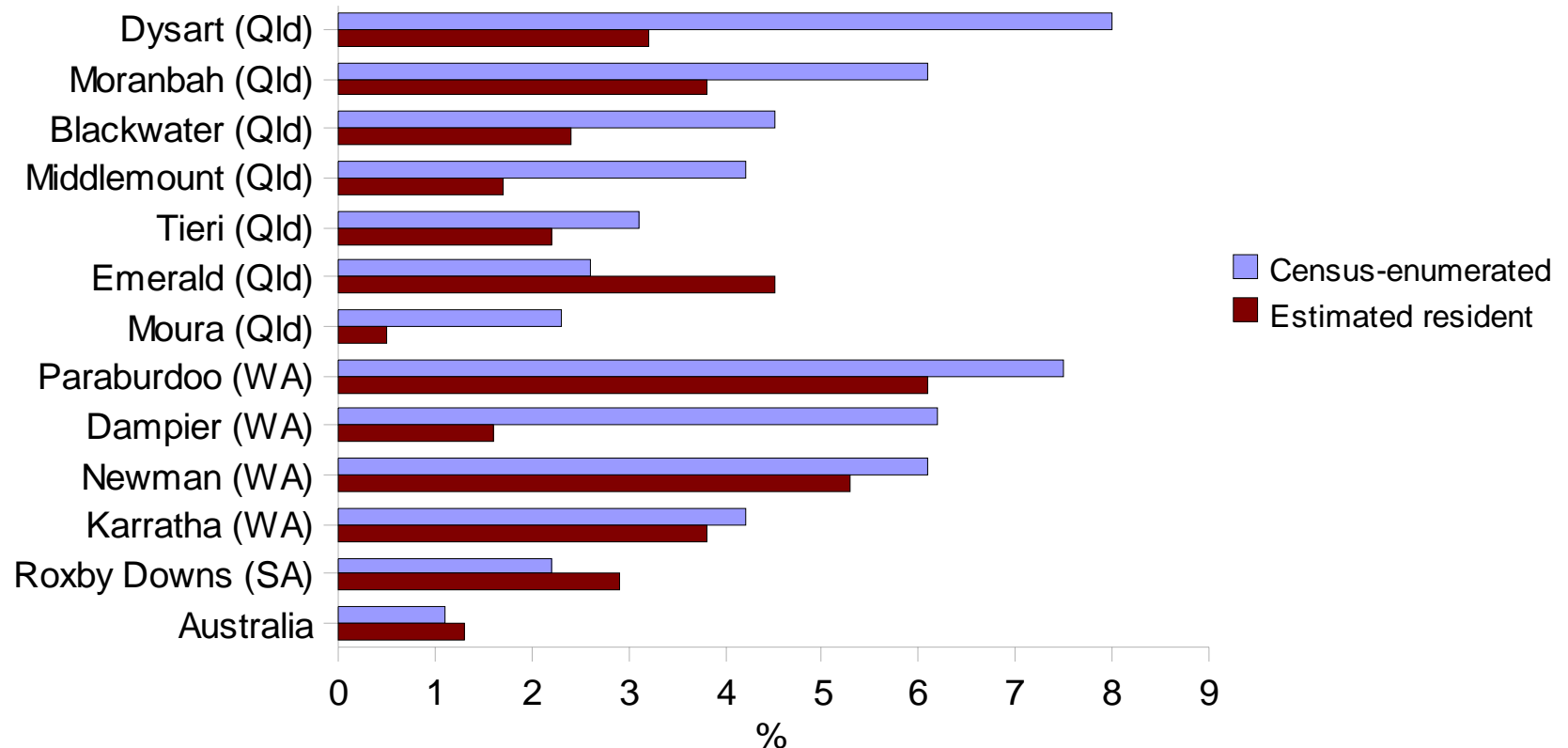


# Population of boom towns



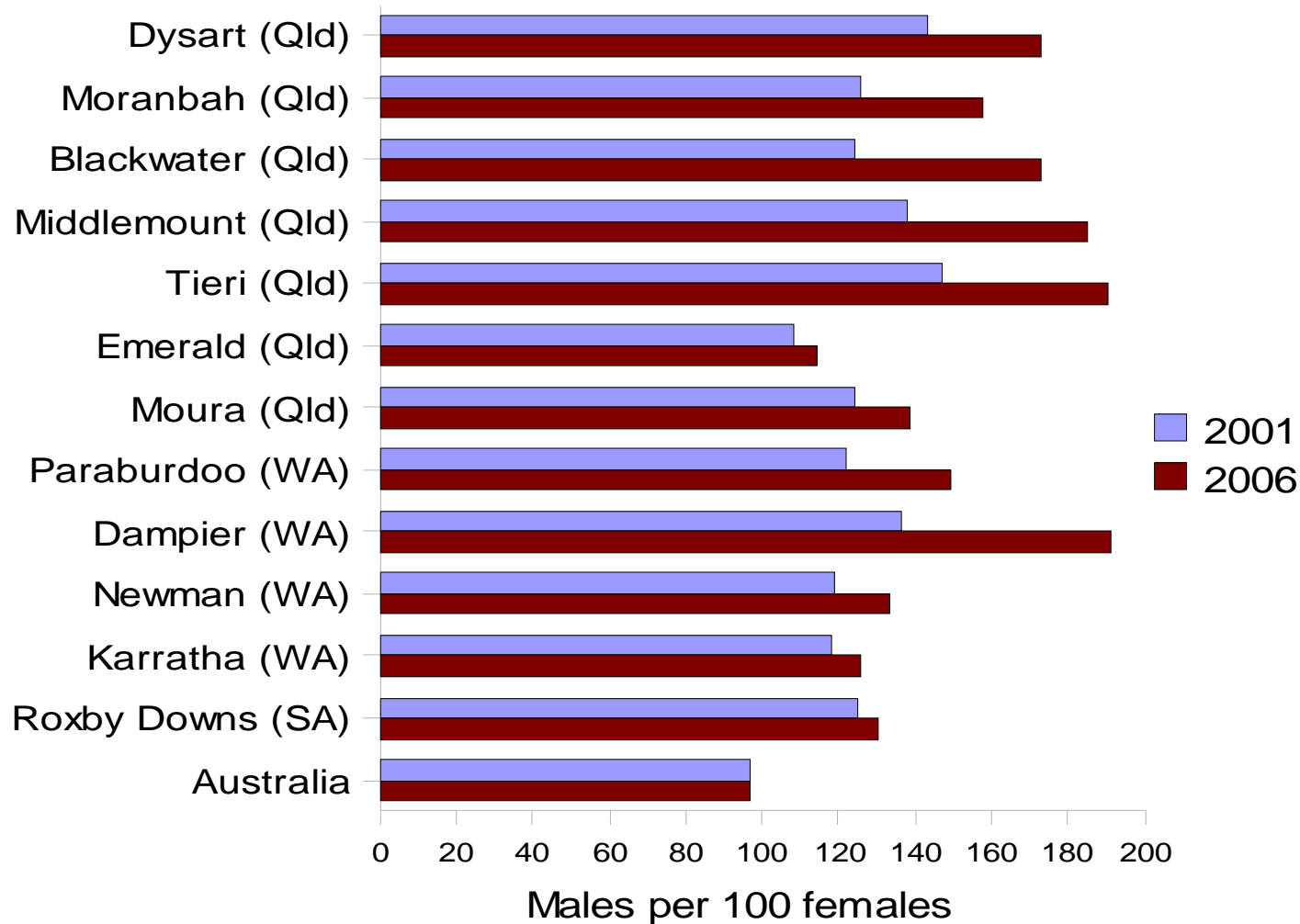
Source: 2001 and 2006 ABS Censuses of Population and Housing

# Population growth in boom towns 2001-2006



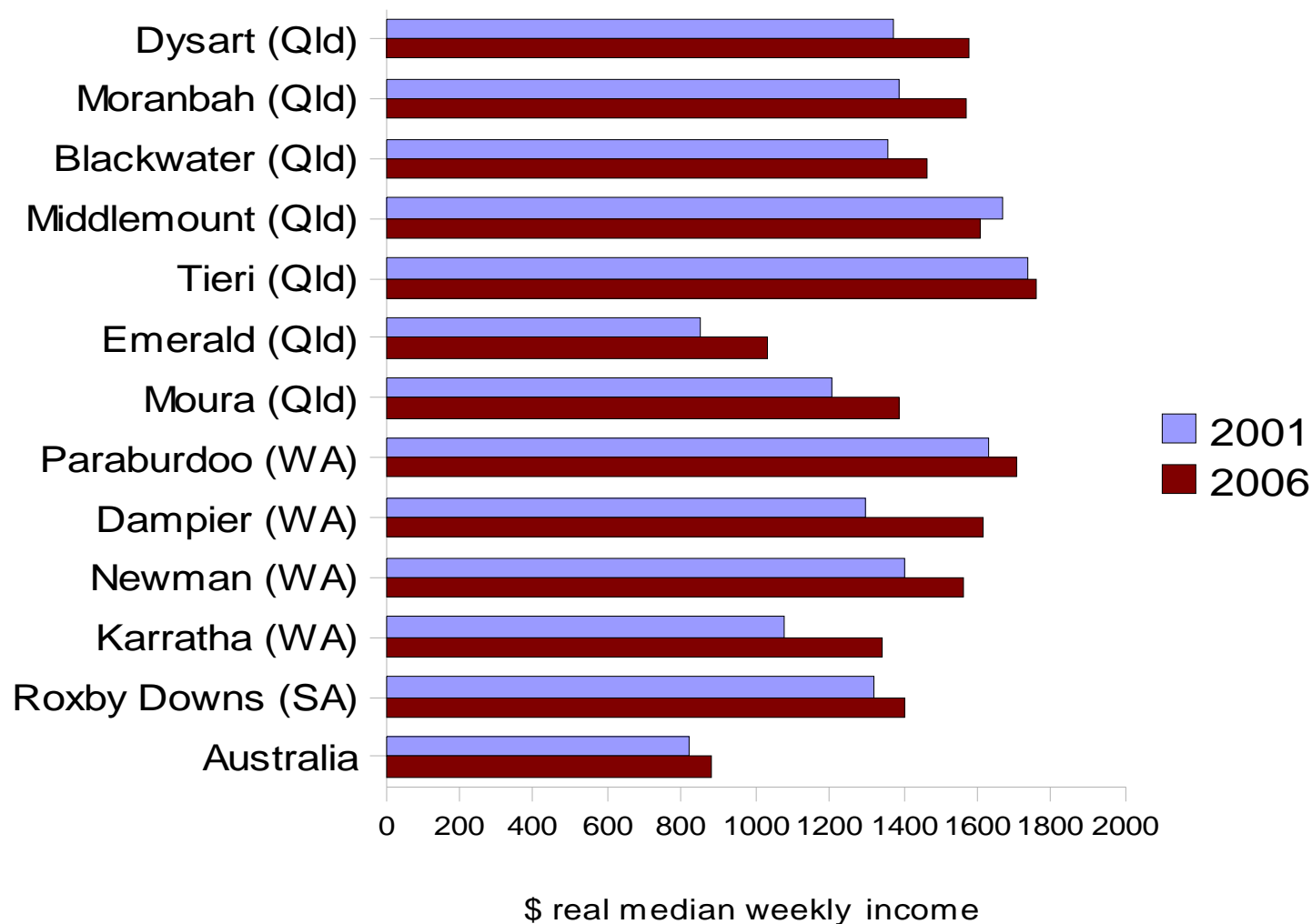
Source: 2001 and 2006 ABS Censuses of Population and Housing; Australian Demographic Statistics

# Male:female ratios in boom towns



Source: 2001 and 2006 ABS Censuses of Population and Housing

# Income of full-time workers in boom towns



Source: 2001 and 2006 ABS Censuses of Population and Housing; *Consumer Price Index, Australia*

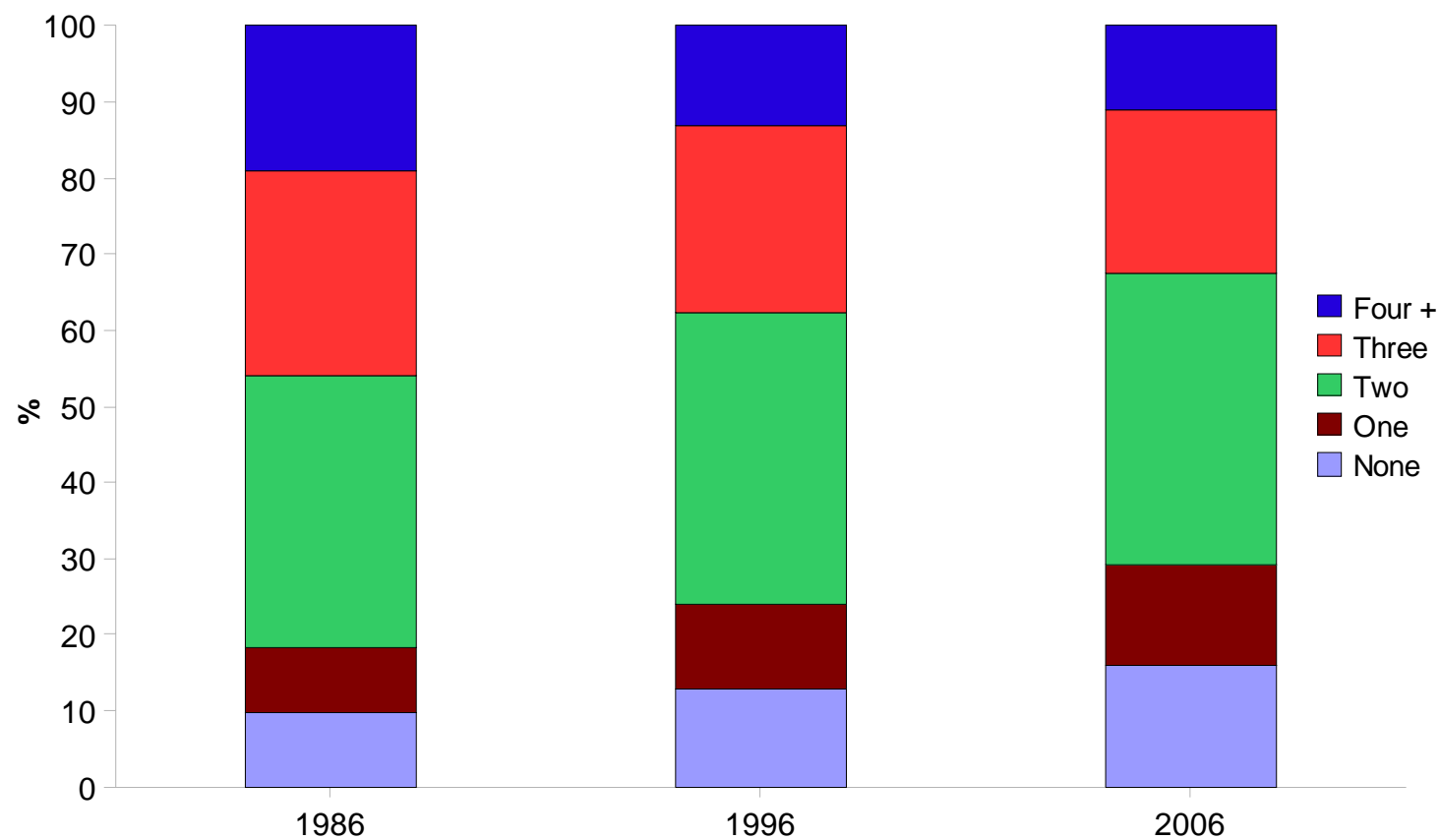
# How many children have women in Australia had?



Source: 1986, 1996 and 2006 Censuses of Population and Housing

# Completed fertility

Women 40-44 years



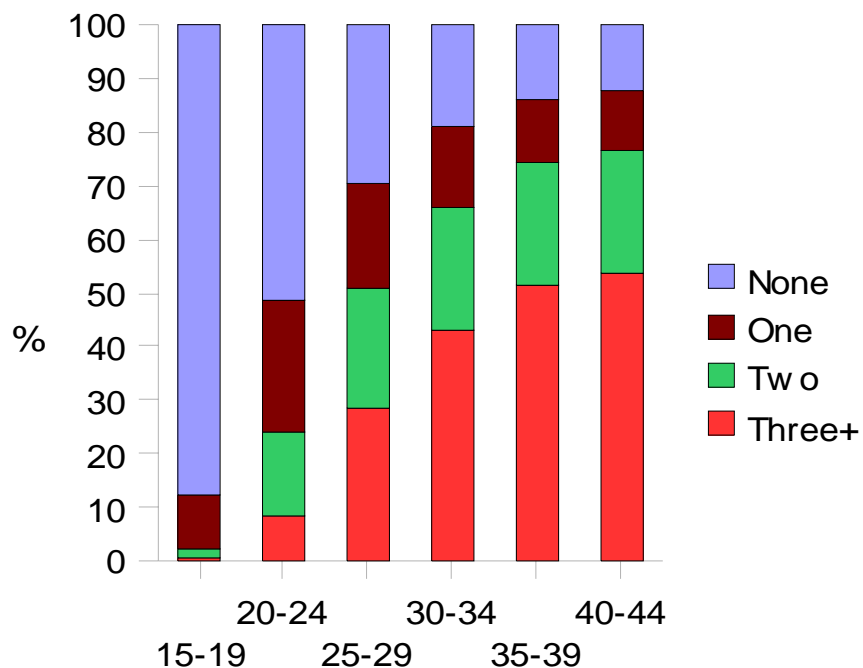
Source: 1986, 1996 and 2006 Censuses of Population and Housing

## Children ever born to Indigenous women 2006

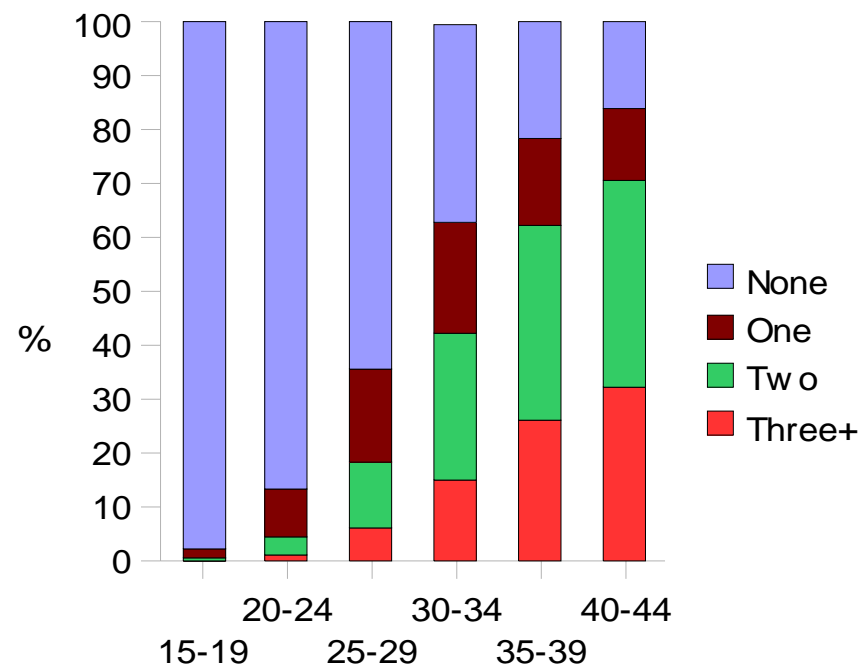
- **14,300** Indigenous women aged 40–44 years in 2006...
- Average number of children ever born among these women was **2.8**
- Higher than among non-Indigenous women, at **2.0**

# Children ever born by mother's age 2006

## Indigenous women



## Non-Indigenous women



Source: 2006 Census of Population and Housing

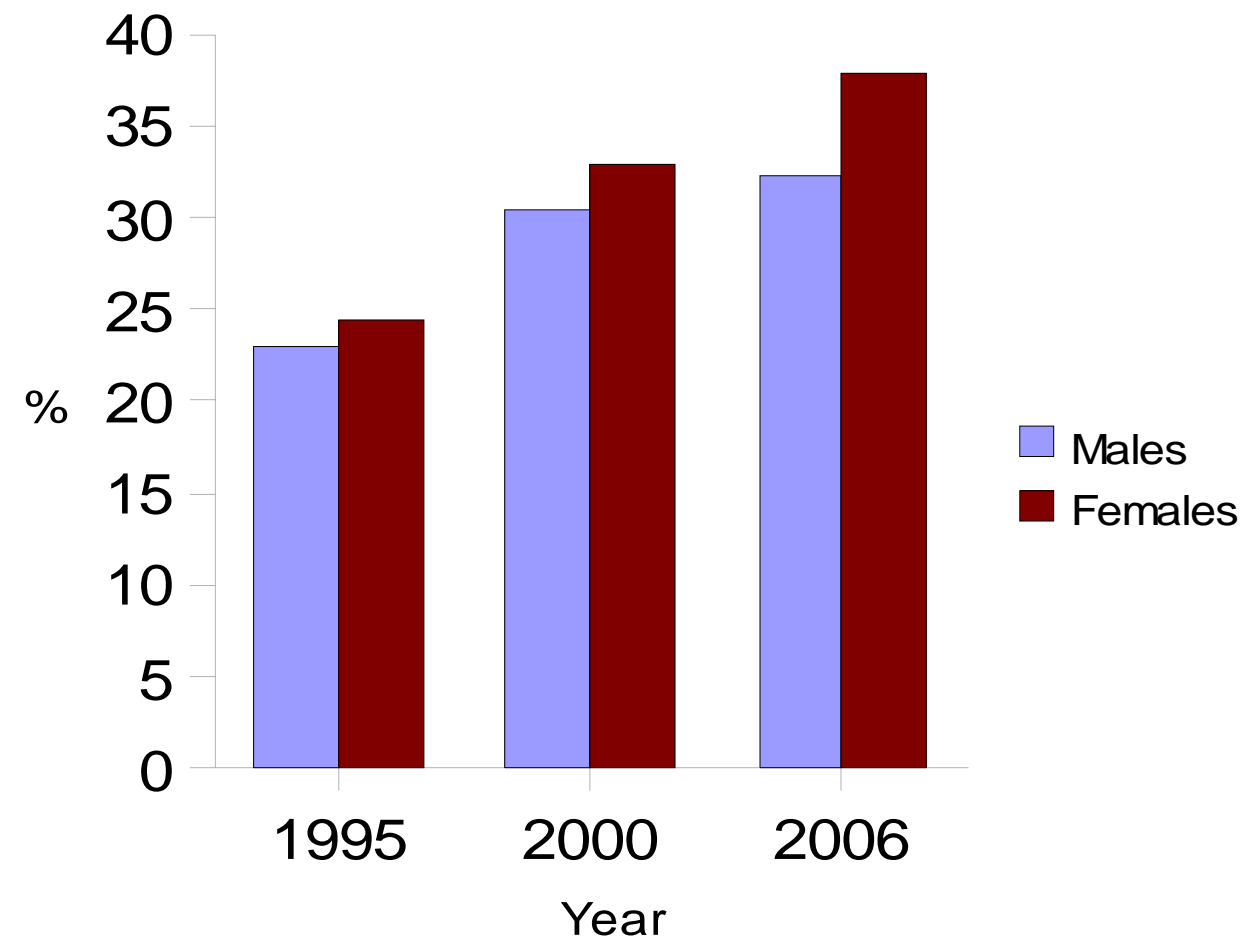


# Family and Community

- Voluntary work
  - ...increase in voluntary work
  - ...who is volunteering regularly?
  - ...what type of volunteering are they doing?

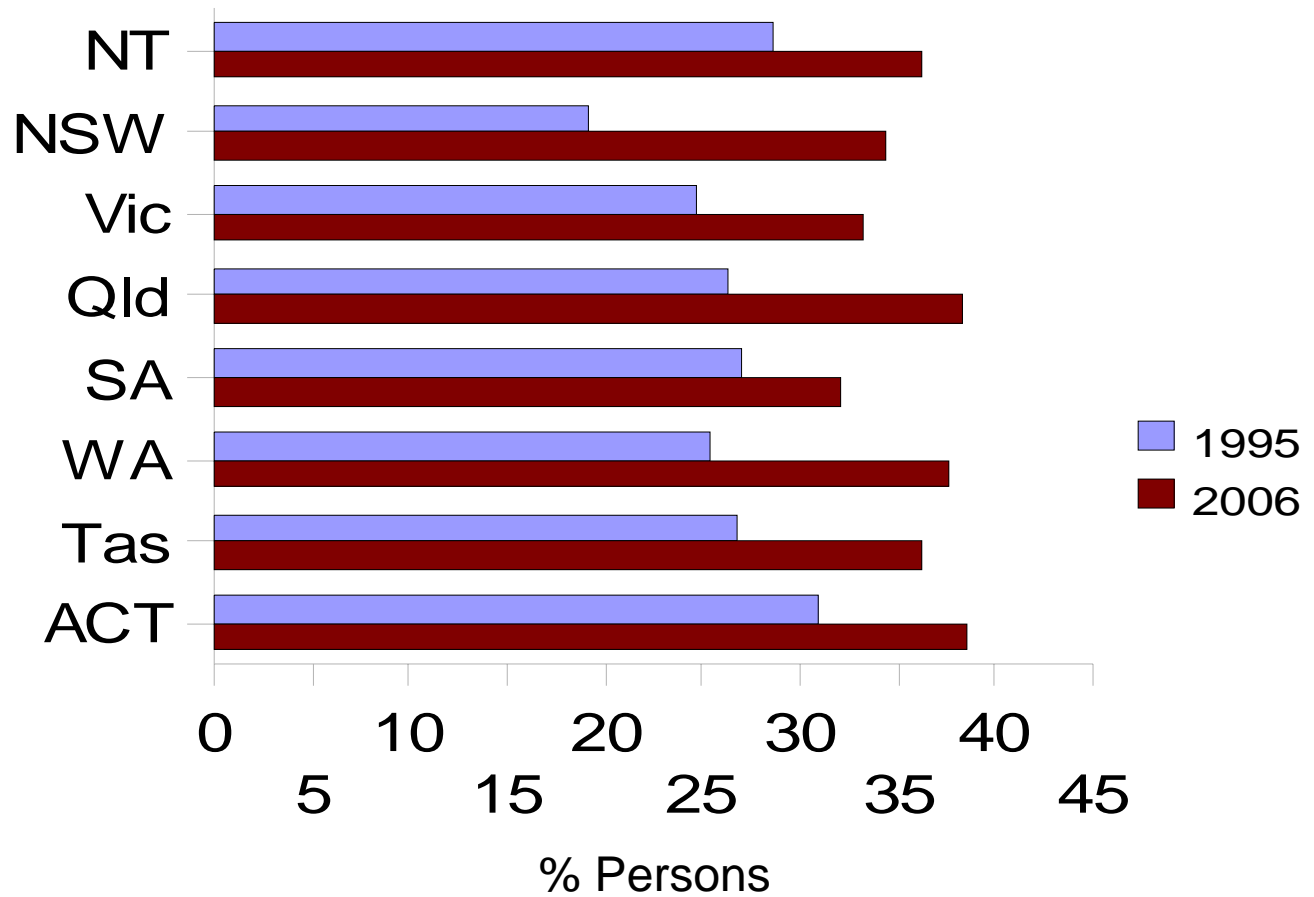


# Volunteering rates



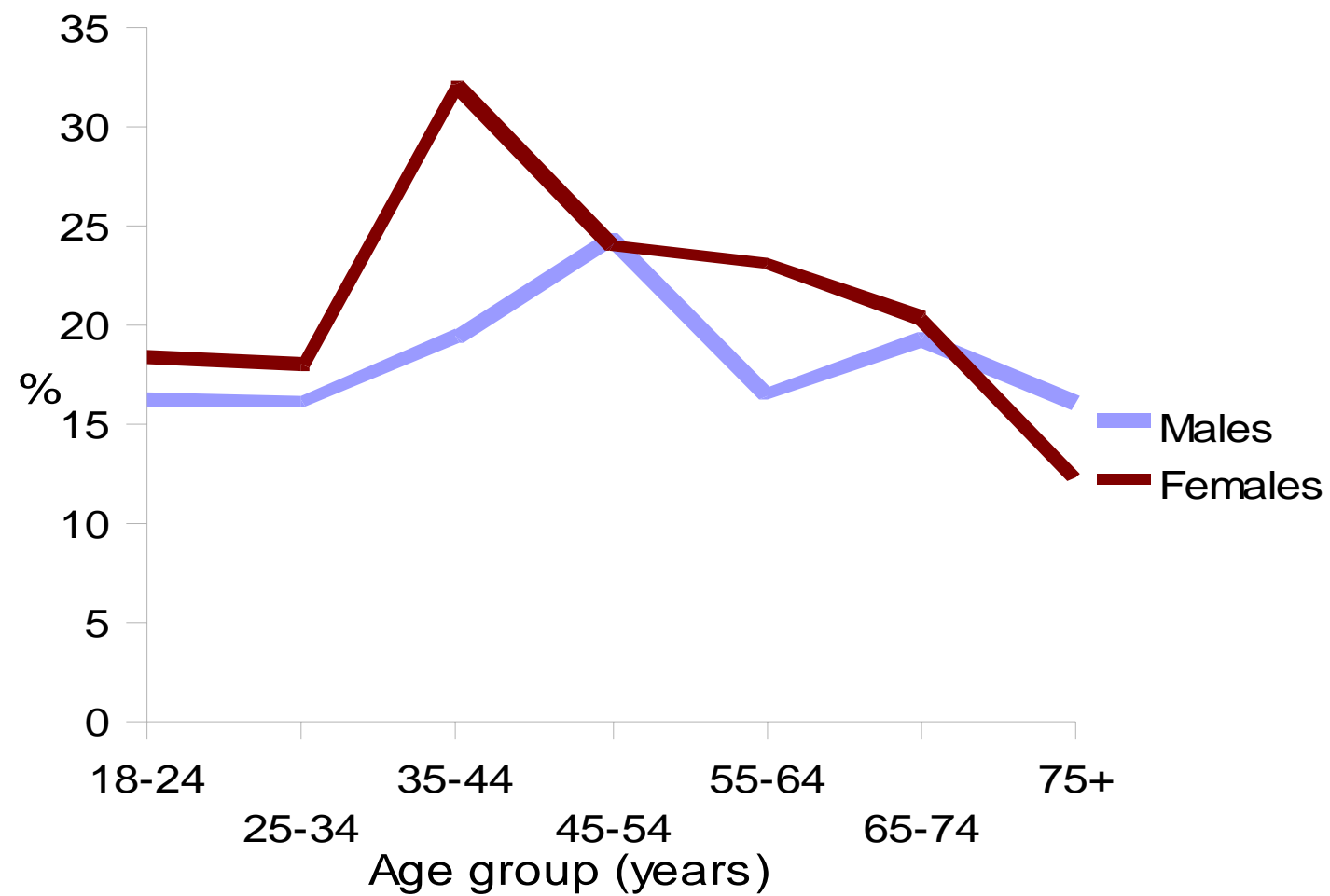
Source: ABS 2006 Voluntary Work Survey

# Volunteering rates: States and Territories



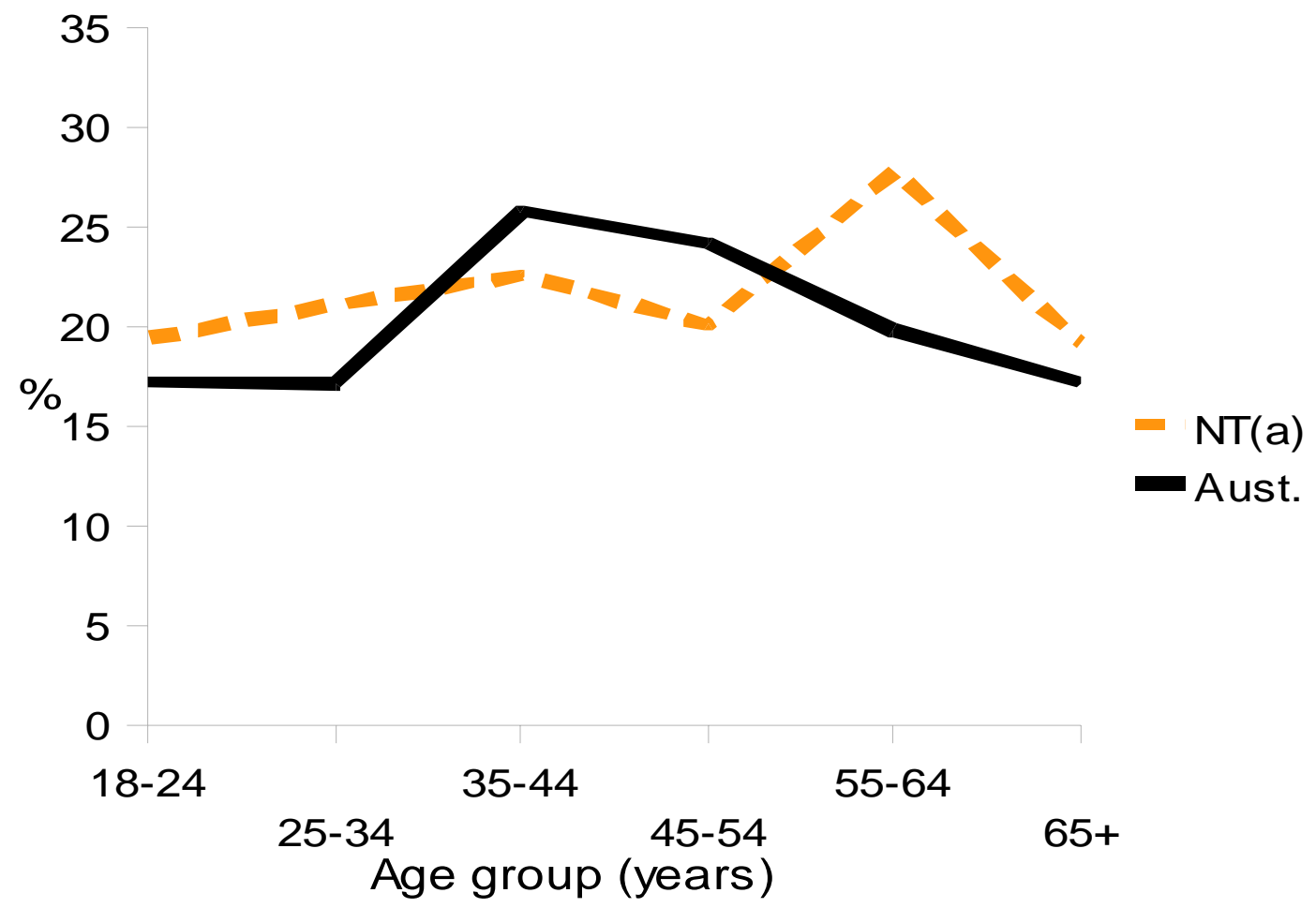
Source: ABS 2006 Voluntary Work Survey

# Regular volunteering by age and sex 2006



Source: ABS 2006 Voluntary Work Survey

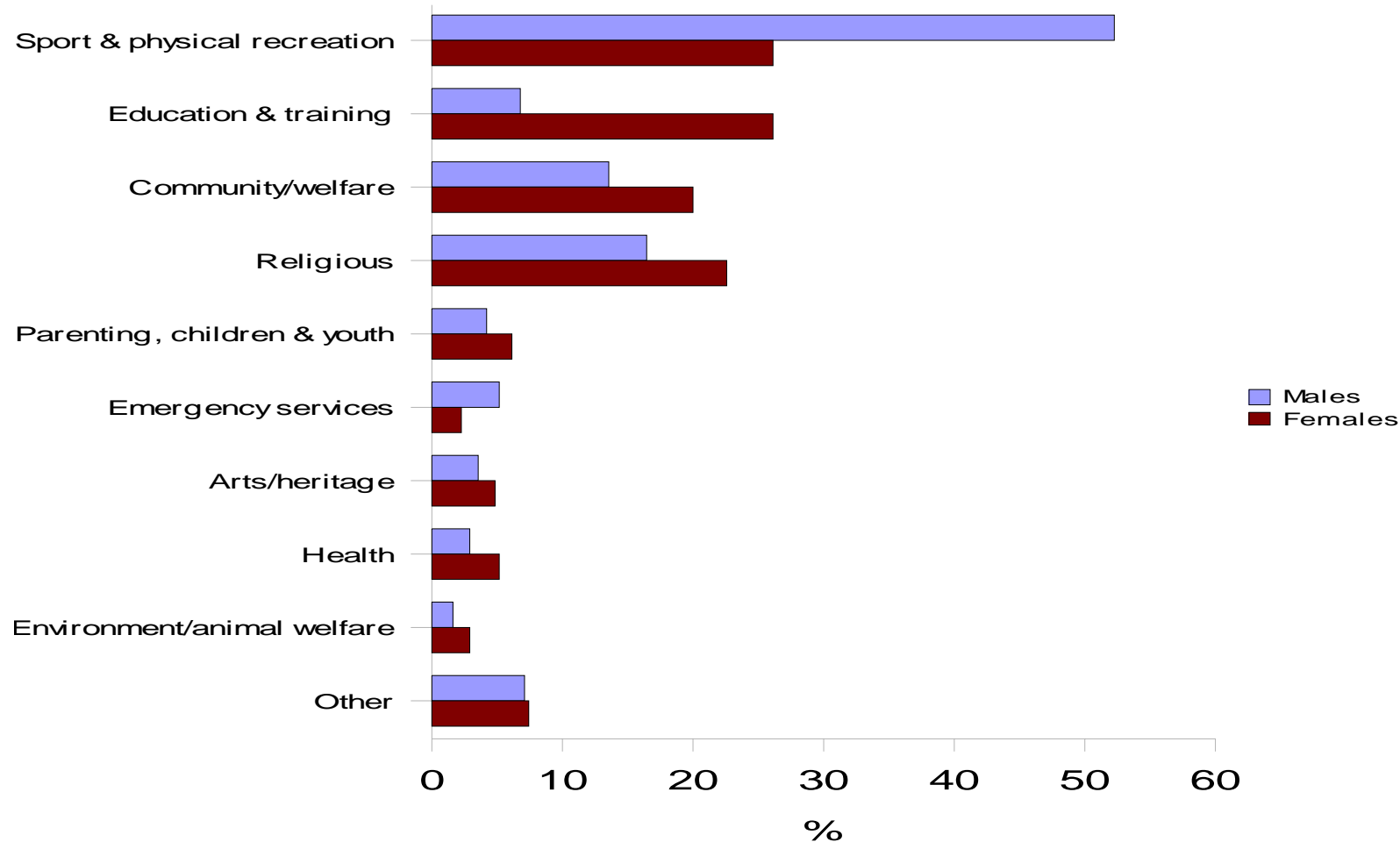
# Regular volunteering by age 2006



(a) Mainly urban areas only

Source: ABS 2006 Voluntary Work Survey

# Regular volunteers by type of organisation 2006



Source: ABS 2006 Voluntary Work Survey

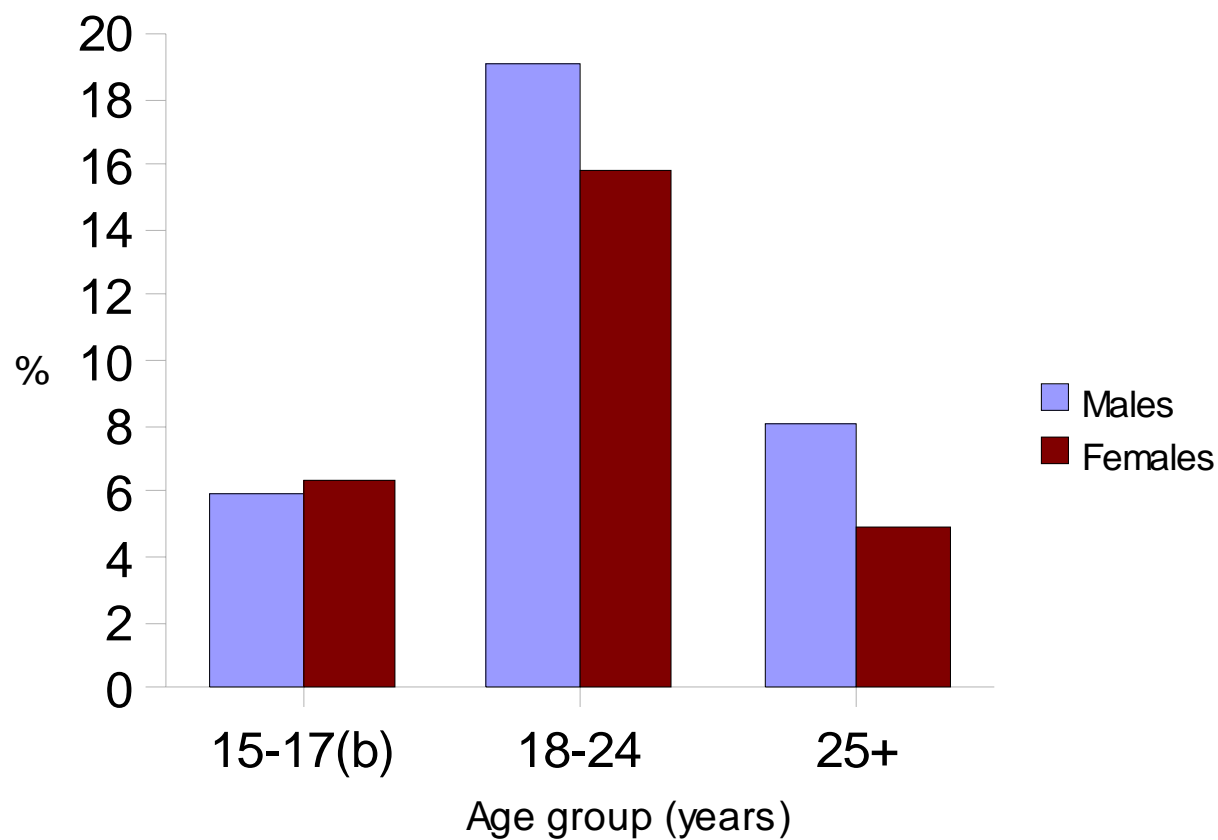
# Health

- Risk taking by young people
  - ...alcohol, drugs & dangerous driving
  - ...hospitalisation & death
- Complementary therapies
  - ...have become more common
  - ...who are they & who is seeing them?



# Risk taking by young people

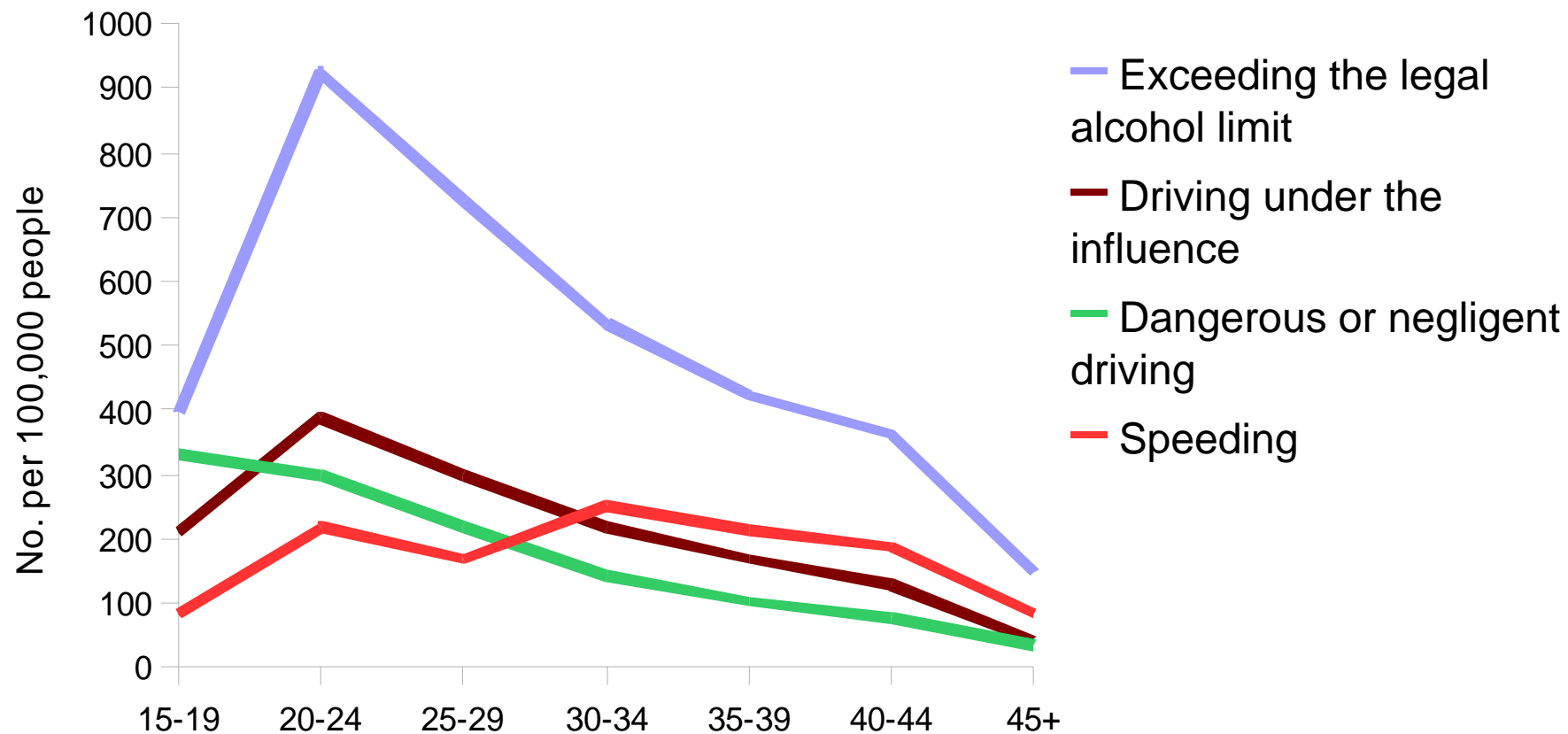
Short term risky/high risk drinking at least once a week — 2007



Source: AIHW 2007 National Drug Strategy Household Survey

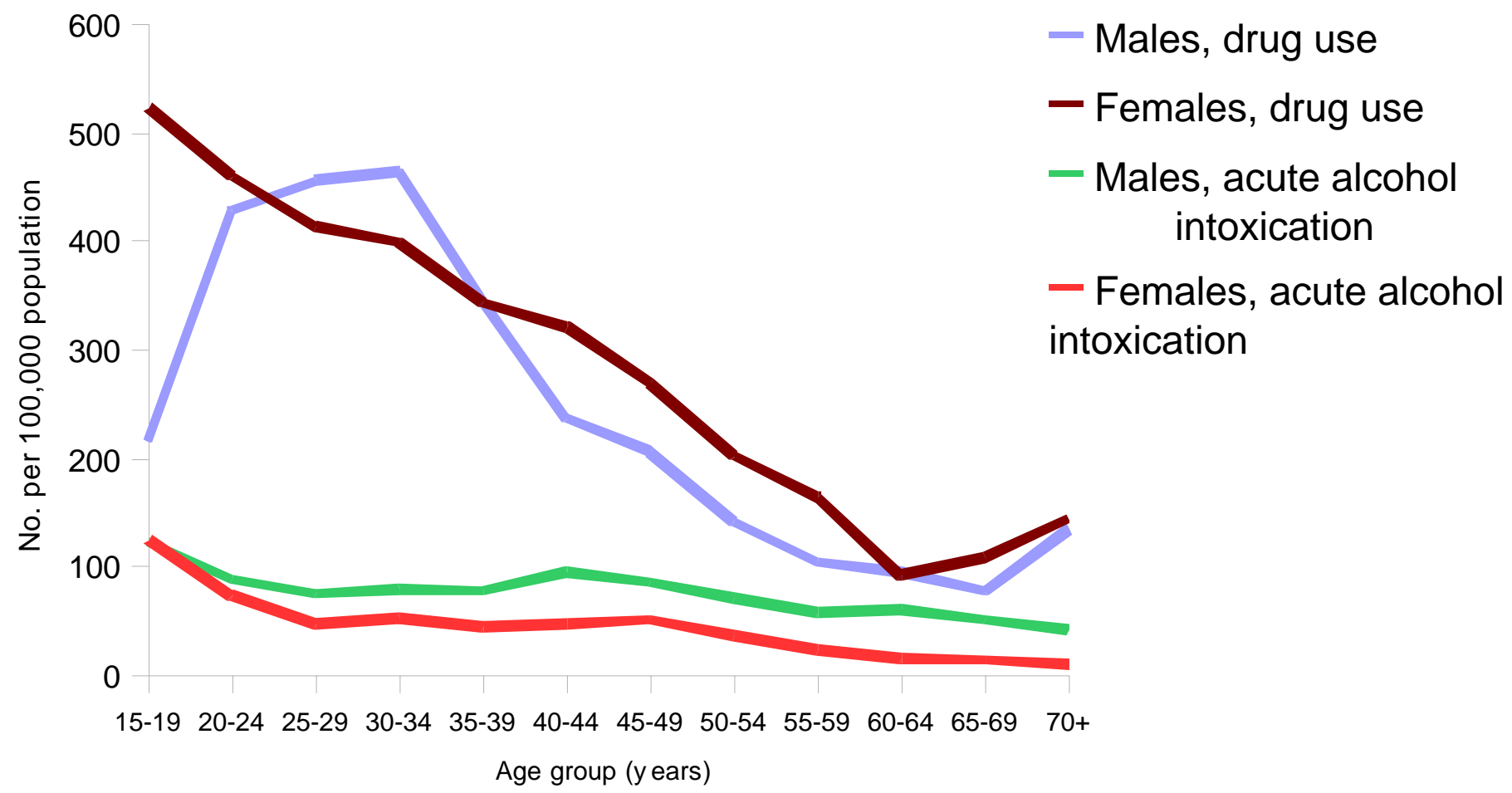


# Dangerous driving related offences 2006–07



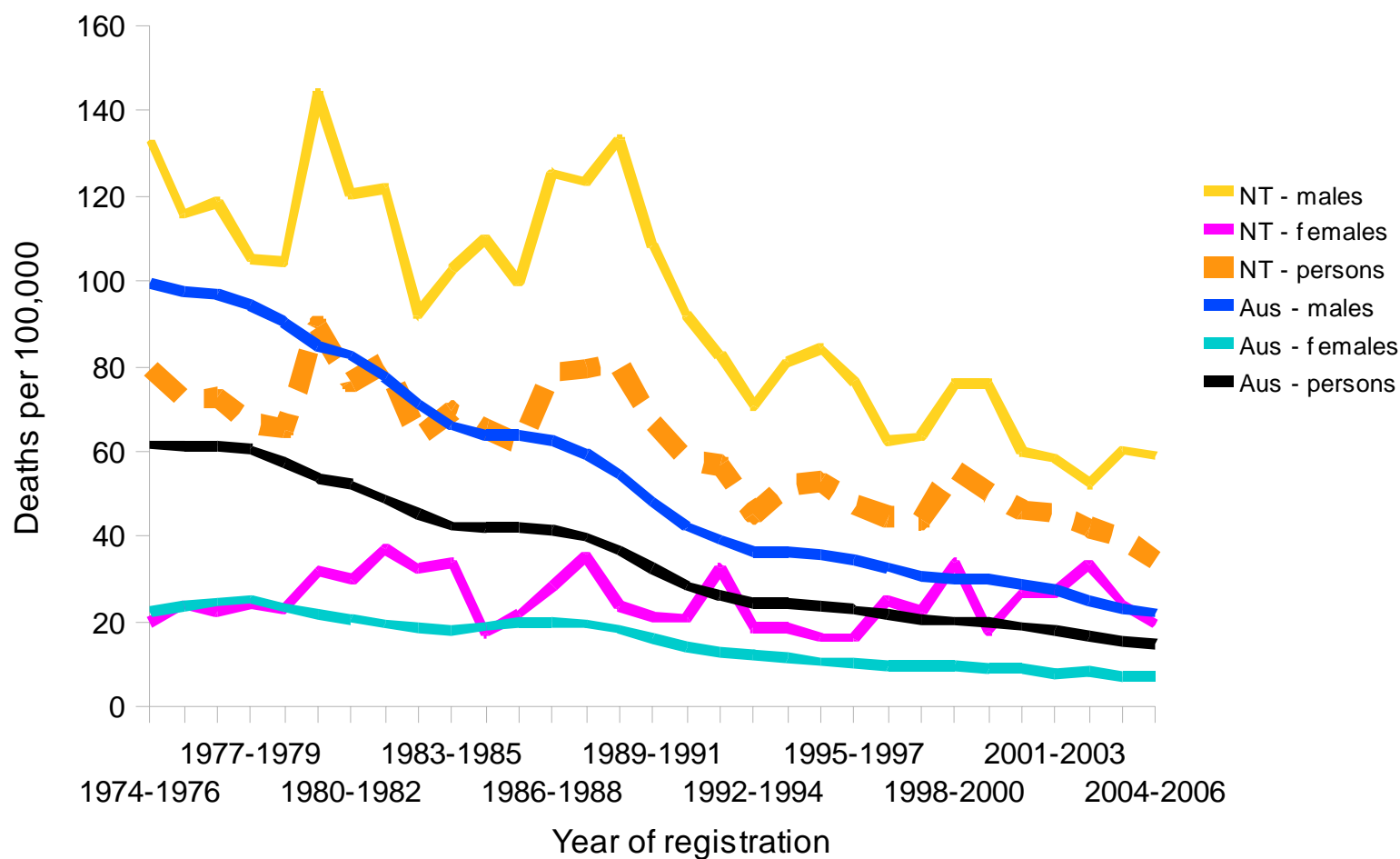
Source: ABS Criminal Courts Collection

# Alcohol and drug-related hospitalisation of young people 2005–06



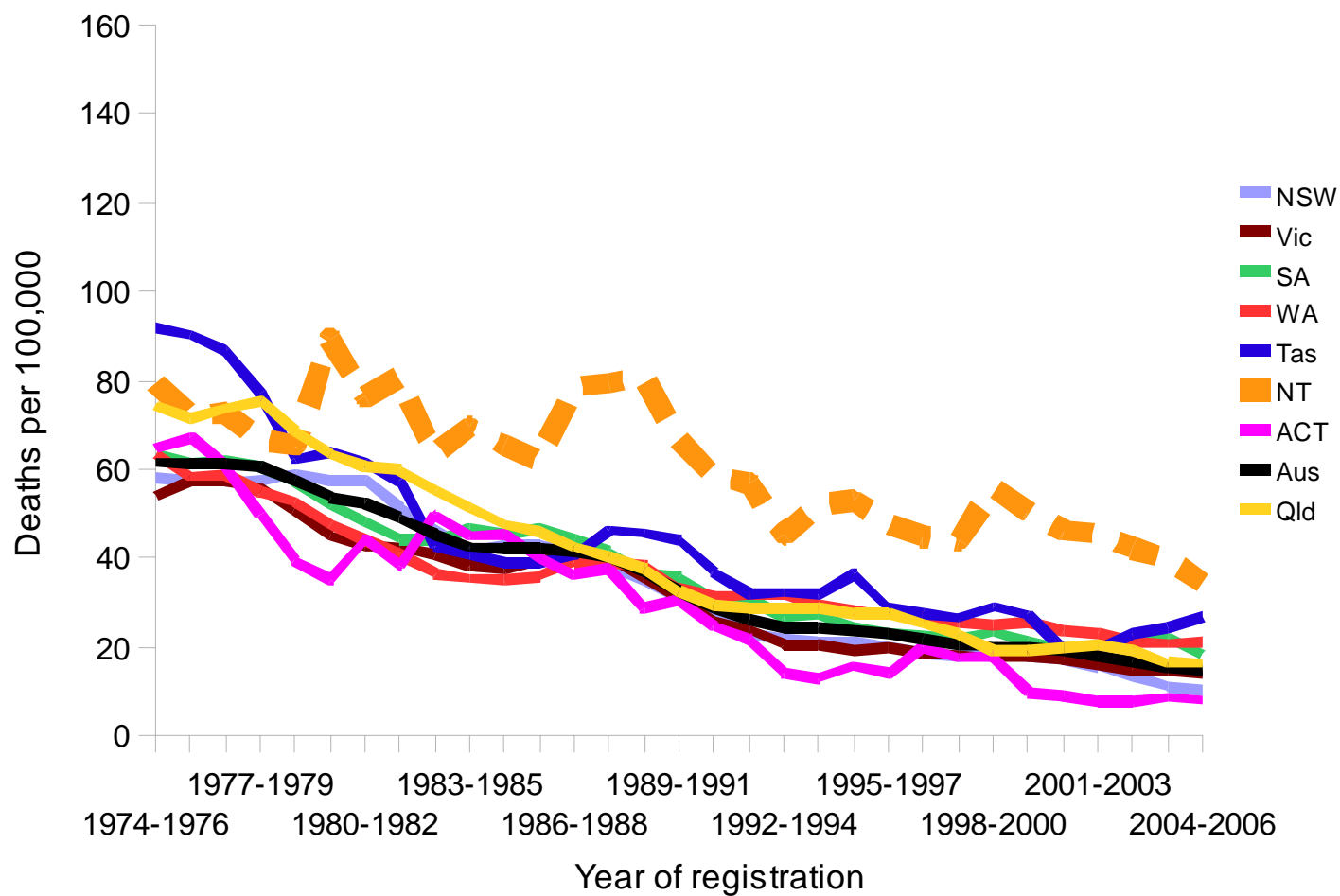
Source: AIHW Hospital Morbidity Database

# Transport accident deaths (15-24 years)

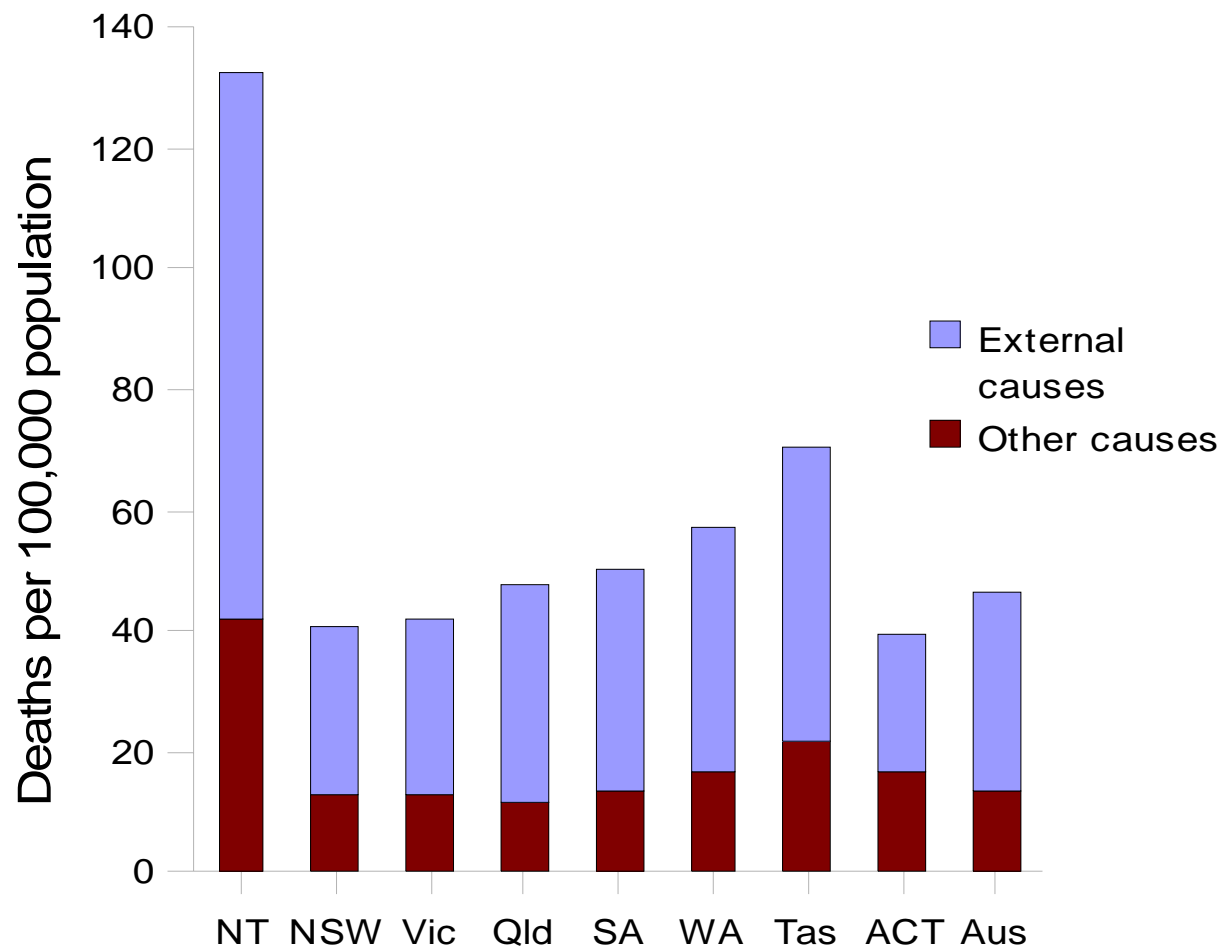


Source: ABS Causes of Death collection

# Transport accident deaths (15-24 years)

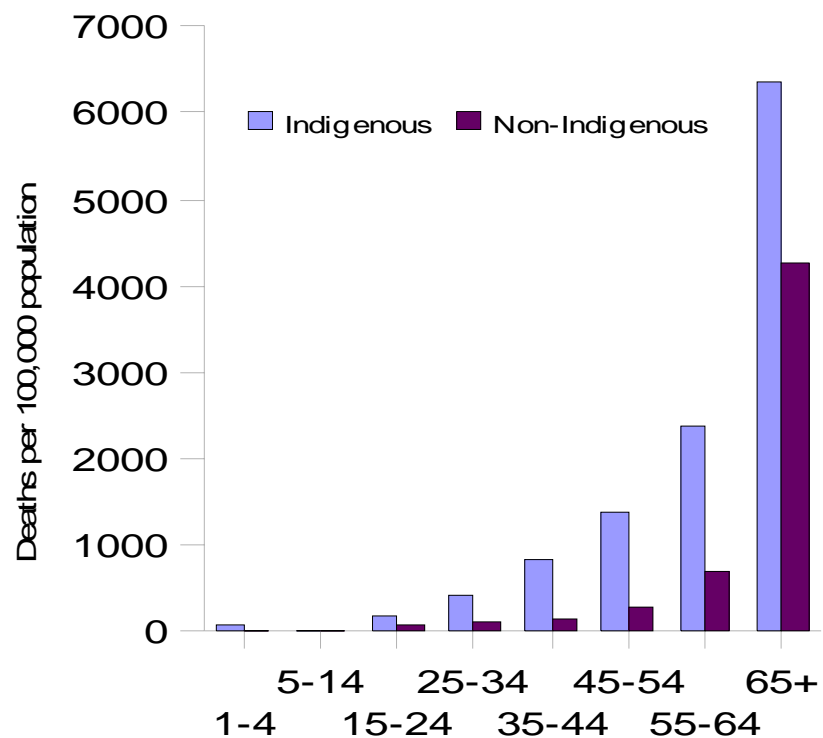


# External causes deaths among young people aged 15-24 years 2004-2006

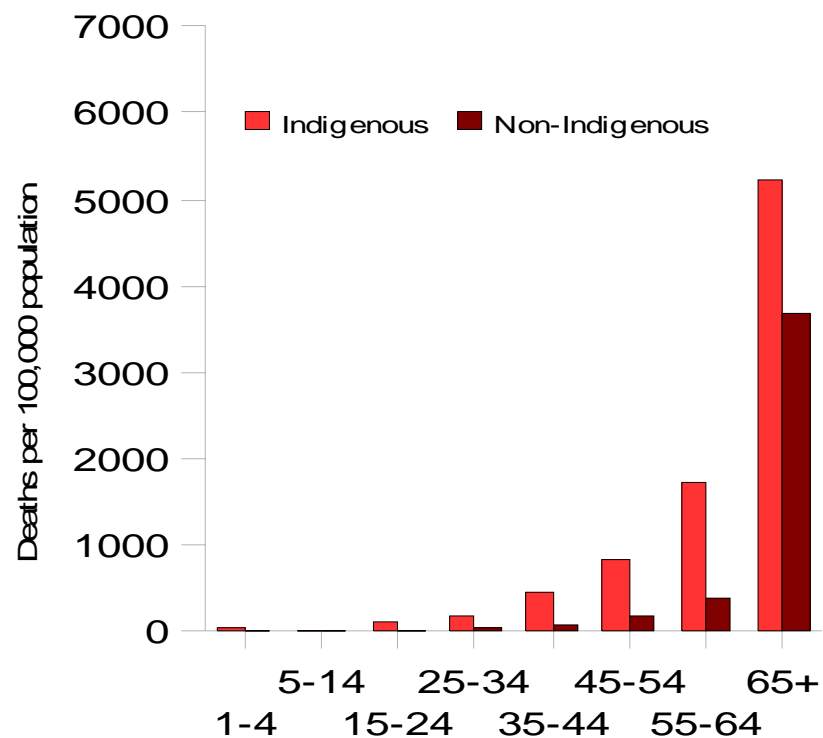


# Age-specific death rates(a) 2002-2006

Males



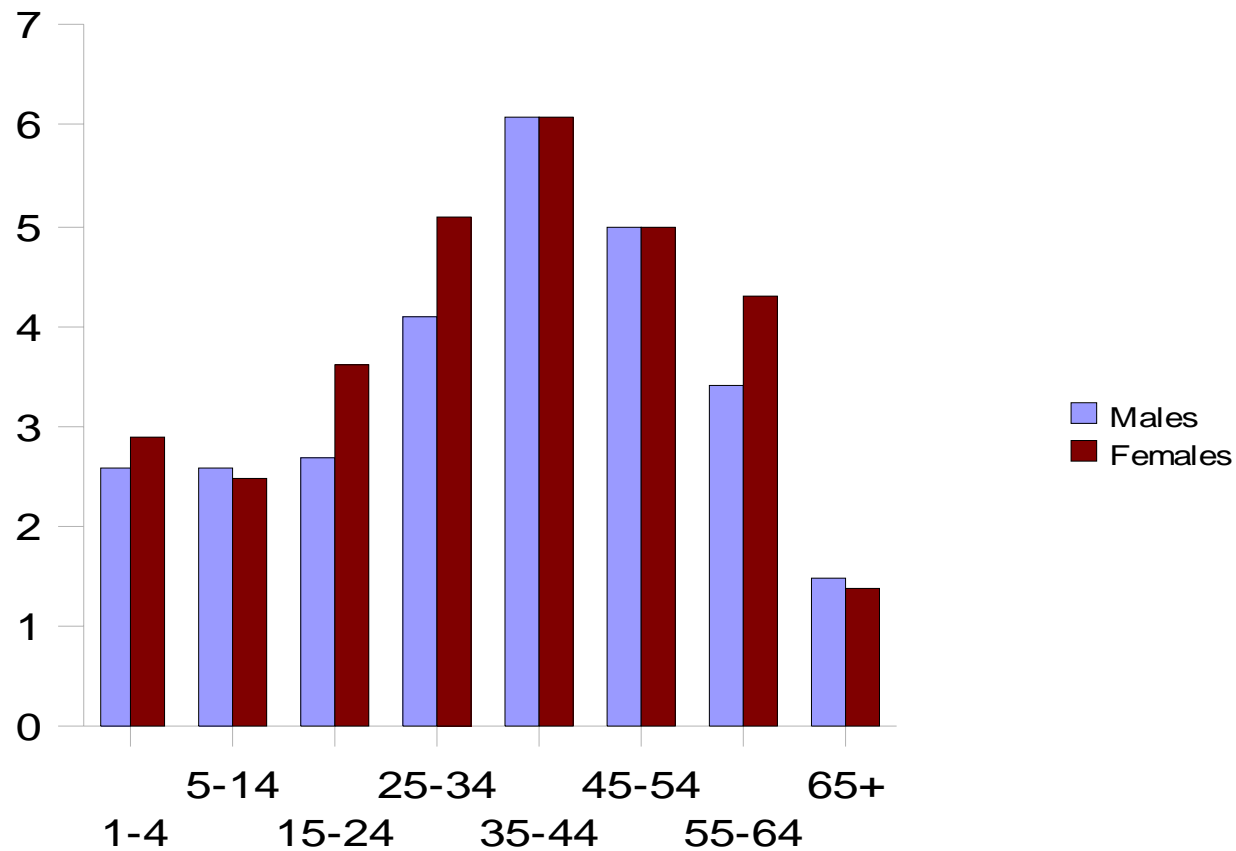
Females



Source: *Deaths, Australia 2006*

(a) Data for Qld, SA, WA and NT combined

# Indigenous : non-Indigenous death rate ratios(a) 2002-2006



Source: *Deaths, Australia 2006*

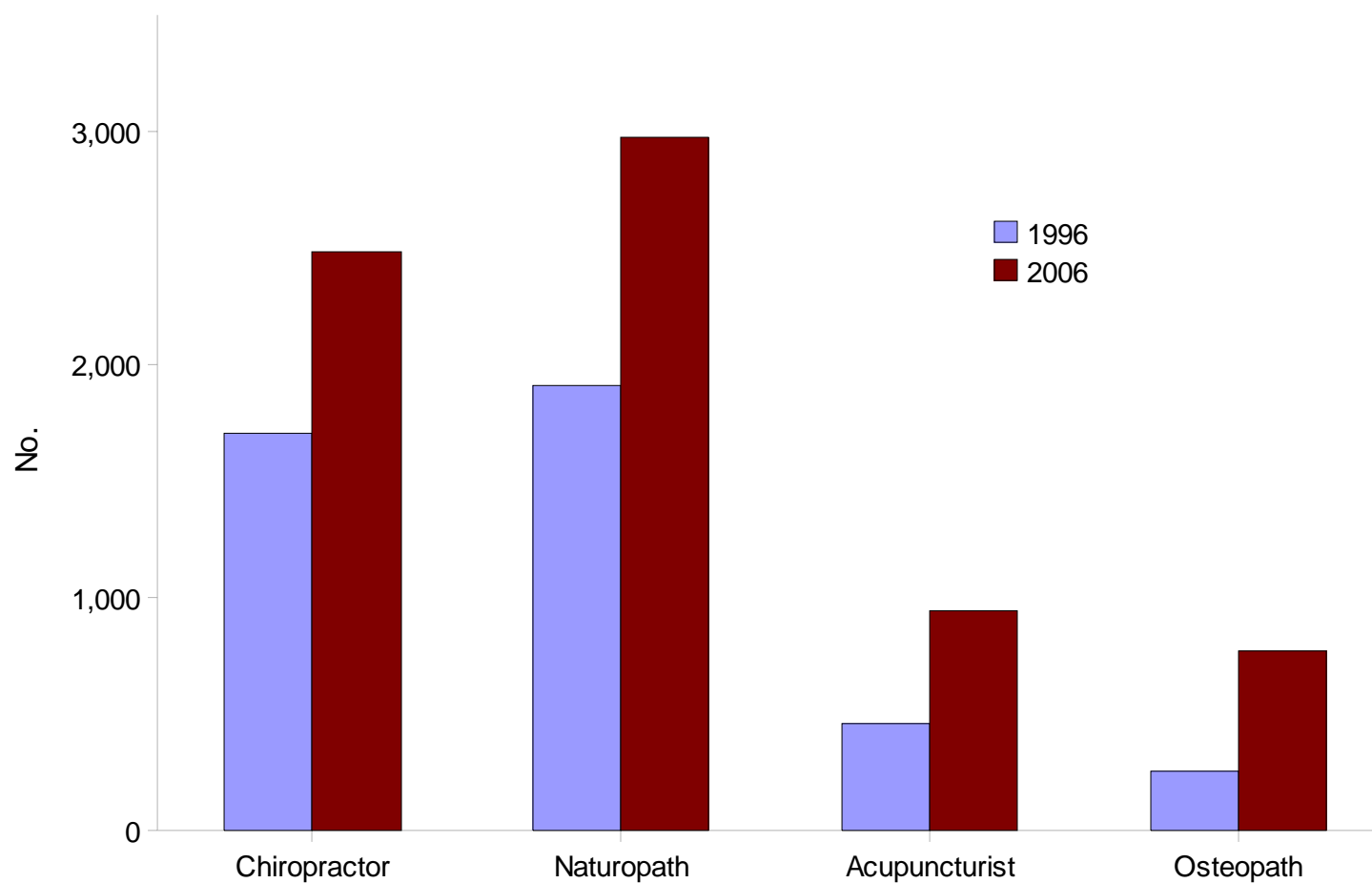
(a) Data for Qld, SA, WA and NT combined

# Complementary therapies

- Number of complementary therapists is small but growing quickly, from **4,787** in 1996 to **8,595** in 2006.
- Fastest growing occupation group is osteopaths
- Leading occupation groups are naturopaths and chiropractors

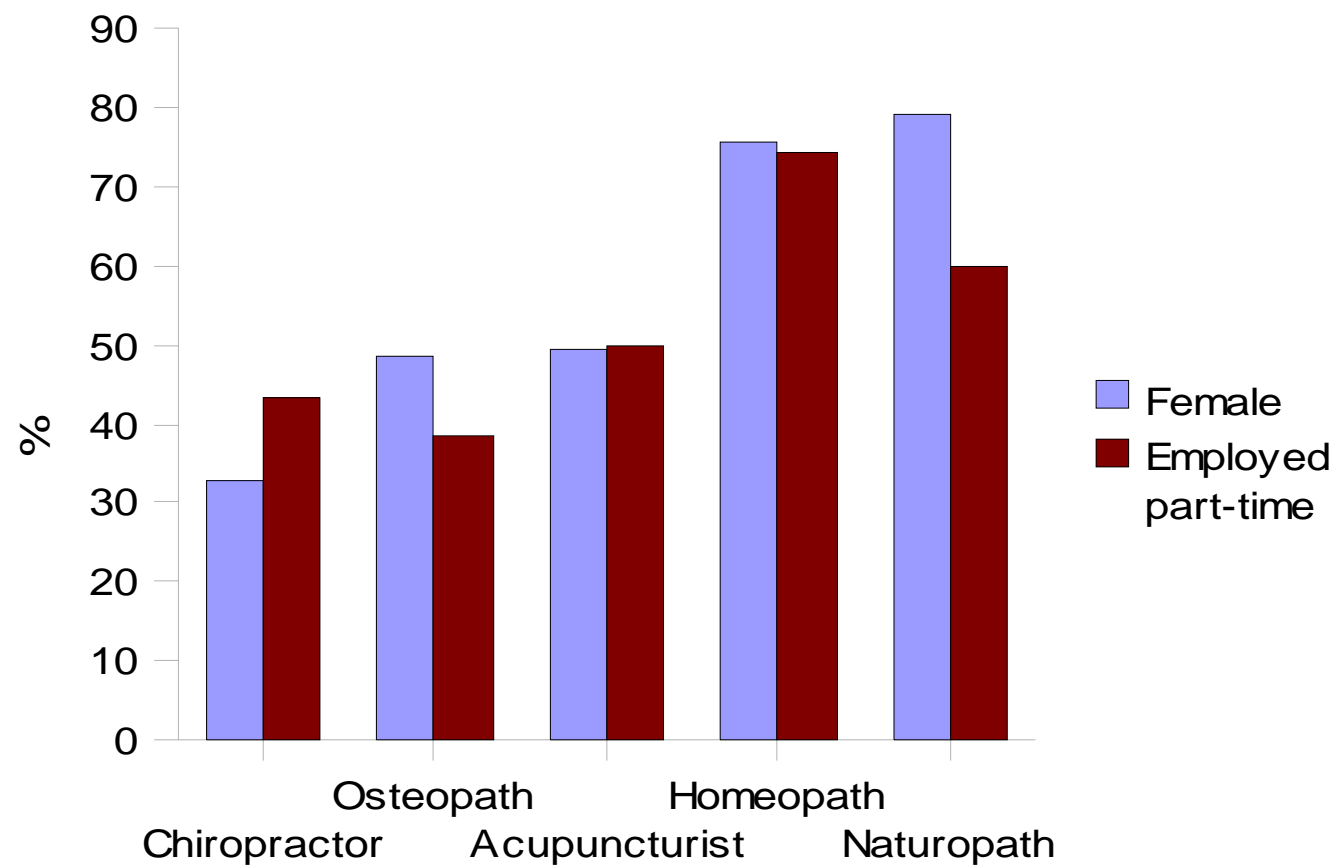


# Complementary therapists



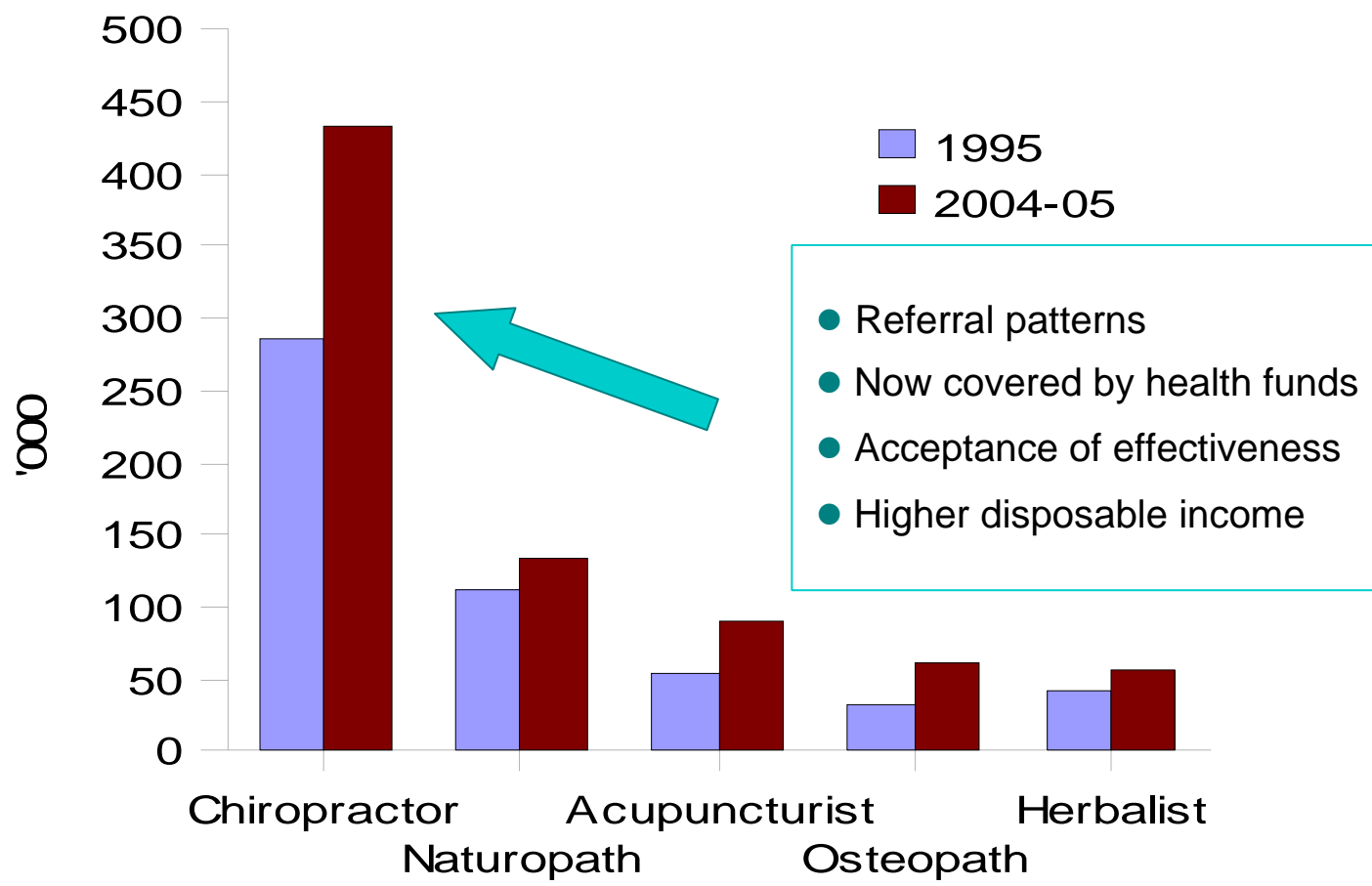
Source: 1996 & 2006 Censuses of Population and Housing

# Characteristics of therapists 2006



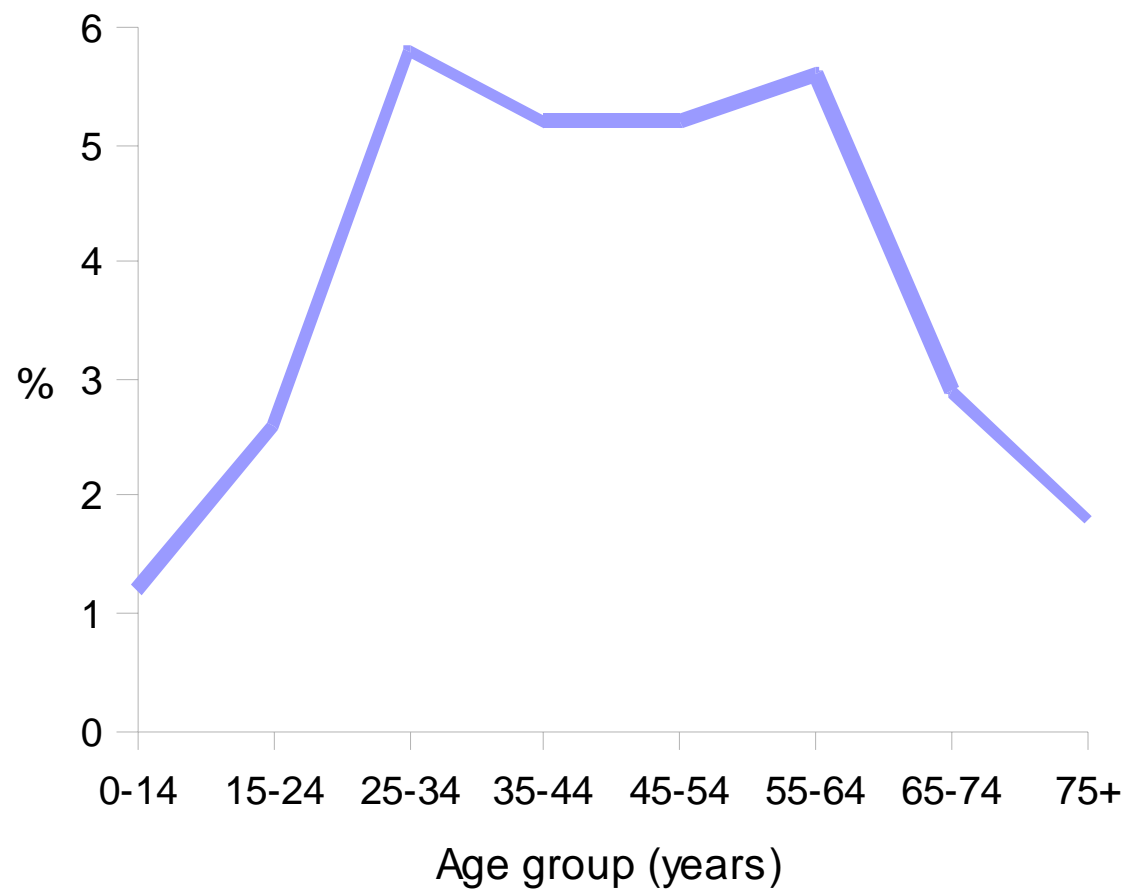
Source: ABS 2006 Census of Population and Housing

# Visits to therapists (last two weeks)



Source: ABS 2004-05 National Health Survey

# Age pattern of consultations with complementary therapists 2004–05



Source: ABS 2004–05 National Health Survey

# Education

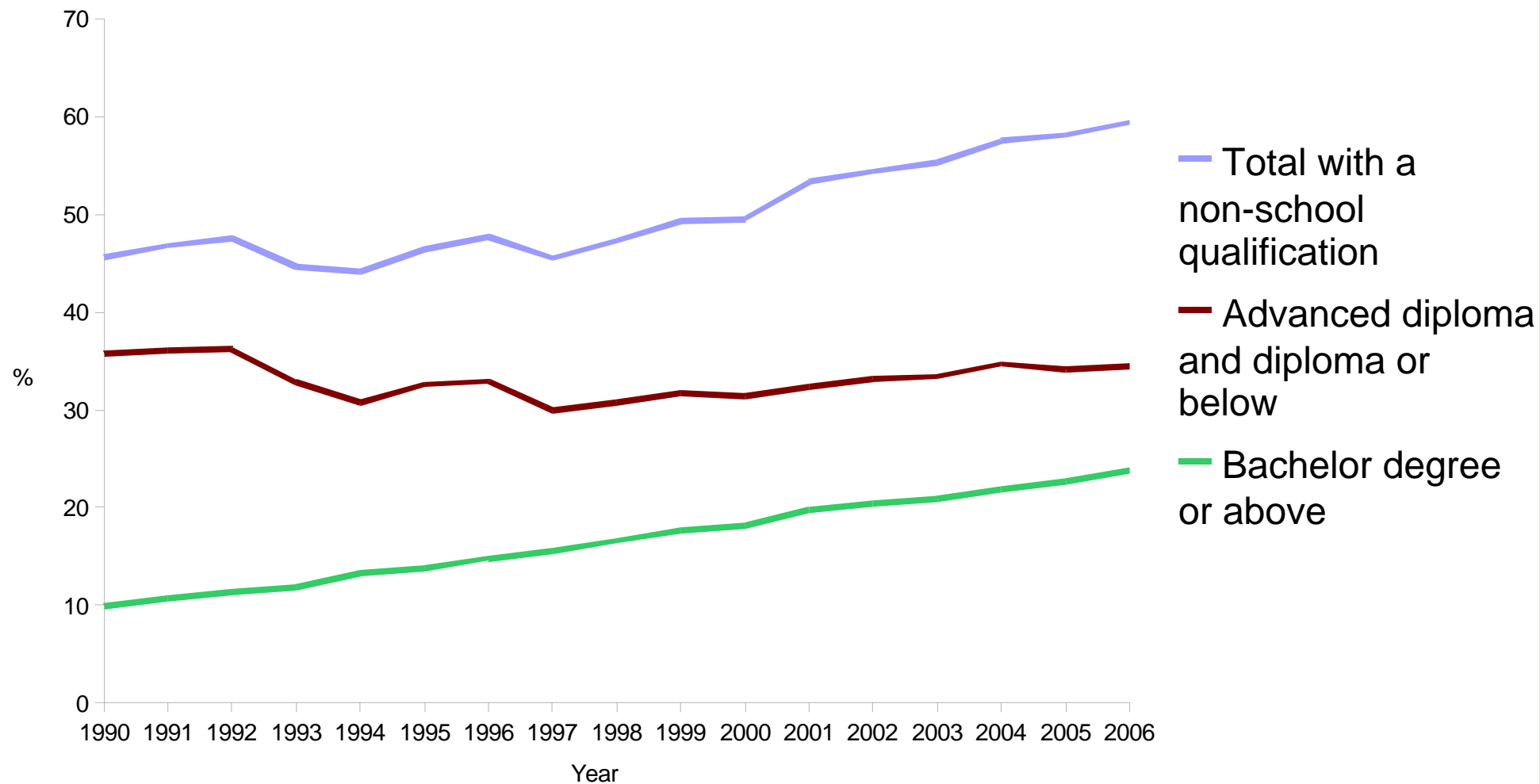
- Education across Australia

...school retention rates

...non-school qualification

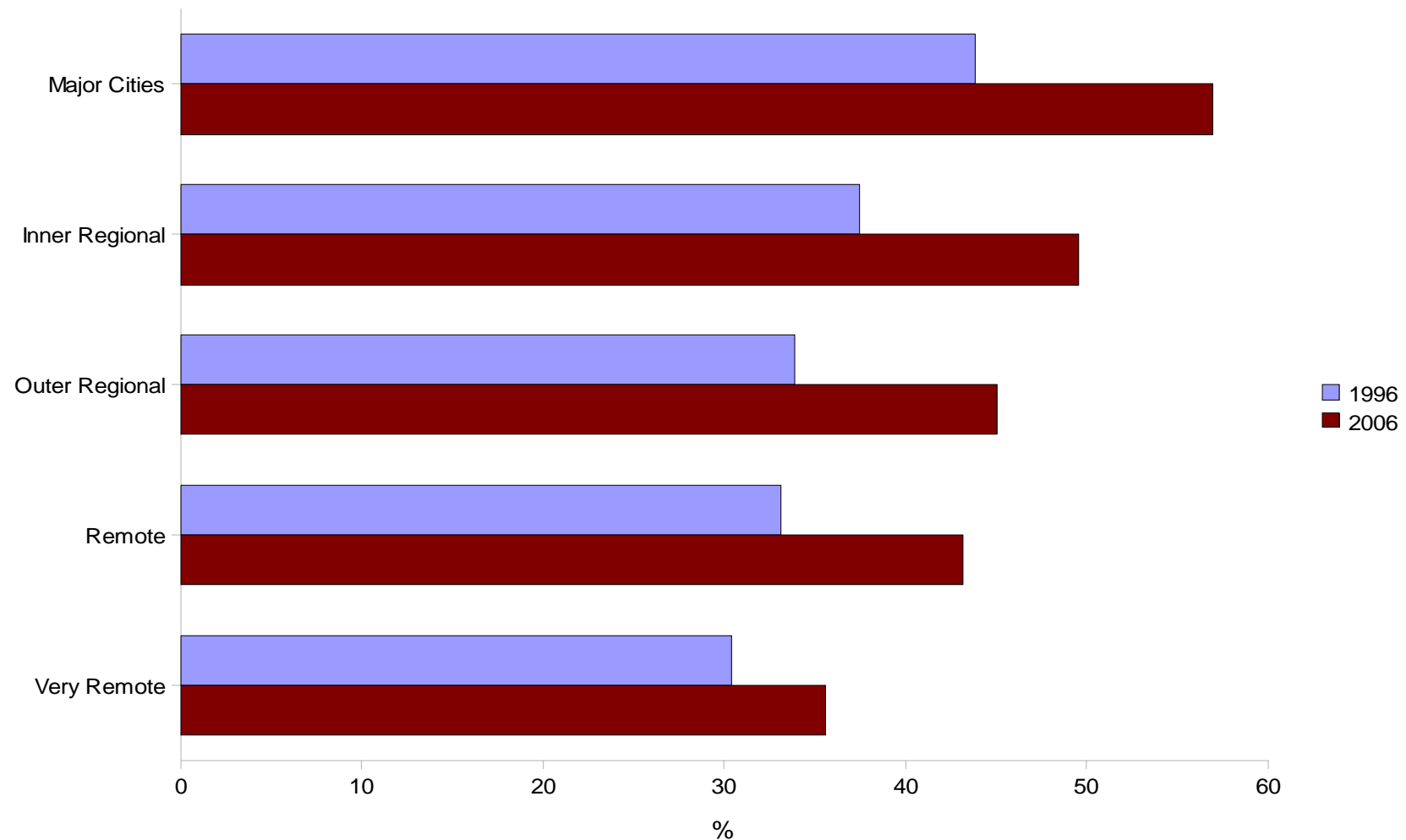


# Proportion of Australians with a non-school qualification (Ages 25-64)



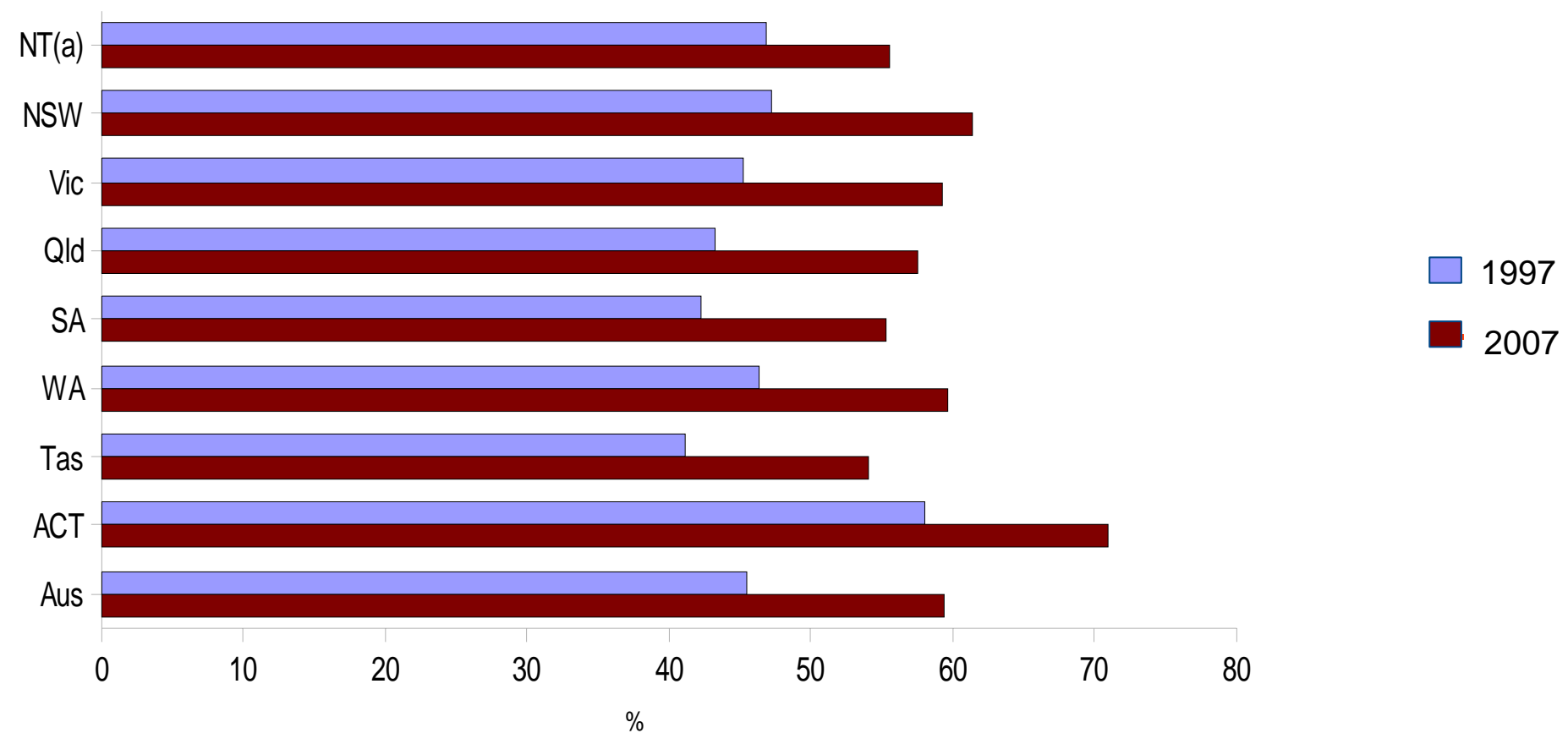
Source: ABS 1990-2006 Survey of Education and Work

# Non-school qualification by Area (Ages 25-64)



Source: ABS 1996 and 2006 Censuses of Population and Housing

# With non-school qualifications: people aged 25–64 years

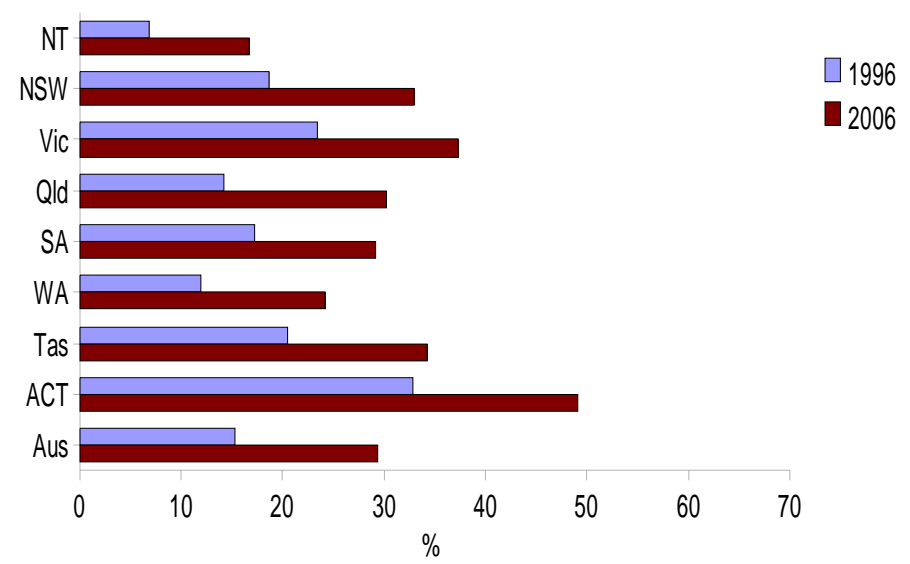


(a) Refers to mainly urban areas only

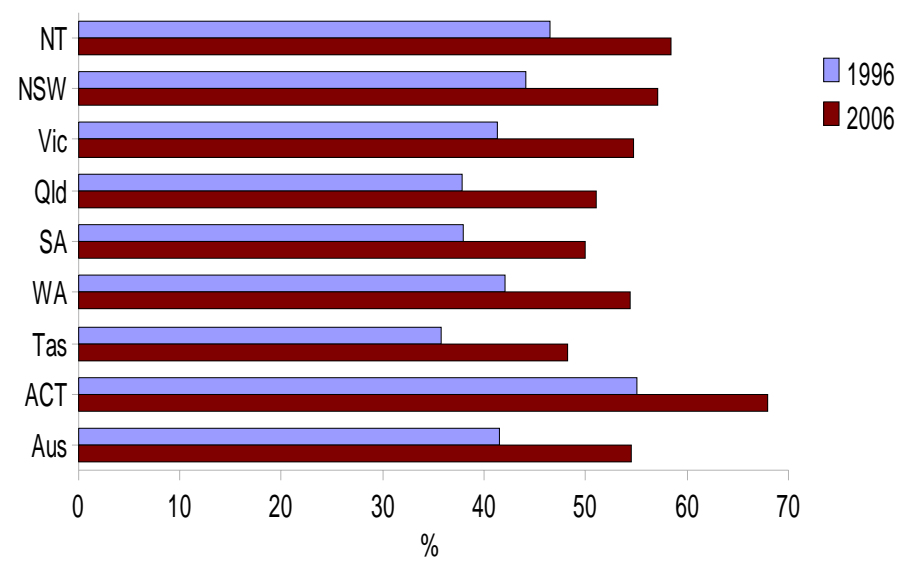


# Persons aged 25–64 years with non-school qualifications

## Indigenous

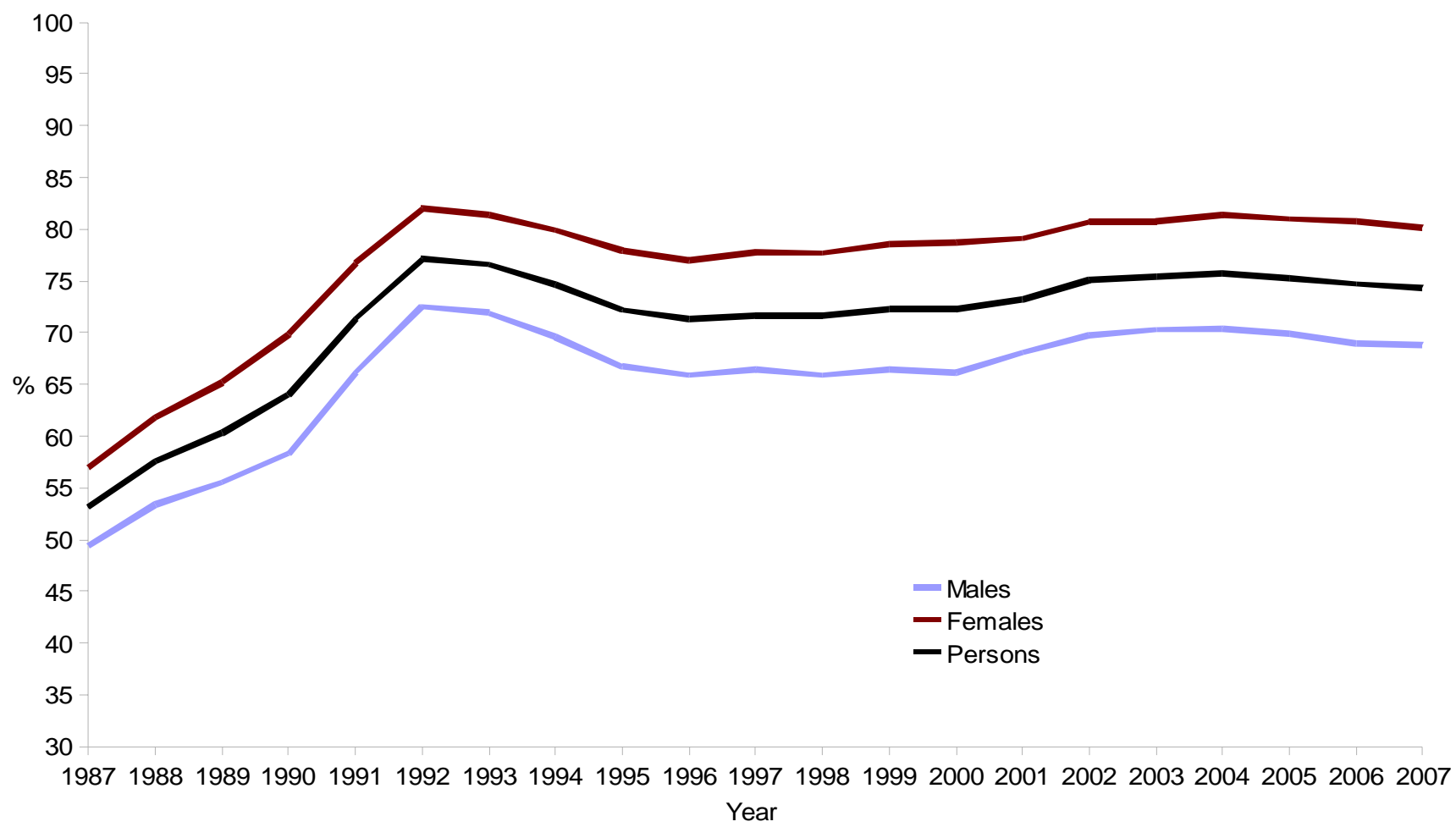


## Non-Indigenous



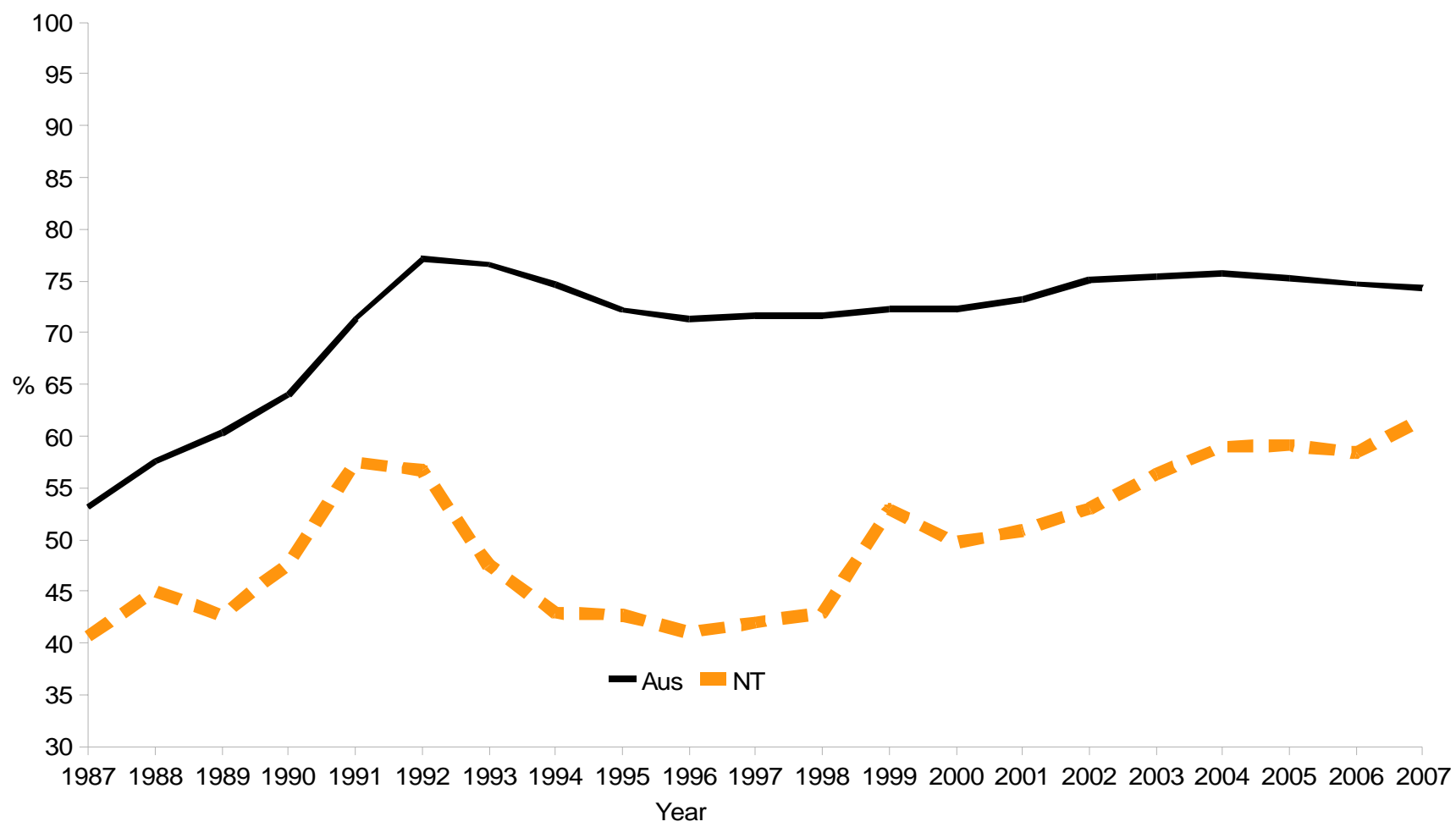
Source: ABS 1996 and 2006 Censuses of Population and Housing

# Year 7/8 to year 12 retention rates



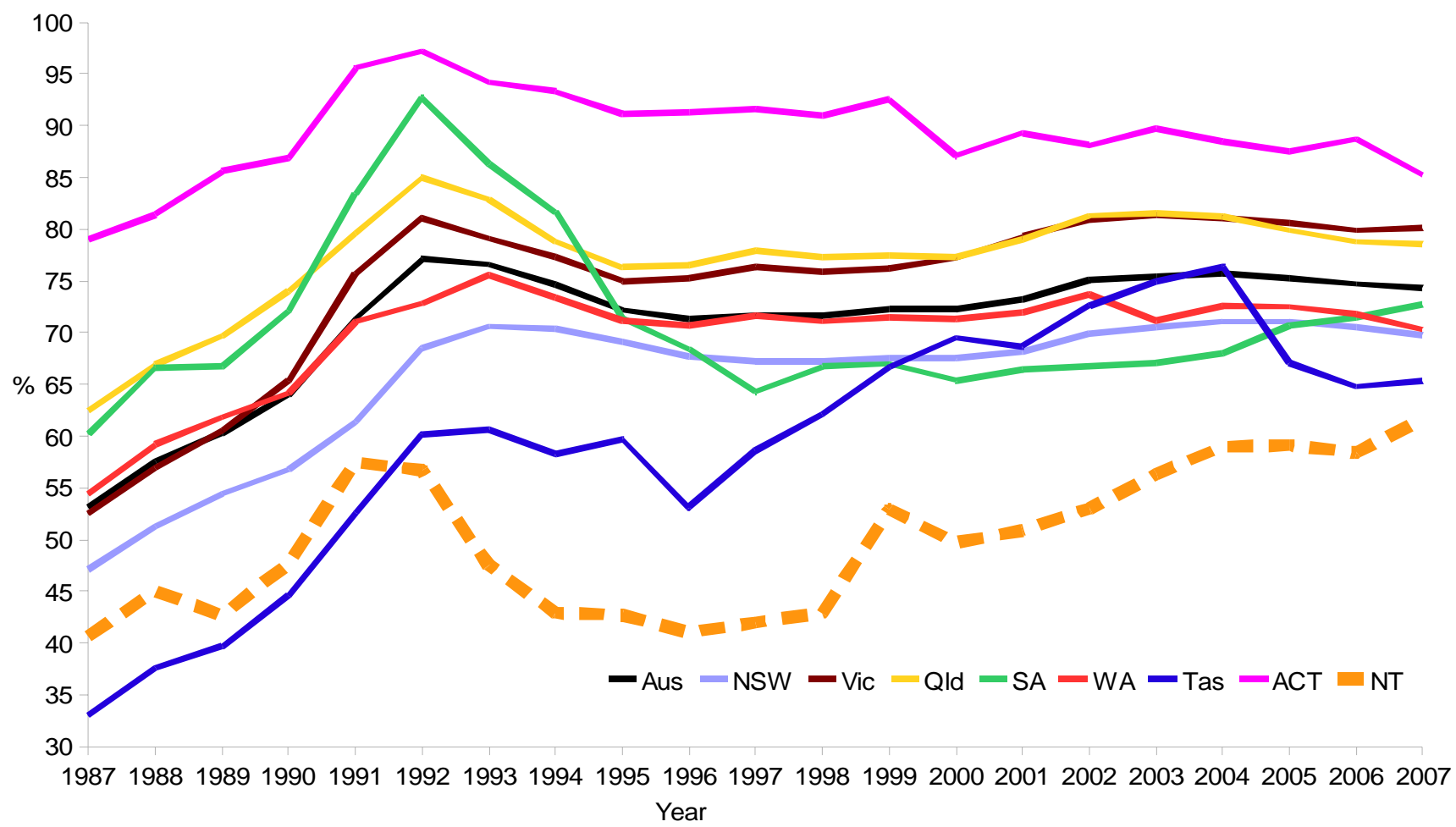
Source: National Schools Statistics Collection

# Year 7/8 to year 12 retention rates



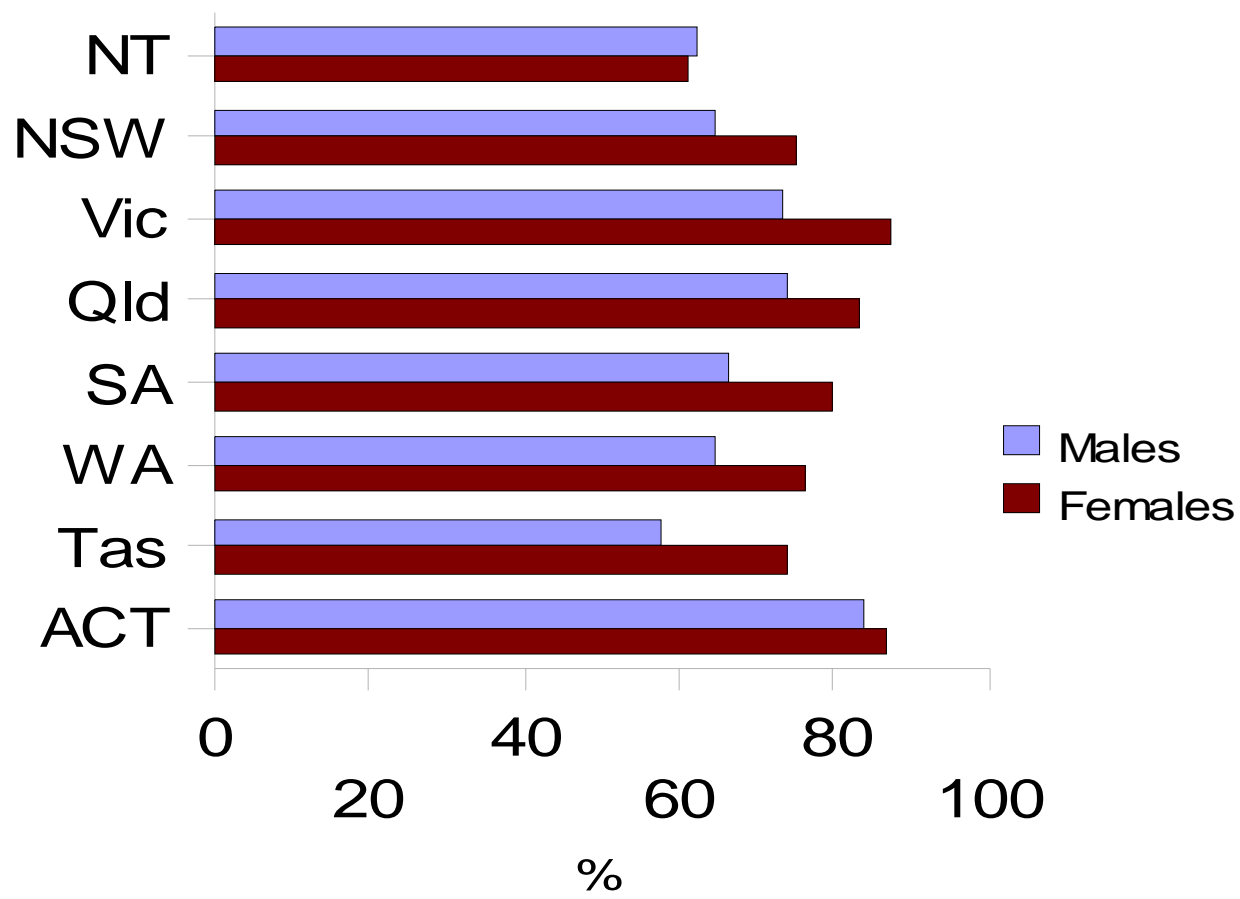
Source: National Schools Statistics Collection

# Year 7/8 to year 12 retention rates



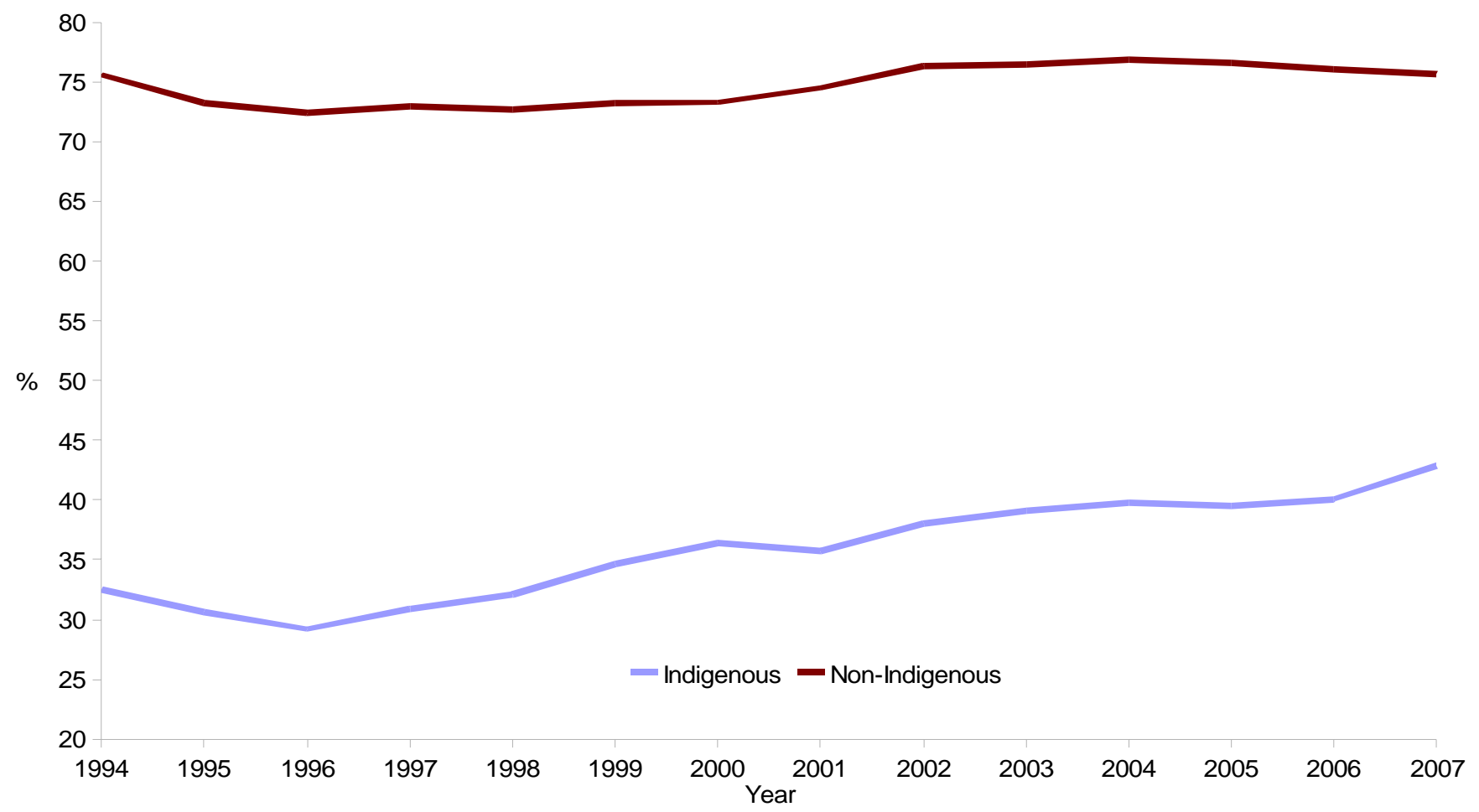
Source: National Schools Statistics Collection

# Year 7/8 to year 12 retention rates: States and Territories 2007



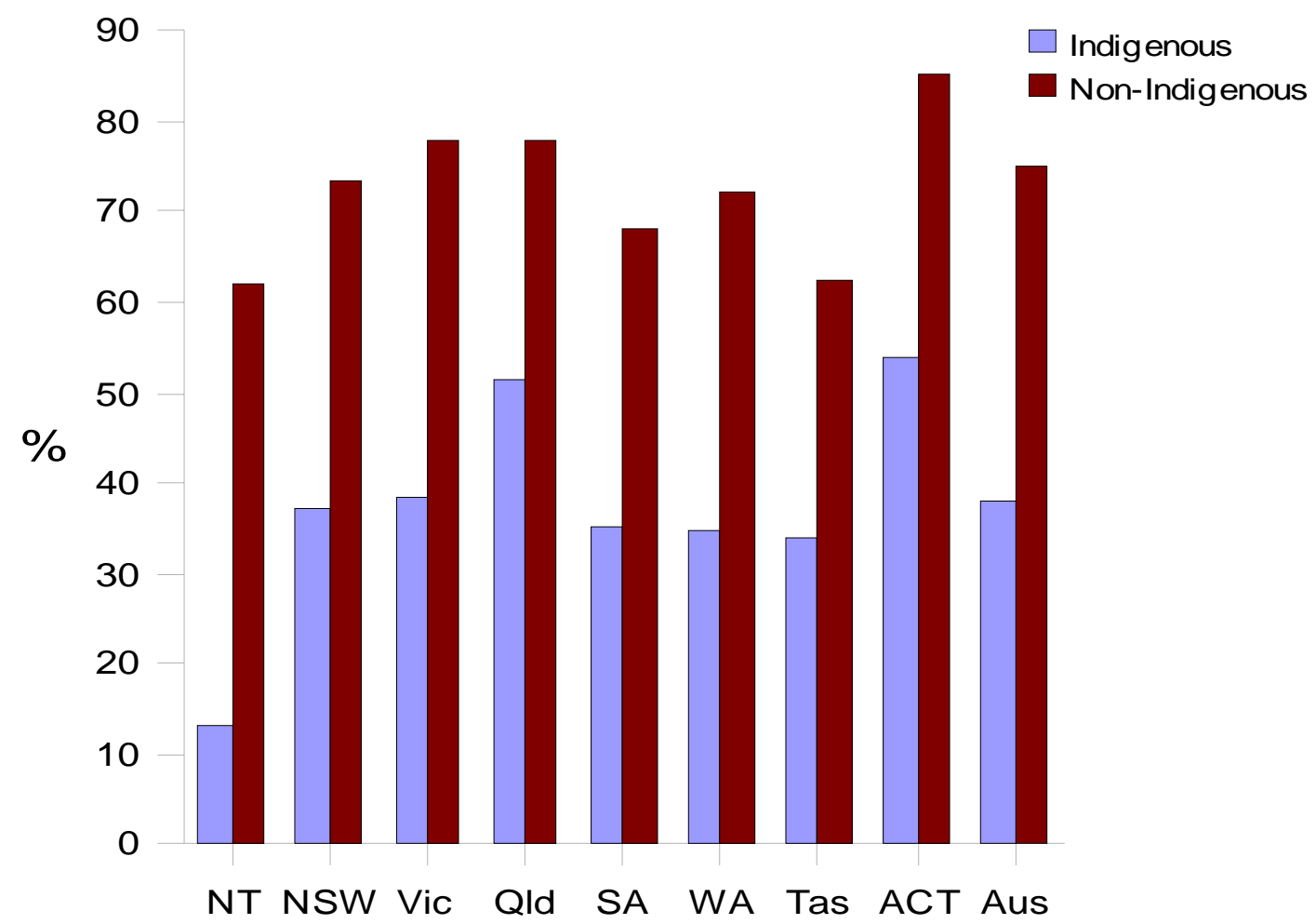
Source: National Schools Statistics Collection

# Year 7/8 to year 12 retention rates



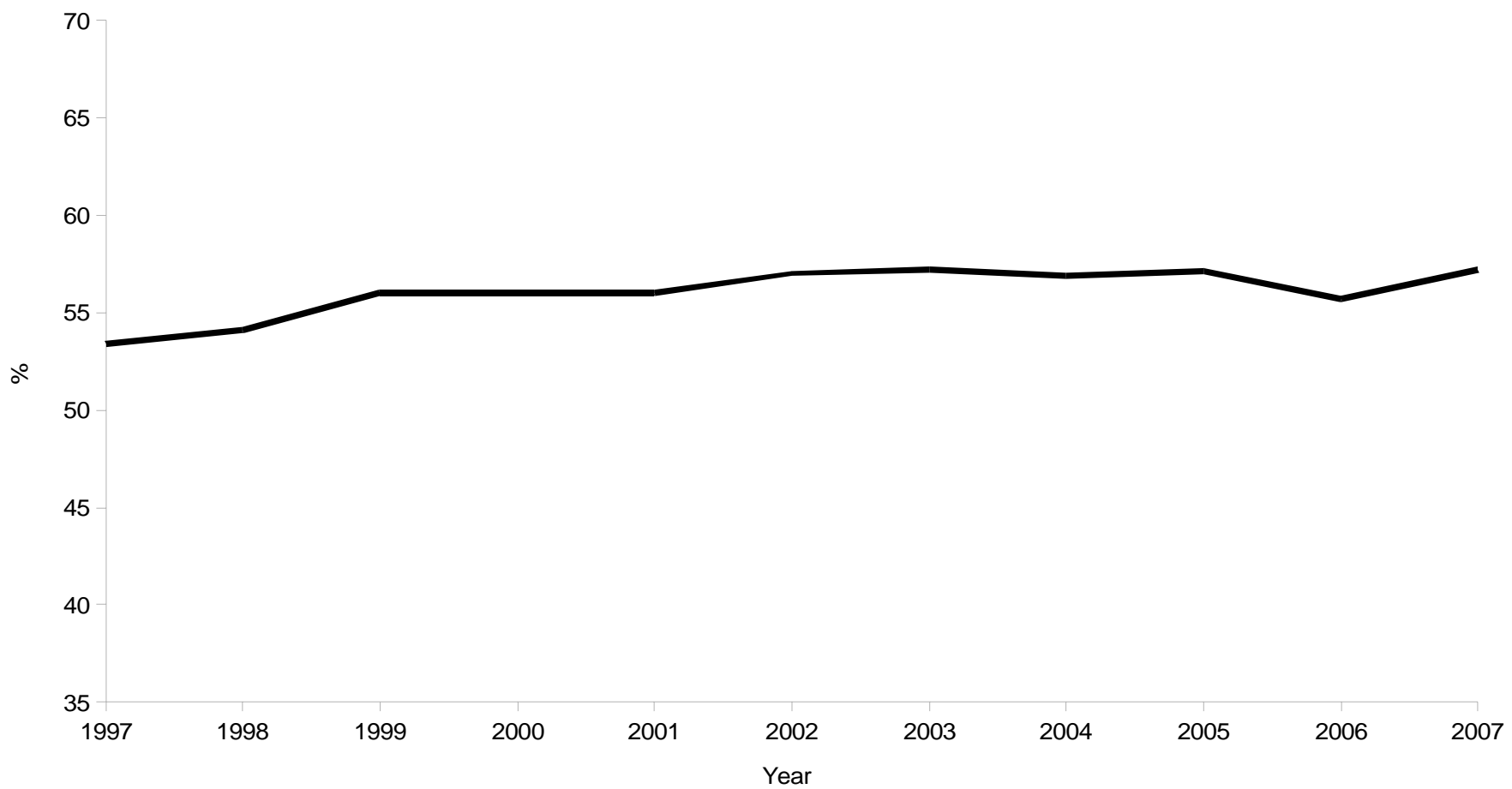
Source: National Schools Statistics Collection

# People aged 19 years who had completed Year 12 2006



Source: ABS 2006 Census of Population and Housing

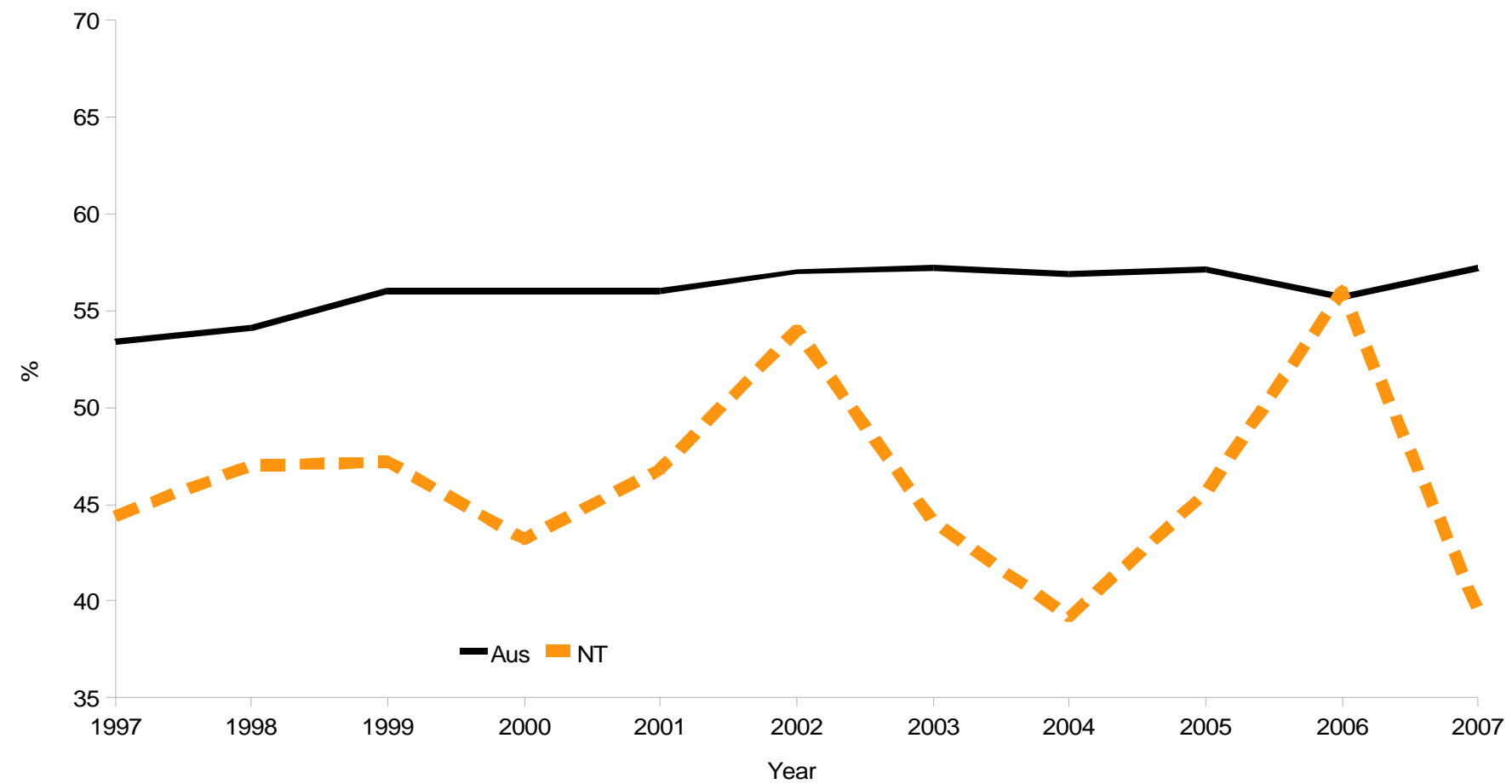
# Education participation rate (Ages 15-24)



Source: ABS Survey of Education and Work



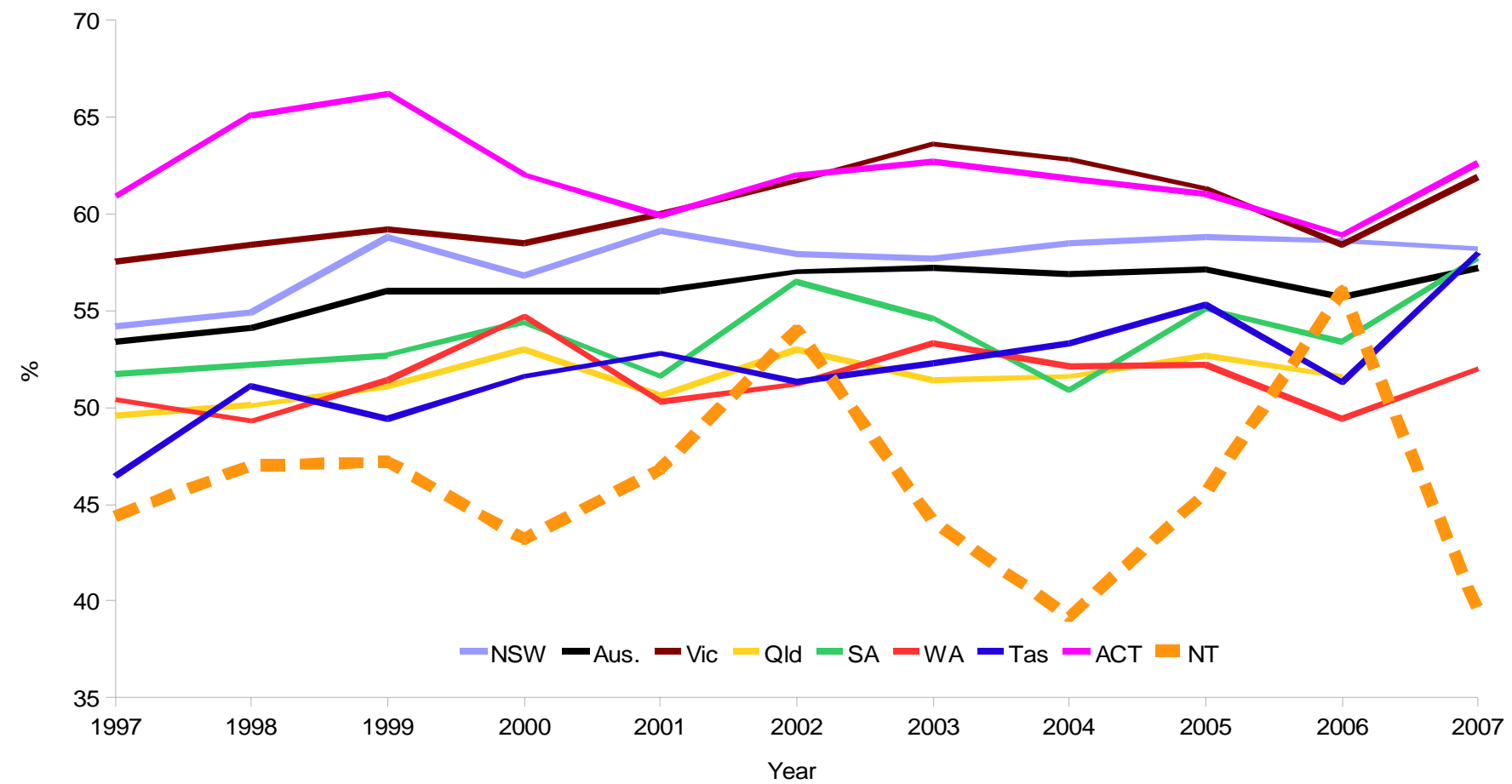
# Education participation rate(a) (Ages 15-24)



(a) Data for NT refer to mainly urban areas only

Source: ABS Survey of Education and Work

# Education participation rate(a) (Ages 15-24)



(a) Data for NT refer to mainly urban areas only

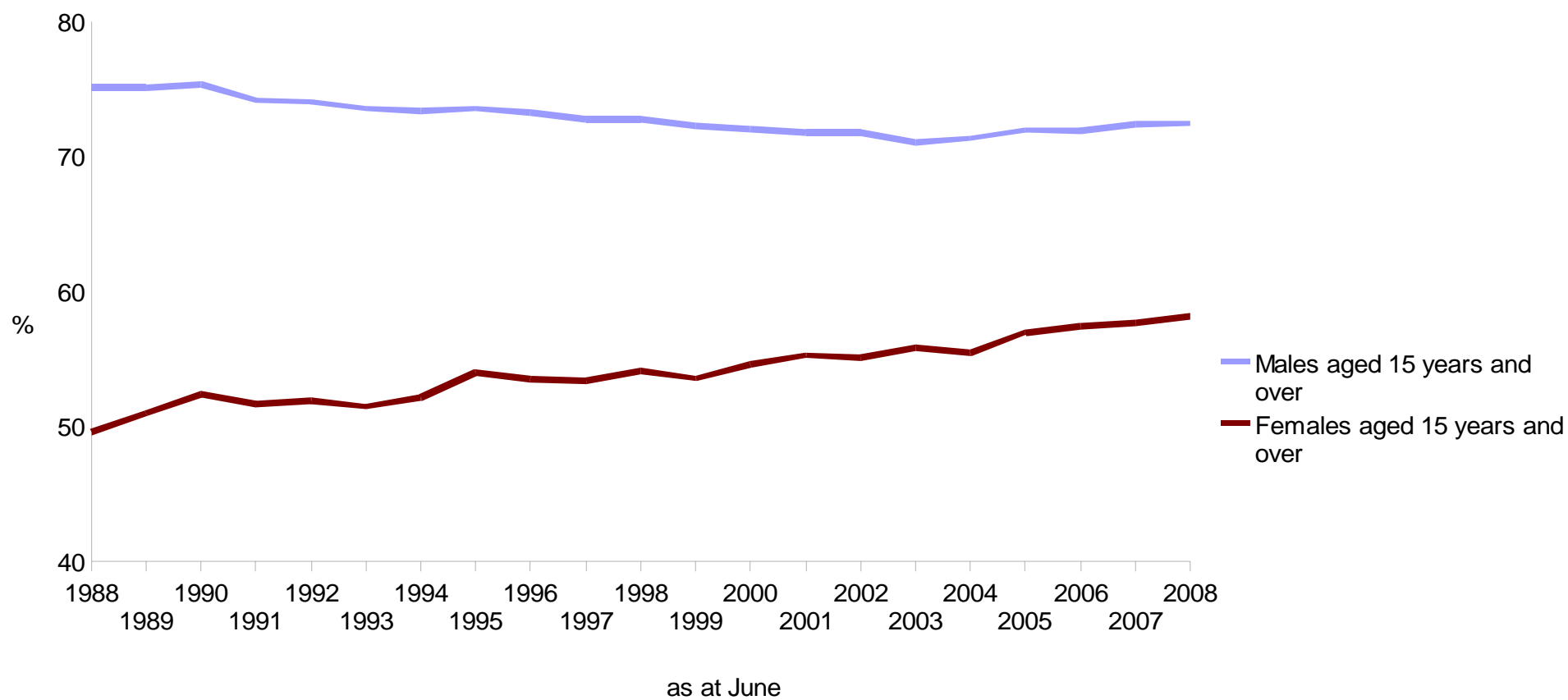
Source: ABS Survey of Education and Work

# Work

- Labour force participation across Australia
  - ...sex and age
  - ...part-time and full-time employment
- Trade union members
  - ...sex and age
  - ...industry type

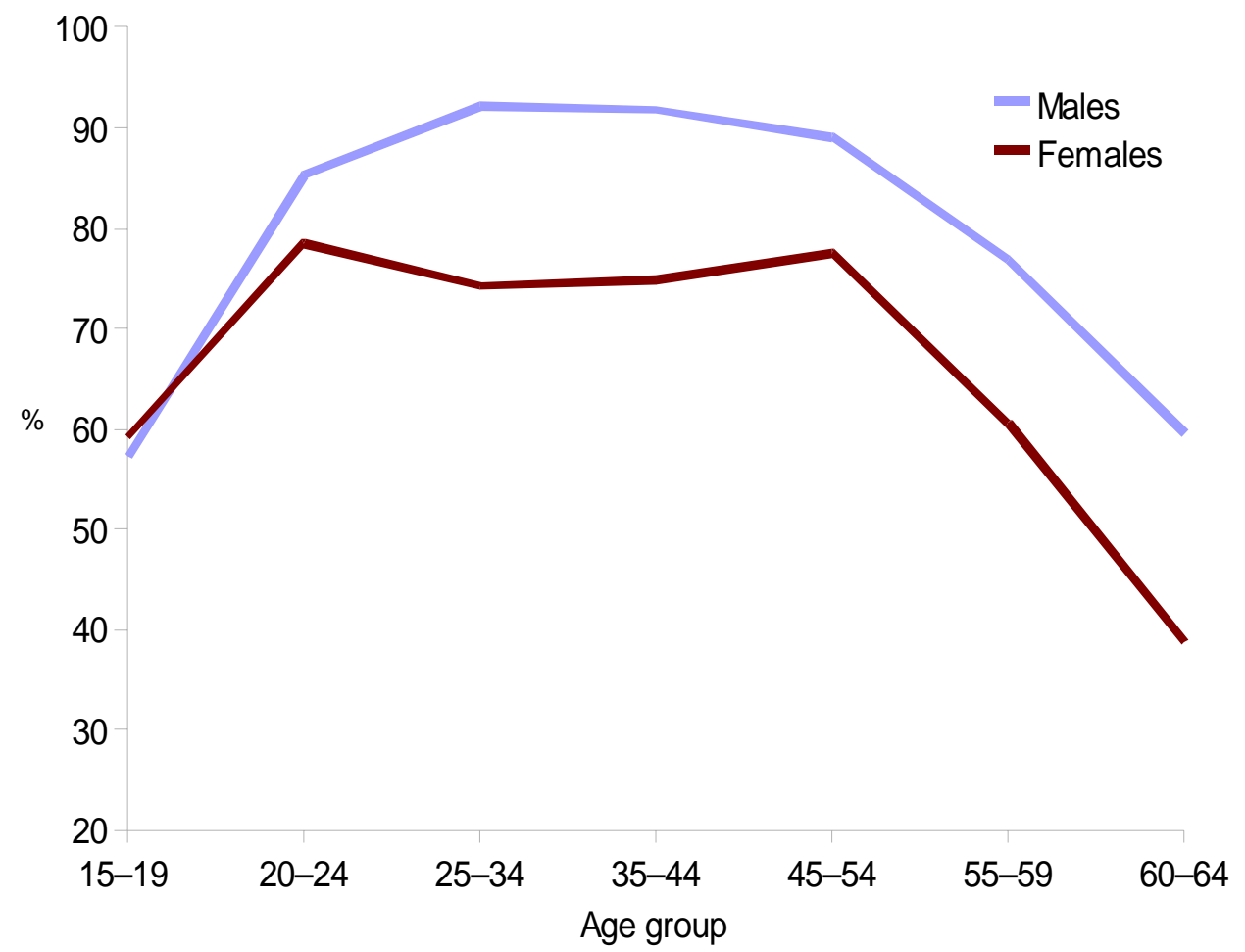


# Labour force participation rate by sex



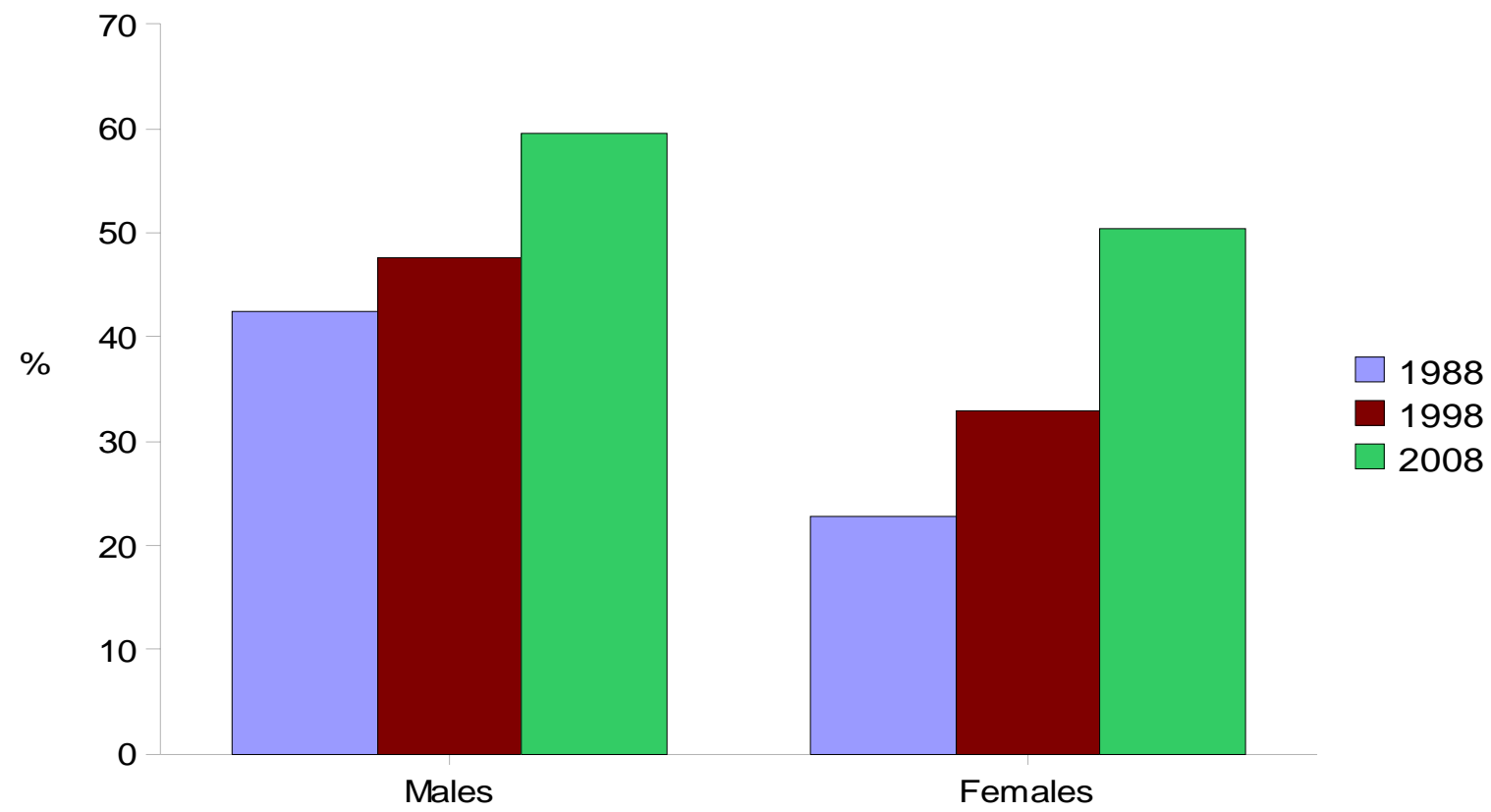
Source: ABS Labour Force Survey

# Labour force participation rate by age and sex 2008



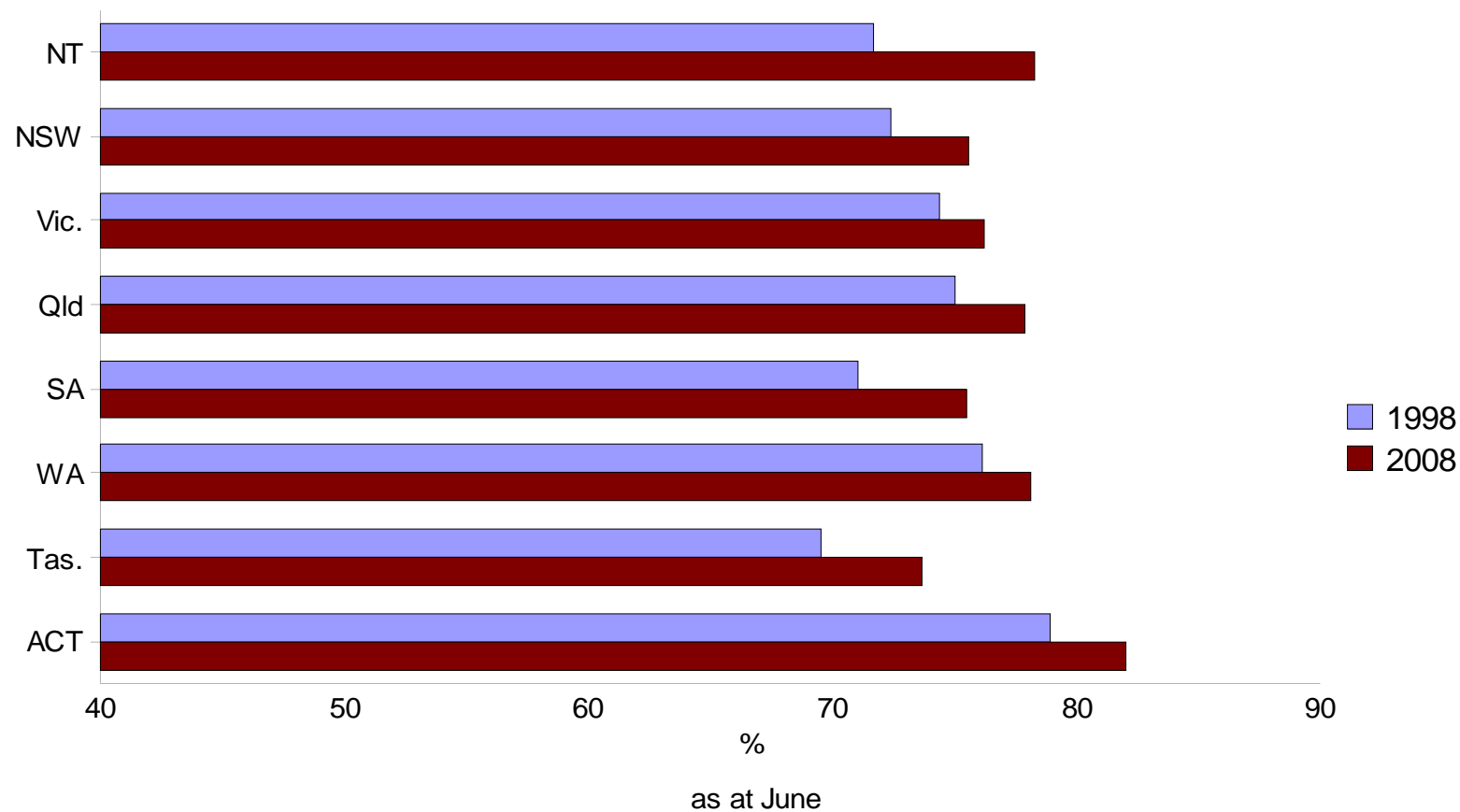
Source: ABS Labour Force Survey

# Labour force participation rate: people aged 55–64 years



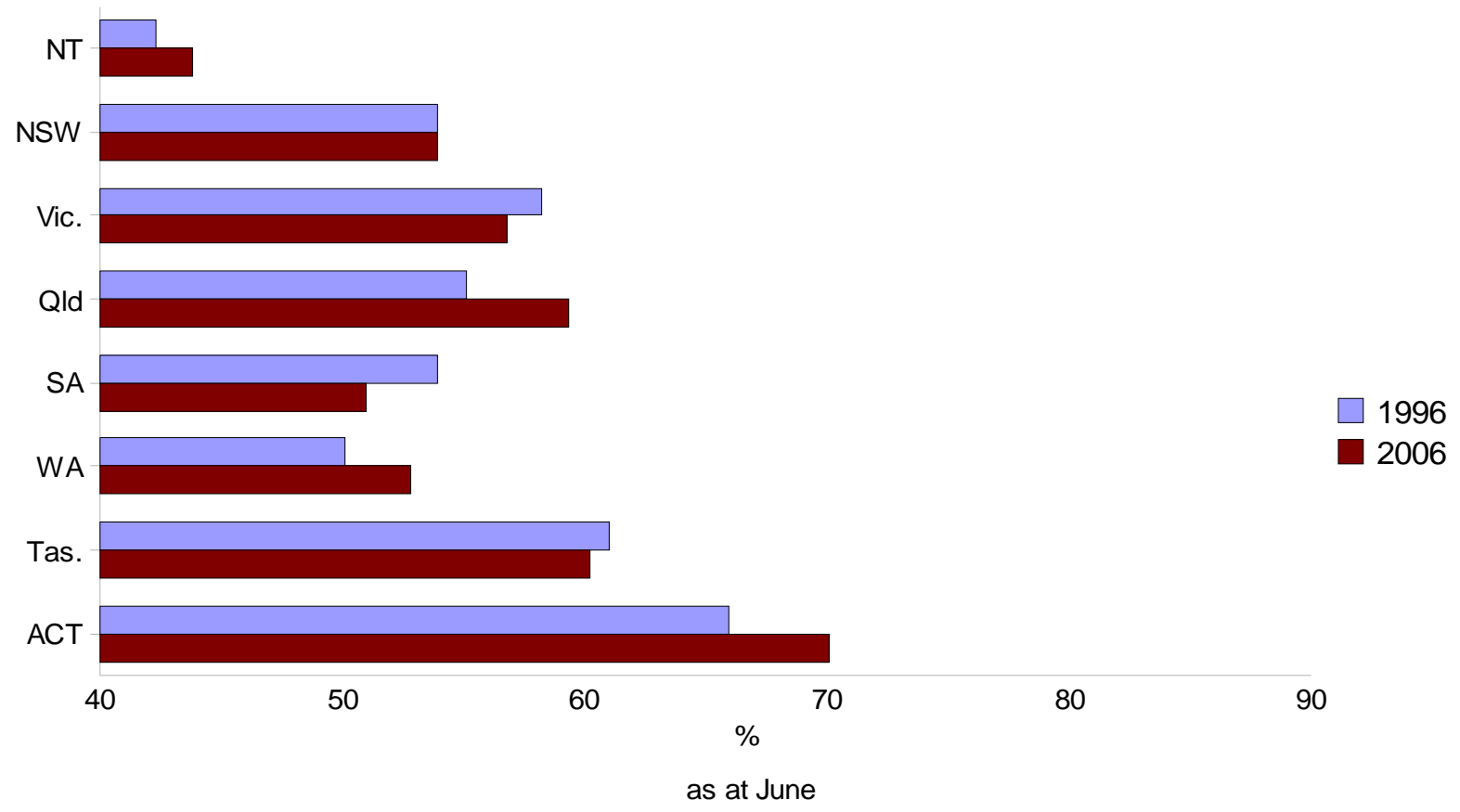
Source: ABS Labour Force Survey

# Labour force participation rate: States and Territories, for people aged 15-64 years



Source: ABS Labour Force Survey

# Labour force participation rate: Indigenous persons (15 years and over)

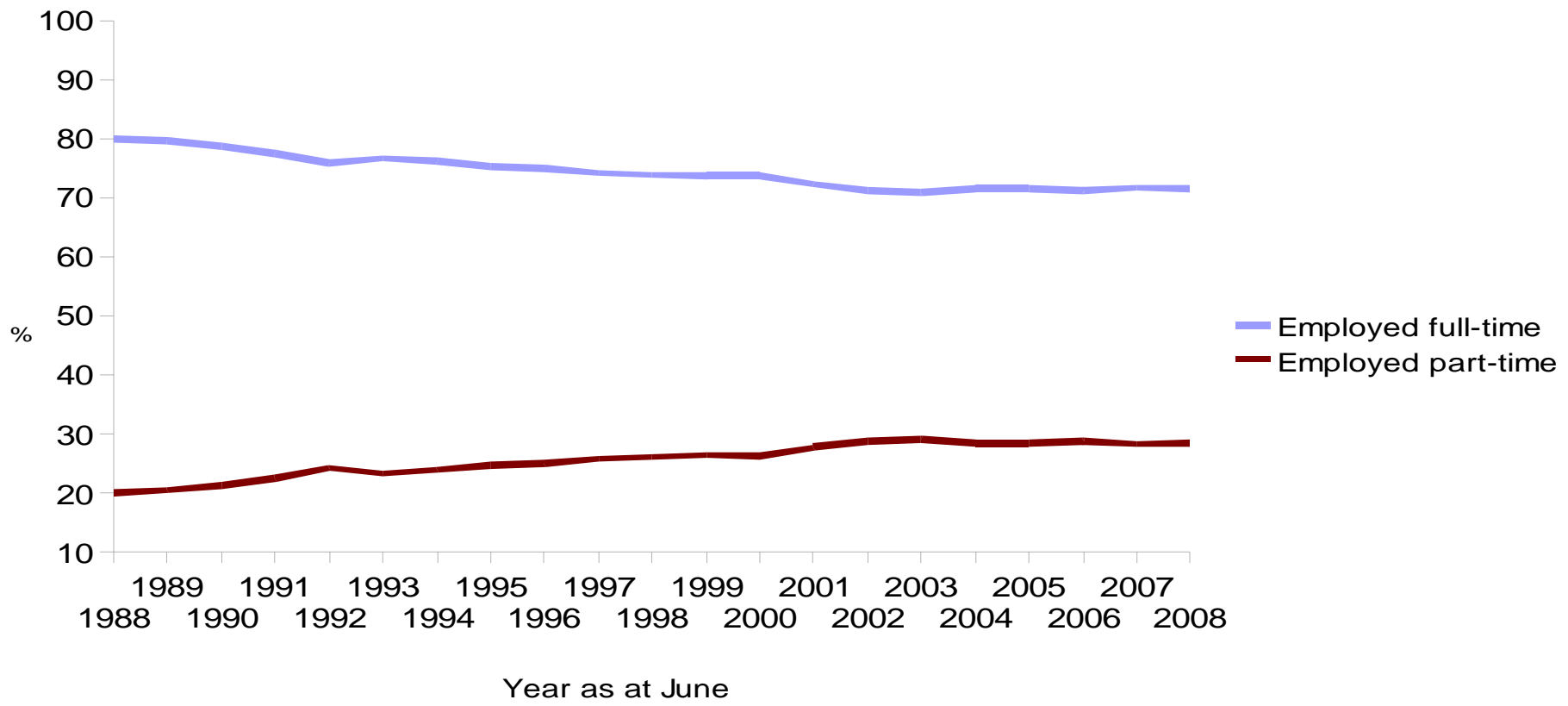


Source: 1996 and 2006 Census of Population and Housing



# Employment trends for people aged 15–64 years

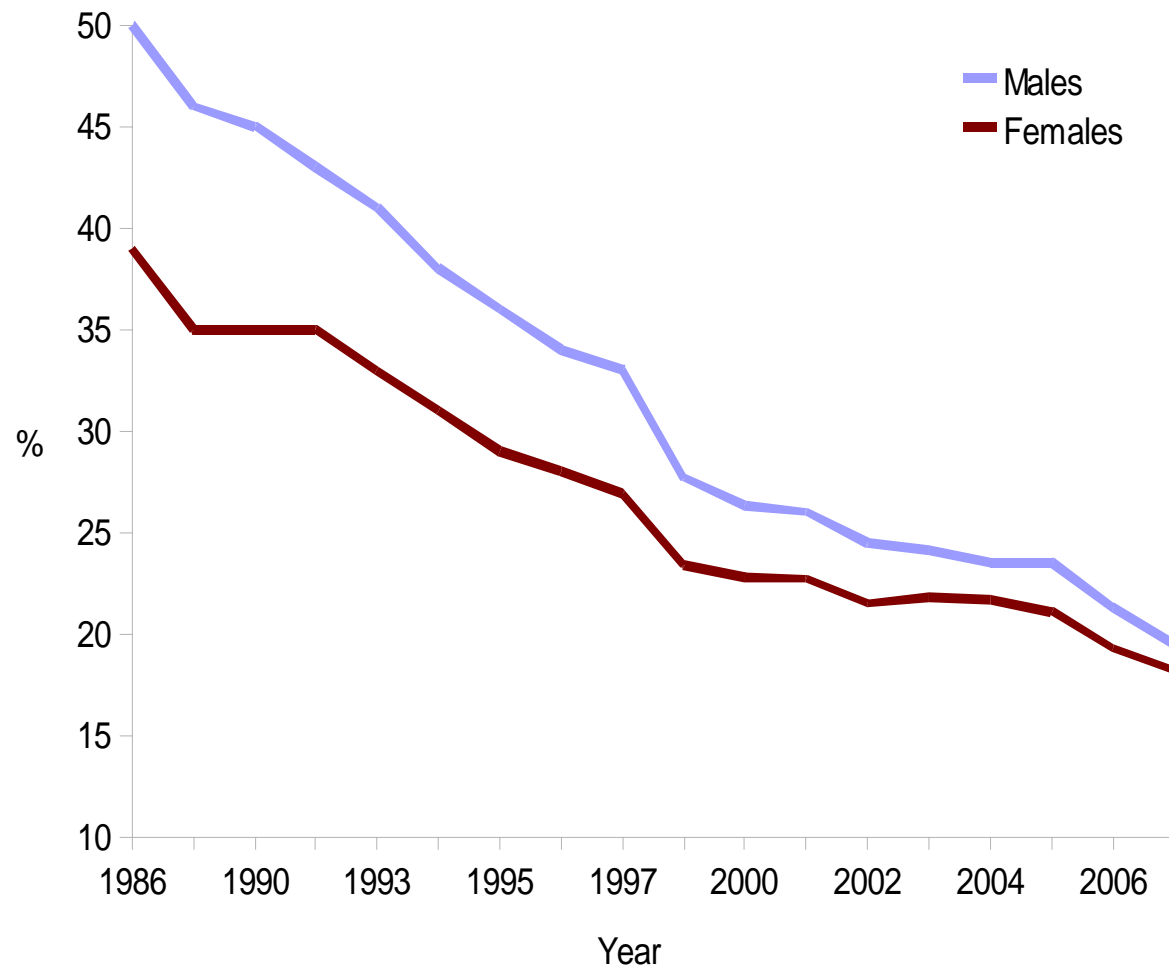
..as a proportion of total employment



Source: ABS Labour Force Survey

# Trade union membership

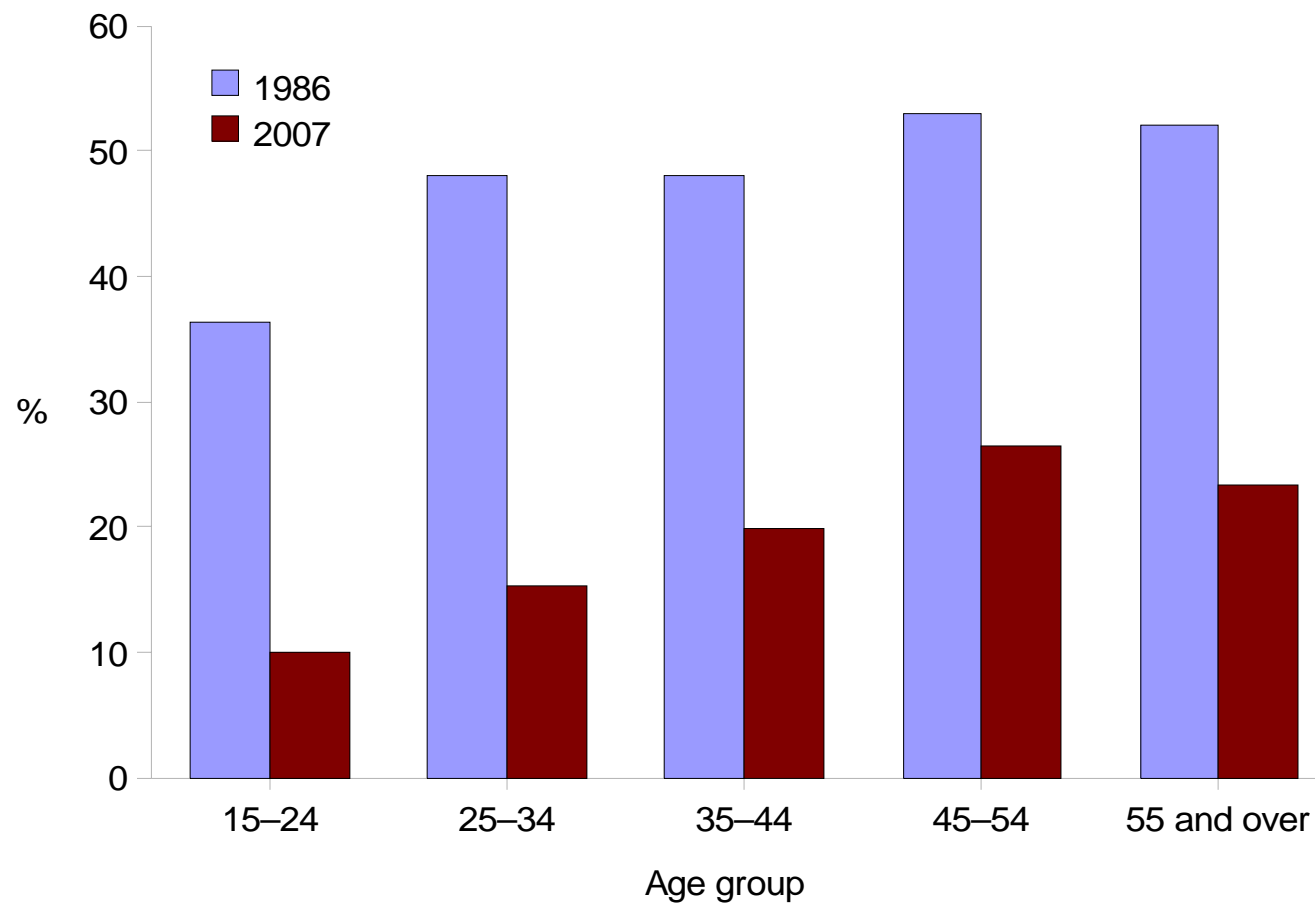
## Unionisation rates by sex



Source: Trade Union Members, Australia, August 1986, Employee Earnings, Benefits and Trade Union Membership, Australia, August 2007

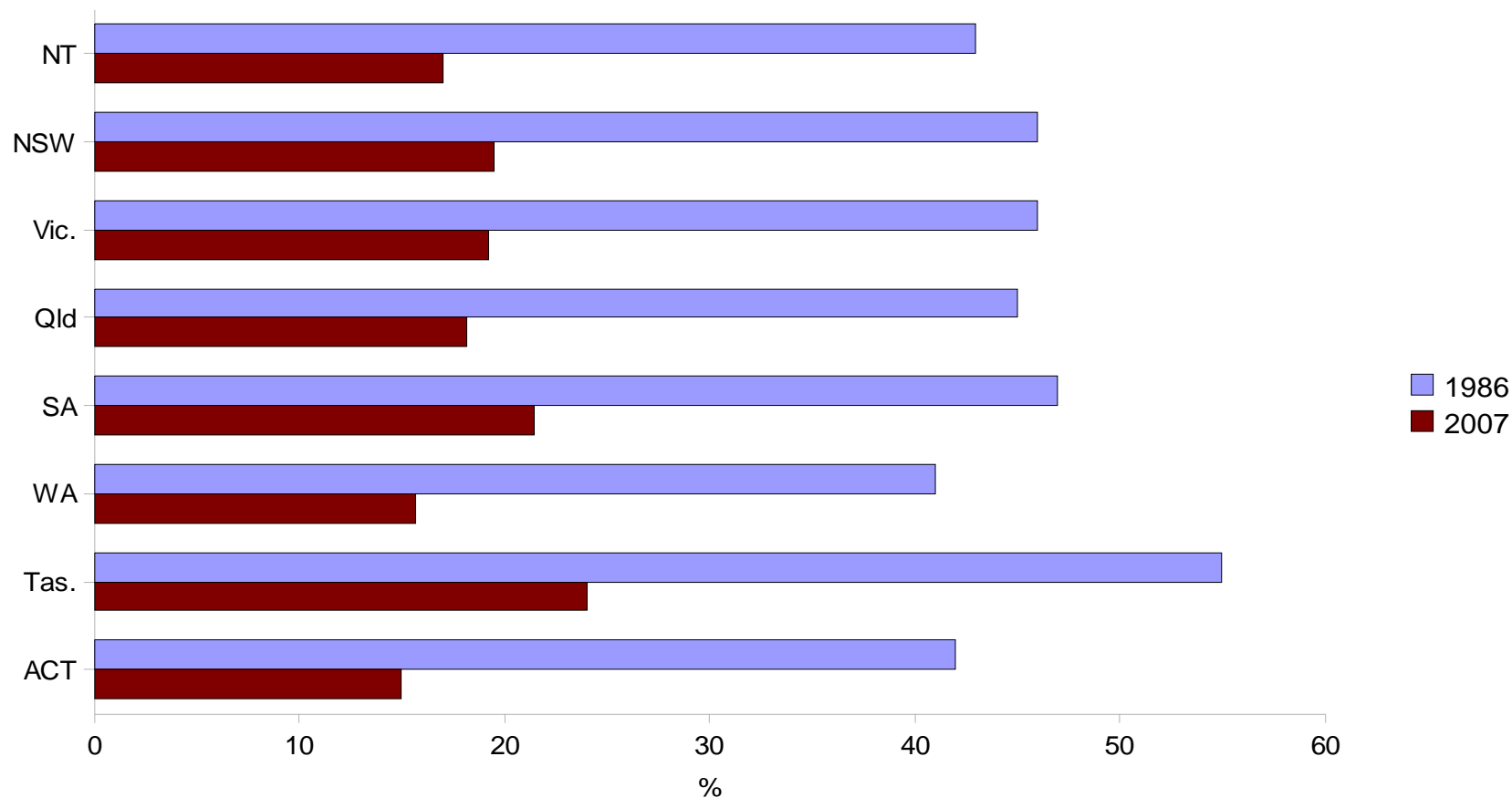
# Trade union membership

## Unionisation rates by age



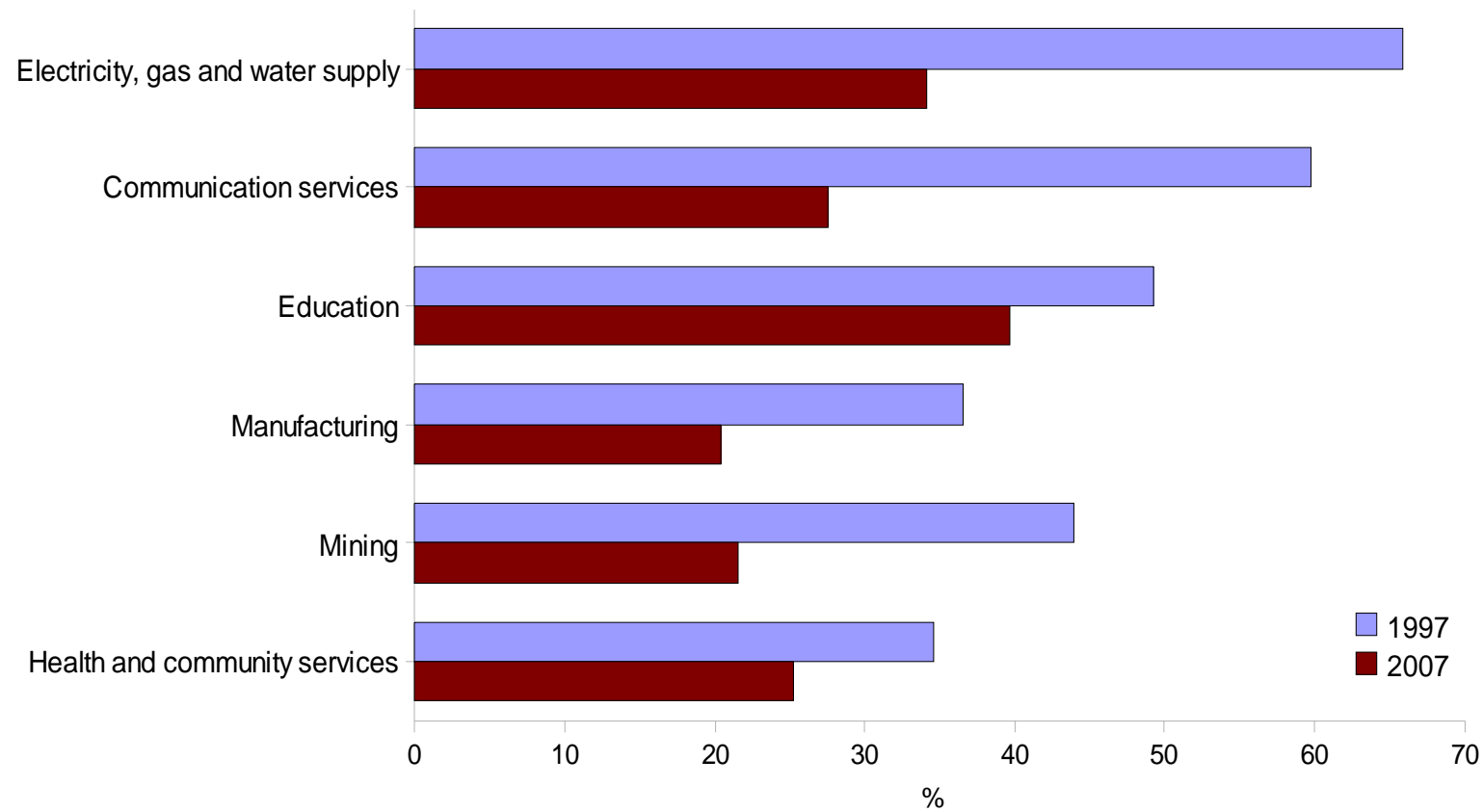
Source: 1986 Survey of Trade Union Members and 2007 Survey of Employee Earnings, Benefits and Trade Union Membership.

# Unionisation rates: States and Territories



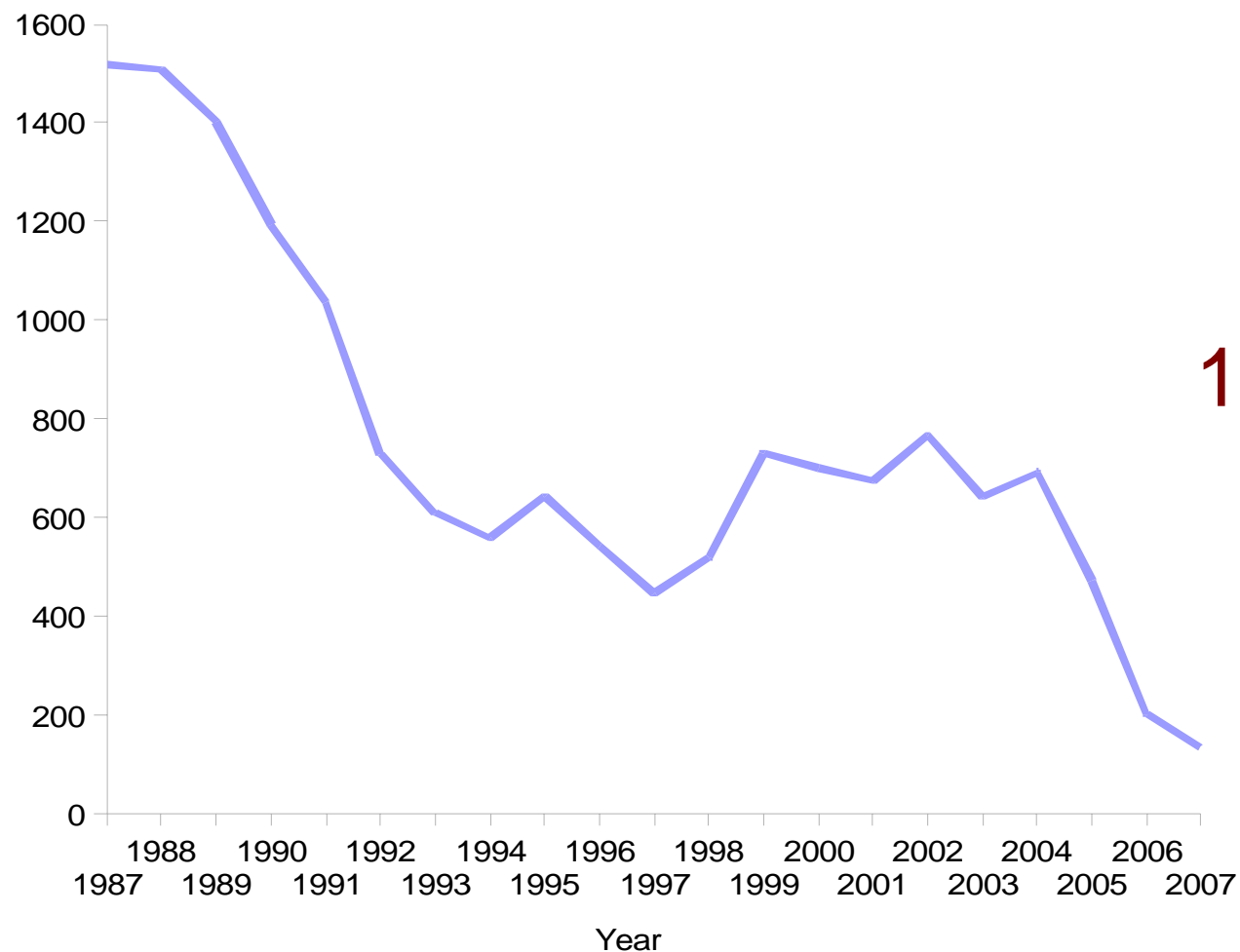
Source: Trade Union Members, Australia, August 1986, Employee Earnings, Benefits and Trade Union Membership, Australia, August 2007

# Unionisation rates by selected industry 1997 to 2007



Source: 1997 Survey of Weekly Earnings of Employees and 2007 Survey of Employee Earnings, Benefits and Trade Union Membership

# The number of industrial disputes have also declined



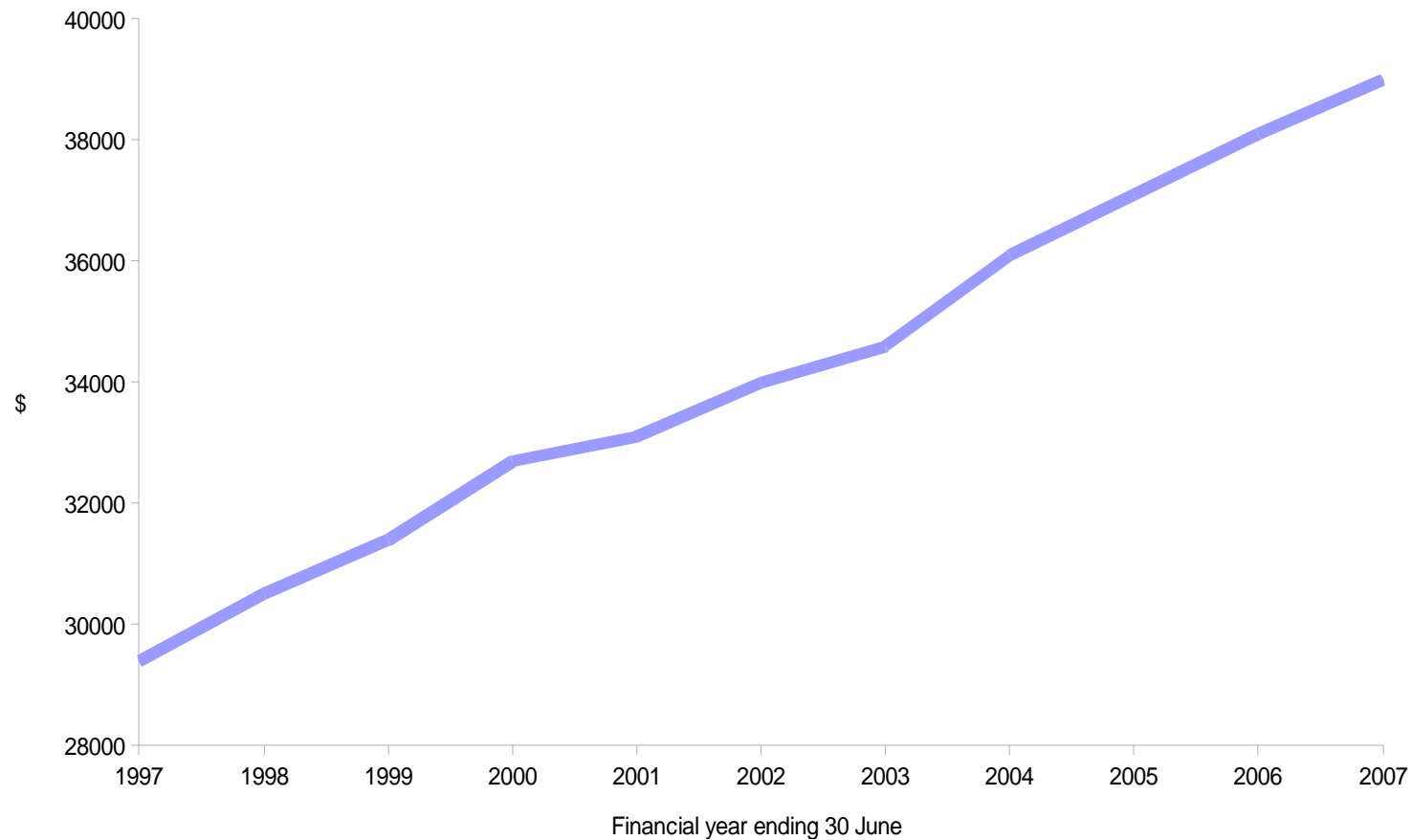
...from  
**1,519** in 1987 to  
**135** in 2007

# Economic Resources

- Government benefits, taxes and household income  
...on household type
- Women's incomes  
...change over time



# Real net national disposable income per person(a)



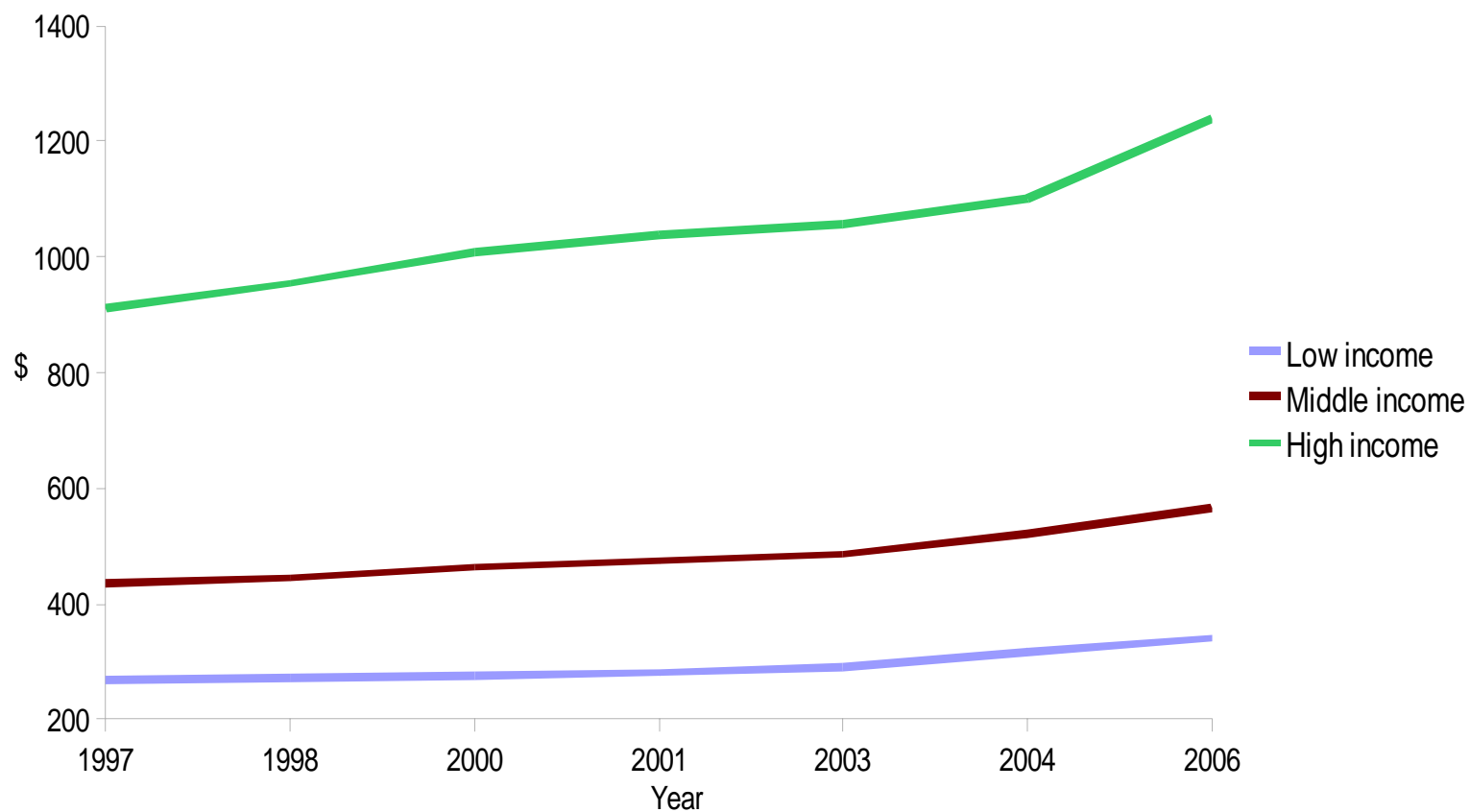
(a) Chain volume measure, reference year 2005-06

Source: Australian System of National Accounts



# Household income

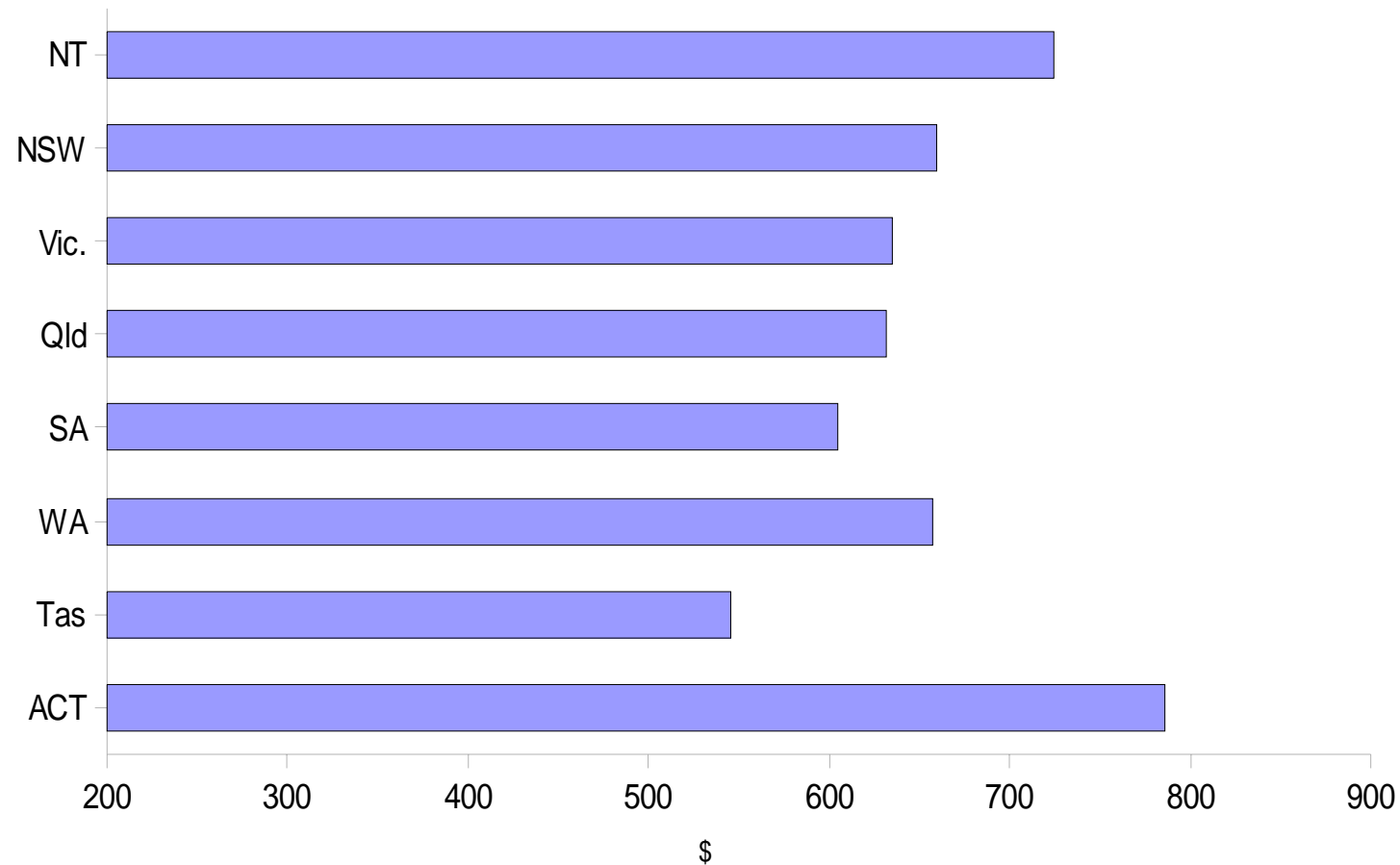
## Mean weekly equivalised household income by income groups



Source: ABS Survey of Income and Housing

# Household income: States and Territories 2005–06

Mean weekly equivalised household income for all households



Source: ABS Survey of Income and Housing

# Government taxes and benefits

...redistribute economic resources from people with **higher private incomes** to those with **lower private incomes**

## Final income =

Private income + Govt cash benefits – income tax + social transfers in kind – taxes on production

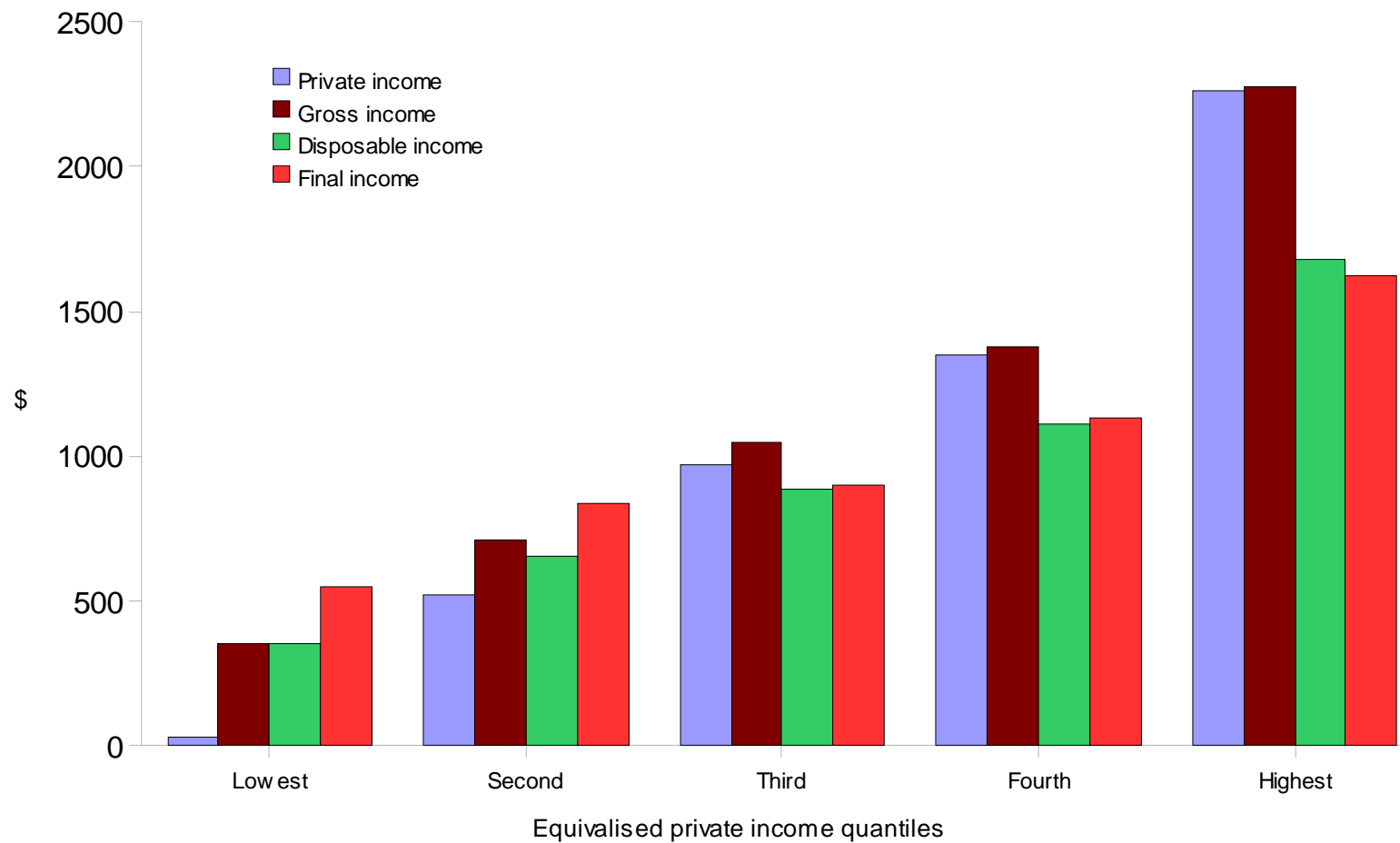
**Private income:** all forms of income except govt cash benefits.

**Govt cash benefits:** mainly pensions & allowances, family payments, baby bonus, rent assistance etc.

**Social transfers in kind:** include the value of goods & services provided or subsidised by govt. e.g. schooling, Medicare services, child care.

**Taxes on production:** intermediate taxes that producers pay in process of production and are passed on to consumers + GST and excise

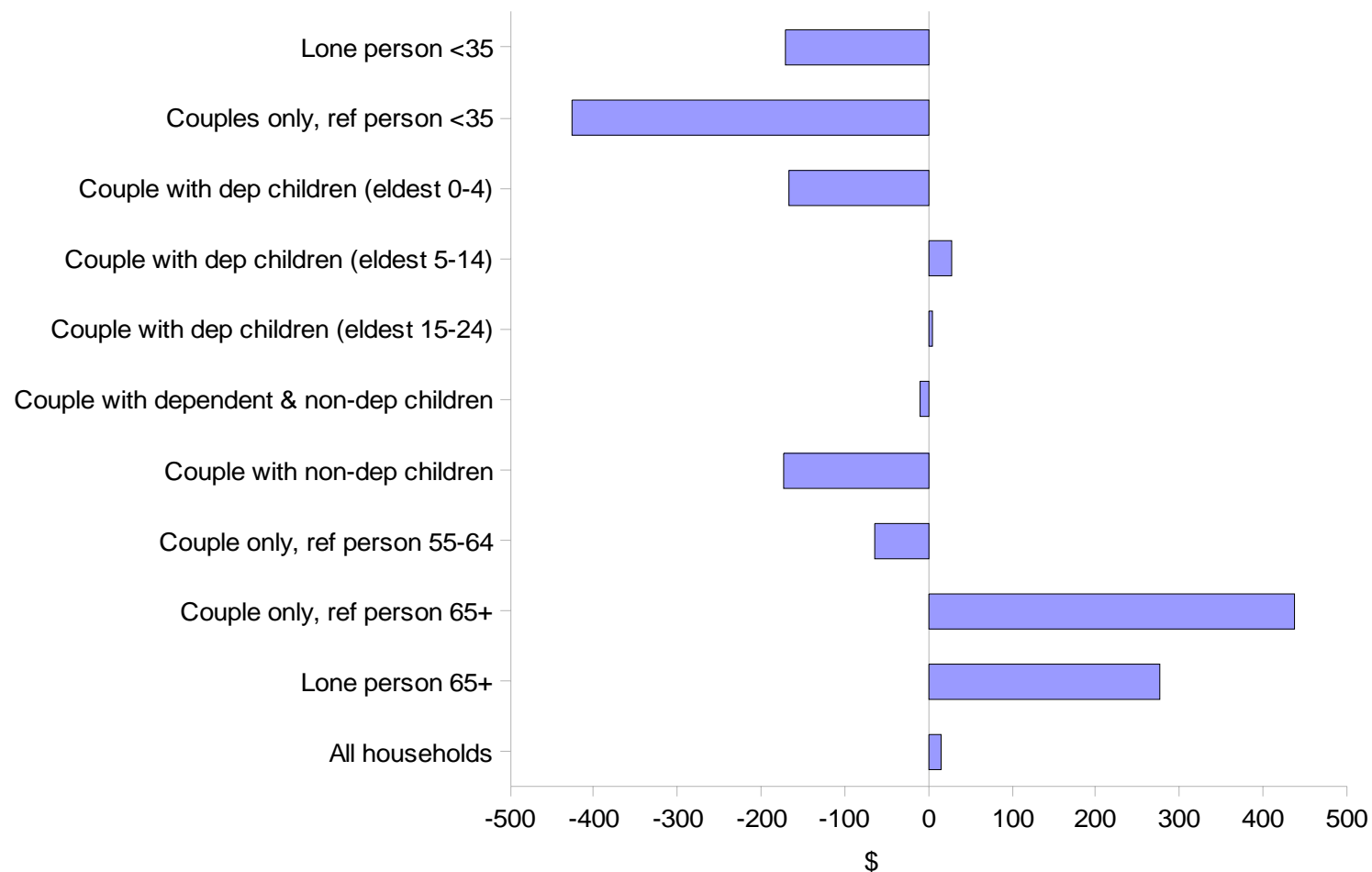
# From private to final income 2003–04(a)



(a) Average weekly value

Source: *Government Benefits, Taxes and Household Income, Australia, 2003–04*

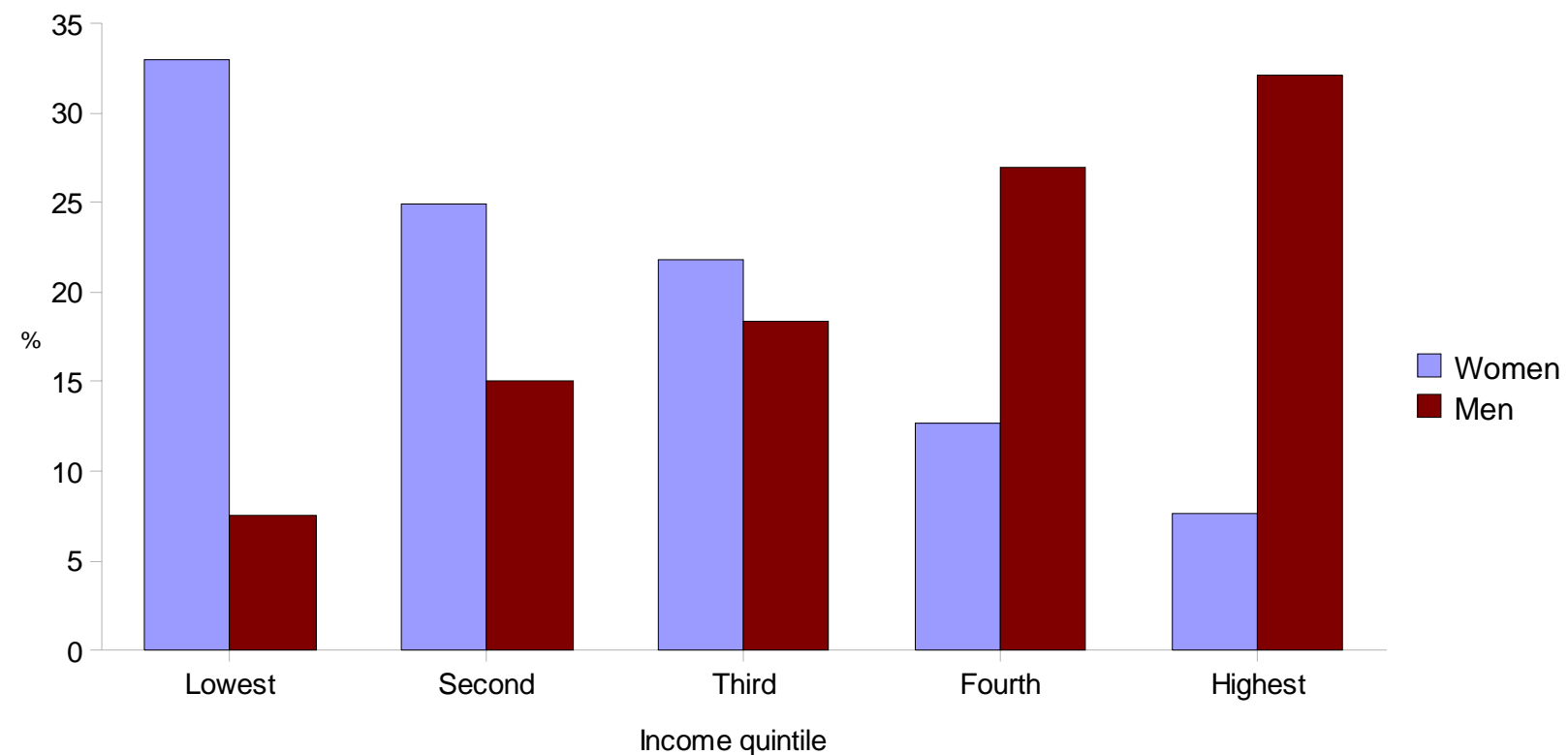
# Net effect of taxes and benefits on the household income of selected life course groups 2003–04(a)



(a) Average weekly value

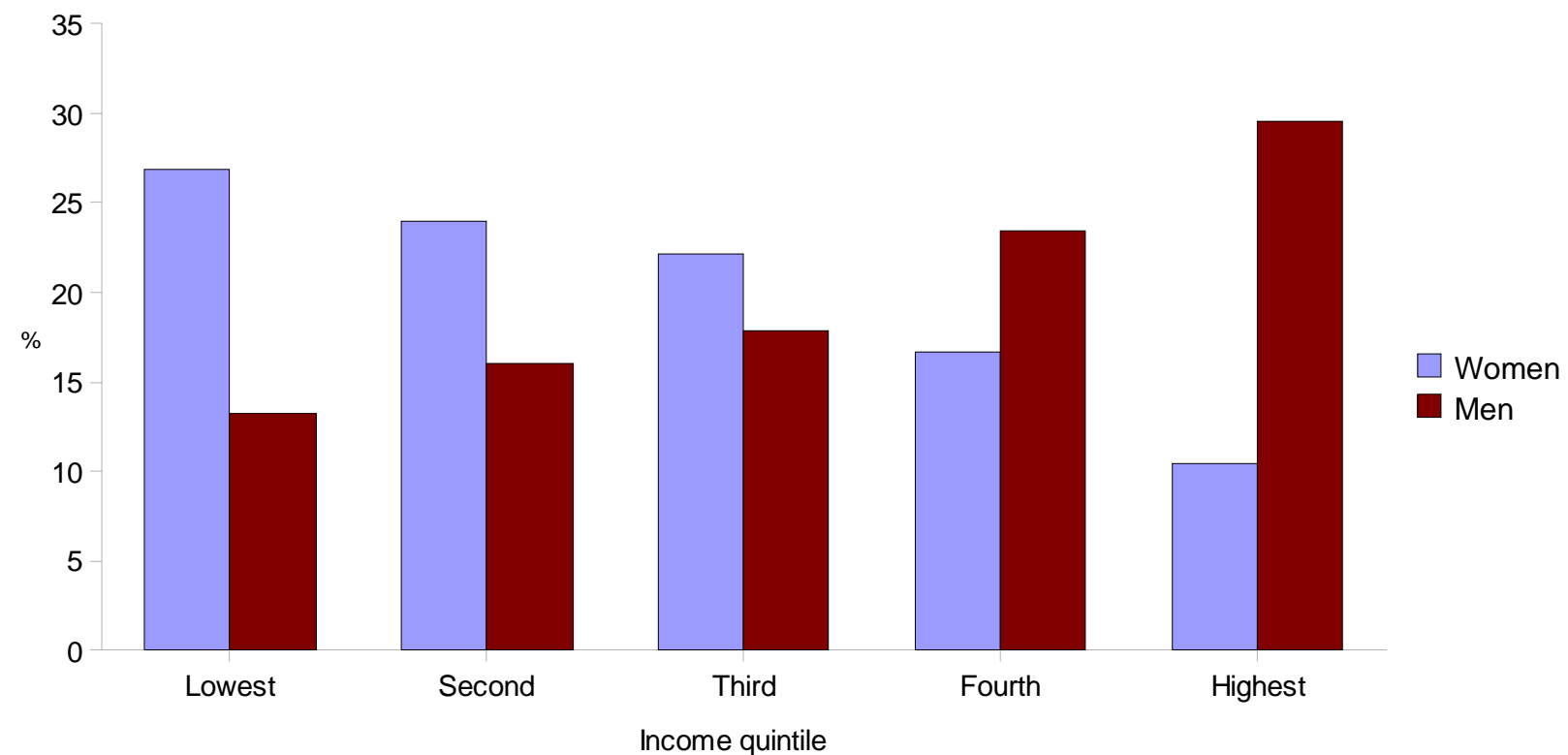
Source: *Government Benefits, Taxes and Household Income, Australia, 2003-04*

# Proportion of men and women in gross personal income quintiles 1982



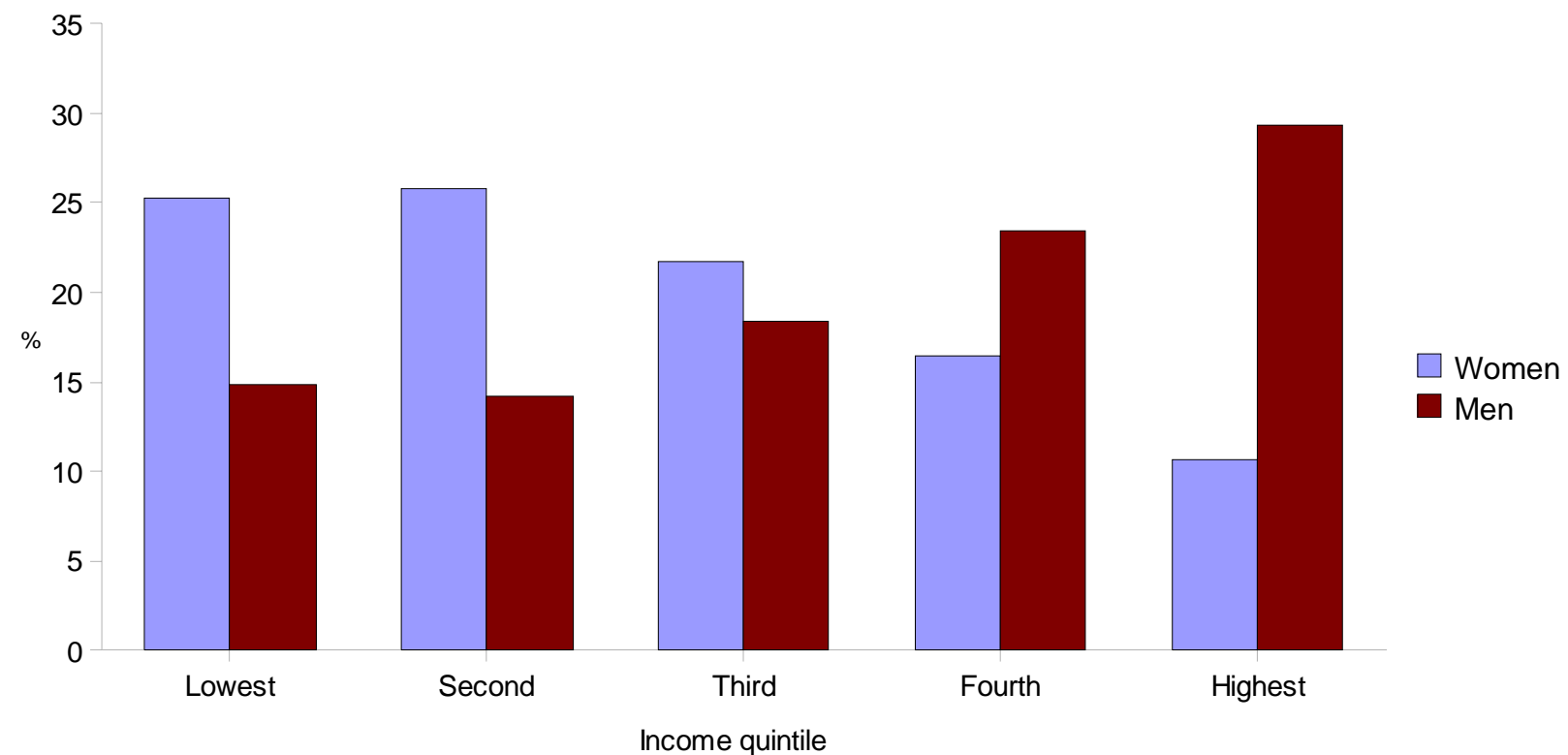
Source: Surveys of Income and Housing

# Proportion of men and women in gross personal income quintiles 1995–96



Source: Surveys of Income and Housing

# Proportion of men and women in gross personal income quintiles 2005–06



Source: Surveys of Income and Housing

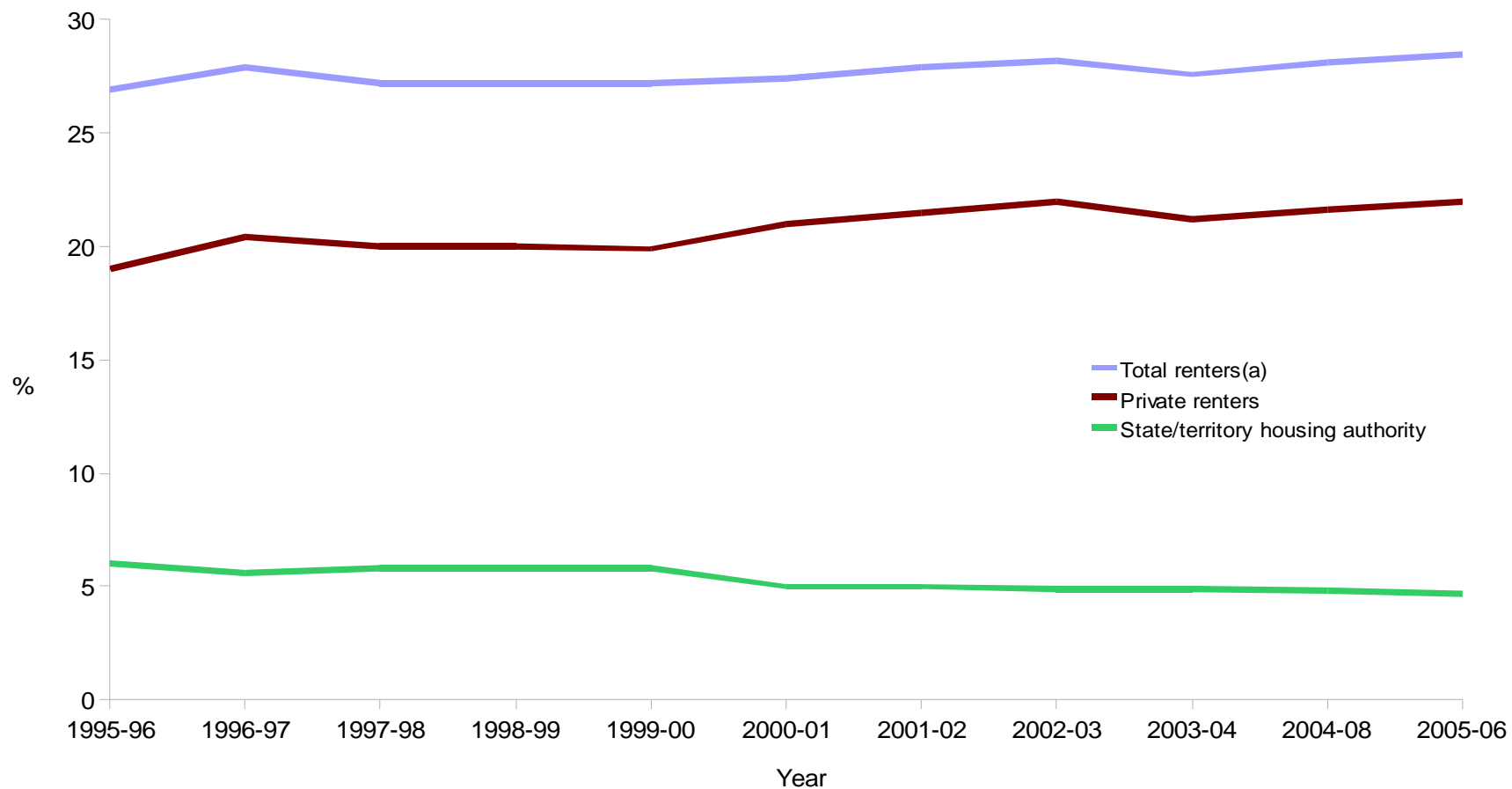


# Housing

- Renter Households  
...renting versus home ownership
- First home buyers  
...rising cost of home loans
- Housing and services in remote Indigenous communities  
...need for repairs  
...overcrowding



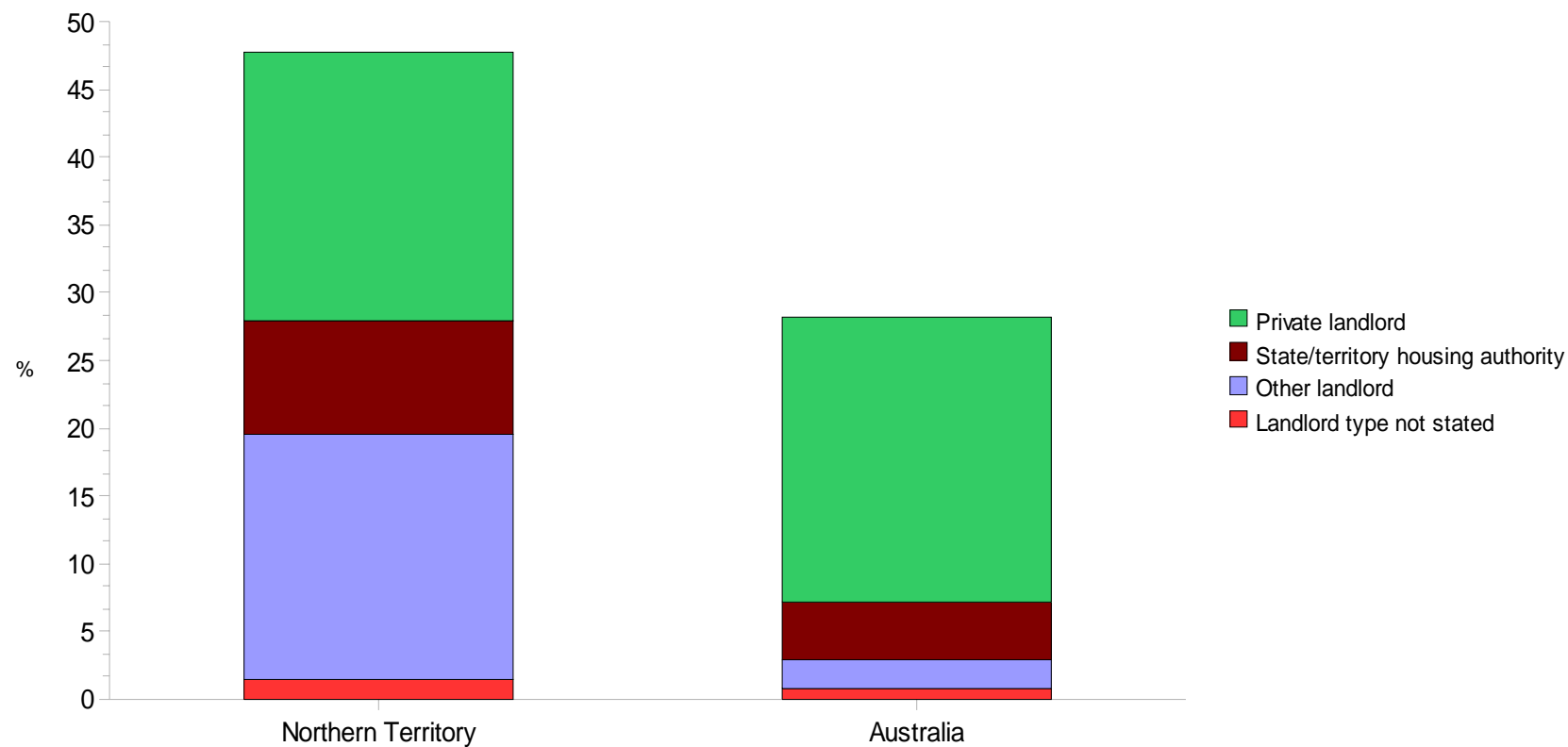
# Proportion of households renting 1995–96 to 2005–06



(a) Includes households renting from other landlords

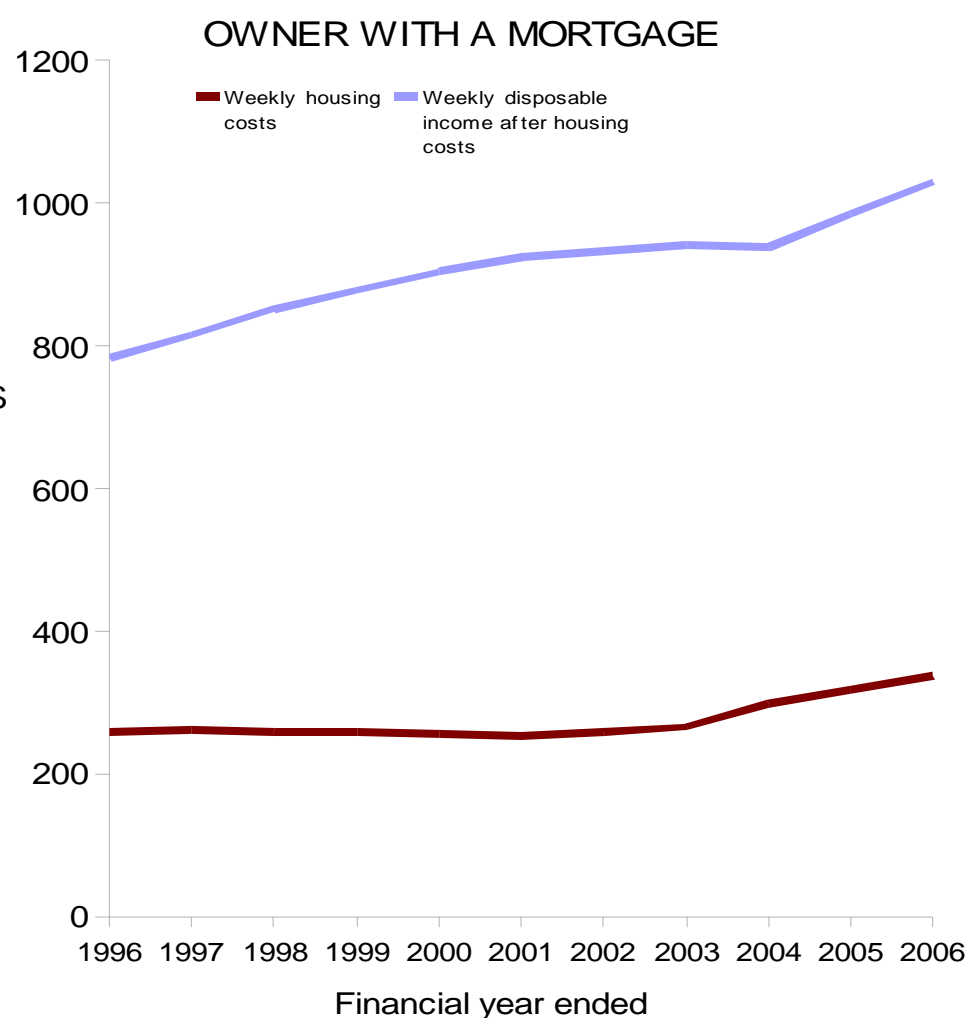
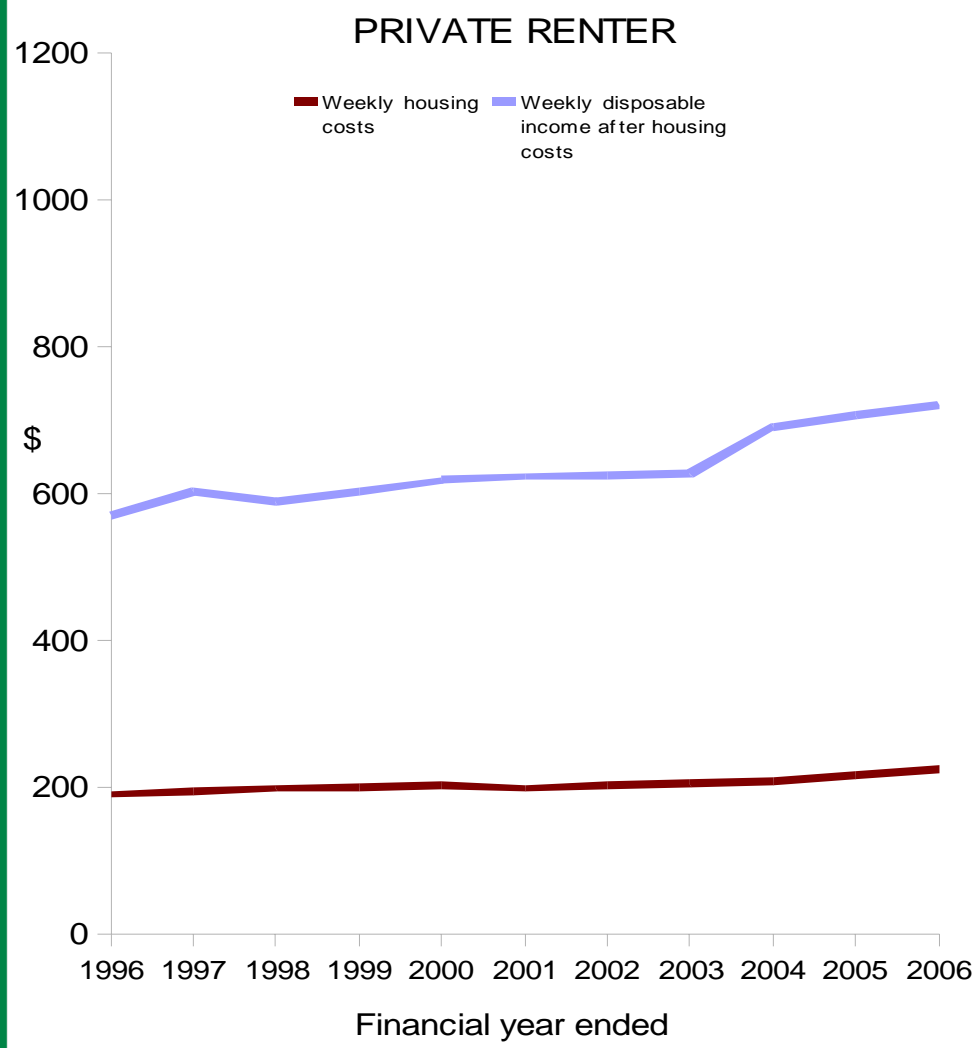
Source: ABS Surveys of Income and Housing

# Proportion of households renting 2006



Source: ABS Census of Population and Housing

# Mean weekly housing costs and disposable household income after housing costs



Adjusted to 2005–06 dollars  
Source: ABS Surveys of Income and Housing

# First home buyers

During the year to March 2008 there were **135,000** housing finance commitments to first home buyers...

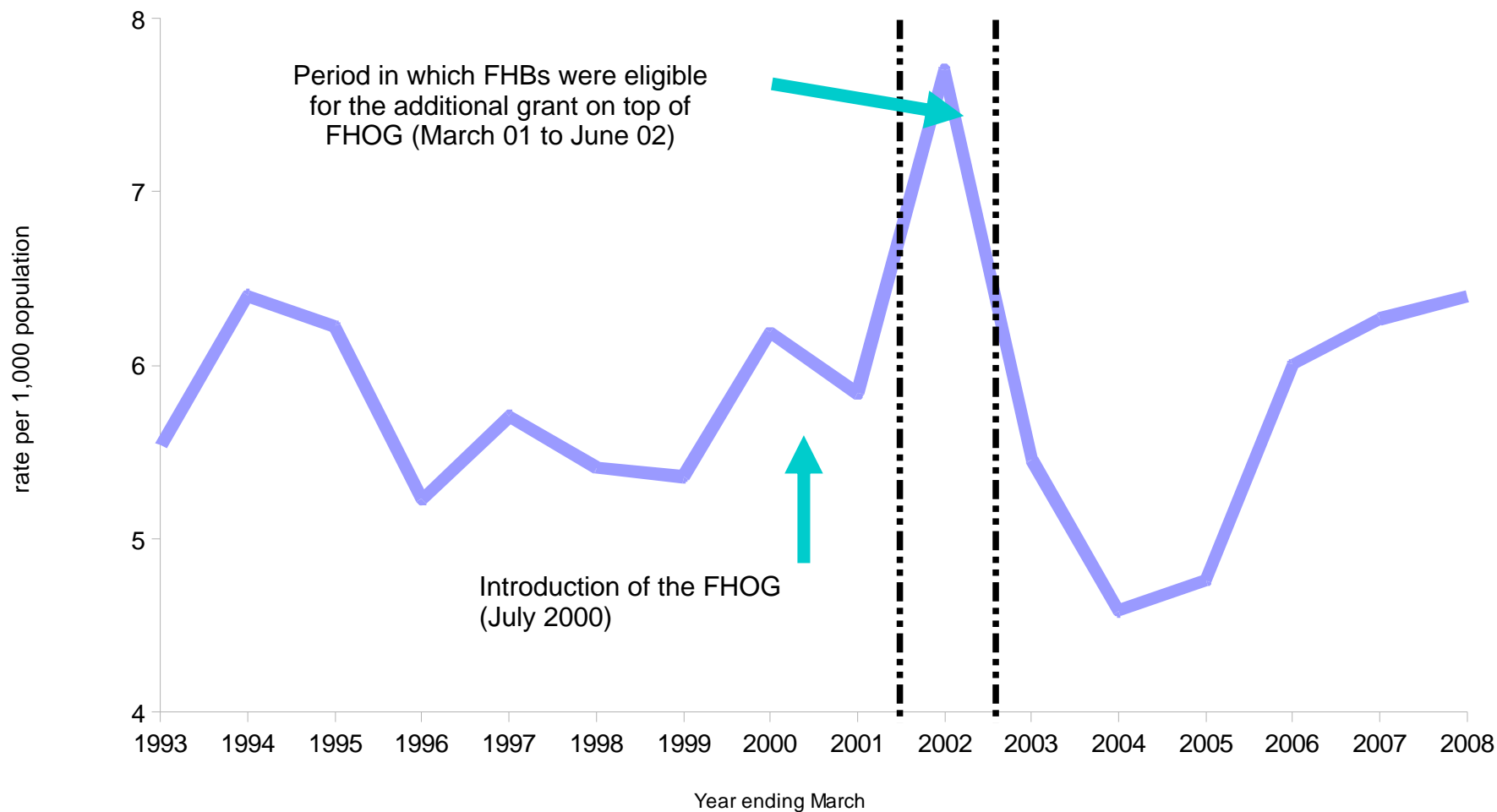
...equivalent to 6.4 commitments per 1,000 people

Between 1991 and 2008 average home loan commitments to first home buyers increased...

... from **\$96,100** to **\$215,000**

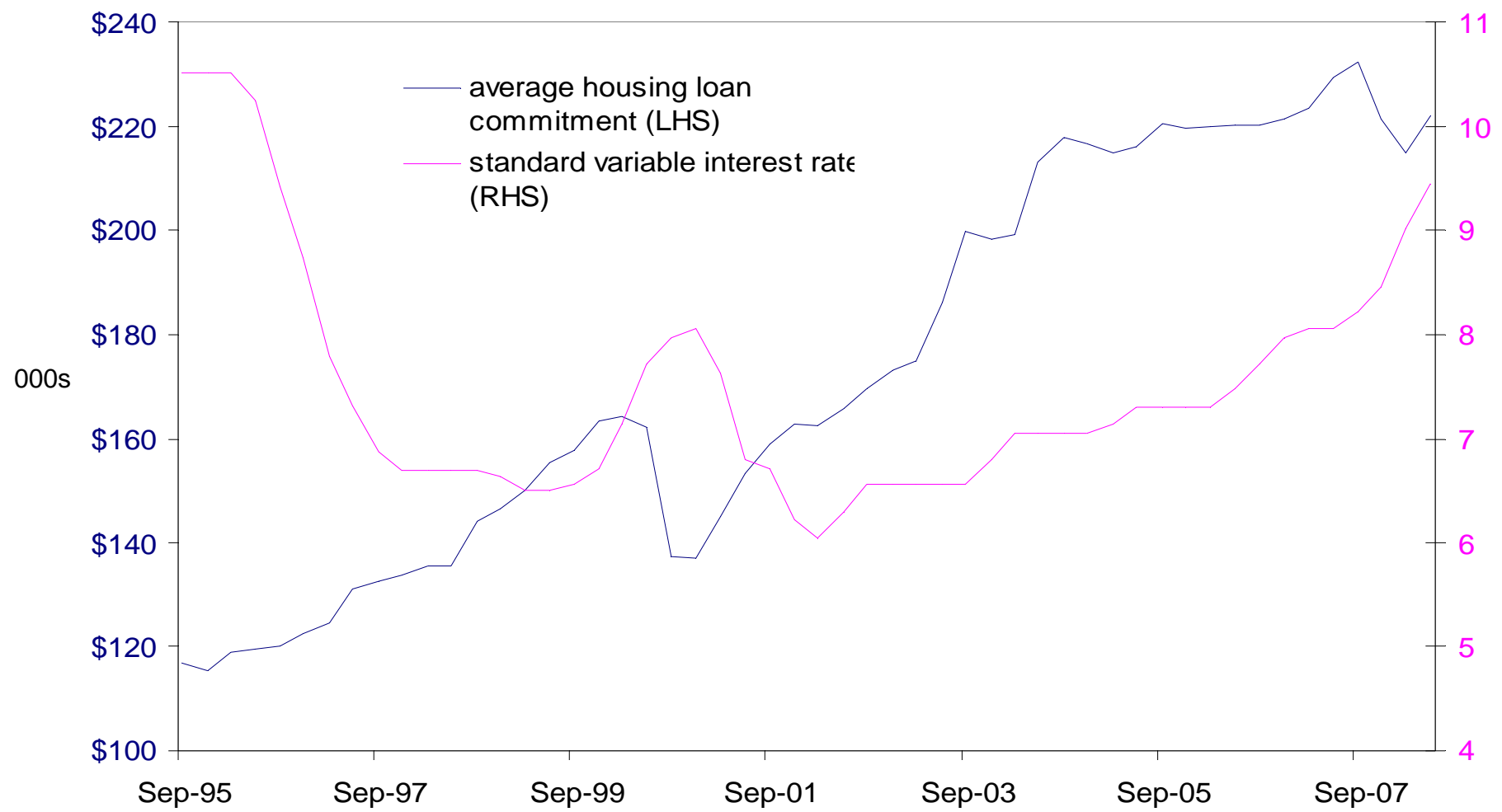


# Annual housing finance commitments to first home buyers



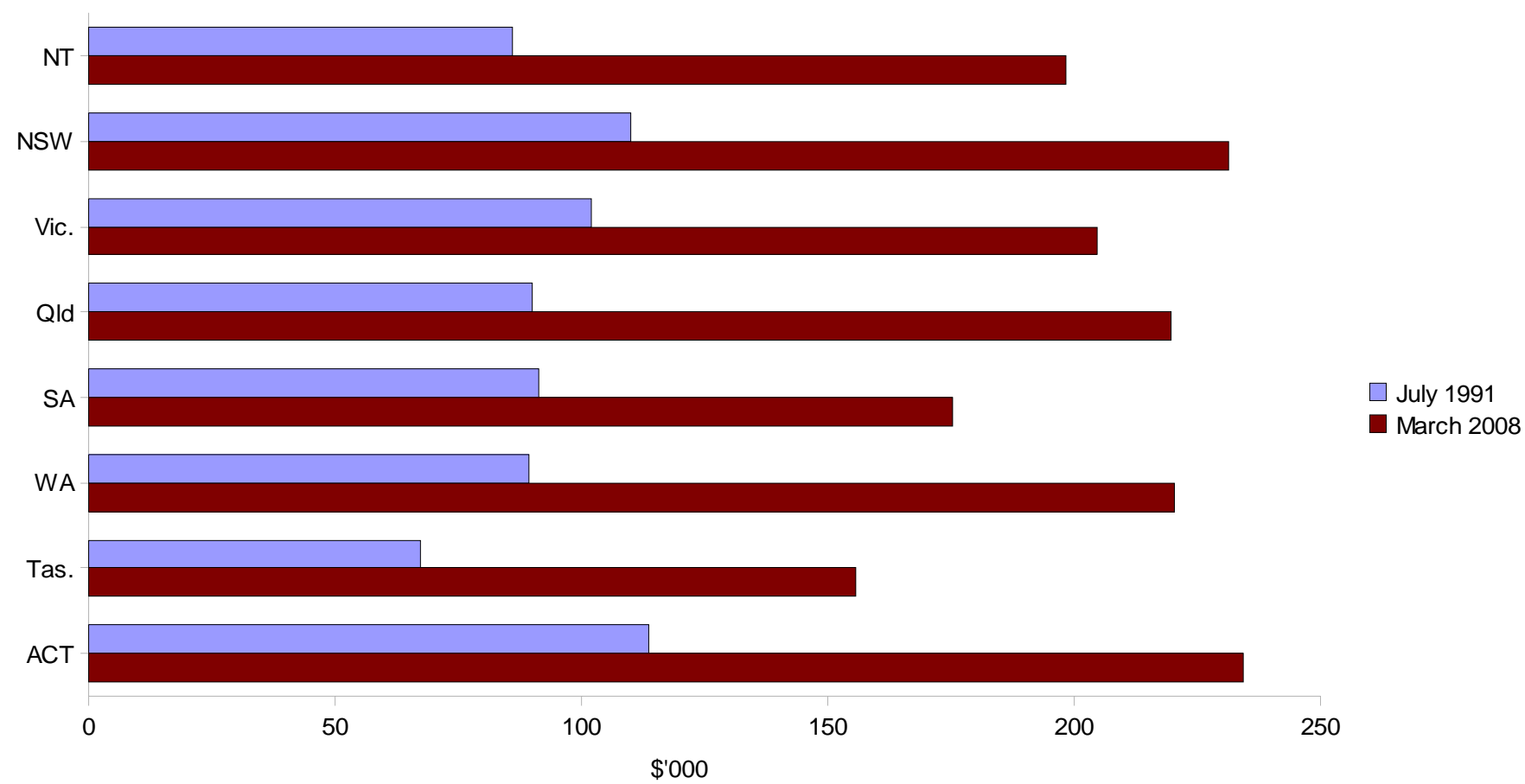
Source: Housing Finance Australia, Australia, April 2008, Australian Demographic Statistics, December Quarter 2007.

# Average real housing loan commitment to first home buyers



Source: ABS Housing finance, Australia, RBA Bulletin Statistical Tables

# Real change in the size of an average housing loan to a first home buyer



Source: Housing Finance, Australia, April 2008; Consumer Price Index, Australia, March Quarter 2008

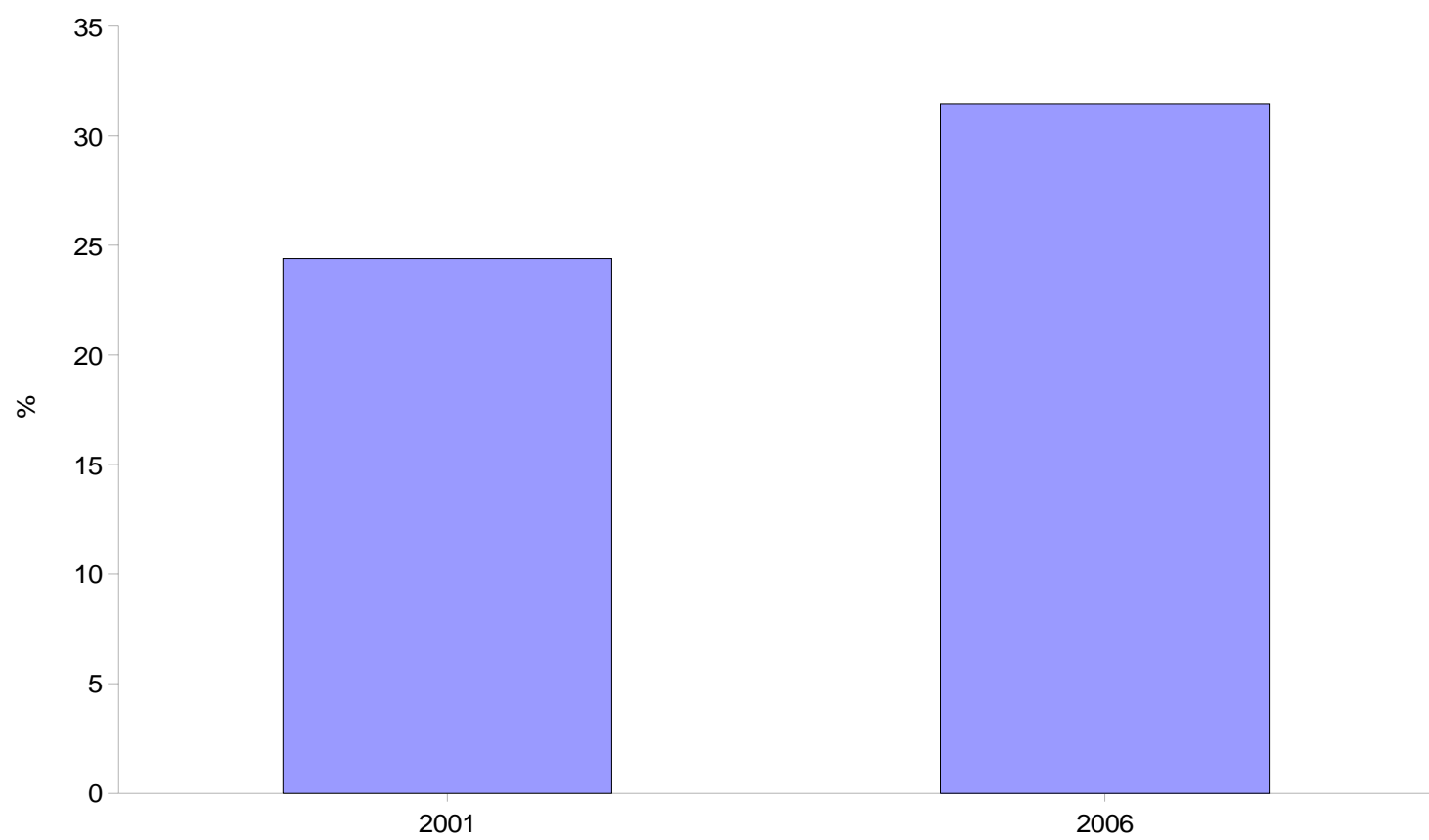


## Housing in remote Aboriginal and Torres Strait Islander Communities

In 2006, **57%**  
of Australia's remote Indigenous communities were  
located in the Northern Territory

# Need for major repairs or replacement

Permanent dwellings, remote Indigenous communities  
Northern Territory



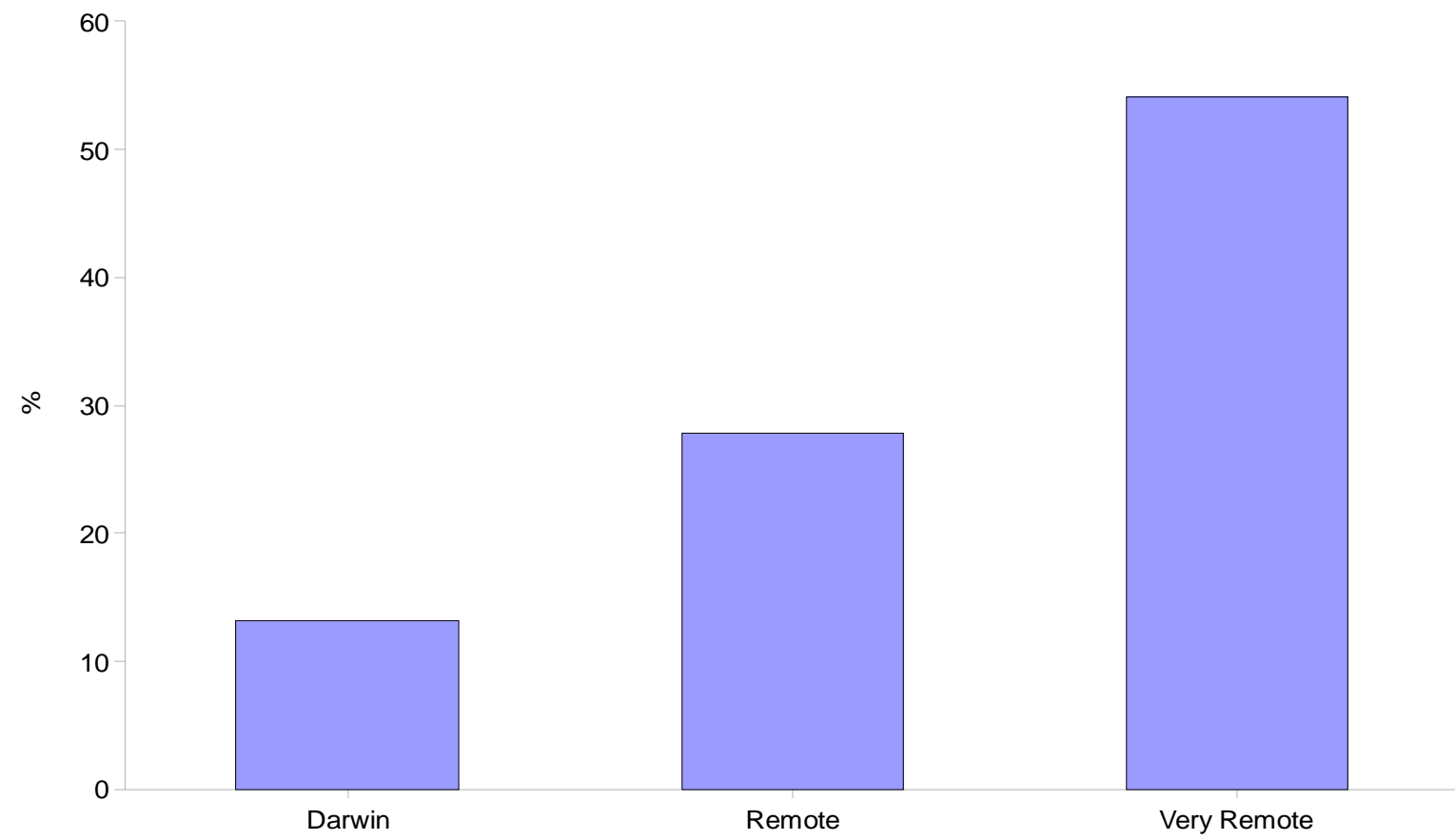
Remote Indigenous communities include Remote and Very Remote IHOs  
Source: Community Housing and Infrastructure Needs Survey

## There have been improvements in the availability and quality of infrastructure services in remote communities

In 2006, more people in remote Indigenous communities had a town supply as their main source of water....

....up from 12% in 2001 to 28% in 2006

# Overcrowding in Indigenous households 2006, Northern Territory



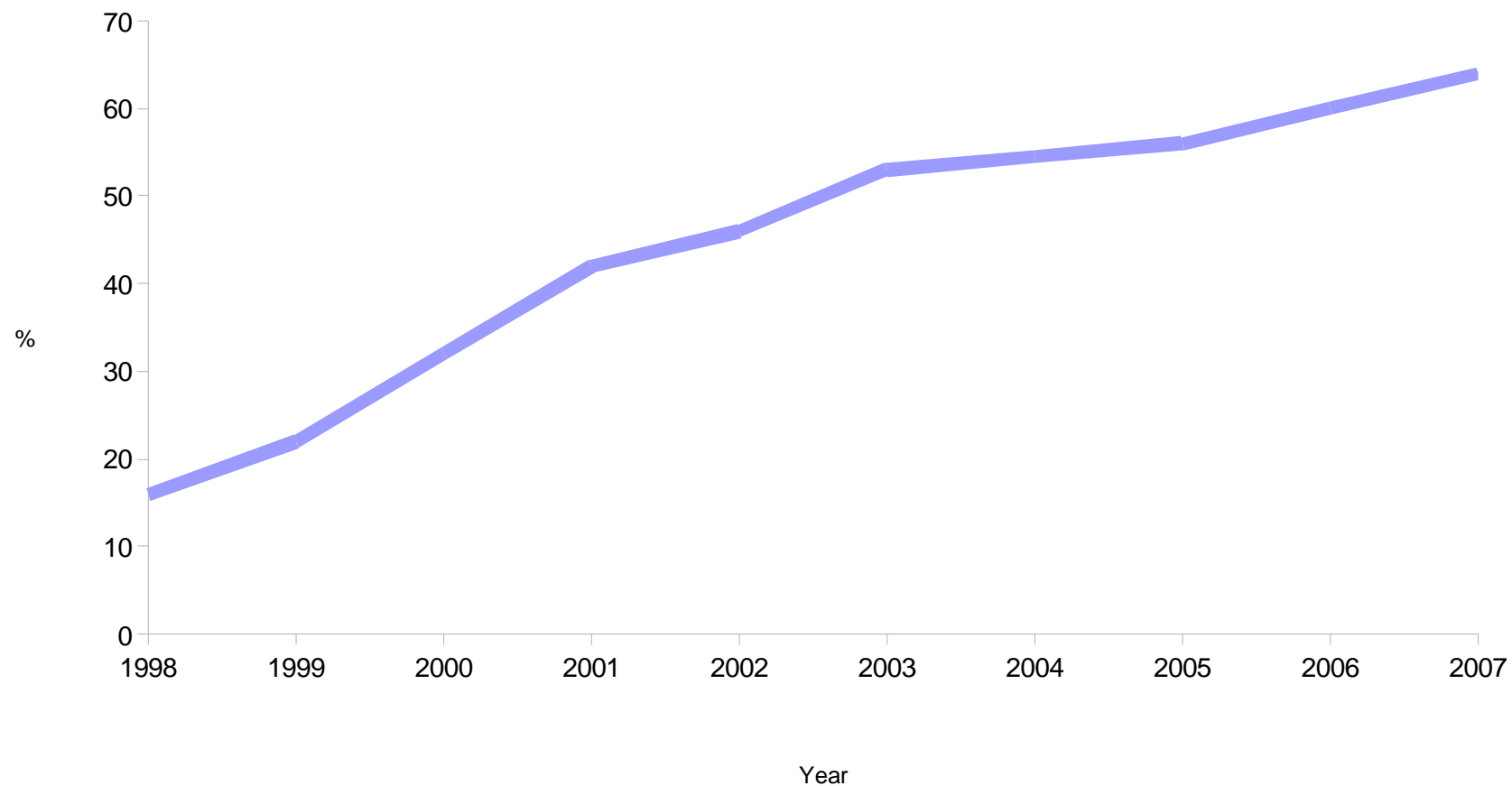
Source: Census of Population and Housing

# Other Areas of Social Concern

- Internet access at home
  - ...increase in Internet connections
  - ...types of Internet connections

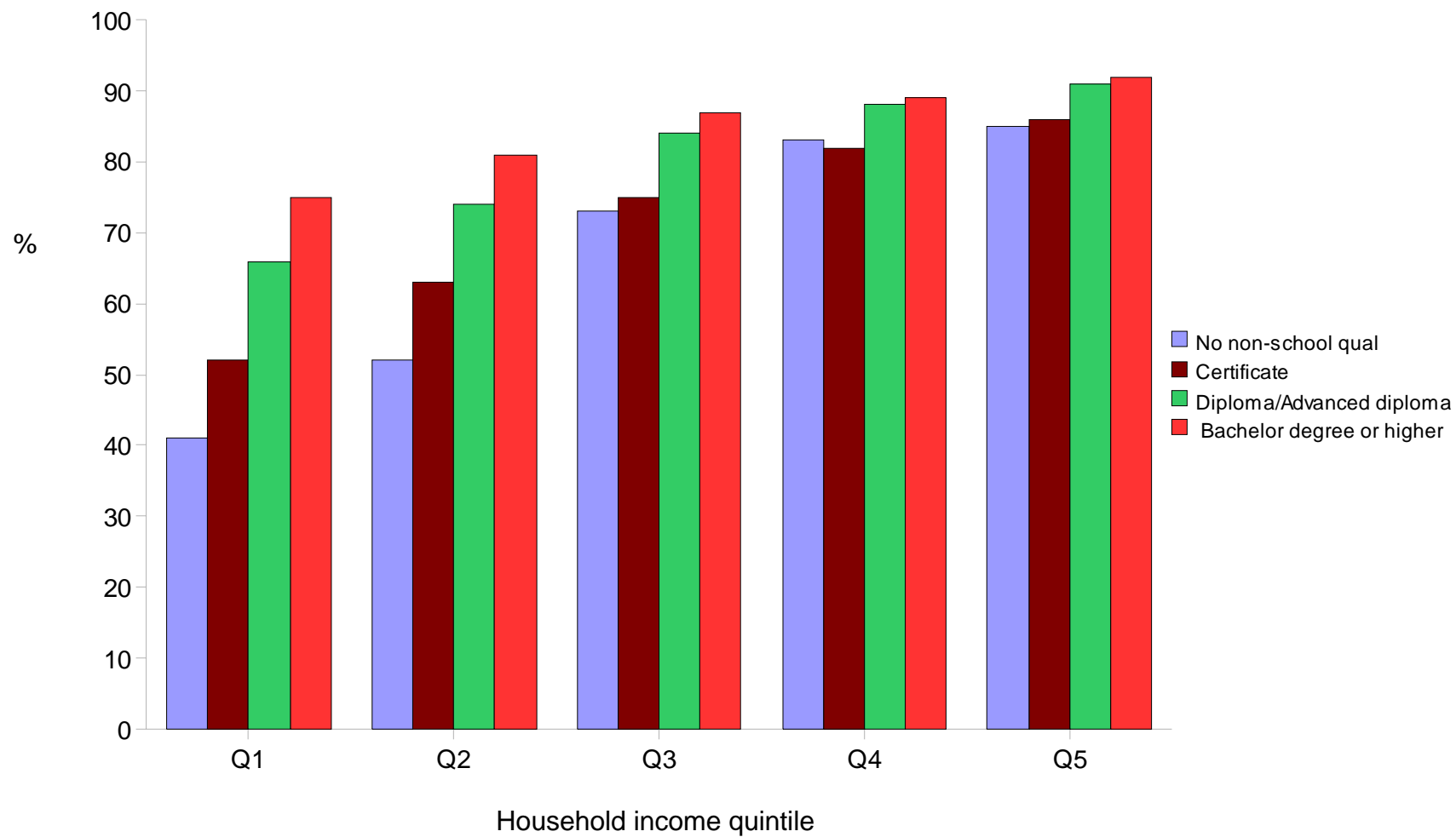


# Proportion of Australian households with access to the Internet



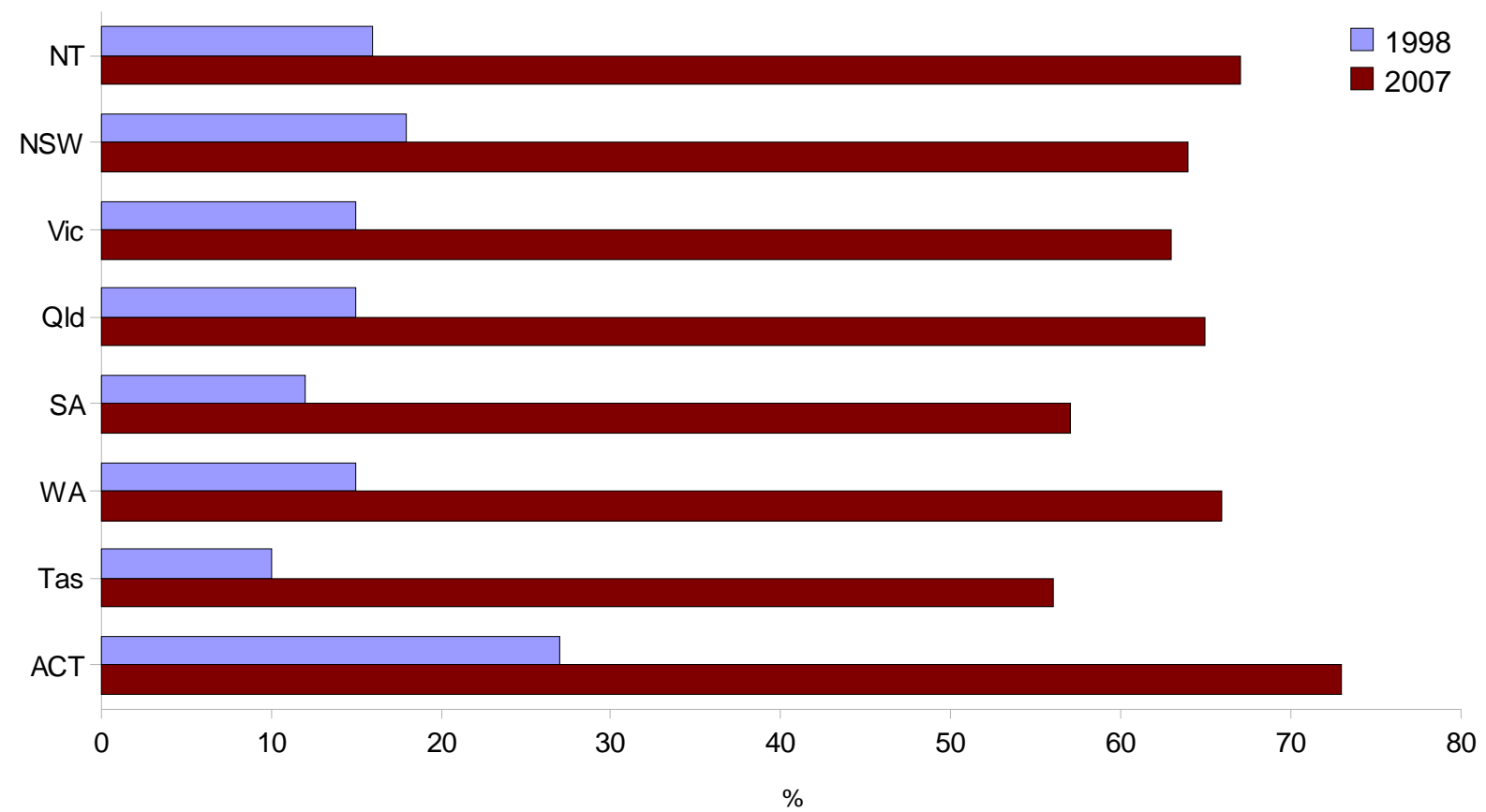
Source: Household Use of Information Technology, Australia.

# Internet use by education and income 2006



Source: 2006 Census of Population and Housing

# Proportion of households with access to the Internet: States and Territories

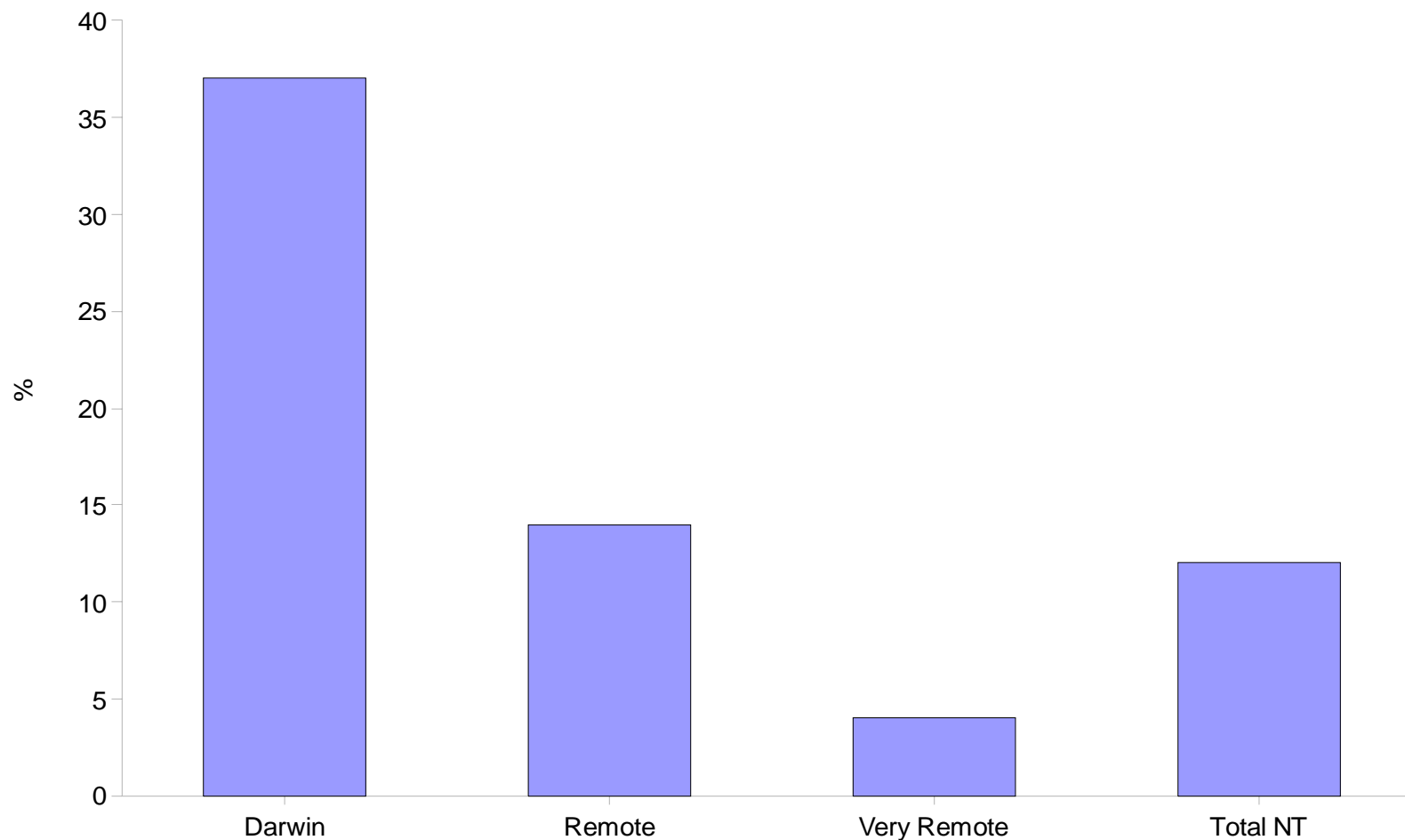


Source: Household Use of Information Technology, Australia.



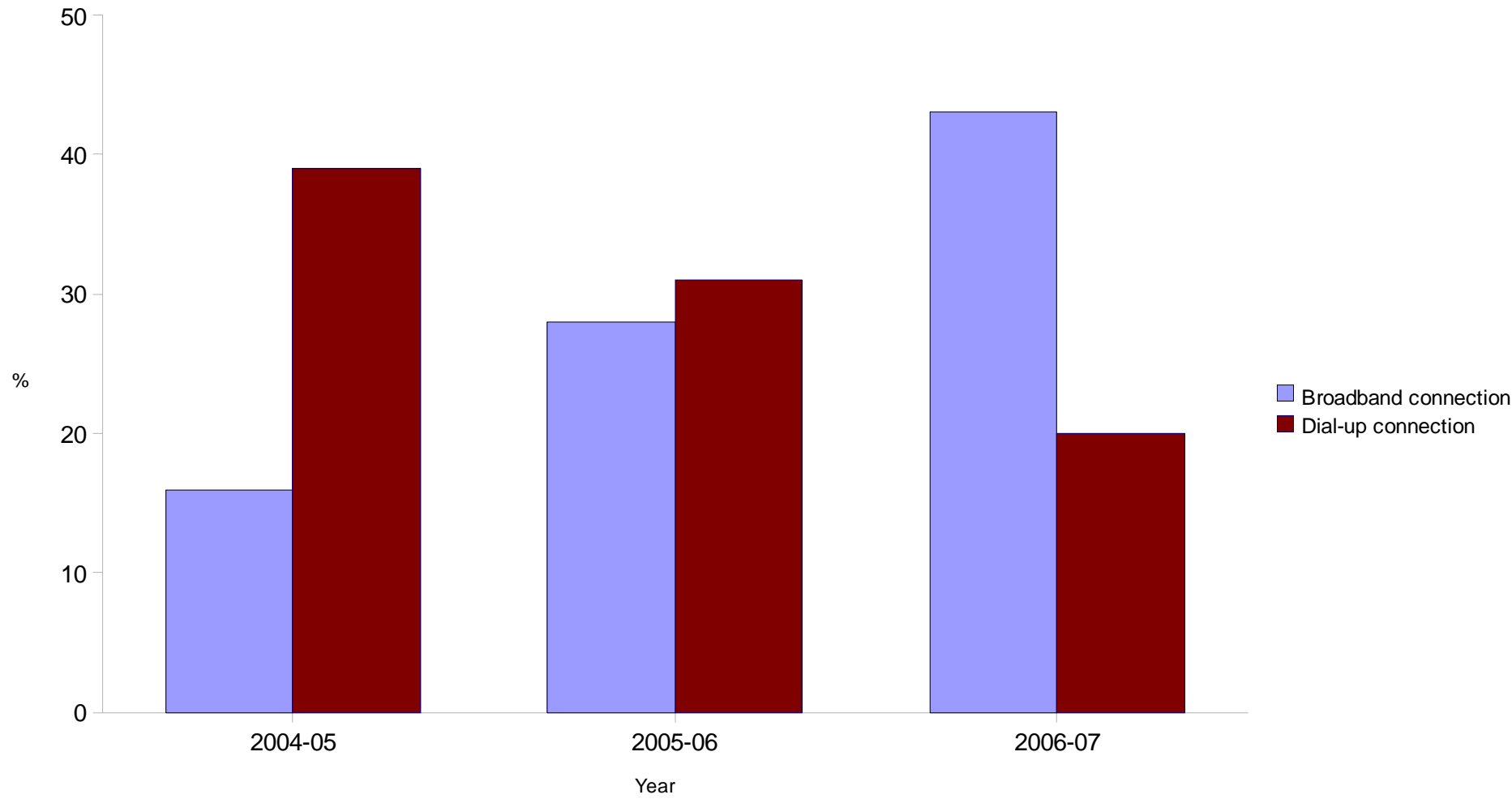
# Internet access: Northern Territory

Indigenous people, 2006



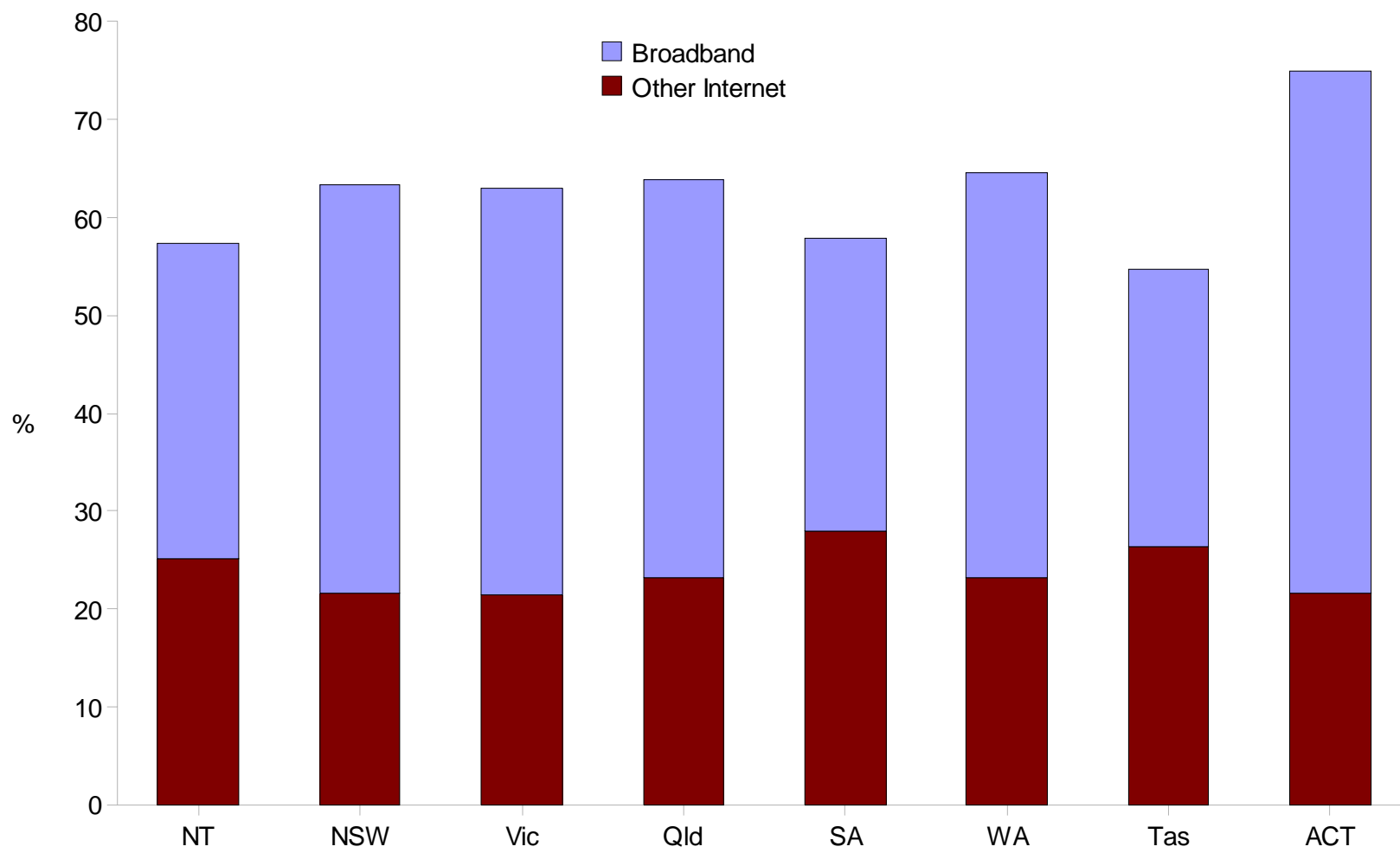
Source: 2006 Census of Population and Housing

# Proportion of Australian households with Dial-up or Broadband Internet connection



Source: Household Use of Information Technology, Australia, 2006-07.

# Type of Internet access: State and Territory, 2006



Source: ABS 2006 Census of Population and Housing.

# Coming soon...

- AST review
  - ...frequency of release
  - ...format
- AST 2009
  - ...unpaid housework
  - ...superannuation
  - ...homelessness

# What have we missed?



# Further information

- **www.abs.gov.au**  
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