



Aboriginal and Torres Strait Islander Health Performance Framework 2020

# Key health indicators Tasmania





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Please note that there is the potential for minor revisions of data in this report.

Please check the online version at www.aihw.gov.au for any amendment.

#### COVID-19 pandemic

This report includes data from before the COVID-19 pandemic. For data and information that relates to COVID-19, please see our COVID-19 resources <www.aihw.gov.au/covid-19>.

The Aboriginal and Torres Strait Islander Health Performance Framework (HPF) was developed to monitor progress towards health equity for Indigenous Australians.

The HPF brings together information about health outcomes, broader determinants of health like housing and education, health protective and risk factors, and access to health services.

This report presents key findings from the HPF for Indigenous Australians in Tasmania. This is the first time that a standalone jurisdictional report for Tasmania has been commissioned by the Australian Government Department of Health.

# Indigenous Australians in Tasmania—key findings

In 2018–19, **4 in 10** Indigenous Australians aged 15 and over in Tasmania rated their own health as **very good** or **excellent**.

The **employment rate** of Indigenous 15–64-year-olds in Tasmania remained similar at **54%** between 2014–15 and 2018–19.

In Tasmania, the proportion of Indigenous Australians aged 15 and over who were **smokers** was **39%** in 2018–19, not significantly different from 2008 (**45%**).

The rate of **health checks** for Indigenous Australians in Tasmania increased from **8.8 per 1,000** population in 2009–10 to **132 per 1,000** in 2018–19.

## Indigenous Australians in Tasmania

In 2016, according to official population estimates (ABS 2018):

- There were around 28,500 Indigenous Australians in Tasmania, 6% of the state's total population
- About 4% of Indigenous Australians lived in Tasmania
- Over 1 in 2 Indigenous Australians in Tasmania (56%) lived in Inner regional areas
- 1 in 3 Indigenous Australians in Tasmania were aged under 15.

## The Aboriginal and Torres Strait Islander HPF

The HPF is made up of 68 measures across three tiers: tier 1—health status and outcomes; tier 2—determinants of health; and tier 3—health system performance. Each measure represents a health-related concept that is explored in detail, using various indicators drawn from relevant data sources and research.

This year, for the first time, the detailed findings and data are presented together on a dedicated website, indigenoushpf.gov.au. The website includes:

- · comprehensive national, and state and territory reporting
- supplementary data tables
- · interactive data visualisations with more information for states and territories
- the measures, with updated sections on research and evaluations.

Policy developments will shape the HPF in future. At a national level, these include the National Agreement on Closing the Gap and a refresh of the National Aboriginal and Torres Strait Islander Health Plan. The refreshed Health Plan will embed the cultural determinants and social determinants of health, with a vision that Aboriginal and Torres Strait Islander peoples enjoy long, healthy lives that are centred in culture, with access to services that are prevention-focused, responsive, culturally safe and free of racism and inequity.

## Data sources

Data sources are indicated throughout this report using abbreviations. A full list of data sources and corresponding abbreviations is provided at the end of this report, along with a list of recent AIHW releases that provide more recent information from some of these data sources.

## **Data limitations**

The under-identification of Aboriginal and Torres Strait Islander people is the main limitation in most of the administrative datasets used for health reporting, particularly in some states and territories. Changes in identification over time might also affect time series analyses. Data analysis using these sources is limited to jurisdictions considered to have Indigenous identification information of adequate quality for national reporting:

- Mortality data—current and long-term data (1998 onwards) are reported for New South Wales,
  Queensland, Western Australia, South Australia and the Northern Territory.
- Hospitals data—current results are reported for all jurisdictions. For annual time series from 2004–05, data from New South Wales, Victoria, Queensland, Western Australia, South Australia, and the Northern Territory are used.

## **Technical** note

In general, differences and changes over time highlighted in this report are statistically significant—this means that statistical tests indicate a high level of confidence that these results reflect real differences or changes.

Note that 'non-remote' includes *Major cities*, *Inner regional* areas and *Outer regional* areas and 'remote' includes *Remote* areas and *Very remote* areas, as described in the Australian Statistical Geography Standard (ASGS) (ABS 2016).

## Health status and outcomes

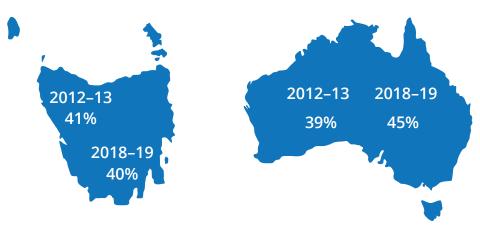
# 4 in 10 Indigenous Australians in Tasmania rate their health as very good or excellent

Information about how people rate their own health is widely used in health research. While this type of information generally tells a similar story to other measures of health—for example, reported long-term health conditions—people may rate their health as good to excellent even if they have significant health problems. How people rate their own health partly depends on their awareness of and expectations about their health and comparisons with others around them.

The concept of health is broader than physical health or illness and includes mental, social and spiritual dimensions. Culturally distinct views of health and wellbeing held by Aboriginal and Torres Strait Islander people may influence how individuals assess their own health.

In 2018–19, 40% of Aboriginal and Torres Strait Islander people aged 15 and over in Tasmania rated their health as very good or excellent, similar to the rate for 2012–13.

# Proportion of Indigenous Australians rating their own health as very good or excellent



Source: HPF Table D1.17.8—AIHW and ABS analysis of AATSIHS 2012–13 and NATSIHS 2018–19.

## Leading causes of the burden of disease

'Burden of disease' refers to the impact of disease and injury on a population. It is measured in 'years of healthy life lost', made up of years lost due to premature death (fatal disease burden) and due to living with disease or injury (non-fatal disease burden).

Jurisdiction-specific disease burden estimates are published for New South Wales, Queensland, Western Australia and the Northern Territory, but not for the other states and territories, partly due to the small numbers of Indigenous deaths (AIHW 2016).

Nationally, the leading causes of disease burden for Indigenous Australians were mental and substance use disorders, injuries, cardiovascular disease and cancer.

More information about these conditions follows.

# Indigenous Australians in Tasmania more likely than non-Indigenous Australians to have high levels of psychological distress

In 2018–19, around 3 in 10 Indigenous Australians in Tasmania had high to very high levels of psychological distress (30%, age-standardised)—a proportion that has not changed significantly since 2008—compared with 14% of non-Indigenous Australians in Tasmania (NATSISS 2008, NATSIHS 2018–19).

# Falls account for 1 in 5 hospitalisations from injury among Indigenous Australians in Tasmania

Between July 2015 and June 2017, the age-standardised hospitalisation rate from injury and poisoning among Indigenous Australians in Tasmania was 20 per 1,000 population, compared to 24 per 1,000 among non-Indigenous Australians in Tasmania. The rate among Indigenous Australians in Tasmania was lower than the rate of 50 per 1,000 among Indigenous Australians nationally.

Falls accounted for around 1 in 5 hospitalisations from injury in Tasmania between July 2015 and June 2017 (AIHW NHMD).

# Cardiovascular disease—prevalence among Indigenous Australians in Tasmania similar to national rate

Nearly 1 in 5 Indigenous Australians in Tasmania (18% or an estimated 5,000) had a heart or cardiovascular condition in 2018–19. This is a similar proportion to the prevalence of cardiovascular conditions among Indigenous Australians nationally (16%) (NATSIHS 2018–19).

# Cancer—higher prevalence among Indigenous Australians in Tasmania than nationally

Estimates based on self-reported information from the 2018–19 National Aboriginal and Torres Strait Islander Health Survey show that the prevalence of cancer in Tasmania is around 3.1% (an estimated 600 people), compared with 1.8% nationally (NATSIHS 2018–19).

The result for Tasmania is based on a small sample size—as such, it has a large margin of error and should be interpreted with caution.

### Data on cancer incidence not presented for Tasmania

The Australian Cancer Database (ACD) contains data about all new cases of cancer diagnosed in Australia since 1982, excluding certain skin cancers. Information about the incidence (number of new cases) of different types of cancer, e.g. bowel cancer and lung cancer, can be obtained by analysing data from the ACD.

Data from the ACD are not presented for South Australia, Tasmania or the Australian Capital Territory because information by Indigenous status is not of sufficient quality in these jurisdictions.

# Around 1 in 10 babies born to Indigenous mothers in Tasmania had a low birthweight

A healthy birthweight is associated with better health outcomes throughout life.

In 2017, around 1 in 10 babies born to Indigenous mothers living in Tasmania (excluding multiple births) had a low birthweight, compared to a national rate of 11% (AIHW NPDC).

For Tasmania, the number and proportion of mothers recorded as Aboriginal and Torres Strait Islander in the perinatal data collection is considered too variable over time for trend analysis, mainly because of small population size and some issues with data quality over the reporting period (AIHW: Leeds et al. 2007).

## **Determinants of health**

Cultural factors—country and caring for country, knowledge and beliefs, language, self-determination, family and kinship, and cultural expression—can be protective, and positively influence Aboriginal and Torres Strait Islander people's health and wellbeing (Bourke et al. 2018). For more information on these cultural factors refer to Community Functioning measure on the Aboriginal and Torres Strait Islander Health Performance Framework website.

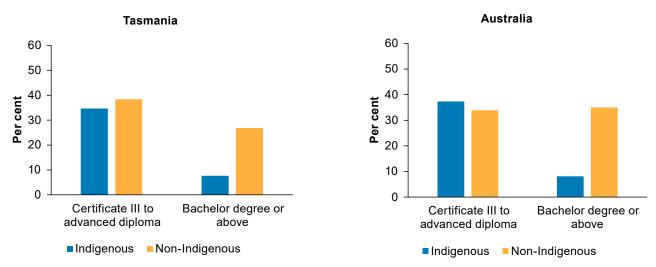
A new study—the *Mayi Kuwayu Study of Aboriginal and Torres Strait Islander Wellbeing*—aims to provide more evidence of how culture is related to Aboriginal and Torres Strait Islander people's health and wellbeing (ANU 2020).

A large part of the disparity in health outcomes between Indigenous Australians and non-Indigenous Australians is explained by disparities in social determinants, in particular income, employment and education (AIHW 2018).

## About 4 in 10 Indigenous Australians in Tasmania have a certificate III or higher

In 2018–19, around 4 in 10 (41%) Indigenous Australians in Tasmania aged 20–64 had a certificate III level qualification or above as their highest educational qualification. Around 35% had a certificate III–advanced diploma as their highest qualification, while 8% had a bachelor degree or above.

### Highest educational qualification among those aged 20-64, 2017-19



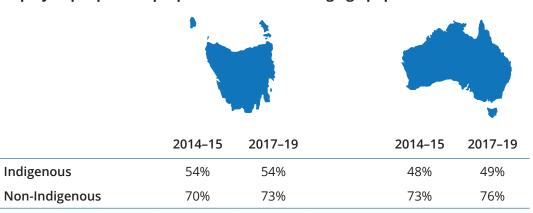
Source: HPF Table D2.06.11—AIHW and ABS analysis of NATSIHS 2018-19 and NHS 2017-18.

## No change in the employment rate among Indigenous Australians in Tasmania

In 2018–19, around 54% of Indigenous Australians in Tasmania aged 15–64 were employed, compared with 73% of non-Indigenous Australians. Nationally, 49% of Indigenous Australians aged 15–64 were employed.

The employment rate did not change significantly between 2014–15 and 2017–19 for Indigenous Australians living in Tasmania. Nationally, the employment rate for Indigenous Australians changed little over this period, while for non-Indigenous Australians there was a small increase.

### Employed people as a proportion of the working age population



Source: HPF Table D2.07.5—AIHW and ABS analysis of NATSIS 2018–19 and NHS 2017–18.

Compared with employed people, those who lack employment are more likely to experience high or very high levels of psychological distress (NATSIHS 2018–19).

Among Indigenous Australians nationally in 2018–19:

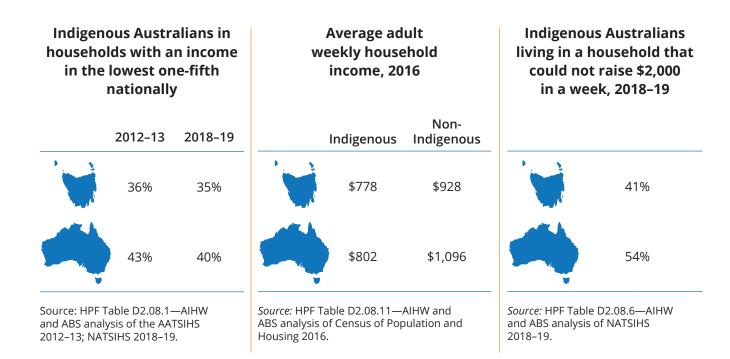
- 2 in 10 who were employed reported high or very high levels of psychological distress
- 4 in 10 who were not employed reported high or very high levels of psychological distress.

## Over 1 in 3 Indigenous adults in Tasmania live in low income households

In 2018–19, 35% of Indigenous adults in Tasmania were living in a household with an income in the lowest 20% nationally (this is based on equivalised household income, a measure that is adjusted to better compare households of different types and sizes). This proportion remained similar between 2012–13 and 2018–19. Indigenous Australians in Tasmania continue to be highly over-represented in lower-income households.

In 2016, the average weekly income for Indigenous adults living in the Tasmania was \$778, lower than the average for non-Indigenous adults of \$928.

In 2018–19, 41% of Indigenous Australians living in Tasmania could not raise \$2,000 in a week. This proportion is lower than that among Indigenous Australians nationally (54%).



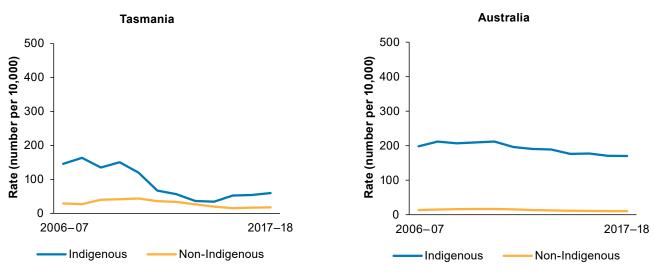
## Little change in overcrowding among Indigenous Australians in Tasmania

Around 11% of Indigenous Australians in Tasmania were living in overcrowded households in 2018–19, compared with 12% in 2008 (NATSISS 2008, NATSIHS 2018–19).

# Decrease in rate of youth justice supervision, increase in adult imprisonment rate among Indigenous Australians in Tasmania

The rate of Indigenous Australians under youth justice supervision in Tasmania decreased from 2006–07 to 2017–18.

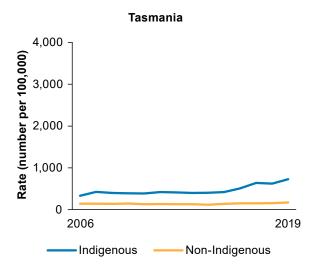
### Youth justice supervision rates on an average day, people aged 10-17, 2006-07 to 2017-18

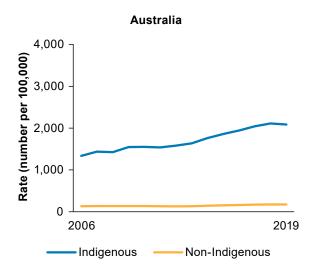


Source: HPF Table D2.11.1—AIHW || NMDS 2000-01 to 2017-18.

The age-standardised adult imprisonment rate among Indigenous Australians in Tasmania has increased since 2006.

## Adult imprisonment rates (age-standardised), 2006-2019





Source: HPF Table D2.11.12—ABS 2019.

## Health risk factors

Nationally, the three most important health risk factors contributing to the burden of disease for Indigenous Australians have been identified as:

- **Smoking**—accounts for **12%** of disease burden nationally, and is a significant risk factor for cancer, cardiovascular disease and respiratory disease
- **Drinking alcohol**—accounts for **8%** of disease burden nationally, and is a significant risk factor for mental health and substance use disorders, and injuries
- **Being overweight or obese**—accounts for **8%** of disease burden nationally, and is a significant risk factor for diabetes, kidney diseases, and cardiovascular disease (AIHW 2016).

### Health risk factor trends—Indigenous Australians in Tasmania and Australia

	2008	2018-19
No significant change in proportion of current smokers aged 15 and over—Tasmania	45%	39%
Decrease in proportion of current smokers aged 15 and over—Australia	47%	41%
	2012-13	2018-19
No significant change in proportion of adults drinking alcohol at a risky level on a single occasion—Tasmania	56%	49%
Decrease in proportion of adults drinking alcohol at a risky level on a single occasion—Australia	53%	50%
	2012-13	2018-19
Increase in proportion of people aged 15 and over who were overweight or obese—Tasmania	63%	76%
Increase in proportion of people aged 15 and over who were overweight or obese—Australia	66%	71%

Sources: HPF Tables D2.15.1, D2.16.7—AIHW and ABS analysis of NATSISS 2008, AATSIHS 2012–13, and NATSIHS 2018–19.

# How well is the health system performing?

# More than 8 in 10 Indigenous mothers in Tasmania accessed antenatal care in first trimester

In Tasmania in 2017, 85% of Indigenous mothers accessed antenatal care in the first trimester of pregnancy, a higher proportion than among Indigenous mothers nationally (64%). These results are not age-standardised due to small numbers in some age-groups in Tasmania (NPDC).

## Almost all Indigenous children in Tasmania are fully immunised at 5 years

Children are considered fully immunised at 5 years of age when they have been vaccinated against diphtheria, tetanus, pertussis (whooping cough) and polio.

Nationally, the rate of Indigenous children fully immunised at 5 years of age increased significantly from 77% in 2008 to 97% in 2018.

In 2018, 96% of Indigenous children in Tasmania were fully immunised at 5 years of age.

### Children fully immunised at 5 years of age, 2018



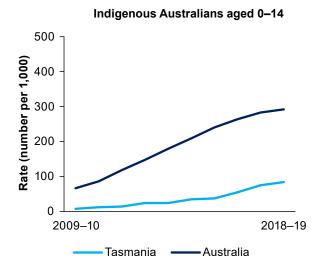
(a) Includes children whose Indigenous status was not determined. *Source*: HPF Table D3.02.4—AIHW analysis of the AIR.

## Strong increases in rates of Indigenous-specific health checks in Tasmania

The first Indigenous-specific health check, for those aged 55 and over, was introduced in 1999 and health checks for Aboriginal and Torres Strait Islander people of all ages were in place from May 2006. In May 2010, the frequency of health checks was standardised so that Aboriginal and Torres Strait Islander people of all ages were able to have a health check every year (AIHW 2017).

Nationally, the rate of Indigenous Australians accessing these health checks rose almost fourfold across all age groups between 2009–10 and 2018–19. Among Indigenous Australians in Tasmania, the rate of health checks increased from 8.8 per 1,000 population in 2009–10 to 132 per 1,000 in 2018–19.

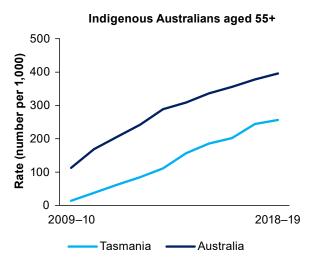
### Indigenous-specific health checks, 2009-10 to 2018-19



# 

Australia

Tasmania

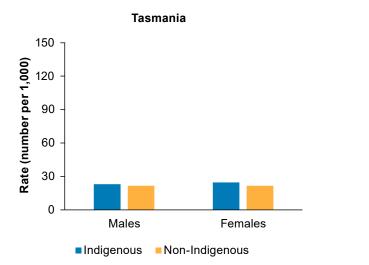


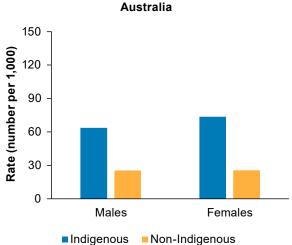
Sources: HPF Tables D3.04.5, D3.04.6, D3.04.7—AIHW analysis of DoH MBS.

# The rate of preventable hospitalisations among Indigenous Australians in Tasmania lower than among Indigenous Australians nationally

Between July 2015 and June 2017, the rate of potentially preventable hospitalisations of Indigenous Australians in Tasmania was 24 per 1,000 population, compared with 22 per 1,000 among non-Indigenous Australians in Tasmania. Nationally, the age-standardised rate of potentially preventable hospitalisations among Indigenous Australians was 69 per 1,000, compared with 26 per 1,000 among non-Indigenous Australians.

### Potentially preventable hospitalisations (age-standardised), July 2015 to June 2017





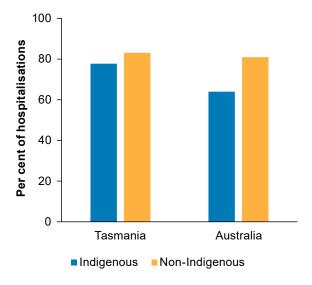
*Note:* Information for Tasmania is age-standardised using 5 year age groups to 65+, while information for Australia is age-standardised using 5 year age groups to 75+.

Sources: HPF Tables D3.07.2, D3.07.5—AIHW analysis of NHMD.

# Indigenous hospital patients in Tasmania more likely than those living elsewhere to have a procedure recorded

In Tasmania, 78% of Indigenous hospital patients had a hospital procedure, compared with 64% among Indigenous Australians nationally.

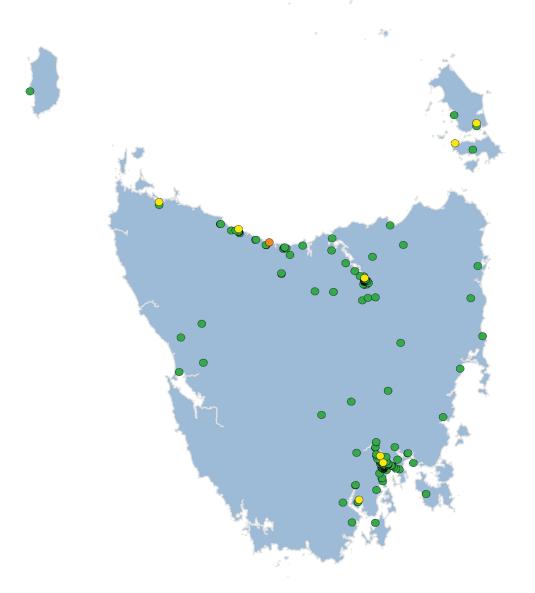
### Hospital patients who had a procedure recorded, July 2015 to June 2017



Source: HPF Table D3.06.1—AIHW analysis of NHMD.

### Locations of primary health care services in Tasmania

Drawing on information from the AIHW's Online Service Report (OSR), the following map shows locations of Indigenous-specific primary health care services. These services include Aboriginal Community Controlled Health organisations and other primary health care services funded by the Department of Health to provide health services to Indigenous Australians. The map also shows locations of GP and Nurse Led Clinics listed in the National Health Services Directory (NHSD). These locations can be either Indigenous-specific or mainstream. Because some services are listed in more than one data source, the symbols have been shifted slightly to display all service categories represented at each location.



#### Primary health care services (including outreach)

- Aboriginal and Torres Strait Islander community-controlled (OSR 2017–18)
- Indigenous-specific Government and not-for-profit (OSR 2017–18)
- NHSD-listed primary health care services (NHSD 2020)

Sources: Online Services Report (2017-18); National Health Services Directory (downloaded 28 September 2020).

# Cost, and being too busy, are top barriers to health care access for Indigenous Australians in Tasmania

In 2018–19, more than 1 in 3 Indigenous Australians in Tasmania (37%) did not go to a health provider when they needed to.

# Most common reasons Indigenous Australians did not see a health care provider when needed, 2018–19

Cost	45%	34%
Too busy	38%	36%
Dislikes service/health professional, embarrassed, afraid	32%	23%
Decided not to seek care	29%	28%

*Note:* In previous 12 months. More than one reason could be given.

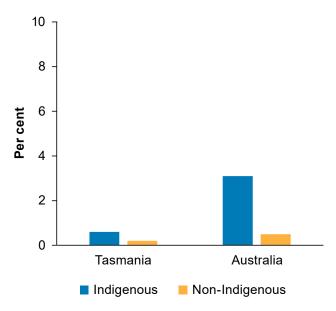
Source: HPF Table D3.08.4—AIHW and ABS analysis of NATSIHS 2018–19.

# Taking own leave from hospital—higher rate among Indigenous Australians than non-Indigenous Australians in Tasmania

People taking their own leave from hospital after being admitted—choosing to leave before starting treatment, or leaving hospital before completing treatment—provides indirect evidence of how well hospital services are meeting patients' needs.

From July 2015 to June 2017, Indigenous Australians in Tasmania took their own leave from hospital at 2.8 times the rate (age-standardised) of non-Indigenous Australians.

### People taking own leave from hospital (age-standardised), July 2015 to June 2017

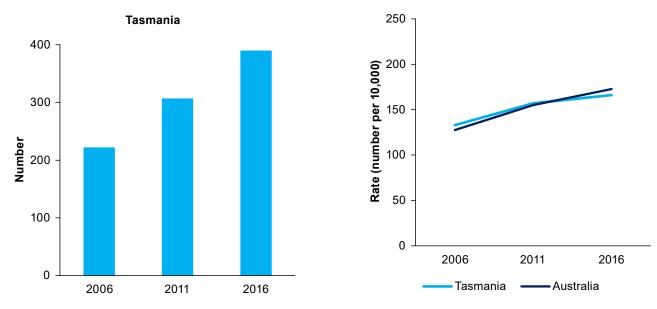


Source: HPF Table D3.09.3—AIHW analysis of NHMD.

## The number of Indigenous Australians in the health workforce has increased

In Tasmania, the number of Indigenous Australians in the health workforce increased from 222 in 2006 to 390 in 2016. The rate per 10,000 population increased from 133 to 166 between 2006 and 2016.

### Indigenous Australians in the health workforce, 2006–2016



Source: HPF Table D3.12.13—ABS and AIHW analysis of 2006, 2011 and 2016 Census data.

## More information

### Website

Aboriginal and Torres Strait Islander Health Performance Framework information is now available on **indigenoushpf.gov.au**. This includes interactive data visualisations with more information for states and territories.

## National summary report

Aboriginal and Torres Strait Islander Health Performance Framework 2020 summary report.

## State and territory key health indicator reports

Aboriginal and Torres Strait Islander Health Performance Framework 2020 key health indicators—New South Wales

Aboriginal and Torres Strait Islander Health Performance Framework 2020 key health indicators—Queensland

Aboriginal and Torres Strait Islander Health Performance Framework 2020 key health indicators—Western Australia

Aboriginal and Torres Strait Islander Health Performance Framework 2020 key health indicators—South Australia

Aboriginal and Torres Strait Islander Health Performance Framework 2020 key health indicators—Tasmania

Aboriginal and Torres Strait Islander Health Performance Framework 2020 key health indicators—Australian Capital Territory

Aboriginal and Torres Strait Islander Health Performance Framework 2020 key health indicators—Northern Territory

## Supplementary data tables

For data used in this report see Data tables: Aboriginal and Torres Strait Islander Health Performance Framework 2020 summary report.

### Data sources

Information presented in the state and territory key health indicator reports comes from the following data sources. Note, data is not presented from all of these data sources in all state and territory reports.

- Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS) 2012–13
- Australian Bureau of Statistics Causes of Death Collection (CoD)
- Australian Cancer Database (ACD)
- Australian Immunisation Register (AIR)
- · Census of Population and Housing
- Department of Health Medicare Claims data (DoH MBS)
- Juvenile Justice National Minimum Dataset (JJ NMDS)
- Life tables for Aboriginal and Torres Strait Islander Australians, 2015–2017
- National Aboriginal and Torres Strait Islander Health Survey (NATSIHS) 2018–19
- National Aboriginal and Torres Strait Islander Social Survey (NATSISS) 2008 & 2014–15
- National Health Services Directory (NHSD) 2020
- National Health Survey (NHS) 2017–18
- National Hospital Morbidity Database (NHMD)
- · National Perinatal Data Collection (NPDC)
- Online Services Report (OSR) 2017-18
- Royal Flying Doctor Service (RFDS) 2019.

## Recent releases

Since data were compiled for the Aboriginal and Torres Strait Islander HPF, AIHW has released more recent information on some topics in this report. These include:

Perinatal data—Australia's mothers and babies data visualisations, available at https://www.aihw.gov.au/reports/mothers-babies/australias-mothers-babies-data-visualisations/contents/focus-groups/indigenous-mothers

Youth justice—*Youth Justice in Australia 2018–19*, available at https://www.aihw.gov.au/reports/youth-justice/youth-justice-in-australia-2018-19/contents/summary

Potentially preventable hospitalisations—Disparities in potentially preventable hospitalisations across Australia: Exploring the data, available at https://www.aihw.gov.au/reports/primary-health-care/disparities-in-potentially-preventable-hospitalisations-exploring-the-data/contents/exploring-the-potentially-preventable-hospitalisations-data

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AlHW (Australian Institute of Health and Welfare) 2016. Australian Burden of Disease Study: Impact and causes of illness and death in Aboriginal and Torres Strait Islander people 2011. Australian Burden of Disease Study series no. 6. Cat. no. BOD 7. Canberra: AlHW.

AIHW 2017. Indigenous health check (MBS 715) data tool. Cat. no. WEB 125. Canberra: AIHW.

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AlHW: Leeds KL, Gourley M, Laws PJ, Zhang J, Al-Yaman F & Sullivan EA 2007. Indigenous mothers and their babies, Australia 2001–2004. AlHW cat. no. PER 38. Perinatal statistics series no. 19. Canberra: AlHW.

ANU (Australian National University) 2020. About Mayi Kuwaya. Canberra: ANU. Viewed 31 July 2020. mkstudy.com.au/about-mayi-kuwayu/.

Bourke S, Wright A, Guthrie J, Russell L, Dunbar T & Lovett R 2018. Evidence review of Indigenous culture for health and wellbeing. International Journal of Health, Wellness & Society. 2018 Oct 1;8(4).

This key health indicator report presents a selection of key findings on how Aboriginal and Torres Strait Islander people in Tasmania are faring, according to various measures of health status and outcomes, determinants of health and health system performance. Indicators are based on the Aboriginal and Torres Strait Islander Health Performance Framework 2020. Detailed national and state and territory information, including supplementary data tables and interactive data visualisations, are presented on a dedicated website, indigenoushpf.gov.au.



