

# *Summary of Aboriginal and Torres Strait Islander health status - selected topics 2024*



Core funding is provided by the Australian Government Department of Health and Aged Care



## Australian Indigenous HealthInfoNet

The mandate of the Australian Indigenous HealthInfoNet (HealthInfoNet) is to contribute to improvements in Aboriginal and Torres Strait Islander health by making relevant, high quality knowledge and information easily accessible to policy makers, health service providers, program managers, clinicians and other health professionals (including Aboriginal and Torres Strait Islander Health Workers and Health Practitioners) and researchers. The HealthInfoNet also provides easy-to-read and summarised material for students and the general community.

The HealthInfoNet achieves its commitment by undertaking research into various aspects of Aboriginal and Torres Strait Islander health and disseminating the results (and other relevant knowledge and information) mainly via HealthInfoNet websites (<https://healthinfonet.ecu.edu.au>), the Alcohol and Other Drugs Knowledge Centre (<https://aodknowledgecentre.ecu.edu.au>), Tackling Indigenous Smoking (<https://tacklingsmoking.org.au>) and WellMob (<https://wellmob.org.au>). The research involves analysis and synthesis of data and other information obtained from academic, professional, government and other sources. The HealthInfoNet's work in knowledge exchange aims to facilitate the transfer of pure and applied research into policy and practice to address the needs of a wide range of users.

### Recognition statement

The HealthInfoNet recognises and acknowledges the sovereignty of Aboriginal and Torres Strait Islander people as the original custodians of the country. Aboriginal and Torres Strait Islander cultures are persistent and enduring, continuing unbroken from the past to the present, characterised by resilience and a strong sense of purpose and identity despite the undeniably negative impacts of colonisation and dispossession. Aboriginal and Torres Strait Islander people throughout the country represent a diverse range of people, communities and groups, each with unique identities, cultural practices and spiritualities. We recognise that the current health status of Aboriginal and Torres Strait Islander people has been significantly impacted by past and present practices and policies.

We acknowledge and pay our deepest respects to Elders past, present and emerging throughout the country. In particular, we pay our respects to the Whadjuk Noongar peoples of Western Australia on whose Country our offices are located (<https://healthinfonet.ecu.edu.au/acknowledging-country>).

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# **Summary of Aboriginal and Torres Strait Islander health status - selected topics 2024**

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### **Further information**

This *Summary* is based on our more comprehensive publication the *Overview of Aboriginal and Torres Strait Islander health status 2024 (Overview)*. The *Summary* does not cover all of the health topics found in the *Overview*, only those which receive specific funding through the HealthInfoNet funding partners. The *Overview* and *Summary* are produced annually and can be found at: [healthinonet.ecu.edu.au/summaries](https://healthinonet.ecu.edu.au/summaries) and [healthinonet.ecu.edu.au/overviews](https://healthinonet.ecu.edu.au/overviews).

### **Acknowledgements**

Special thanks are extended to staff at the Australian Indigenous HealthInfoNet for their assistance and support, and to the Australian Government Department of Health and Aged Care and other funding partners for their ongoing support of the work of the Australian Indigenous HealthInfoNet.

### ***Tell us what you think***

We value your feedback as part of our post-publication peer review process. Please let us know if you have any suggestions for improving this *Summary*:

<https://healthinonet.ecu.edu.au/contact-us>



### Cover artwork

#### **Bibdjool by Donna Lei Rioli**

Donna Lei Rioli, a Western Australian Indigenous artist, was commissioned by the HealthInfoNet to create a logo incorporating a gecko, chosen as it is one of a few animals that are found across the great diversity of Australia.

Donna is a Tiwi/Noongar woman who is dedicated to the heritage and culture of the Tiwi people on her father's side, Maurice Rioli, and the Noongar people on her mother's side, Robyn Collard. Donna enjoys painting because it enables her to express her Tiwi and Noongar heritage and she combines the two in a unique way.

Donna interpreted the brief with great awareness and conveyed an integrated work that focuses symbolically on the pathway through life. This is very relevant to the work and focus of the HealthInfoNet in contributing to improving the health and wellbeing of Aboriginal and Torres Strait Islander people.

#### **Featured icon artwork by Frances Belle Parker**

The HealthInfoNet commissioned Frances Belle Parker, a proud Yaegl woman, mother and artist, to produce a suite of illustrated icons for use in our knowledge exchange products. Frances translates biomedical and statistically based information into culturally sensitive visual representations, to provide support to the Aboriginal and Torres Strait Islander workforce and those participating in research and working with Aboriginal and Torres Strait Islander people and their communities. Frances came to prominence winning the Blake Prize in 2000, making her the youngest winner and the first Indigenous recipient over the 65 year history of the prize.

*“Biirrinba is the Yaygirr name for the mighty Clarence River (NSW). It is this river that is the life giving vein for the Yaegl people. And it is this river which inspires much of my artwork. I am deeply inspired by my Mother’s land (Yaegl land) and the Island in the Clarence River that my Mother grew up on, Ulgundahi Island. The stories which are contained within this landscape have shaped me as a person, as an artist and most recently as a Mother. This is my history, my story and it will always... be my responsibility to share this knowledge with my family and my children.”*



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# Introduction

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Aboriginal and Torres Strait Islander peoples have been, for millennia, a diverse mix of peoples, groups and nations <sup>[1, 2]</sup>. Settler-colonialism is now recognised as a ‘traumatic disruption’ to the way of life prior to colonisation when Aboriginal and Torres Strait Islander people lived relatively healthy lives <sup>[1, p.40]</sup>. This disruption is exemplified in the proportion of Aboriginal and Torres Strait Islander people who now speak languages, which has decreased markedly <sup>[2]</sup> and there has been ‘irreparable’ damage to ways of life and ‘irreplaceable’ loss of wisdom <sup>[1, p.40-41]</sup>. Nevertheless, Aboriginal and Torres Strait Islander people continue to reclaim and practice some of the world’s most enduring and persistent cultures <sup>[1-3]</sup>.


Aboriginal and Torres Strait Islander people have a ‘whole of life’ view of health that incorporates the total wellbeing of the community and not just the individual <sup>[4]</sup>.

Both social and cultural factors can have a profound impact on the health of Aboriginal and Torres Strait Islander people <sup>[3, 5-8]</sup>. It is evident that the impacts of settler-colonialism (including oppression; exploitation; marginalisation; separation from culture, land and family; intergenerational trauma; racism; and poverty) have had negative impacts on health and wellbeing for many Aboriginal and Torres Strait Islander people <sup>[1-3]</sup>. Focusing less on the deficit narratives promoted by the way these indicators are framed and more on the positive affirming impacts of cultural determinants, the narrative can shift more towards strengths based understandings of Aboriginal and Torres Strait Islander health <sup>[5, 8]</sup>.

Factors such as family and community; connection to Country and place; language; cultural identity, as well as self-determination have all been identified as having a positive impact on the health and wellbeing of Aboriginal and Torres Strait Islander people <sup>[5]</sup>.

The HealthInfoNet continues to develop its capacity to accurately and authentically represent the data and statistics that impact Aboriginal and Torres Strait Islander people and communities. Included in this year’s *Overview* is a statement on how the principles of Aboriginal and Torres Strait Islander Data Sovereignty have been embedded in the *Overview* on which this *Summary of Aboriginal and Torres Strait Islander health status – selected topics (Summary)* is based.

The HealthInfoNet has prepared this *Summary* as part of our contribution to support those who work in the Aboriginal and Torres Strait Islander health sector. Key health topics are summarised in plain language and an infographic style to enable readers to absorb data easily and quickly. It aims to deliver the most important and up-to-date information about Aboriginal and Torres Strait Islander health.



The accuracy of the identification of Aboriginal and Torres Strait Islander people in health data collections varies across the country. Information about hospitalisations is considered to be accurate for all jurisdictions: New South Wales (NSW), Victoria (Vic), Queensland (Qld), Western Australia (WA), South Australia (SA), Tasmania (Tas), the Australian Capital Territory (ACT) and the Northern Territory (NT), however in some jurisdictions private hospital data are not included. Other statistical information is only considered to be sufficient and complete for certain jurisdictions, for example data about deaths are usually only provided for NSW, Qld, WA, SA and the NT. Please refer to the sources for full details on the statistical information presented here.

If you would like more information about the health and wellbeing of Aboriginal and Torres Strait Islander people, you can:

- read our latest *Overview* for a more comprehensive health status update
- read our health topic reviews ([healthinonet.ecu.edu.au/reviews](https://healthinonet.ecu.edu.au/reviews))
- visit our website ([healthinonet.ecu.edu.au](https://healthinonet.ecu.edu.au)).



## Statistical terms

- **Burden of disease (and injury)** is the quantified impact of a disease or injury on a population using the **disability-adjusted life year** measure.
- **Disability-adjusted life year (DALY)** is a year of healthy life lost, either through premature death or living with a disability due to illness or injury.
- **Hospitalisation** refers to a period of hospital care for a person admitted to hospital. **Hospitalisation rates** are calculated as the total number of such periods of care divided by the total number of the population of interest. The rate is usually written per 1,000. Unless indicated, rates of hospitalisations provided in this *Summary* are **excluding dialysis separations** – these are the regular hospitalisations required by kidney disease patients for dialysis treatment.
- **Incidence** is the number of new cases of a disease or condition during a time period, the **incidence rate** is the number divided by the population of interest.
- **Maternal mortality** refers to pregnancy-related deaths occurring to women during pregnancy, or up to 42 days after delivery.
- **Maternal mortality ratio** is the number of maternal deaths divided by the number of confinements (expressed in 100,000s).
- **Median** is the middle number in a range where 50% fall below and 50% fall above.
- **Non-fatal burden** is the burden from living with ill health, as measured by **years lived with disability**.
- **Prevalence** is the proportion of people living with a disease or condition in a given time period.
- **Rates** are one way of looking at how common a disease or condition is in a population. A rate is calculated by taking the number of cases and dividing it by the population at risk, for a specific time period. A specific type of rate, called an **age-standardised rate**, allows for comparison between populations that have different age profiles. These are different from **crude rates**. Unless stated otherwise, rates presented in this *Summary* are age-standardised.
- **Survival** is statistically measured as the likelihood of a person being alive for a given period of time after being diagnosed with a disease or condition. Data about survival are provided for NSW, Vic, Qld, WA and the NT.



## Sources of information

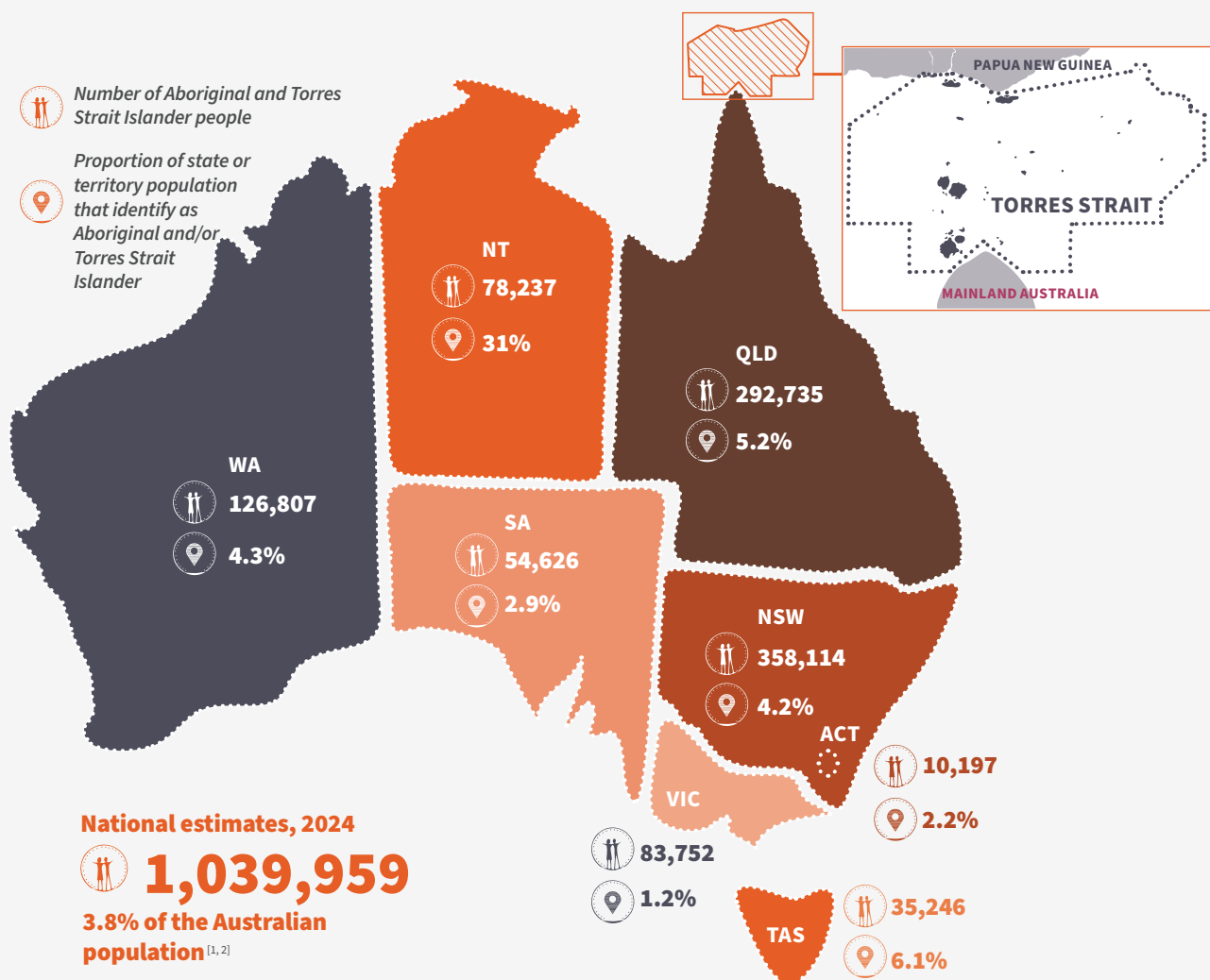
Most of the information presented in this *Summary* is sourced from government reports, particularly those produced by the Australian Bureau of Statistics (ABS), the Australian Institute of Health and Welfare (AIHW), the Health Chief Executives Forum (formerly the Australian Health Ministers Advisory Council) and the Steering Committee for the Review of Government Service Provision (SCRGSP). Data in these reports come from national health surveys, hospitals and other government agencies (including the birth and death registration systems).

It is important to note that data presented from national health surveys were generally calculated from responses by people aged 15 years and over. For children aged 14 years and under, a parent or guardian of a child generally provided responses on behalf of the child.

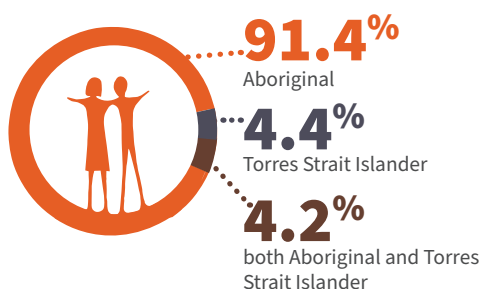
## Surveys that have informed this *Summary*

2018-19 National Aboriginal and Torres Strait Islander Health Survey	<b>2018-19 NATSIHS</b>
2022-23 National Aboriginal and Torres Strait Islander Health Survey	<b>2022-23 NATSIHS</b>
2022-23 National Drug Strategy Household Survey	<b>2022-23 NDSHS</b>

# Aboriginal and Torres Strait Islander population



More detailed information about the Aboriginal and Torres Strait Islander population can be found in the 2021 Census [3]:



The ABS estimated that of the population of **1,039,959** in 2024:



The top five Indigenous Regions<sub>1</sub> where Aboriginal and Torres Strait Islander people resided in 2024 were **Brisbane, NSW Central-North Coast, Sydney-Wollongong, Perth and Vic**, excluding Melbourne [1].

**In 2024, it was estimated that about one-third (32%) of the Aboriginal and Torres Strait Islander population was aged <15 years and 6.1% of Aboriginal and Torres Strait Islander people were aged 65 years+ [1].**

1. Indigenous Regions are large geographical units loosely based on the former Aboriginal and Torres Strait Islander Commission boundaries [4].

# Determinants of health

## among Aboriginal and Torres Strait Islander people

Factors known as the ‘**determinants of health**’ impact the health and wellness of individuals<sup>[1]</sup>. Social determinants of health are the conditions in which people are born, grow, work, live and age, and include<sup>[2]</sup>:



employment



income

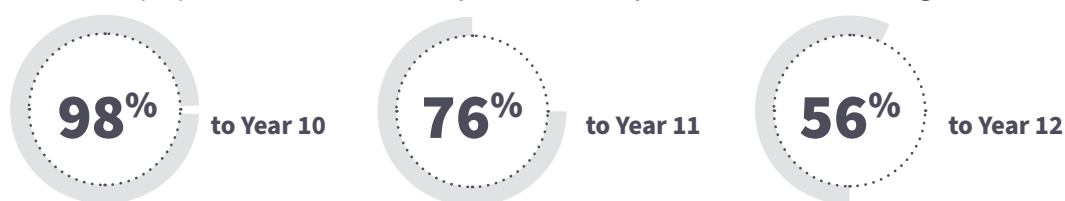


education

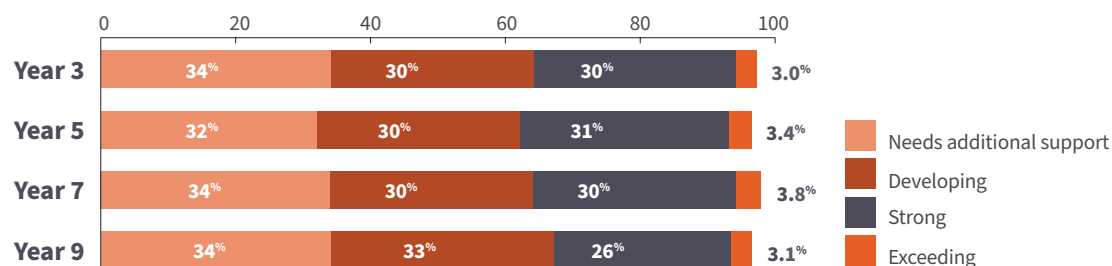
### Education

In 2023, **102%**<sup>1</sup> of eligible children were enrolled in early childhood education in the year before full-time school<sup>[3]</sup>.

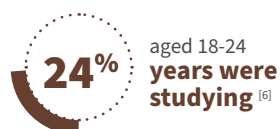
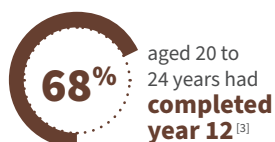
In 2023, the proportions of students from year 7/8 who stayed enrolled full-time in high school were<sup>[4]</sup>:



NAPLAN results for 2024 show the proportion of students who were assessed as having a particular level of skill (on average across literacy/numeracy areas)<sup>[5]</sup>:

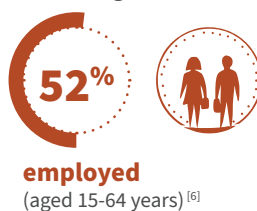
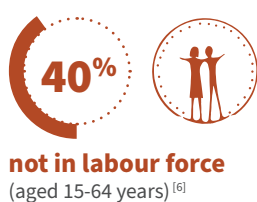


In 2021:



### Employment and income

The 2021 Australian Census reported for Aboriginal and Torres Strait Islander people:



1. Enrolment rates exceed 100% as a result of the numerator and denominator coming from different data sources and being based on different assumptions. The numerator is administrative data for pre-school enrolment reported annually. The denominator is based on Aboriginal and Torres Strait Islander population projections.

2. This is based on equivalised household income, which is a special calculation that allows for the comparison of incomes of different types of households.

# Cultural indicators

## among Aboriginal and Torres Strait Islander people

The cultural determinants of health play an important role in Aboriginal and Torres Strait Islander people's wellbeing. Cultural determinants include factors such as<sup>[1, 2]</sup>:



**family, kinship and community**



**language**



**spiritual and traditional beliefs and knowledge**



**connection to Country**



**self-determination**



**cultural identity**



### Cultural identification

The 2022-23 NATSIHS found that among respondents (aged 18 years+) <sup>[3]</sup>:



**71%**

who felt **satisfied or very satisfied** with their level of **knowledge of culture** had experienced low/moderate distress levels in the past four weeks compared with



**61%**

who were **not very satisfied/ not at all satisfied** about their level of knowledge of culture



A greater proportion of respondents who reported that neither themselves nor relatives had been removed from their natural family experienced low/moderate distress levels in the past four weeks **74%**, compared with those who had **60%**.



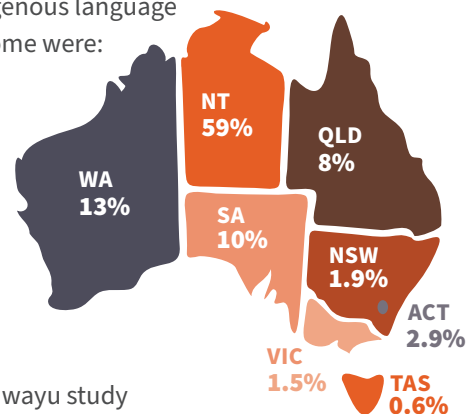
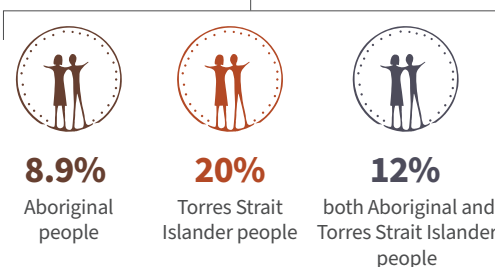
### Languages

According to the 2021 Census <sup>[4]</sup>: There were **167** Aboriginal and Torres Strait Islander languages being actively spoken in Australia.

**9.5%**

of Aboriginal or Torres Strait Islander people reported **using or speaking** an Aboriginal or Torres Strait Islander language at home

**The proportions** of Aboriginal or Torres Strait Islander people who used or spoke an Australian Indigenous language at home were:



Among respondents in the first wave of the Mayi Kuwayu study (which began in 2018), participating in a language program, speaking any amount of language, and learning language were all associated with a higher prevalence of **'good to excellent' general health** and **never feeling disconnected from culture** <sup>[5]</sup>.

Participating in a language program was also associated with **high happiness** and **high life satisfaction**, while learning language was also associated with high happiness.

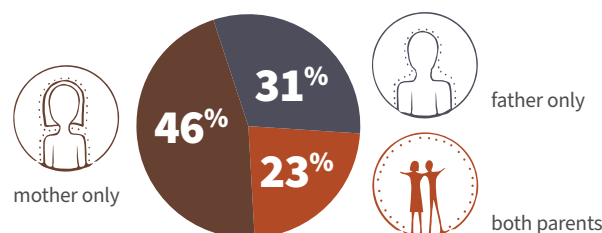
# Births and pregnancy

among Aboriginal and Torres Strait Islander people

In 2023, there were **24,737** births<sub>1</sub> registered in Australia where one or both parents were Aboriginal and/or Torres Strait Islander, this represented **8.6% of all births** registered<sup>[1]</sup>:



Aboriginal and/or Torres Strait Islander status of parents for births registered as Indigenous:



## Babies

Low birthweight (LBW) is a birthweight of less than 2,500 grams<sup>[2]</sup>. Babies with LBW are at greater risk of health problems and death<sup>[3]</sup>.

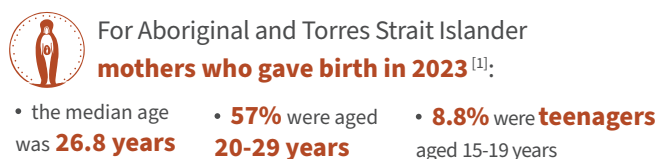
For babies born to Aboriginal and Torres Strait Islander mothers in 2022<sup>[4]</sup>:



## Mothers


Antenatal (pre-birth) care from health professionals during pregnancy supports positive health outcomes for mother and child, especially when provided during the first trimester (less than 14 weeks) of pregnancy<sup>[5,6]</sup>.

In 2022, **71%** of pregnant women attended their first antenatal care appointment during their first trimester of pregnancy<sup>[4]</sup>.




In 2023, the total fertility rate<sub>2</sub> was: **2.2** babies } **per 1,000** women<sup>[1]</sup>


There have been **improvements in birth and pregnancy outcomes** for Aboriginal and Torres Strait Islander mothers and babies, with evidence of:



an increase in the proportion of mothers attending antenatal care in the first trimester



a decrease in the rate of mothers smoking during pregnancy



a majority of babies being born at a healthy birthweight and normal size for their gestational age<sup>[7]</sup>.

1. Likely to be underestimated as Indigenous status is not always identified, and there may be a delay in birth registrations.<sup>[1]</sup>

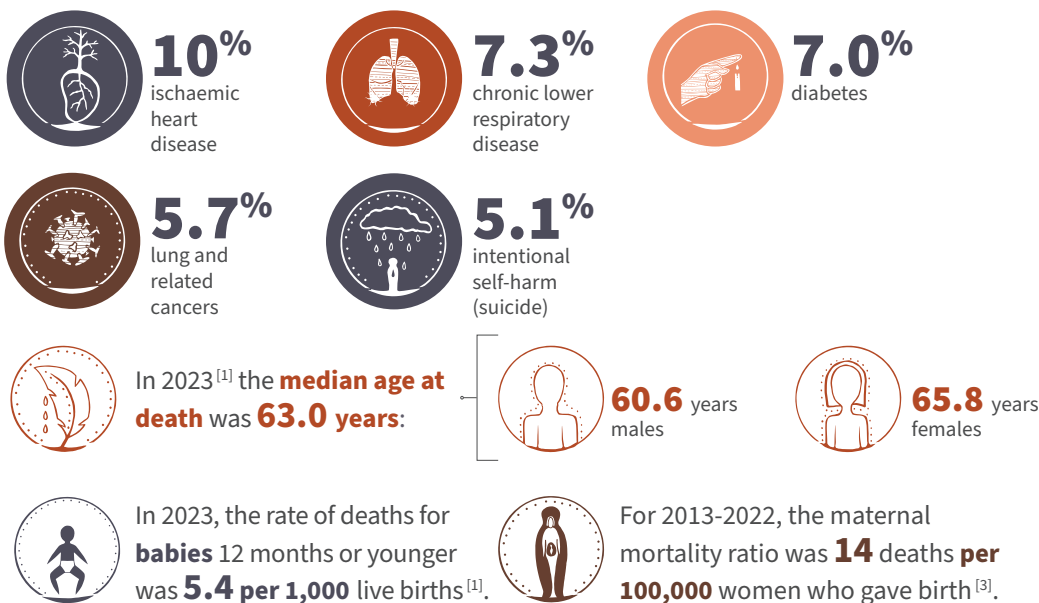
2. The total fertility rate is the number of children born to 1,000 women at the current level and age pattern of fertility.<sup>[1]</sup>

# Deaths

## among Aboriginal and Torres Strait Islander people

In 2023, there were **5,256 deaths**<sub>1</sub> registered for Aboriginal and/or Torres Strait Islander people<sup>[1]</sup>. This accounts for **2.9% of all deaths in Australia** for 2023.

Leading causes of death<sub>2</sub> in 2023<sup>[2]</sup> were:




The **life expectancy** for Aboriginal and Torres Strait Islander people born in 2020-2022 was<sup>[4]</sup>:



Life expectancy was **lower** for people living in remote and very remote areas than those living in inner and outer regional areas<sup>[4]</sup>:



In 2018-2022, there were **8,371 deaths from avoidable causes**<sub>3</sub><sup>[5]</sup>.

 In July 2020, the National Agreement on Closing the Gap was endorsed by Aboriginal and Torres Strait Islander leaders. Specific outcomes, targets and monitoring measures were set for life expectancy; deaths; leading causes of death; and potentially avoidable deaths<sup>[7,8]</sup>.

1. The ABS notes that the actual number of deaths may be slightly higher because of inaccurate data or delays in registration.  
2. In 2023, leading causes of death only included data from NSW, Qld, WA, SA and the NT (4,664 deaths).  
3. Deaths that could have been prevented with timely and effective health care, including early detection and effective treatment<sup>[6]</sup>.

# Hospitalisations

## among Aboriginal and Torres Strait Islander people

Statistics on hospitalisation provide some indication of the burden of disease in the population <sup>[1]</sup>. However, they provide only a part of the overall picture of health because:

- they only report on conditions that are serious enough to require hospitalisation
- depending on where people live, not everyone has access to hospitals
- different hospitals may have different admission policies and procedures for illnesses
- the statistics relate to events of hospitalisation rather than to individual patients, i.e. one person may be hospitalised several times in the time period <sup>[2-5]</sup>.

In 2022-23 there were <sup>[6]</sup>:

**656,760** hospitalisations identified as Aboriginal and/or Torres Strait Islander  
**5.4%** of all Australian hospitalisations



Aboriginal people



Torres Strait Islander people



both Aboriginal and Torres Strait Islander people

A key factor in the high rates of hospitalisation for Aboriginal and Torres Strait Islander people is dialysis treatment for kidney disease, which involves repeat admissions for the same patients <sup>[3,6]</sup>.

**Leading causes** of Aboriginal and Torres Strait Islander hospitalisation in 2022-23 <sup>[6]</sup>:



care involving dialysis



injuries



unclassified clinical and laboratory findings



digestive conditions



pregnancy and birth



respiratory conditions

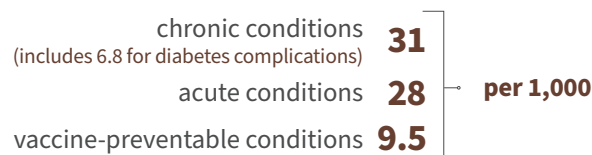


## Potentially preventable hospitalisations

Potentially preventable hospitalisations are those that could have been avoided with preventative care actions and early disease management <sup>[7]</sup>. They can be used as a way to measure how easily people can access primary health or community care and how effective it is <sup>[8]</sup>.

In 2022-23, the rate of potentially preventable hospitalisations was **66 per 1,000** <sup>[6]</sup>.

The highest rates for potentially preventable hospitalisations were for:



# Burden of disease

## among Aboriginal and Torres Strait Islander people

In 2022, detailed findings for Aboriginal and Torres Strait Islander people were released for Australia's National Burden of Disease study<sup>[1]</sup>. The reference year for this study was 2018.

Burden of disease studies have been undertaken in Australia for more than 20 years by the Australian Institute of Health and Welfare (AIHW)<sup>[2]</sup>. These studies measure the impact of diseases and injuries on a group of people in terms of:

- the number of years of healthy life lost through living with illness, and
- the number of years of life lost through dying prematurely<sup>[1]</sup>.

When added together, these measures are called **total burden**.

The findings from the burden of disease analysis are useful to people who plan health services because they highlight which diseases and injuries are having the most impact on a population.

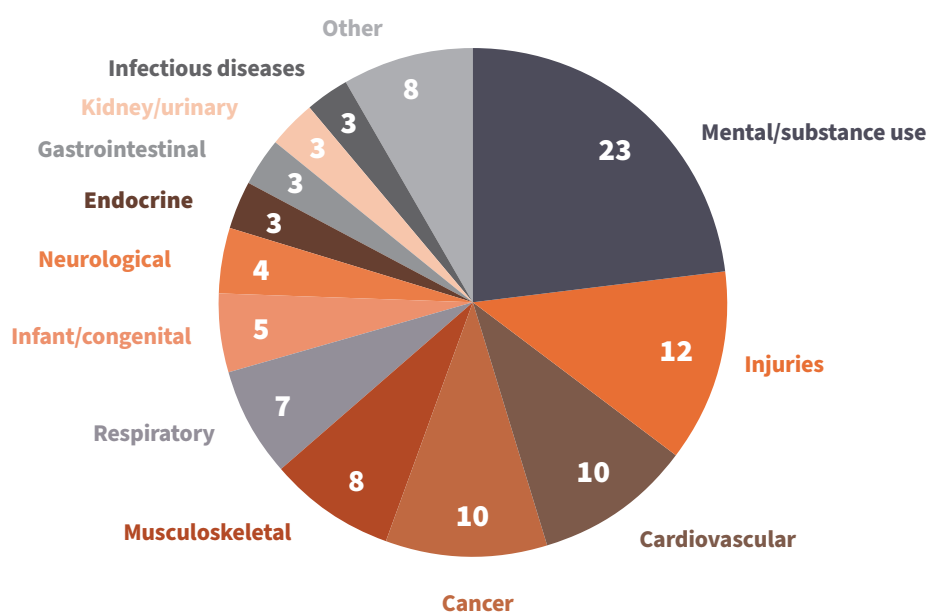
This *Summary* presents information<sub>1</sub> about the impact that selected diseases and risk factors have on total burden among Aboriginal and Torres Strait Islander people.



### Contribution of disease groups to total burden

Each **disease group** made a different contribution to overall burden for Aboriginal and Torres Strait Islander people. The leading contributors were **mental and substance use disorders** and **injuries**<sup>[1]</sup>.

**Contribution (%) of disease groups to total burden (DALY<sub>2</sub>) among Aboriginal and Torres Strait Islander people, 2018**



1. Findings from the burden of disease study selected for inclusion in this *Summary* differ slightly from those included in the *Overview of Aboriginal and Torres Strait Islander health status 2024*.

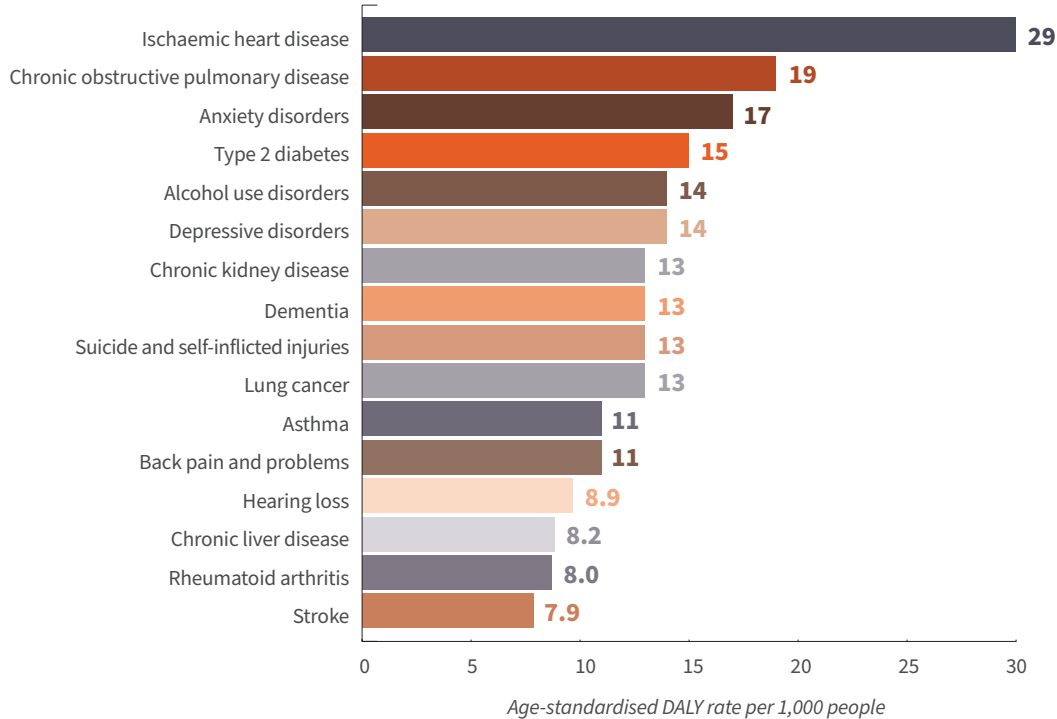
2. For definition of DALY, see Statistical terms on page 4.



## Leading specific causes of total burden

**Ischaemic heart disease, chronic obstructive pulmonary disease and anxiety disorders** were the leading **specific** causes of total burden among Aboriginal and Torres Strait Islander people<sup>[1]</sup>.

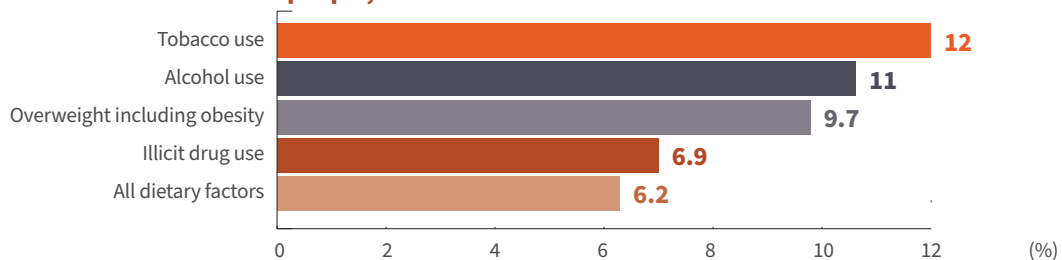
### Leading specific causes of total burden (based on age-standardised DALY rate) among Aboriginal and Torres Strait Islander people, 2018



## Leading risk factors contributing to total burden

The Australia's National Burden of Disease study calculated the contribution made by modifiable risk factors to the total burden of disease among Aboriginal and Torres Strait Islander people. **It found that almost half (49%) of total burden could have been prevented by avoiding modifiable risk factors.** Tobacco use was the risk factor that contributed the most burden<sup>[1]</sup>.

### Proportion (%) of total burden attributable to the leading five risk factors among Aboriginal and Torres Strait Islander people, 2018



*Note: Risk factor contributions in this graph can not be added together to estimate totals, due to interactions between factors.*

# Cardiovascular health

## among Aboriginal and Torres Strait Islander people

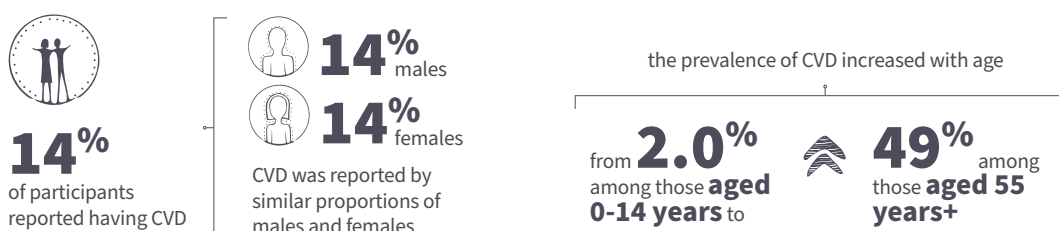
Cardiovascular disease (CVD) is the common term for all of the diseases and conditions that affect the heart and blood vessels, including <sup>[1-2]</sup>:

- ischaemic heart disease (**IHD**)
- heart failure
- vascular disease
- cerebrovascular disease (including stroke)
- rheumatic heart disease (**RHD**)
- high blood pressure.



### Prevalence

In the National Aboriginal and Torres Strait Islander Health Survey (NATSIHS) 2022-23 <sup>[3]</sup>:



In 2022-23, about **one quarter of Aboriginal and Torres Strait Islander adults had high blood pressure**, and **5.6% reported high cholesterol** which are risk factors for CVD <sup>[3]</sup>. In the 2021 Census, **heart disease** (including heart attack or angina) was **reported by 3.7%** of the Aboriginal and Torres Strait Islander population and **stroke by 0.9%** <sup>[4]</sup>.

In 2021, there were **2,209 heart attacks or unstable angina (chest pain) events** among Aboriginal and Torres Strait Islander people aged 25 years+ in NSW, Qld, WA, SA and the NT combined <sup>[2]</sup>.



### Risk factors

Risk factors for CVD include <sup>[1-2]</sup>:



smoking



drinking alcohol at risky levels



lack of physical activity



obesity



psychosocial factors



inadequate diet



high blood pressure



high cholesterol

Due to the high prevalence of CVD among Aboriginal and Torres Strait Islander people, it is now recommended for all adults to participate in regular screening for CVD risk factors from the age of 18 years <sup>[5]</sup>.

1. When a blood pressure reading taken voluntarily as part of the 2022-23 NATSIHS.



## Hospitalisations

There were **18,439** hospitalisations for CVD in 2022-23<sup>[6]</sup>; representing **5.2% of all Aboriginal and Torres Strait Islander hospitalisations**

The crude rate of hospitalisations in 2017-19 was<sup>[7]</sup>: **19 per 1,000**

Although rates of CVD are highest among older people, CVD is recognised as having a substantial impact on **younger** Aboriginal and Torres Strait Islander people<sup>[7]</sup>.

In 2017-19 the crude rate of hospitalisations for CVD in Aboriginal and Torres Strait Islander **people aged 35-44 years** was

**20**  
per 1,000



## Deaths

**IHD** was the leading cause of deaths in 2023<sup>[8]</sup>:

**73**  
males

**36**  
females

per 100,000 (crude rate)

**23%** of all deaths were caused by **CVD** in 2015-2019<sup>[7]</sup>.

**Age-specific** mortality rates for **overall CVD increased with age**, with **high rates** seen among people as **young as 25-34 years at 23 per 100,000** in 2015-2019<sup>[7]</sup>.



## Acute rheumatic fever (ARF) and rheumatic heart disease (RHD)

**ARF and RHD are preventable health problems** that affect many Aboriginal and Torres Strait Islander people and communities<sup>[9]</sup>. RHD occurs when ARF, a sickness caused by the germ *Streptococcus*, leads to permanent damage to the heart valves. Risk factors for ARF include overcrowding and poor sanitation<sup>[9, 10]</sup>.

In NSW, Qld, WA, SA and the NT combined, in 2023 among Aboriginal and Torres Strait Islander people, there were<sup>[11]</sup>:

**545**  
episodes of **ARF**



Rates were highest in the **5-14 age-group** (**232 per 100,000**)



NT had the highest rate **356 per 100,000**

**282**  
new diagnoses of **RHD**<sub>1</sub>

the rate for **females** was **nearly double** the rate for males



**x1.8**

As of 31 December 2023, there were 5,657 Aboriginal and Torres Strait Islander people living with RHD in Qld, WA, SA and the NT combined<sup>[11]</sup>.

1. NSW data not included for RHD because NSW uses different RHD notification criteria than other jurisdictions.

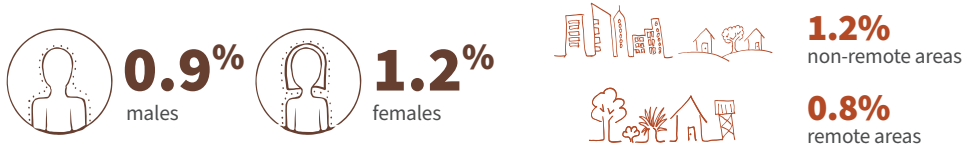
# Cancer


## among Aboriginal and Torres Strait Islander people

Cancer is a disease that causes damage to healthy body cells<sup>[1]</sup>. It can form almost anywhere in the body, and refers to about 100 different diseases. The location in the body where the cancer cells begin forming is known as the primary site. When cancer cells spread to other parts of the body it is known as ‘metastasis’<sup>[2]</sup>. ‘Neoplasm’ is sometimes used to describe conditions associated with abnormal growth of new tissue (tumour). Neoplasms can be ‘malignant’ (cancerous) or ‘benign’ (not cancerous). Other terms for neoplasms include ‘in situ’ (a tumour that has not spread) or those of an ‘uncertain nature’<sup>[3,4]</sup>.

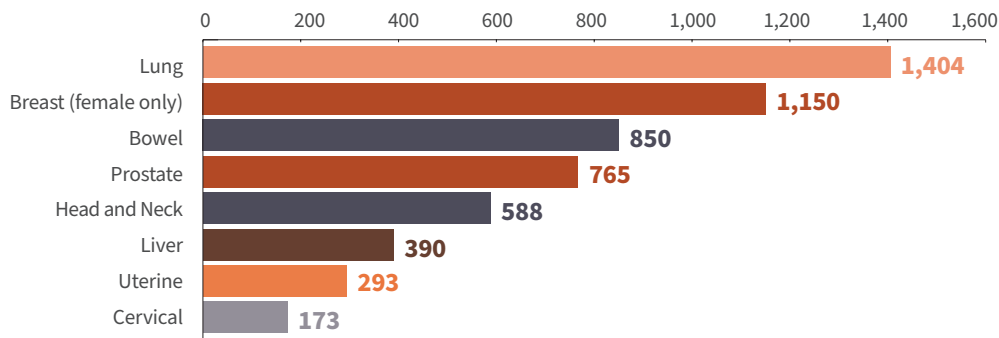
### Incidence and prevalence

In the 2022-23 NATSIHS<sup>[4]</sup>, **1.1%** of Aboriginal and Torres Strait Islander people reported having neoplasms (including malignant, benign, in situ and of an uncertain nature):

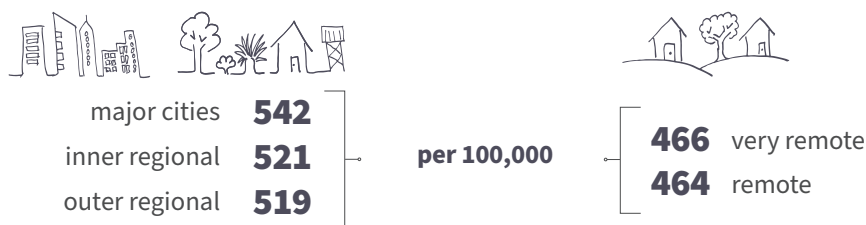


 In 2014-2018, **9,262** new cases were diagnosed, an average of **1,852** new cases per year<sup>[5]</sup>.

New cases of the most common cancers<sup>[5]</sup>:



For 2014-2018, when comparing by remoteness, major cities, inner regional and outer regional locations had higher crude rates than very remote and remote locations<sup>[5]</sup>:



## ✓ Survival

For the period 2009-2018, the likelihood of **surviving five years after a cancer diagnosis was 55%**<sup>[5]</sup>. Observed survival decreased with remoteness:



**54%**  
major cities



**39%**  
remote/very remote areas

The approximate relative survival rates were highest for bowel cancer and head and neck cancers, and lowest for lung cancer and liver cancer<sup>[5]</sup>:



**64%**  
bowel cancer



**47%**  
head and neck cancers



**13%**  
lung cancer



**11%**  
liver cancer

## ✚ Hospitalisations

In 2022-23, there were **12,570** hospitalisations for neoplasms, representing **3.5%** of all hospitalisations<sup>[6]</sup>.

In 2017-19, there were **11,970** hospitalisations for cancer as the principal diagnosis, at a crude rate of **7.2 per 1,000**<sup>[5]</sup>:



**7.9**  
males



**6.5**  
females

per 1,000



outer regional areas **7.8**

remote areas **7.8**

inner regional areas **7.5**

major cities **7.0**

very remote areas **5.8**

per 1,000



## Deaths

In 2018-2022, the mortality rate for cancer among Aboriginal and Torres Strait Islander people was **254 per 100,000**<sup>[7]</sup>:



highest in **QLD and NT - 277**  
lowest in **SA - 219** } per 100,000

There were **3,576 deaths** due to cancer in 2015-2019, at a rate of **230 per 100,000**<sup>[8]</sup>:

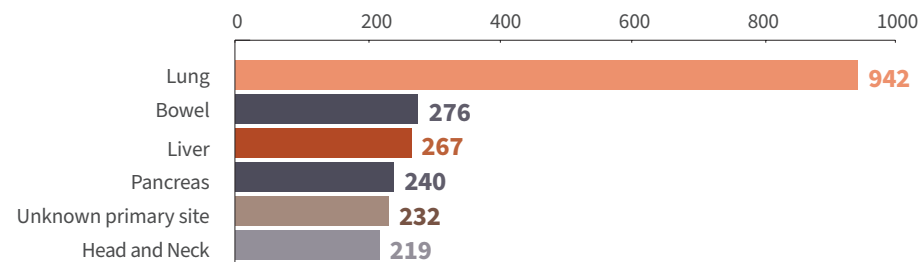


**1,939** males  
**276 per 100,000**



**1,637** females  
**194 per 100,000**

Number of deaths for selected cancers 2015-2019<sup>[8]</sup>:



Cancers of the **trachea, bronchus and lung combined** were the **fourth highest overall cause of death** in 2022<sup>[9]</sup>.

# Diabetes

## among Aboriginal and Torres Strait Islander people

Diabetes is a chronic disease marked by high levels of glucose in the blood <sup>[1]</sup>.

There are different types of diabetes with the three most common being:

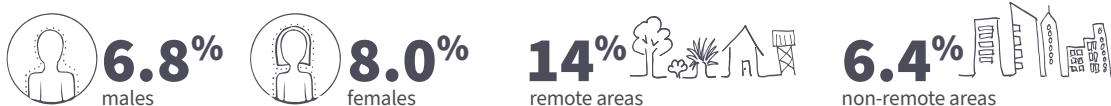
- **type 1 diabetes**
- **type 2 diabetes**
- **gestational diabetes mellitus (GDM)** (a type of diabetes that occurs in pregnancy) <sup>[2-3]</sup>.


Diabetes can cause life-threatening complications <sup>[1]</sup>.

### Incidence and prevalence

Diabetes (excluding GDM) was reported by **5.9%** of Aboriginal and Torres Strait Islander people in the 2021 Census <sup>[4]</sup>.

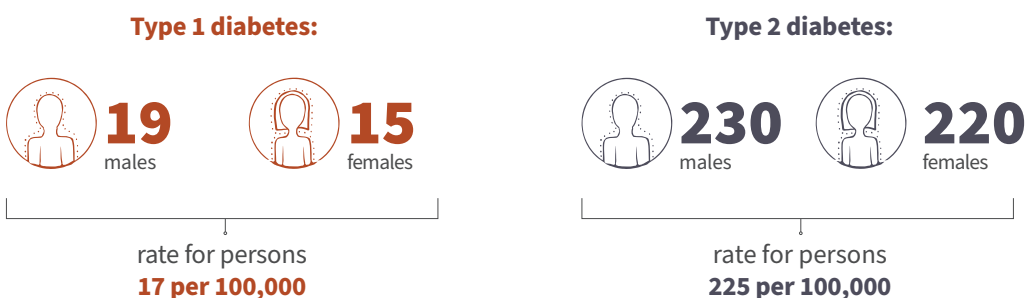
In the 2022-23 NATSIHS, **7.4%** of people self-reported diabetes (including GDM) <sup>[5]</sup>:



 The NT and WA had the highest levels of diabetes (**13%** and **11%** respectively).

 Diabetes increased with age:  
**29%** of people **55 years +** had diabetes.

Crude rates of new diabetes diagnoses in 2021 were <sup>[6]</sup>:



 In 2021-22 <sup>[6]</sup>:  
There were **2,465 new cases of GDM among females aged 15-49 years**, with a crude incidence of **16%**



## Risk factors

Risk factors for diabetes include <sup>[1, 2, 7, 8]</sup>:



smoking



family history



obesity



other chronic conditions such as kidney disease, cardiovascular disease, liver disease and anaemia



## Hospitalisations

In 2021-22<sup>[6]</sup>:

there were **81,402 hospitalisations** with **diabetes** as a principal and/or additional diagnosis, with a crude rate of **92 per 1,000**

there were **3,202 hospitalisations** with **type 1 diabetes** as a principal and/or additional diagnosis, with a crude rate of **3.6 per 1,000**

there were **73,167 hospitalisations** with **type 2 diabetes** as a principal and/or additional diagnosis, with a crude rate of **82 per 1,000**.



In 2017-19, there were **1,291** hospitalisations for diabetes as the main diagnosis during pregnancy (GDM) <sup>[9]</sup>.

In 2021-22, there were **4,850 potentially preventable hospitalisations** of Aboriginal and Torres Strait Islander people for a principal diagnosis of diabetes <sup>[10]</sup>.



## Deaths

Diabetes was the **third leading cause of death** for Aboriginal and Torres Strait Islander people in 2023 <sup>[11]</sup>:

**330** deaths, **7.1%** of all deaths



**30**  
males



**44**  
females

crude rate for persons  
**37 per 100,000**



The **NT** had the highest rate of deaths due to diabetes



**165**

**per 100,000**

# Social and emotional wellbeing

(including mental health) among Aboriginal and Torres Strait Islander people

For many Aboriginal and Torres Strait Islander people, social and emotional wellbeing (SEWB) includes mental health and also:

- connection to Country
- culture
- spirituality
- the body and emotions
- ancestry
- family and community<sup>[1,2]</sup>.

Factors that have been found to support wellbeing include<sup>[2,3]</sup>:



cultural continuity



self-determination



supporting Indigenous knowledge systems



maintaining family networks



strong community governance



## Prevalence

In the 2018-2020 Mayi Kuwayu Study there were some **encouraging and positive indicators**.

For Aboriginal and Torres Strait Islander participants over 18 years of age:<sup>[3]</sup>



**87%** reported being satisfied with their lives



**78%** reported feeling a 'fair bit' to 'alot' of control over their lives



**69%** reported moderate to high family wellbeing

In the 2022-23 NATSIHS, **30%** of Aboriginal and Torres Strait Islander respondents aged 18 years+ over reported high or very high levels of psychological distress<sup>[4]</sup>:



**30%** of Aboriginal people



**31%** of Torres Strait Islander people

More females reported high or very high levels of psychological distress compared with males:



**24%**

males



**36%**

females

Non-remote areas reported high or very high levels of psychological distress compared with remote areas:

**24%**

remote areas



**31%**

non-remote areas



The 2018-2020 Mayi Kuwayu Study<sup>1</sup> found that, **up to half of the psychological distress burden** among Aboriginal and Torres Strait Islander people **could be attributable to experiences of discrimination**<sup>[5]</sup>.

1. The study was 'conceptualised, designed, conducted and analysed by Aboriginal and Torres Strait Islander people for our mobs'.

## Mental health conditions

In the 2022-23 NATSIHS [4]:

**30%** of Aboriginal people and **22%** of Torres Strait Islander people aged two years+ were reported as having a mental and/or behavioural condition.



**21%**

**Anxiety** was the most common mental and behavioural condition reported.



**16%**

**Depression** was the second most common mental and behavioural condition reported.

Mental and behavioural conditions were more likely to be reported by people living in non-remote areas compared with remote areas:

**12%**  
remote areas



**33%**  
non-remote areas



## Hospitalisations

In 2022-23 [6]:

There were **27,645** hospitalisations of Aboriginal and Torres Strait Islander people for **mental and behavioural disorders**:

**7.8%**

of all hospitalisations

Intentional **self-harm<sub>2</sub>** was responsible for **2,809** hospitalisations:

**0.4%**

of all hospitalisations



## Deaths

In 2023, **265 people died** from intentional self-harm (suicide) [7].

**Suicide was the fifth leading cause of death** overall in 2023 for Aboriginal and Torres Strait Islander people.

**25%**

Suicide was the leading cause of death for Aboriginal and Torres Strait Islander children aged 5-17 years in the period 2019-2023 (25% of deaths).

**75%**

A little over 75% of children who died by suicide were aged between 15 and 17 years.

**56%**

Over half of Aboriginal and Torres Strait Islander children who died by suicide were female.

For 2019-2023, the age groups with the highest rate of death by suicide were:



**males 35-44** years

**77** per 100,000



**females 15-24** years

**26** per 100,000



For 2019-2023, rates of death from suicide ranged from **22 per 100,000 in NSW** to **35 per 100,000 in WA<sub>3</sub>**.

2. Intentional self-harm as a principal diagnosis for external causes of injury or poisoning for Aboriginal and Torres Strait Islander people.

3. Data from NSW, Vic, Qld, SA, WA and the NT.

# Kidney health

## among Aboriginal and Torres Strait Islander people

Kidneys clean the blood by processing excess fluid, unwanted chemicals and waste, and producing urine<sup>[1]</sup>. If the kidneys stop working properly, waste can build up in the blood and lead to kidney disease<sup>[2]</sup>. Many people are unaware that they have kidney disease as up to 90% of kidney function can be lost before symptoms appear<sup>[3]</sup>.

### Incidence and prevalence

For the 2022-23 NATSIHS, **1.4%** of Aboriginal and Torres Strait Islander people reported kidney disease as a long-term health condition<sup>[4]</sup>:



Prevalence was:



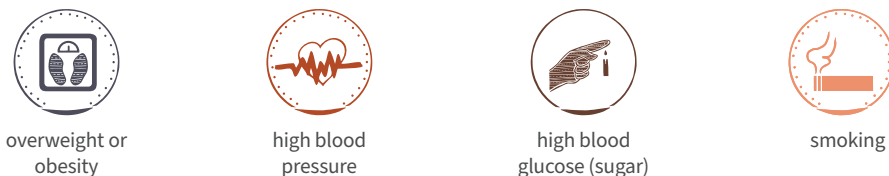
For 2018-2022, the incidence rate of end-stage kidney disease (ESKD)<sub>2</sub> for Aboriginal and Torres Strait Islander people was:



For ESKD, **54%** of people were aged **less than 55 years**.

### Risk factors

Risk factors for kidney disease which can be changed or controlled include<sup>[3, 8]</sup>:



Risk factors for Aboriginal and Torres Strait Islander people that cannot be changed or controlled include<sup>[9]</sup>:



1. This proportion has a high margin of error and should be used with caution.

2. 'Kidney failure' is the preferred, person-centred alternative to terms such as 'end-stage renal disease', [5], however, for the purposes of this Summary, the terms cited in the data sources will be used.



## Hospitalisations

In 2021-22, the crude rate of **CKD** hospitalisation was **34 per 1,000** <sup>[10]</sup>:



In 2018-19, there were **242,274** hospitalisations for **ESKD** at a crude hospitalisation rate of **289 per 1,000** <sup>[11]</sup>.

In 2016-18, the crude rate of **ESKD** hospitalisation was **278 per 1,000**:



In 2016-18, the rate for people living in remote and very remote locations (681 per 1,000) was **5X higher** than for those living in major cities (137 per 1,000) <sup>[11]</sup>.

### Dialysis:



**Dialysis is the most common reason** Aboriginal and Torres Strait Islander people are hospitalised <sup>[12]</sup>.

In 2023, **2,185** people were receiving dialysis: **haemodialysis 94%** and **peritoneal dialysis 5.7%** <sup>[13]</sup>

In 2023, **361** people commenced dialysis, **down from 375** in 2022 <sup>[13]</sup>.

In 2021-22, the rate of hospitalisation for regular dialysis was **299 per 1,000** <sup>[10]</sup>.

### Kidney transplants:



In 2023, there were **70 transplant operations** for Aboriginal and Torres Strait Islander people <sup>[13]</sup>.



## Deaths



In 2023, there were **99 deaths due to diseases of the urinary system** (including disorders of the bladder and urethra, as well as disease of the kidneys and ureters) <sup>[14]</sup>.

In 2018-22, the death rate for kidney disease (major cause) was <sup>[15]</sup>:



In 2023, **308** Aboriginal and Torres Strait Islander people who were receiving dialysis died <sup>[13]</sup>.

The **most common cause of death for the dialysis patients was CVD (101 deaths)**.

# Respiratory health

## among Aboriginal and Torres Strait Islander people

Conditions that affect the airways and other structures of the lung, and harm the process of breathing, can have an impact on a person's respiratory health<sup>[1]</sup>. They range from those that come on quickly or do not last long (acute respiratory conditions), to those that last a long time (chronic respiratory conditions)<sup>[2]</sup>.

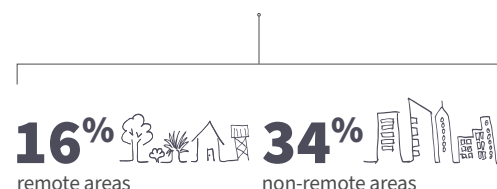
### Prevalence

In the 2022-23 NATSIHS, **31%** of Aboriginal and Torres Strait Islander people reported **having a long-term respiratory condition**<sup>[3]</sup>.

The level of respiratory disease among Aboriginal and Torres Strait Islander **females was higher** than for males:



The proportion of Aboriginal and Torres Strait Islander people reporting respiratory diseases was **2.2 times as high** in non-remote areas compared with remote areas:



**Long-term respiratory health conditions** reported by Aboriginal and Torres Strait Islander people in the 2021 Census included<sup>[4]</sup>:



### Risk factors

The main risk factors for respiratory disease include<sup>[1]</sup>:



Risk factors for infants and children include<sup>[5,6]</sup>:





## Hospitalisations

In 2022-23, there were **32,501 hospitalisations for respiratory disease** among Aboriginal and Torres Strait Islander people<sup>[7]</sup>.

In 2021-22, there were **1,780 hospitalisations for asthma**, with a crude rate of 2.0 per 1,000<sup>[8]</sup>.

In 2018-19, crude hospitalisation rates were highest for Aboriginal and Torres Strait Islander people with<sup>[9]</sup>:



## Deaths

In 2023, **chronic lower respiratory disease** (which includes asthma, bronchitis, emphysema, and COPD), was the **second leading cause of death** for Aboriginal and Torres Strait Islander people, **responsible for 342 deaths**<sup>[10]</sup>.

Of the **top five causes of death (by sex)**, **chronic lower respiratory disease** ranked as the second most common cause of death for females and third most common cause of death for males:



**173**  
males



**169**  
females



## COVID-19

From December 2021 to March 2024 there were<sup>[11]</sup>:

**427,906 confirmed and probable cases of COVID-19** among Aboriginal and Torres Strait Islander people.

There were **3.6X as many cases** in major cities compared with remote areas:



major cities

**191,171**



remote areas

**53,021**

In 2022-23, **4.4% of hospitalisations involving a COVID-19 diagnosis** were for Aboriginal and Torres Strait Islander people (8,046 of 182,824 total COVID-19 hospitalisations)<sup>[7]</sup>.

From January 2020 to March 2024, there were **797 admissions to an intensive care unit and/or deaths due to COVID-19** among Aboriginal and Torres Strait Islander people, with a rate of 1.2 per 1,000<sup>[11]</sup>.

From January 2020 to March 2024, there were **451 reported deaths from COVID-19** among Aboriginal and Torres Strait Islander people<sup>[11]</sup>.

# Sexually transmissible infections

## among Aboriginal and Torres Strait Islander people

Sexually transmissible infections (STIs) include bacterial, viral and parasitic infections that are primarily transmitted through sexual contact<sup>[1]</sup>. **The STIs reported on in this section are all bacterial infections.** Most STIs are treatable although early detection is important. Safe sex practices, such as using condoms, are recommended to prevent exposure and the spread of STIs.

### Incidence and prevalence of some notifiable STIs

In 2023, there were<sup>[2]</sup>:

<b>8,557</b> notifications of chlamydia	<b>820</b>	} rate per 100,000
<b>5,631</b> notifications of gonorrhoea	<b>541</b>	
<b>1,022</b> notifications of syphilis	<b>102</b>	

In 2023<sup>[2]</sup>:



Females were **1.7x** more likely to be diagnosed with **chlamydia** than males.



Females were **1.2x** more likely to be diagnosed with **gonorrhoea** than males.



Males and females were diagnosed with **syphilis** at similar rates.

In 2023<sup>[2]</sup>:



**Chlamydia** notifications were highest among those aged **15-19 years of age**.



**Gonorrhoea** notifications were highest among those aged **15-19 years of age**.



**Syphilis** notifications were highest among those aged **30-39 years of age**.

In 2023<sup>[2]</sup>:



**Chlamydia** notification rates were highest in the **NT at 1,333 per 100,000**.

**Gonorrhoea** notification rates were highest in the **NT at 2,200 per 100,000**.

**Syphilis** notification rates were highest in **WA at 242 per 100,000**.

In 2023<sup>[2]</sup>:



**Chlamydia** notification rates were highest in **remote areas at 2,374 per 100,000**.

**Gonorrhoea** notification rates were highest in **remote areas at 1,819 per 100,000**.

**Syphilis** notification rates were highest in **remote areas at 249 per 100,000**.

1. A disease required by law to be reported to government authorities in order to monitor its spread.

# Environmental health

## among Aboriginal and Torres Strait Islander people

Environmental health refers to the physical, chemical and biological factors which can impact a person's health and wellbeing. These factors may include housing conditions; drinking water; air quality; sanitation; disease control; food safety and climate<sup>[1-3]</sup>. Health conditions associated with poor environmental health include:

- infectious diseases of the bowels (such as 'gastro')
- skin infections (such as scabies, boils)
- middle ear infections
- chronic diseases (such as ARF)
- respiratory issues (such as asthma)
- some cancers (such as lung cancer)<sup>[4,5]</sup>.

Aboriginal and Torres Strait Islander people are disproportionately affected by the diseases associated with environmental health due to:

- the remoteness of some communities
- lack of adequate housing
- lack of cleaning, health and personal care equipment
- poor infrastructure
- lack of access to tradespeople and repairs
- the cost of maintenance
- overcrowding<sup>[2,4-6]</sup>.

### Overcrowding

In the 2022-23 NATSIHS<sup>[7]</sup>:

**6.8%** of Aboriginal and Torres Strait Islander people reported living in an **overcrowded house**<sup>[7]</sup>

Overcrowding was:

 highest in the **NT (22%)** and lowest in the **NSW (4.9%)**<sup>[7]</sup>

### Infrastructure


In the 2022-23 NATSIHS<sup>[7]</sup>:

 **82%** of Aboriginal and Torres Strait Islander households reported living in housing of an acceptable<sub>1</sub> standard

In the 2018-19 NATSIHS<sup>[1]</sup>:


 **The majority of respondents** reported having access to household facilities for:

- washing people **97%**
- washing bedding and clothes **96%**
- preparing/storing food **91%**
- sewerage facilities **98%**

 **33%** of households reported major structural issues including:

- major cracks in walls/floors **12%**
- walls or windows not straight **10%**
- sinking/moving foundations **7.7%**
- major plumbing problems **6.6%**
- wood rot/termite damage **6.6%**

Access to functioning facilities was lowest in remote areas.



 Households with **major structural** issues were highest in: **SA (44%)** and **NT (41%)**  
Other jurisdictions fell between **30%** and **36%**

### Hospitalisations for diseases related to environmental health

influenza and pneumonia	<b>9.2</b>	} crude rate <b>per 1,000</b> hospitalisations 2018-19 <sup>[1]</sup>	} <b>4.6</b> acute upper respiratory infections	
infectious diseases of bowels	<b>9.0</b>			<b>2.7</b> asthma
bacterial diseases	<b>8.0</b>			<b>1.8</b> scabies

In 2016-18<sup>[1]</sup> rates were higher in remote/very remote areas compared with major cities for: **scabies (3.2 times)** and **influenza and pneumonia (1.7 times)**.

### Deaths related to environmental health

In 2014-2018<sup>[1]</sup>: **44**  males } **per 100,000** } **40**  females

1. Housing of an 'acceptable' standard must have at least four working household facilities and not more than two major structural problems<sup>[1]</sup>.

# Alcohol use

## among Aboriginal and Torres Strait Islander people

Drinking too much alcohol, both on single drinking occasions (binge drinking) and over a person's lifetime can lead to health and social harms including:

- chronic diseases
- injury and transport accidents
- mental health disorders
- intergenerational trauma
- violence.

Alcohol use not only affects individuals, but also families and the wider community<sup>[1,2]</sup>.

The 2020 National Health and Medical Research (NHMRC) *Australian guidelines to reduce health risks from drinking alcohol* provide recommendations on reducing the risk of alcohol-related harm for adults, young people, and women who are pregnant or breastfeeding<sup>[3]</sup>:

- **Guideline 1** recommends that to reduce the risk of alcohol-related disease or injury, men and women should drink no more than four standard drinks on any day or no more than 10 standard drinks in a week.
- **Guideline 2** recommends that to reduce the risk of alcohol-related harm and injury, children and people aged under 18 years should not drink alcohol.
- **Guideline 3** recommends that to prevent alcohol-related harm to an unborn child, women who are planning a pregnancy, or who are pregnant, should not drink alcohol. For women who are breastfeeding, not drinking alcohol is the safest option for their baby.



### Abstinence and alcohol consumption

The following information was self-reported by participants in the 2022-23 NATSIHS aged 18 years+<sup>[4]</sup>:

#### Abstinence or no consumption of alcohol in the last 12 months



**25%** Aboriginal and Torres Strait Islander adults had either never consumed alcohol or had not done so for more than 12 months.



**37%** The proportion of people who abstained was highest for those **aged 55 years** and older.

The proportion of people (aged 15+) who abstained was **higher** for people living in **remote areas**:

**44%**   
remote areas

**27%**   
non-remote areas

## Did not exceed guideline:

**62%** of people **did not exceed** Guideline 1.

**Females were more likely** to not exceed the guideline than males:



**People aged 55 years** and older were most likely to not exceed the guideline:



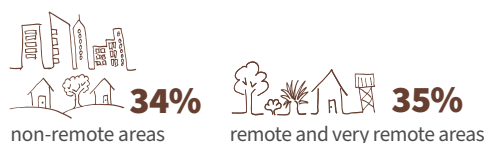
## Exceeded guideline:

**36%** of people **exceeded** Guideline 1

**Males were** more likely to exceed the guideline compared with females:



The proportion of people who exceeded the guideline was similar in both **remote and non-remote areas**:



## Hospitalisations

In 2017-19<sup>[5]</sup>, the crude alcohol-related hospitalisation rate was **7.0 per 1,000**:



## Deaths

For 2015-2019<sup>[5]</sup>, the crude rate of death due to alcohol use was **13 per 100,000**, **2.1X higher for males** than for females:



The main cause of alcohol-related deaths was **alcoholic liver disease**.



In 2022, **88%** of pregnant Aboriginal and Torres Strait Islander women **had not drunk alcohol** during the first 20 weeks of pregnancy. After 20 weeks of pregnancy, this increased to **93%** of women<sup>[6]</sup>.

# Illicit drug and volatile substance use

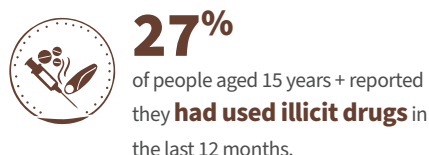
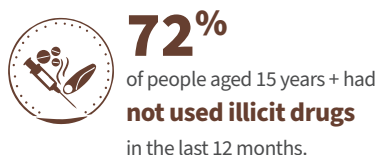
## among Aboriginal and Torres Strait Islander people

Illicit drug use is the use of illegal drugs such as cannabis, heroin, cocaine and methamphetamine, as well as the use of prescribed drugs, such as painkillers, in ways in which they were not intended or prescribed<sup>[1]</sup>. Illicit drug use is associated with an increased risk of mental illness, poisoning, self-harm, infection with blood borne viruses from unsafe injection practices, chronic disease and death<sup>[2-4]</sup>.

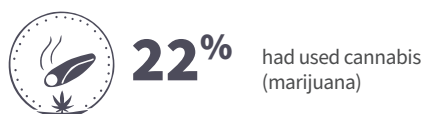
Most Aboriginal and Torres Strait Islander people surveyed do not use illicit drugs<sup>[1,5]</sup>.

### Prevalence

In the 2022-23 NATSIHS<sup>[5]</sup>:



In the 2022-23 NATSIHS<sup>[5]</sup>, people aged 15 years + reported **specific drug** use in the previous 12 months:



Illicit drug use was higher among males than females<sup>[6]</sup>:



In 2022-23, the most common principal illicit drugs of concern that Aboriginal and Torres Strait Islander people **sought treatment** for were **amphetamines, cannabis and heroin**<sup>[6]</sup>.

1. Drugs included in the 'other' category includes heroin, cocaine, petrol, LSD/synthetic hallucinogens, naturally occurring hallucinogens, kava, methadone and other inhalants.



## Hospitalisations

The two main reasons for **drug-related hospitalisations** among Aboriginal and Torres Strait Islander people in 2018-19 were **mental and behavioural disorders** (crude rate of 4.7 per 1,000) and **poisoning** (crude rate of 3.0 per 1,000)<sup>[7]</sup>.

In 2017-19, the **leading drugs of concern** that Aboriginal and Torres Strait Islander people were hospitalised for were<sup>[8]</sup>:



Crude hospitalisation rates due to drug use were higher in non-remote areas than remote areas: **per 1,000**



## Deaths

In 2018-2022<sup>[9]</sup>:

There were **599 unintentional** drug-induced deaths among Aboriginal and Torres Strait Islander people.

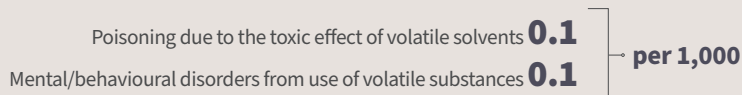


## Volatile substance use

Volatile substance use (VSU) involves sniffing inhalants - substances that give off fumes such as petrol, paint, glue or deodorants<sup>[10]</sup>. Sniffing can have serious short and long-term health effects, including a condition known as sudden sniffing death which causes the heart to stop within minutes<sup>[11]</sup>.

In the 2018-19 NATSIHS, **0.9%** of Aboriginal and Torres Strait Islander people aged 15 years+ **reported using petrol and other inhalants** in the 12 months prior to the survey<sup>[8]</sup>.

The crude rate of hospitalisation for VSU in 2017-19 was 0.1 per 1,000<sup>[9]</sup>:



Overall, the number of people using volatile substances is small but the issue of VSU is still a concern in some communities<sup>[12]</sup>. **Positively**, one study reported a **95% reduction of VSU between 2006 and 2018**, attributed to the replacement of regular unleaded petrol with low aromatic fuel.

# Tobacco and e-cigarette use

## among Aboriginal and Torres Strait Islander people

Tobacco smoking increases the risk of chronic disease, such as CVD, many forms of cancer and lung diseases <sup>[1]</sup>. It is also a risk factor associated with preterm birth and low birth weight. Environmental tobacco smoke (passive smoking) and thirdhand smoke (the residue left from second-hand smoke on surfaces and in indoor dust) can also make people sick, especially children <sup>[1,2]</sup>. Passive smoking is a risk factor for children who are particularly susceptible to middle ear infections, asthma and increased risk of sudden infant death syndrome (SIDS).

### Smoking and vaping among Aboriginal and Torres Strait Islander people

In the 2022-23 NATSIHS <sup>[3]</sup>:

**29%**

of people aged 15 years+ reported they **smoked daily**



**31%**  
males



**27%**  
females

the age-group with the **highest** proportion of people who smoked daily was **35-44 years**



**39%**

people living in **remote areas** reported a **higher proportion of people who smoked daily** compared with those living in non-remote areas



**8.3%**

of people aged 15 years+ reported they currently used **e-cigarettes** <sup>[3]</sup>



**9.5%**  
males



**7.5%**  
females

the age-group with the **highest** proportion of current e-cigarette users was **18-24 years**



**16%**

people aged 18 years+ living in **non-remote areas** reported a **higher proportion of people who currently used e-cigarettes** compared with those living remote areas



### Deaths

In 2018, **835 deaths (23% of all deaths)** among Aboriginal and Torres Strait Islander people) were due to tobacco use <sup>[4]</sup>.



The proportion of **young people starting to smoke has decreased**, which will result in improved health outcomes over time.

Daily smoking rates reduced between the 2018-19 NATSIHS and the 2022-23 NATSIHS <sup>[3,5]</sup>:

**18-24** year olds decreased from 36% to **20%**

**25-34** year olds decreased from 44% to **33%**



A 2021 study found that there was a **15% lower prevalence** of smoking inside the home in areas funded under the Tackling Indigenous Smoking (TIS) program compared to non-TIS areas <sup>[6]</sup>.



The proportion of Aboriginal and Torres Strait Islander mothers who reported smoking during pregnancy **has decreased** from 48% in 2012 to **40%** in 2022 <sup>[7]</sup>.

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