National Agreement Performance Information 2018-19

National Indigenous Reform Agreement

Produced by the Productivity Commission for the Steering Committee for the Review of Government Service Provision

December 2019

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The Steering Committee welcomes enquiries and suggestions on the information contained in this report. Contact the Secretariat by phone: (03) 9653 2100 or email: gsp@pc.gov.au

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Preface

The Steering Committee for the Review of Government Service Provision was requested by the Council of Australian Governments (COAG) to collate information for the independent assessment of progress towards COAG's Closing the Gap targets.

From the 2014-15 cycle onwards, there has been no formal assessment report. For the 2013-14 cycle, the assessment body was the Productivity Commission, and in earlier years, the COAG Reform Council.

This report is the Steering Committee's 2018-19 data collation for the Department of the Prime Minister and Cabinet. The report contains the following information:

- overview of the performance indicators, performance targets and key issues in performance reporting for the NIRA
- individual indicator specifications and summaries of data issues
- attachment tables containing the performance data. Attachment tables are also available in Excel format.

Steering Committee

This Report was produced under the direction of the Steering Committee for the Review of Government Service Provision (SCRGSP). The Steering Committee comprises the following current members:

Mr Michael Brennan	Chair	Productivity Commission
Ms Joanne Evans	Aust. Govt.	The Treasury
Ms Clare Firth	Aust. Govt.	Department of the Prime Minister and Cabinet
Mr Joshua Greenwood	NSW	NSW Treasury
Ms Anita Truninger	NSW	Department of Premier and Cabinet
Dr Lauren Costello	Vic	Department of Premier and Cabinet
Ms Teresa Fels	Vic	Department of Treasury and Finance
Ms Nicole Tabb	Qld	Department of the Premier and Cabinet
Ms Catherine McFadyen	Qld	Queensland Treasury
Ms Sarah Norton	WA	Department of the Premier and Cabinet
Mr Kurt Sibma	WA	Department of Treasury
Ms Tammie Pribanic	SA	Department of Treasury and Finance
Mr Chris McGowan	SA	Department of the Premier and Cabinet
Mr Craig Limkin	Tas	Department of Premier and Cabinet
Mr Sam Engele	ACT	Chief Minister, Treasury and Economic Development Directorate
Ms Nadia Phillips	NT	Department of the Chief Minister
Ms Nardia Harris	NT	Department of Treasury and Finance
Dr Paul Jelfs		Australian Bureau of Statistics
Mr Matthew James		Australian Institute of Health and Welfare

People who also served on the Steering Committee during the production of this report include:

Mr Durham Bennett	Aust. Govt.	Department of the Prime Minister and Cabinet
Ms Natalie McCall	NSW	Department of Premier and Cabinet
Ms Janelle Thurlby	Qld	Queensland Treasury
Ms Melissa Rudez	WA	Department of the Premier and Cabinet
Ms Ruth McArdle	Tas	Department of Premier and Cabinet
Ms Mellissa Gray	Tas	Department of Premier and Cabinet
Ms Jean Doherty	NT	Department of the Chief Minister
Ms Jenny Hargreaves		Australian Institute of Health and Welfare

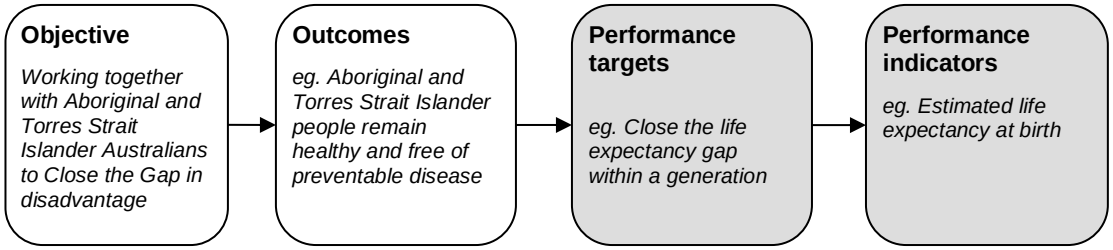
National Indigenous Reform Agreement (Closing the Gap) performance reporting

Performance Reporting

This is the eleventh *National Indigenous Reform Agreement* (NIRA) performance report prepared by the Steering Committee. This report provides performance information for the NIRA performance indicator framework (COAG 2012).

The NIRA includes the performance categories of 'performance indicators' and 'performance targets'. The Steering Committee provides information and available data for both these performance categories. The links between the objectives, outcomes and associated performance categories in the NIRA are illustrated in figure 1.

Figure 1 **NIRA performance reporting[a,b]**



a Shaded boxes indicate categories of performance information included in this report. **b** Although the NIRA has multiple outcomes, performance indicators, and performance targets, only one example of each is included in this figure for illustrative purposes.

COAG reform agenda and additional contextual information

The overarching objective of the NIRA is to implement intergovernmental reforms to close the gap in Aboriginal and Torres Strait Islander disadvantage. In December 2007 (COAG 2007), March 2008 (COAG 2008), May 2014 (COAG 2014) and December 2015 (COAG 2015) COAG announced seven Closing the Gap targets:

(a) closing the life expectancy gap within a generation (by 2031)

(b) halving the gap in mortality rates for Indigenous children under five within a decade (by 2018)

(c) 95 per cent of all Indigenous four-year olds enrolled in early childhood education (by 2025)

(d) halving the gap for Indigenous students in reading, writing and numeracy within a decade (by 2018)

(e) halving the gap for Indigenous students in year 12 attainment or equivalent attainment rates (by 2020)

(f) halving the gap in employment outcomes between Indigenous and non-Indigenous Australians within a decade (by 2018)

(g) closing the gap between Indigenous and non-Indigenous school attendance within five years (by 2018).

Reporting against COAG targets is provided in this report under the section on 'Performance targets'.

At its December 2016 meeting, COAG agreed to refresh the Closing the Gap agenda. In October 2018, 14 Aboriginal and Torres Strait Islander peak bodies wrote to the Prime Minister, Premiers and Chief Ministers to ask that changes to Closing the Gap not be agreed without formal input and support from Aboriginal and Torres Strait Islander communities. In December 2018, COAG committed to a formal partnership between the Commonwealth, State and Territory governments, and Aboriginal and Torres Strait Islander representatives (COAG 2018) to develop and implement a new national agreement on closing the gap. At the same meeting, COAG also agreed to establish a Ministerial Council on Closing the Gap, known as the Joint Council, which includes representation by Aboriginal and Torres Strait Islander people through the National Coalition of Aboriginal and Torres Strait Islander Peak Organisations.

A formal Partnership Agreement between COAG and the National Coalition of Aboriginal and Torres Strait Islander Peak Organisations came into effect in March 2019 (COAG 2019) and outlines the partnership's joint responsibility for "…agreeing the design, policy principles and priorities, implementation principles, oversight and monitoring of the national Closing the Gap framework and associated targets, and the review of the [NIRA]…" (COAG 2019, para 15). A National Agreement on Closing the Gap is being drafted for endorsement

by the Joint Council, ahead of its consideration by COAG in 2020. This process does not affect targets and indicators for this cycle of reporting.

Additional contextual factors that may influence Aboriginal and Torres Strait Islander outcomes are available in previous NIRA performance reports and the Overcoming Indigenous Disadvantage: Key Indicators (OID) report, with the most recent OID report released in November 2016 (SCRGSP 2016). The OID report measures the wellbeing of Aboriginal and Torres Strait Islander Australians, and Aboriginal and Torres Strait Islander Australians were involved in the development and production of the report. The OID report provides information about outcomes across a range of strategic areas, such as early child development, education and training, healthy lives, economic participation, home environment, and safe and supportive communities. As part of the terms of reference for the OID report, it includes indicators aligned with those in this report.

The next OID report is due to be released at the end of 2020. The importance of structural and/or systemic issues as contextual factors is anticipated to be highlighted in the 2020 OID report.

In December 2007, COAG committed to reporting transparently on expenditure on services to Aboriginal and Torres Strait Islander Australians (COAG 2007). The Indigenous Expenditure Reports (IERs) provide estimates of expenditure by the Australian Government and State and Territory governments, mapped to the COAG Building Blocks (as far as practicable). The most recent IER was released in October 2017 (SCRGSP 2017).

Technical data quality information is included in this report against the 'Comments on data quality' boxes under each indicator, detailing key information relevant for interpreting the performance data. More detailed Data Quality Statements are available from the Metadata Online Registry (METeOR) which is publically accessible via the AIHW website.

Box 1 **Key issues in reporting against the NIRA**

General comments

- Measures for some of the indicators are not reliable for jurisdictions with small Aboriginal and Torres Strait Islander populations and/or changing levels of Aboriginal and Torres Strait Islander identification. In particular, Aboriginal and Torres Strait Islander mortality are not reported for Victoria, Tasmania and the ACT, which affects:
  - performance target b (halve the gap in under five mortality rates)
  - performance indicators 2 (mortality rate) and 6 (under 5 mortality rate).

(continued next page)

Box 1 (continued)

- The accuracy of Aboriginal and Torres Strait Islander counts in administrative data is affected by the relatively large proportion of people for whom Indigenous status is recorded as not stated or, in some cases, recorded incorrectly as non-Indigenous.
- For this report, where Aboriginal and Torres Strait Islander population data are required to calculate rates, these data are based on the 2016 Census — performance targets b and c (95 per cent of all Indigenous four-year-olds enrolled in early childhood education) and performance indicators 2, 6, and 10 (the early childhood education enrolment rate measure). Historical data have been revised for a 2016 Census base for performance indicators 2 and 6 (to 2006) and performance indicator 10 (to 2015). Aboriginal and Torres Strait Islander population backcast estimates are based on assumptions. Uncertainty of the estimates increases as the time from the Census base year increases.
- Non-Indigenous population estimates are available for Census years only. For non-Census years the non-Indigenous population is calculated by subtracting the 2016 Census-based Aboriginal and Torres Strait Islander population from total estimated resident population. Such figures have a degree of uncertainty and should be used with caution, particularly as time from the base year of the projection series (2016) increases.
- Multiple data sources have been used to construct measures for some indicators. Comments on the comparability of different data sources within a measure are provided where applicable.

Performance targets

- Data for all performance targets are sourced from related performance indicators.
- This report includes updated data for all performance targets except target a (closing the life expectancy gap within a generation).

Performance indicators

- This report includes updated data for 14 of the 15 performance indicators. Indicator 1 (Estimated life expectancy at birth) is not able to be updated. Indicator 11 (Reading, writing and numeracy) is able to updated for this report (includes 2018 data), but current year data (2019 data) are not available which continues the year lag introduced in the previous edition of this report.
- For three indicators, both multiple year aggregate data and single year data are reported (performance indicators 2 (mortality rate), 6 (under 5 mortality rate) and 7 (babies born of low birth weight). Multiple year aggregates are provided to enable disaggregation by State and Territory — the most recent aggregate years' data should be used for current period analysis. However, multiple year aggregates make it difficult to determine trends over time, as each reporting year incorporates the previous years. Following an assessment of the reliability of the data, single year data are provided for time series analysis.

Changes from the previous National Indigenous Reform Agreement performance report

Table 1 details changes to indicator specifications, measures and data from the previous NIRA performance report.

Table 1 **Changes from the previous NIRA performance report**

Change	*Performance information category*
Historical data have been revised to incorporate revised cause of death data.	NIRA performance indicator 2 NIRA performance indicator 6
Historical data have been revised to incorporate revised population estimates and projections.	NIRA performance indicator 2 NIRA performance target b and related NIRA performance indicator 6 NIRA performance target c and related NIRA performance indicator 10
Pooled data from the National Health Survey and Survey of income and Housing was used to derive the non-Indigenous comparator for 2017-18	NIRA performance indicator 3
Revised data for alcohol risk levels, by Indigenous status, have been provided for 2011–13 to address an error in earlier data provision.	NIRA performance indicator 4
2018 NAPLAN data were available for this Report (not available in time for inclusion in the previous Report), but 2019 data were not available.	NIRA performance target d and related NIRA performance indicator 11

Performance targets

COAG has agreed to the following NIRA targets:

(a) close the gap in life expectancy between Indigenous and non-Indigenous Australians by 2031

(b) halve the gap in mortality rates for Indigenous children under five by 2018

(c) 95 per cent of all Indigenous four-year olds enrolled in early childhood education (by 2025)

(d) halve the gap in reading, writing and numeracy achievement for Indigenous children by 2018

(e) halve the gap in year 12 or equivalent attainment rates for Indigenous young people by 2020

(f) halve the gap in employment outcomes between Indigenous and non-Indigenous Australians by 2018

(g) close the gap between Indigenous and non-Indigenous school attendance within five years (by 2018).

Schedule G of the NIRA discusses the magnitude of the improvement necessary to meet each of the Closing the Gap targets and provides national level trajectories. State and Territory trajectories were developed by the National Indigenous Reform Agreement Performance Information Management Group (NIRAPIMG), a sub-committee of the [then] COAG Working Group on Indigenous Reform. The State and Territory trajectories are used for assessing progress against the targets.

Amendments to the trajectories are managed through the NIRAPIMG and have been endorsed through the relevant governance body (previously the COAG Working Group on Indigenous Reform, then COAG Senior Officials). Following revisions by the ABS to the 2005–2007 Aboriginal and Torres Strait Islander life expectancy estimates (baseline for NIRA target (a)) in 2013, the trajectory for the life expectancy target was amended. In 2015, trajectories for the new school attendance target were developed. The mortality and early childhood education trajectories will need to be amended to reflect the updated Aboriginal and Torres Strait Islander and the non-Indigenous population data (re-based to the 2016 Census) which have resulted in revised data for the rates back to the baseline years being included in this report.

This report includes the most recent available data for each target. However, any assessment of performance relative to the trajectories is outside the scope of this report.

Data for the performance targets in this report are presented in attachments identified in references throughout this report by a ‘NIRA’ prefix.

Performance target (a) — close the gap in life expectancy between Indigenous and non-Indigenous Australians by 2031

Key amendments from previous cycle of reporting:	This target is unchanged from the previous NIRA performance report.
Outcome:	The aim of the target is to close the life expectancy gap within a generation (by 2031)
Measure:	The average number of years new born babies could expect to live, if they experienced the age/sex specific death rates that applied at their birth throughout their lifetimes by Indigenous status. The measure is defined as: Direct estimation of the life expectancy gap at birth between Aboriginal and Torres Strait Islander and non-Indigenous Australians using the average number of deaths in the relevant three–year period and the estimated resident population at the mid-point of that three-year period, with adjustments for incomplete identification by Indigenous status
Related performance indicators:	Performance indicator 1: Estimated life expectancy at birth
Data source:	*Numerator and denominator* — ABS Aboriginal and Torres Strait Islander and non-Indigenous life tables (Life tables). Data are calculated for three year periods and reported every five years
Data provider:	ABS
Data availability:	No new data are available for this report
Baseline:	The baseline for the target is 2006 using the three-year average of 2005–2007
Cross tabulations provided:	Nil

Box 2 Comment on data availability

No new data are available for this report.

Data for 2015–2017 were included in the 2017-18 NIRA performance report. Data for 2010–2012 and revised data for 2005–2007 were included in the 2012-13 NIRA performance report.

All-cause mortality rates (provided for performance indicator 2) are used as an inter-censal proxy for life expectancy estimates.

Performance target (b) — halve the gap in mortality rates for Indigenous children under five by 2018

Key amendments from previous cycle of reporting:	Single year historical data have been resupplied (2006 to 2017) due to new ABS Aboriginal and Torres Strait Islander population data.
Outcome:	The aim of the target is to halve the gap in mortality rates for Aboriginal and Torres Strait Islander children under five within a decade (by 2018) (10 years from 2008 — the baseline period)
Measure:	Mortality rates for children aged less than five years, by Indigenous status. The measure is defined as: • *Numerator* — number of deaths among children aged 0–4 years • *Denominator* — total population of children aged 0–4 years presented as a rate per 100 000 population
Related performance indicators:	Performance indicator 6: Child under five mortality rate by leading cause
Data source:	*Numerator* — ABS Death Registrations Collection. *Denominator* — ABS Estimated Resident Population (ERP) for total population. ABS Estimates and Projections for Aboriginal and Torres Strait Islander population. Non-Indigenous population estimates are calculated by subtracting Aboriginal and Torres Strait Islander population estimates/projections from the total population estimates. All mortality rates are derived using 2016 Census-based Aboriginal and Torres Strait Islander populations.
Data provider:	ABS
Data availability:	2018 — Death Registrations 30 June 2018 (revised 2006 to 2017) (based on 2016 Census) — Population data
Baseline:	The baseline for the target is 2008
Cross tabulations provided:	(Single year) National (NSW, Queensland, WA, SA and the NT combined), by Indigenous status

Box 3 Results

For this report, new data are available for 2018.

- Data for single year mortality rates are presented in table NIRA.6.1 (including revised data for 2006 to 2017).

Additional data are available under performance indicator 6.

Box 4 Comment on data quality

Details are included in the comment on data quality for performance indicator 6.

Performance target (c) — 95 per cent of all Indigenous four-year olds enrolled in early childhood education (by 2025)

Key amendments from previous cycle of reporting:	Single year historical data have been resupplied (2015 to 2017) due to new ABS Aboriginal and Torres Strait Islander population data.
Outcome:	The aim of this target is that 95 per cent of all Indigenous four-year-olds are enrolled in early childhood education (by 2025)
Measures:	There are two measures for this target: Main measure: Measure (a): the proportion of children enrolled in a preschool program in the year before full time schooling. The measure is defined as • *Numerator* – Estimated number of children enrolled in a preschool program in the year before full time schooling • *Denominator* – Estimated number of children in the year before full time school (based on adjusted potential population* age in months relating to school starting provisions in each state/territory). presented as a percentage. *Potential population: see specifications for performance indicator 10 measure (a) for information on the calculation of the potential population, and additional counting rules for the numerator and denominator. Supplementary measure: Measure (b): the proportion of children attending a preschool program in the year before full time schooling. The measure is defined as: • *Numerator* — the number children attending a preschool program (for at least one hour in the reference week) in the year before full time schooling • *Denominator* — estimated number of children enrolled in a preschool program in the year before full time schooling. presented as a percentage.
Related performance indicators:	Performance indicator 10: The proportion of Indigenous children, who are enrolled in (and attending, where possible to measure) a preschool program in the year before formal schooling
Data source:	Main measure: *Numerator* — ABS National Early Childhood Education and Care Collection (NECECC) *Denominator* — ABS Estimates and Projections for Aboriginal and Torres Strait Islander population. Non-Indigenous population estimates are calculated by subtracting Aboriginal and Torres Strait Islander population estimates/projections from total population estimates. Denominator includes deductions for children in the target age ranges who are enrolled in school from *ABS Schools Australia*. Supplementary measure: *Numerator and denominator* — ABS National Early Childhood Education and Care Collection (NECECC).
Data provider	ABS
Data availability:	2018 NECECC 30 June 2018 (revised 2015 to 2017) (based on 2016 Census) — Population data
Baseline:	The baseline for the target is 2015
Cross tabulations provided:	State and Territory, by Indigenous status

Box 5 **Results**

For this report, new data are available for 2018.

- Data for children enrolled in a preschool program in the year before full time schooling, by Indigenous status are presented in table NIRA.10.1. Revised data for 2015 to 2017 are in tables NIRA.10.4–6.
- Data for children attending a preschool program in the year before full time schooling, by Indigenous status are presented in table NIRA.10.2.

Additional data are available under performance indicator 10.

Box 6 **Comment on data quality**

Details are included in the comment on data quality for performance indicator 10.

Performance target (d) — halve the gap in reading, writing and numeracy achievement for Indigenous children by 2018

Key amendments from previous cycle of reporting:	Data for 2018 are available for this report.
Outcome:	The aim of this target is to halve the gap for Indigenous students in reading, writing and numeracy within a decade (by 2018)
Measure:	The measure is defined as the proportion of students at or above the national minimum standard for reading, writing and numeracy, in years 3, 5, 7 and 9, by Indigenous status [Note: National Assessment Program – Literacy and Numeracy (NAPLAN) reports the percentage of students who achieved at or above the national minimum standard. The complex process by which student scores are arrived at and distributed across the national achievement bands (using the Rasch model, a recognised analysis model for educational measurement) was agreed by states, territories and the Australian Government and endorsed by the then NAPLAN Expert Advisory Group. Due to the complexities of the methodology, it is not possible (with the data currently provided) to give a simple computation of the precise number of students at or above the national minimum standard, which is best reported in the bands designed for that purpose]
Related performance indicators:	Performance indicator 11: Percentage of students at or above the national minimum standard in reading, writing and numeracy for years 3, 5, 7 and 9
Data source:	ACARA National Assessment Program — Literacy and Numeracy (NAPLAN). Data are collected annually
Data provider:	ACARA
Data availability:	2018 — NAPLAN
Baseline:	The baseline for the target is 2008
Cross tabulations provided:	For each year level (3, 5, 7 and 9 — reported individually), by: • learning domain (reading, writing and numeracy — reported individually), by: • State and Territory, by • Indigenous status

Box 7 **Results**

For this report, new data are available for 2018.

- Data for students at or above the national minimum standard by State and Territory, by Indigenous status, are presented in tables NIRA.11.1–16.

Data are available for: 2017 in the 2016-17 NIRA performance report; 2016 in the 2015-16 NIRA performance report; 2015 in the 2014-15 NIRA performance report; 2014 in the 2013-14 NIRA performance report; 2013 in the 2012-13 NIRA report; 2012 in the 2011-12 NIRA performance report; 2011 and 2010 in the 2010-11 NIRA performance report; and, 2009 and 2008 in the 2009-10 NIRA performance report.

Additional data are available under performance indicator 11.

Apparent differences may not be statistically significant and relevant confidence intervals may be requested directly from the data provider. Different confidence intervals are required depending on the type of analysis. Confidence intervals for comparing data within years across jurisdictions are different from confidence intervals for comparing data across years within and across jurisdictions.

Box 8 **Comment on data quality**

Details are included in the comment on data quality for performance indicator 11.

Performance target (e) — halve the gap in year 12 or equivalent attainment rates for Indigenous young people by 2020

Key amendments from previous cycle of reporting:	This target is unchanged from the previous NIRA performance report.
Outcome:	Halve the gap for Indigenous people aged 20–24 in Year 12 attainment or equivalent attainment rates (by 2020) (14 years from 2006 – the baseline period)
Measure:	Proportion of the 20−24 year old population having attained at least a Year 12 or equivalent or Australian Qualifications Framework (AQF) Certificate level II or above, by Indigenous status The measure is defined as: • *Numerator* — people aged 20–24 years who have completed year 12 or equivalent or whose level of highest non-school qualification is at AQF Certificate II or equivalent or above • *Denominator* — total population of people aged 20–24 years and is presented as a *rate per 100 population* People whose level of education was inadequately described are excluded from the calculation (numerator and denominator). [Specific inclusions are subject to the use of Census or survey data — see indicator 12 for further details]
Related performance indicator/s:	Performance indicator 12: Attainment of Year 12 or equivalent
Data source:	Main data collection *Numerator and denominator* — (Indigenous status) ABS Census of Population and Housing (Census count of population). Data are available every 5 years. Supplementary data collection *Numerator and denominator* — (Aboriginal and Torres Strait Islander) ABS National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)[1] and ABS National Aboriginal and Torres Strait Islander Social Survey (NATSISS) — Data are available on a rotating 3-yearly cycle. (Non-Indigenous) ABS Survey of Education and Work (SEW) — Data are available annually.
Data provider:	ABS
Data availability:	Main data collection No new data available Supplementary data collection 2018-19 (Aboriginal and Torres Strait Islander) — NATSIHS 2018 (non-Indigenous) — SEW
Baseline:	The baseline for the target is 2006
Cross tabulations provided:	State and Territory, by Indigenous status

1 For 2012-13, included both the NATSIHS and National Aboriginal and Torres Strait Islander Nutrition and Physical Activity Survey.

Box 9 **Results**

For this report, new supplementary data are available for 2018-19 by State and Territory, presented in table NIRA.12.1.

Supplementary data for: 2014-15 were reported in the 2015-16 NIRA performance report; 2012-13 were reported in the 2013-14 NIRA performance report; 2008 were reported in the baseline 2008-09 NIRA performance report.

Data from the main source (Census) were reported in the 2016-17 NIRA performance report (2016 Census), in the 2011-12 NIRA performance report (2011 Census) and the baseline 2008-09 NIRA performance report (2006 Census).

Box 10 **Comment on data quality**

Details are included in the comment on data quality for performance indicator 12.

Performance target (f) — halve the gap in employment outcomes between Indigenous and non-Indigenous Australians by 2018

Key amendments from previous cycle of reporting:	This target is unchanged from the previous NIRA performance report.
Outcome:	The aim of the target is to halve the gap in employment outcomes between Indigenous and non-Indigenous Australians within a decade (by 2018) (10 years from 2008 — the baseline period)
Measure:	Employment to population ratio for the working age population, by Indigenous status The measure is defined as: • *Numerator* — number of people aged 15–64 years employed • *Denominator* — total population of people aged 15–64 years presented as a rate per 100 population [Specific inclusions are subject to the use of Census or survey data — see indicator 14 for further details]
Related performance indicator/s:	Performance indicator 14, measure (a): Employment to population ratio, for the working age population (15–64 years)
Data source/s:	Main data source *Numerator and denominator* — (Aboriginal and Torres Strait Islander) ABS National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)[2] and ABS National Aboriginal and Torres Strait Islander Social Survey (NATSISS). Data are collected on an alternating three-yearly cycle (Non-Indigenous) ABS Survey of Education and Work (SEW). Data are available annually. Supplementary data source *Numerator and denominator* (Aboriginal and Torres Strait Islander and non-Indigenous) — ABS Census of Population and Housing (Census). Data are collected every five years.
Data provider:	ABS
Data availability:	Main data source 2018-19 (Aboriginal and Torres Strait Islander) — NATSIHS 2018 (non-Indigenous) — SEW Supplementary data source No new data available
Baseline:	The baseline for the target is 2008
Cross tabulations provided:	State and Territory, by Indigenous status

2 For 2012-13, included both the NATSIHS and National Aboriginal and Torres Strait Islander Nutrition and Physical Activity Survey.

Box 11 **Results**

For this report, new data from the main data source for 2018-19 are presented in table NIRA.14.1.

Data for 2014-15 were reported in the 2015-16 NIRA performance report, 2012-13 were reported in the 2013-14 NIRA performance report and for 2008 in the baseline 2008-09 NIRA performance report.

Supplementary data (Census) were reported in the 2016-17 NIRA performance report (2016 Census), in the 2011-12 NIRA performance report (2011 Census) and the baseline 2008-09 NIRA performance report (2006 Census).

Box 12 **Comment on data quality**

Details are included in the comment on data quality for performance indicator 14.

Performance target (g) — close the gap between Indigenous and non-Indigenous school attendance within five years (by 2018)

Key amendments from previous cycle of reporting:	This target is unchanged from the previous NIRA performance report.
Outcome:	The aim of the target is to close the gap between Indigenous and non-Indigenous school attendance within five years (by the end of 2018)
Measure:	Overall attendance rates year 1 to year 10 (combined for year levels and sectors), by Indigenous status. The measure is defined as: • *Numerator* — aggregate number of actual days in attendance in the collection period, for children in years 1–10 (children enrolled full time only[3]) • *Denominator* — aggregate number of possible days for attendance in the collection period, for children in years 1–10 (children enrolled full time only[2]) presented as *per cent of possible days of attendance*
Related performance indicators:	Performance indicator 13: Attendance rates year 1 to year 10 (measure 13a)
Data source:	*Numerator and denominator* — ACARA National Student Attendance Collection
Data provider:	ACARA
Data availability:	2019 (Semester 1) [Note: 2019 is past the end date for this target but is referenced here for the associated NIRA performance indicator]
Baseline:	The baseline for the target is 2014 (Semester 1)
Cross tabulations provided:	State and Territory for all year levels and sectors, by Indigenous status

Box 13 Results

For this report, new data for this indicator are available for 2019.

- Data for attendance rates for students (in years 1–10 combined), by Indigenous status, are presented in table NIRA.13.1.

Historical data are available for: 2018 in the 2017-18 NIRA performance report; 2017 in the 2016-17 NIRA performance report; 2016 in the 2015-16 NIRA performance report; and, 2014 and 2015 in the 2014-15 NIRA performance report.

Additional data are available under performance indicator 13.

Box 14 Comment on data quality

Details are included in the comment on data quality for performance indicator 13.

[3] See National Standards for School Attendance Data Reporting Section 6.8

Performance indicators

This report covers all 'performance indicators' included in the NIRA performance indicator framework (table 2). For performance indicators where data quality and/or completeness is an issue, a number of supplementary measures are provided and are identified as such in the text.

Data for the performance indicators in this report are presented in attachments identified in references throughout this report by a 'NIRA' prefix.

Table 2 **Performance indicators in the National Indigenous Reform Agreement[a]**

Performance indicators	*Page no. in this report*
1. Estimated life expectancy at birth	19
2. Mortality rate by leading cause	20
3. Rates of current daily smokers	24
4. Levels of risky alcohol consumption	26
5. Prevalence of overweight and obesity	29
6. Under 5 mortality rate by leading cause	32
7. Proportion of babies born of low birth weight	36
8. Tobacco smoking during pregnancy	39
9. Antenatal care	41
10. The proportion of Indigenous children, who are enrolled in (and attending, where possible to measure) a preschool program in the year before formal schooling	44
11. Percentage of students at or above the national minimum standard in reading, writing and numeracy for years 3, 5, 7 and 9	47
12. Attainment of year 12 or equivalent	50
13. Attendance rates year 1 to year 10	53
14. Level of workforce participation	56
15. Proportion of Indigenous 20 to 64 year olds with or working towards post school qualifications in AQF Certificate III or above	59

a Performance indicators are presented in this table using the direct wording for the performance indicators in the revised NIRA (COAG 2012). This does not necessarily reflect the measures used in this report to report against the indicators.

Indicator 1: Estimated life expectancy at birth

Key amendments from previous cycle of reporting:	This indicator is unchanged from the previous NIRA performance report
Target:	Closing the life expectancy gap within a generation (by 2031)
Measure:	The average number of years new born babies could expect to live, if they experienced the age/sex specific death rates that applied at their birth throughout their lifetimes, by Indigenous status. The measure is defined as: Direct estimation of the life expectancy gap at birth between Aboriginal and Torres Strait Islander and non−Indigenous Australians using the average number of deaths in the relevant three-year period and the estimated resident population at the mid−point of that three-year period, with adjustments for incomplete identification by Indigenous status.
Data source:	*Numerator and denominator* — ABS Aboriginal and Torres Strait Islander and non-Indigenous life tables (Life tables). Data are calculated for three year periods and reported every five years
Data provider:	ABS
Data availability:	No new data available for this report.
Cross tabulations provided:	Nil

Box 15 Comment on data availability

No new data are available for this report. Data for 2015–2017 were provided in the 2017-18 report. Data for 2010–2012 and revised data for 2005–2007 were provided for the 2012-13 NIRA report.

Indicator 2: Mortality rate by leading causes

Key amendments from previous cycle of reporting:	Single year data have been resupplied due to: • new ABS Aboriginal and Torres Strait Islander population estimates and projections data (2006 to 2017) • revised ABS Causes of Death data (2015 and 2016).
Target:	Closing the life expectancy gap within a generation (by 2031)
Measure:	Mortality rates for Australians by the leading cause of death, by Indigenous status. The measure is defined as: • *Numerator* — number of deaths • *Denominator* — total population of all people presented as a rate per 100 000 persons Crude rates are calculated for Aboriginal and Torres Strait Islander Australians. Age standardised rates are calculated for comparing Aboriginal and Torres Strait Islander and non-Indigenous Australians using: • the direct method • five year age groups from 0–4 years to 75 years and over • total persons in the Australian population as at 30 June 2001 Estimated Resident Population (ERP) based on the 2001 Census as the standard population. [Note: The measure refers to 'leading cause of death'. Data are provided for 'selected causes of death' according to the ICD-10 codes used for 'leading cause of death' in the Aboriginal and Torres Strait Islander Health Performance Framework]. Rate ratios and rate differences are calculated for comparison between Aboriginal and Torres Strait Islander and non-Indigenous Australians. Causes are listed from highest to lowest Aboriginal and Torres Strait Islander crude numbers for the most recent 5 year combined period. The top 5 causes need to be reassessed each reporting period. If a change is identified, data may be backcast to the baseline year for the most recent set of top 5 causes to ensure a consistent time series Variability bands are to be calculated for rates (single year data and national data for five years combined) using the standard method.
Data source:	*Numerator* — ABS Cause of Death collection and ABS Death Registrations collection. Data are available annually *Denominator* — ABS Estimated Resident Population (ERP) for total population. ABS Estimates and Projections for Aboriginal and Torres Strait Islander population. Non-Indigenous population estimates are calculated by subtracting the Aboriginal and Torres Strait Islander population estimates/projections from the total population estimates. All mortality rates are derived using 2016 Census-based Aboriginal and Torres Strait Islander populations.
Data provider:	ABS
Data availability:	2018 — Causes of death (and revised data for 2016 and revised final data for 2015) 2018 — Death registrations (for all-cause totals) 30 June 2018 (revised 2006 to 2017) (based on 2016 Census) — Population data.

Cross tabulations provided:	Data are reported individually by jurisdiction of residence by Indigenous status for NSW, Queensland, WA, SA and the NT only. Each table by jurisdiction will also include a 'national' total made up of these 5 jurisdictions only. For Aboriginal and Torres Strait Islander only (crude rates and crude percentages): • Five year aggregate data, by State and Territory, by selected causes of death • Five year aggregate data, national only, by sex, by selected causes of death • Five year aggregate data, by State and Territory (all cause total) For Aboriginal and Torres Strait Islander and non-Indigenous (age-standardised rates): • Single year data, by State and Territory (all-cause total) • Single year data, national only, by sex (all-cause total) • Single year data, by State and Territory (selected causes of death) • Five year aggregate data, by State and Territory (selected causes of death) • Five year aggregate data, by State and Territory, by sex (selected causes of death) • Five year aggregate data, by State and Territory (all cause total)

Box 16 **Results**

For this report, new data are available for 2018 (and revised data are available for 2006 to 2017).

New five year aggregate data are available for 2014–2018.

- Aboriginal and Torres Strait Islander mortality rates and proportions (crude) by State and Territory are presented in tables NIRA.2.1–2.2
- Aboriginal and Torres Strait Islander mortality rates and proportion (crude) by sex are presented in tables NIRA.2.3–2.4.
- Mortality rates (age standardised) by State and Territory are presented in table NIRA.2.18
- Mortality rates (age standardised) by State and Territory, by sex are presented in table NIRA.2.19.

Single year mortality rates (age standardised) by State and Territory for 2018 are presented in table NIRA.2.5. Revised data for years 2006 to 2017 are available in tables NIRA.2.6–2.17 and NIRA.2.20–2.21. Revised rates for single year data from 2006 to 2017 are provided to maintain a comparable time series.

Box 17 Comment on data quality

Key points on data quality for this indicator are summarised below.

- The data provide relevant information on mortality by selected causes of death. Data by Indigenous status are reported for NSW, Queensland, WA, SA and the NT. Only these five jurisdictions have evidence of a sufficient level of Aboriginal and Torres Strait Islander identification and sufficient numbers of Aboriginal and Torres Strait Islander deaths to support mortality analysis, and do not have other significant data quality issues.
- Annual data are available. The most recent available data are for 2018.
- Rates for single year historic data (from 2006 to 2017) have been revised to account for new Aboriginal and Torres Strait Islander population estimates and projections (based on the 2016 Census) released in July 2019.
- Single year causes of death data for 2015 and 2016 included in earlier NIRA performance reports have been revised (2015 as final), as coroner-certified deaths for these years have been updated.
- Aboriginal and Torres Strait Islander mortality rates should be used with caution (although the data are considered comparable across jurisdictions and over time):
  - although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified and the Aboriginal and Torres Strait Islander mortality rate may be underestimated.
  - non-Indigenous population estimates are available for Census years only. In the intervening years, population estimates are only available for the total population and the Aboriginal and Torres Strait Islander population, with non-Indigenous population estimates derived by subtracting the estimated or projected Aboriginal and Torres Strait Islander population from the total population. For this report the non-Indigenous population denominators have been calculated by subtracting the 2016 Census-based Aboriginal and Torres Strait Islander estimates and projections from the total Estimated Resident Population. Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases.
- Detailed explanatory notes are publicly available to assist in the interpretation of results. Additional data from the data sources are available on-line, and on request.

The Steering Committee also notes the following issues:

- The NIRAPIMG has advised that single year data should only be used for time series analysis. Current period analysis should refer to the most recent aggregate years data.
- Variability bands accompanying mortality data should be used for comparisons within a jurisdiction either at point in time or over time. They should not be used for comparisons across jurisdictions, as the variability bands (and underlying mortality rates) do not take into account differences in under-identification of Aboriginal and Torres Strait Islander Australians in deaths data across jurisdictions.

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Box 17 (continued)

- Aboriginal and Torres Strait Islander population backcast estimates are based on assumptions. Uncertainty of the estimates increases as the time from the Census base year increases.
- Given the uncertainty of population estimates, coupled with the potential mismatch between the numerator (deaths) and denominator (populations) due to different identification rates, comparisons of mortality rates over long time periods should be undertaken with caution (eg rates for 2006 compared with rates for 2016 and later years).
- Mortality rates by Indigenous status, disaggregated by remoteness, are not available for this cycle of reporting. The ABS has advised that further analysis is required to determine what data adjustments may be required for performance reporting purposes. While the ABS has published some unadjusted data in *Deaths, Australia* (Cat. no. 3302.0), these data should be used with caution, as the under-identification of Indigenous status in deaths registrations increases as remoteness decreases.

Indicator 3: Rates of current daily smokers

Key amendments from previous cycle of reporting:	Pooled data from the National Health Survey and Survey of income and Housing was used to derive the non-Indigenous comparator for 2017-18
Target:	Closing the life expectancy gap within a generation (by 2031)
Measure:	Proportion of adults who are current daily smokers, by Indigenous status. The measure is defined as: • *Numerator* — people aged 18 years or over who smoke tobacco every day • *Denominator* — total population of people aged 18 years and over presented as a *rate per 100 persons (per cent).*
Data source:	*Numerator and denominator —* (Aboriginal and Torres Strait Islander) ABS National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)[4] and ABS National Aboriginal and Torres Strait Islander Social Survey (NATSISS). Data are collected on an alternating three-yearly cycle. (Non-Indigenous) ABS National Health Survey (NHS) and Survey of Income and Housing (SIH) pooled data set (NHIH). Data are collected every three years.
Data provider:	ABS
Data availability:	2018-19 (Aboriginal and Torres Strait Islander data) — NATSIHS 2017-18 (non-Indigenous data) — NHIH
Cross tabulations provided:	State and Territory, by: • Aboriginal and Torres Strait Islander Australians (crude rates) • Aboriginal and Torres Strait Islander Australians by remoteness (crude rates) (based on the Australian Statistical Geography Standard (ASGS)) • Indigenous status (age standardised rates) • Indigenous status by remoteness (age standardised rates) (based on ASGS)

Box 18 **Results**

For this report new data are available for 2018-19 (Aboriginal and Torres Strait Islander data) and 2017-18 (non-Indigenous data).

- Crude rates for Aboriginal and Torres Strait Islander persons, by State and Territory, are presented in table NIRA.3.1
- Crude rates for Aboriginal and Torres Strait Islander persons, by State and Territory, by remoteness are presented in table NIRA.3.2
- Age standardised rates, by Indigenous status, by State and Territory are presented in table NIRA.3.3
- Age standardised rates, by Indigenous status, by State and Territory, by remoteness are presented in table NIRA.3.4.

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4 For 2012-13, included data from the National Aboriginal and Torres Strait Islander Nutrition and Physical Activity Survey (referred to as the core component of the AATSIHS).

Box 18 (continued)

Historical data from the 2014-15 NATSISS and the 2014-15 NHS were included in the 2015-16 NIRA performance report. Data from the 2012-13 Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS) and 2011-12 Australian Health Survey (AHS) were included in the 2013-14 NIRA performance report. Data from the 2008 NATSISS and 2007-08 NHS were included in the baseline 2008-09 NIRA performance report. Additional data for 2008 disaggregated by remoteness were presented in the 2012-13 NIRA performance report.

Box 19 **Comment on data quality**

Key points on data quality for this indicator are summarised below.

- The data provide relevant information on the proportion of adults who are current daily smokers, by Indigenous status. Data are available by State and Territory.
- Data for Aboriginal and Torres Strait Islander people are available from the NATSIHS.
- Data for non-Indigenous people are from a pooled data set — the NHIH. For the 2017-18 NHS cycle, the smoking questionnaire module was used in both the NHS and the 2017-18 SIH to produce a larger sample size for more accurate smoker status estimates.
- The NATSIHS is conducted every six years and the most recent available data are for 2018-19. The NHS is conducted every three years and the most recent available data are for 2017-18.
- Non-Indigenous data from the NHIH do not include people living in very remote areas, which affects the comparability of the NT results. Non-Indigenous data for outer regional and remote areas, by State and Territory, have been combined as data quality is not sufficient to support separate reporting. They have been reported separately at the national level.
- For 2017-18 NHIH and 2018-19 NATSIHS, the ABS have advised that 95 per cent confidence intervals and RSEs for the aged standardised rates are not available and that users should refer to those for the associated crude rates.
- Data are of acceptable accuracy. Some proportions have a large confidence interval and should be used with caution.
- Detailed explanatory notes are publicly available to assist in the interpretation of results.
- Additional data from the data source are available on-line, and on request.

The Steering Committee also notes the following issues:

- The size of some standard errors means that the survey data may not be adequate for measuring difference. Comparisons over time or across jurisdictions may be difficult to assess if the size of the standard errors is large compared to the difference between the estimates.

Indicator 4: Levels of risky alcohol consumption

Key amendments from previous cycle of reporting:	Revised data for alcohol risk levels, by Indigenous status, have been provided for 2011–13 to address an error in earlier data provision.
Target:	Closing the life expectancy gap within a generation (by 2031)
Measure:	Proportion of Australians who consume alcohol at risky/high risk levels, by Indigenous status. The measure is defined as: • *Numerator* — people aged 18 years or over assessed as having risky or high-risk alcohol consumption • *Denominator* — total population of people aged 18 years or over presented as a *rate per 100 persons (per cent)*. Risky or high risk alcohol consumption is measured by the concept of 'Lifetime risk of alcohol harm' which is based on the 2009 National Health and Medical Research Council guidelines. According to these guidelines, the consumption of more than 2 standard drinks on any day increases the lifetime risk of harm for both men and women. This has been operationalised as: for both males and females, an average of more than 2 standard drinks per day in the last week.
Data source:	*Numerator and denominator* — (Aboriginal and Torres Strait Islander) ABS National Aboriginal and Torres Strait Islander Health Survey (NATSIHS). Data are collected every six years. (non-Indigenous) ABS National Health Survey (NHS). Data are collected every three years.
Data provider:	ABS
Data availability:	2018-19 (Aboriginal and Torres Strait Islander data) — NATSIHS 2017-18 (non-Indigenous data) — NHS
Cross tabulations provided:	State and Territory, by: • Aboriginal and Torres Strait Islander Australians (crude rates) • Aboriginal and Torres Strait Islander Australians by remoteness (crude rates) (based on ASGS) • Indigenous status (age standardised rates) • Indigenous status by remoteness (age standardised rates) (based on ASGS)

Box 20 Results

For this report new data are available for 2018-19 (Aboriginal and Torres Strait Islander data) and 2017-18 (non-Indigenous data).

- Crude rates for Aboriginal and Torres Strait Islander persons, by State and Territory, are presented in table NIRA.4.1
- Crude rates for Aboriginal and Torres Strait Islander persons, by State and Territory, by remoteness are presented in table NIRA.4.2
- Age standardised rates, by Indigenous status, by State and Territory are presented in table NIRA.4.3
- Age standardised rates, by Indigenous status, by State and Territory, by remoteness are presented in table NIRA.4.4.

Age standardised rates, by Indigenous status, by State and Territory for 2011–13 have been revised and are included in this report (table NIRA.4.5).

Data from the 2012-13 NATSIHS and 2011-12 NHS were included in the 2012-13 NIRA performance report (except for the revised age standardised rates, by Indigenous status, by State and Territory noted above). Historical data for 2004-05 were provided in the baseline 2008-09 NIRA performance report, and 2004-05 data based on the 2009 NHMRC guidelines by remoteness were included in the 2012-13 NIRA performance report.

Box 21 Comment on data quality

Key points on data quality for this indicator are summarised below.

- The data provide relevant information on the proportion of adults who consume alcohol at risky or high risk levels, by Indigenous status. Data are available by State and Territory.
- Data for Aboriginal and Torres Strait Islander people are from the NATSIHS. Data for non-Indigenous people are from the NHS.
- The NATSIHS is conducted every six years and the most recent available data are for 2018-19. The NHS is conducted every three years and the most recent available data are for 2017-18.
- Non-Indigenous data from the NHS do not include people living in very remote areas, which affects the comparability of the NT results. Non-Indigenous data for outer regional and remote areas, by State and Territory, have been combined as data quality is not sufficient to support separate reporting. They have been reported separately at the national level.
- For 2017-18 NHS and 2018-19 NATSIHS, the ABS have advised that 95 per cent confidence intervals and RSEs for the aged standardised rates are not available and that users should refer to those for the associated crude rates.
- Data are of acceptable accuracy. Some proportions have a large confidence interval and should be used with caution.
- Level of alcohol consumption is based on the average alcohol consumption in the three most recent drinking days in the last week ‘as reported’ by respondents and some under-reporting of consumption may have occurred.

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Box 21 (continued)

- Detailed explanatory notes are publicly available to assist in the interpretation of results.
- Additional data from the data source are available on-line, and on request.

The Steering Committee also notes the following issues:

- NATSIHS data are only available every six years.
- The size of some standard errors means that the survey data may not be adequate for measuring difference. Comparisons over time or across jurisdictions may be difficult to assess if the size of the standard errors is large compared to the difference between the estimates.

Indicator 5: Prevalence of overweight and obesity

Key amendments from previous cycle of reporting:	This indicator is unchanged from the previous NIRA performance report
Target:	Closing the life expectancy gap within a generation (by 2031)
Measure:	Prevalence of overweight and obesity among Australians, by Indigenous status. The measure is defined as: • *Numerator* — people aged 18 years or over with a Body Mass Index (BMI) classified as obese and overweight • *Denominator* — total population of people aged 18 years or over for whom height and weight measurements were taken presented as a *rate per 100 persons (per cent)* Data are also reported for people with a BMI of 18.5–24.9 (normal weight); and with a BMI of less than 18.5 (underweight) BMI calculated as weight (in kilograms) divided by the square of height (in metres). For adults, obesity is defined as a BMI of greater than or equal to 30 and overweight is defined as a BMI of 25.0–29.9.
Data source:	*Numerator and denominator* — (Aboriginal and Torres Strait Islander) ABS National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)[5]. Data are collected every six years. (non-Indigenous) ABS National Health Survey (NHS) for non-Indigenous data. Data are collected every three years.
Data provider:	ABS
Data availability:	2018-19 (Aboriginal and Torres Strait Islander data) — NATSIHS 2017-18 (non-Indigenous data) — NHS
Cross tabulations provided:	State and Territory, by: • Aboriginal and Torres Strait Islander Australians (crude rates) • Aboriginal and Torres Strait Islander Australians by remoteness (crude rates) (based on ASGS) • Indigenous status (age standardised rates) • Indigenous status by remoteness (age standardised rates) (based on ASGS) • Indigenous status by BMI category (obese, overweight, normal weight and underweight) (age standardised rates)

5 For 2012-13, included data from the National Aboriginal and Torres Strait Islander Nutrition and Physical Activity Survey (referred to as the core component of the AATSIHS).

Box 22 Results

For this report new data are available for 2018-19 (Aboriginal and Torres Strait Islander data) and 2017-18 (non-Indigenous data).

- Crude rates for Aboriginal and Torres Strait Islander persons, by State and Territory, are presented in table NIRA.5.1
- Crude rates for Aboriginal and Torres Strait Islander persons, by State and Territory, by remoteness are presented in table NIRA.5.2
- Age standardised rates, by Indigenous status, by State and Territory are presented in table NIRA.5.3
- Age standardised rates, by Indigenous status, by State and Territory, by remoteness are presented in table NIRA.5.4
- Age standardised rates against BMI categories by State and Territory by Indigenous status are presented in table NIRA.5.5.

Data from the 2012-13 AATSIHS and 2011-12 AHS were reported in the 2013-14 NIRA performance report. Additional data for 2004-05 disaggregated by remoteness were included in the 2012-13 NIRA performance report. Other data for 2004-05 were included in the 2011-12 NIRA performance report.

Box 23 Comment on data quality

Key points on data quality for this indicator are summarised below.

- The data provide relevant information on the proportion of people who are overweight and obese. Data are available by State and Territory.
- Data for Aboriginal and Torres Strait Islander people are available from the NATSIHS and data for non-Indigenous comparisons are available from the NHS.
- The NATSIHS is conducted every six years with the most recent available data for 2018-19. The NHS is conducted every three years with the most recent available data for 2017-18.
- Non-Indigenous data from the NHS do not include people living in very remote areas, which affects the comparability of the NT results. Non-Indigenous data for outer regional and remote areas, by State and Territory, have been combined as data quality is not sufficient to support separate reporting. They have been reported separately at the national level.
- For 2017-18 NHS and 2018-19 NATSIHS, the ABS have advised that 95 per cent confidence intervals and RSEs for the aged standardised rates are not available and that users should refer to those for the associated crude rates.
- Data are of acceptable accuracy. Some proportions have a large confidence interval and should be used with caution.
- The 2004-05 NATSIHS and NHS calculated BMI from height and weight 'as reported' by respondents. These results may differ from 2011–13 and 2017–19 data, which are based on measured height and weight.

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Box 23 (continued)

- Physical measurement variables have a relatively high rate of non-response, compared to other variables, due to respondent sensitivities and the voluntary nature of these questions. For the 2017–19 data, records with missing height and weight values received a donor record response from a similar respondent. Comparisons with earlier years should only be made for proportions (which are comparable with earlier years) and not numbers of people (as imputation on physical measurement data was not done for earlier surveys).
- Detailed explanatory notes are publicly available to assist in the interpretation of results.
- Additional data from the data source are available on-line, and on request.

The Steering Committee also notes the following issues.

- NATSIHS data are only available every six years.
- The size of some standard errors means that the survey data may not be adequate for measuring difference. Comparisons over time or across jurisdictions may be difficult to assess if the size of the standard errors is large compared to the difference between the estimates.

Indicator 6: Under 5 mortality rate by leading cause

Key amendments from previous cycle of reporting:	Single year child (0–4) mortality rate data have been resupplied (2006 to 2017) due to new Aboriginal and Torres Strait Islander population data.
Target:	Halving the gap in mortality rates for Indigenous children under five within a decade (by 2018)
Measure:	Mortality rates for children aged less than five years, by leading cause of death (CoD), by Indigenous status. The measure is defined as: *Perinatal mortality rate* • *Numerator* — number of perinatal deaths (fetal and neonatal) • *Denominator* — number of all live births and stillbirths presented as a *rate per 1000 births* (including live births and stillbirths of at least 20 completed weeks of gestation or with a birth weight of at least 400 grams) *Infant mortality rate* • *Numerator* — number of deaths among children less than one year • *Denominator* — number of live births presented as a *rate per 1000 live births* *Child (1−4 years) mortality rate* • *Numerator* — number of deaths among children 1–4 years • *Denominator* — total population of children aged 1–4 years presented as a *rate per 100 000 population* *Child (0−4 years) mortality rate* • *Numerator* — number of deaths among children aged 0–4 years • *Denominator* — total population of children aged 0–4 years presented as a *rate per 100 000 population*. Rates are calculated for children 1–4 and children 0–4 years on the following basis: • Rates for single year use single year for numerator and population data, as at 30 June of the year, for denominator. • Rates for 5 years combined use average of 5 years for numerator and average of 5 years population data, as at 30 June of each year, for denominator. Rates for infant (0<1 years) and perinatal mortality are calculated on the following basis: • Rates for single year use single year numerator and single year denominator • Rates for 5 years combined use average of five years for numerator and a single year midpoint (live births for infants or live births and still births for perinatal) for the denominator. [Note: The measure refers to 'leading cause of death'. Data are provided for 'selected causes of death' according to the ICD-10 codes used for 'leading cause of death' in the Aboriginal and Torres Strait Islander Health Performance Framework]. 'Perinatal mortality' is defined in the ABS Perinatals Collection as death of a baby within 28 days of birth (neonatal death) or of a fetus (unborn child) of at least 20 completed weeks of gestation or with a birth weight of at least 400 grams.

	Rate ratios and rate differences are calculated for comparisons between Aboriginal and Torres Strait Islander and non-Indigenous Australians. Variability bands are calculated for rates (single year and national data for five years combined) using the standard method. Causes are listed from highest to lowest Aboriginal and Torres Strait Islander crude numbers for the most recent 5 year combined period. The top 5 causes need to be reassessed each reporting period. If a change is identified, data may be backcast to the baseline year for the most recent set of top 5 causes to ensure a consistent time series
Data source:	Perinatal *Numerator* — ABS Perinatal Deaths Collection Perinatal *Denominator* — ABS Births Collection and ABS Perinatal Deaths Collection Infant *Numerator* — ABS Death Registrations and ABS Cause of Deaths Collection Infant *Denominator* — ABS Births Collection Child *Numerator* — ABS Death Registrations and ABS Cause of Deaths Collection. Child *Denominator* — ABS Estimated Resident Population (ERP) for total population. ABS Estimates and Projections for Aboriginal and Torres Strait Islander population. Non-Indigenous population estimates are calculated by subtracting Aboriginal and Torres Strait Islander population estimates/projections from the total population estimates. All mortality rates are derived using 2016 Census-based Aboriginal and Torres Strait Islander populations. All data available annually.
Data provider:	ABS
Data availability:	2018 — Perinatal deaths, Causes of death, Death Registrations collection, Births collection 30 June 2018 (revised 2006 to 2017) (based on 2016 Census) — Population data
Cross tabulations provided:	Data are reported individually by jurisdiction of residence by Indigenous status for NSW, Queensland, WA, SA and the NT only. Each table by jurisdiction will also include a 'national' total made up of these 5 jurisdictions only. Single year data are reported for time series analysis at the national level (2006 to 2018 for perinatal, for infant, and child 0−4). Five-year aggregated data reported for current year analysis (2014−2018 for perinatal, infant, child 1−4 and child 0−4). For Aboriginal and Torres Strait Islander and non-Indigenous: • Single year data, national, by age (perinatal, infant, child) • Five year aggregate data, by State and Territory, by age group (perinatal, infant, child 1−4 and child 0−4), by all-cause total • Five year aggregated data, national, by selected causes of death, by age group (perinatal, infant, child 1−4 and child 0−4).

Box 24 Results

For this report, new data are available for this indicator for 2018 and revised data are available for 2006 to 2017. New aggregate year data are available for 2014–2018.

- Single year mortality rates for perinatal, infant and children are presented in table NIRA 6.1 (all-cause).
- Perinatal mortality rates, by State and Territory are presented in tables NIRA.6.2 (all cause) and NIRA.6.6 (selected causes)
- Infant mortality rates, by State and Territory are presented in tables NIRA.6.3 (all cause) and NIRA.6.7 (selected causes)
- Child mortality (aged 1−4 years) rates by State and Territory are presented in tables NIRA.6.4 (all cause) and NIRA.6.8 (selected causes)
- Child mortality (aged 0−4 years) rates by State and Territory are presented in tables NIRA.6.5 (all cause) and NIRA.6.9 (selected causes).

Revised rates for single year data for 2006 to 2017 are provided to maintain a comparable time series and are presented in table NIRA.6.1.

Box 25 Comment on data quality

Key points on data quality for this indicator are summarised below.

- The data provide relevant information on child under five mortality rates by leading cause of death. Data are presented for perinatal, infant and young child mortality, by leading cause of death and all cause totals. Data are available by State and Territory, but are not of sufficient quality for reporting for Victoria, Tasmania and the ACT.
- Annual data are available. The most recent available data are for 2018. Data by cause of death are presented as five year combined data at the State and Territory level, due to the volatility of the small numbers involved. Single year data are only reliable for all cause totals.
- Rates for single year historical data for children aged 0–4 years have been revised to account for new Aboriginal and Torres Strait Islander population estimates and projections (based on the 2016 Census) released in July 2019.
- Aboriginal and Torres Strait Islander mortality rates should be used with caution (although the data are generally considered comparable across jurisdictions and over time):
  - although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified and the Aboriginal and Torres Strait Islander and the mortality rate may be underestimated.

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Box 25 (continued)

  - non-Indigenous population estimates are available for Census years only. In the intervening years, population estimates are only available for the total population and the Aboriginal and Torres Strait Islander population, with non-Indigenous population estimates derived by subtracting the estimated or projected Aboriginal and Torres Strait Islander population from the total population. For this report the non-Indigenous population denominators have been calculated by subtracting the 2016 Census-based Aboriginal and Torres Strait Islander estimates and projections from the total Estimated Resident Population. Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases.

- For NSW, Queensland and NT there have been recent improvements in the quality and timeliness of birth registrations that affect the birth counts. Care should be taken when interpreting changes over time in infant mortality rates for these jurisdictions, as increases in birth counts with no change to infant death counts will show as a decrease in infant mortality rates.
- Fetal and perinatal deaths disaggregated by Indigenous status are not published for SA but are included in national totals. It is recommended these totals be used with caution while the ABS assesses the quality of the SA data.
- Detailed explanatory notes are publicly available to assist in the interpretation of results. Additional data from the data source are available on-line, and on request.

The Steering Committee also notes the following issues.

- The NIRAPIMG has advised that single year data should only be used for time series analysis. Current period analysis should refer to the most recent aggregate years' data.
- Variability bands accompanying mortality data should be used for comparisons within a jurisdiction either at point in time or over time. They should not be used for comparisons across jurisdictions, as the variability bands (and underlying mortality rates) do not take into account differences in under-identification of Aboriginal and Torres Strait Islander Australians in deaths data across jurisdictions.
- Aboriginal and Torres Strait Islander population backcast estimates are based on assumptions. Uncertainty of the estimates increases as the time from the Census-base year increases.
- Given the uncertainty of population estimates, coupled with the potential mismatch between the numerator (deaths) and denominator (population) due to different identification rates, comparisons of child (0–4 and 1–4 years) mortality rates over long time periods should be undertaken with caution (eg rates for 2006 compared with rates for 2016 and later years).
- Mortality rates by Indigenous status disaggregated by remoteness are not available. The ABS advised that further analysis is required to determine the adjustments required for performance reporting. The ABS has published some unadjusted data in *Deaths, Australia* (Cat. no. 3302.0), but these data should be used with caution, as the under-identification of Indigenous status in deaths registrations increases as remoteness decreases.

Indicator 7: Proportion of babies born of low birth weight

Key amendments from previous cycle of reporting:	This indicator is unchanged from the previous NIRA performance report
Target:	Halving the gap in mortality rates for Indigenous children under five within a decade (by 2018)
Measure:	The incidence of low birth weight among live-born babies, of mothers by Indigenous status, and among live-born babies by Indigenous status. The measure is defined as: • *Numerator* — number of low birth weight live-born singleton infants • *Denominator* — number of live-born singleton infants presented as a *rate per 100 infants* 'Births' excludes multiple births and stillbirths and births of less than 20 weeks gestation (where gestation is known). 'Low birth weight' is defined as: less than 2500 grams Rate ratios and rate differences are calculated for comparisons between Indigenous and non-Indigenous Australians For 2011, data on the Indigenous status of the baby were available for 6 jurisdictions – NSW, Victoria, Queensland, Tasmania, the ACT and the NT. For 2012 onwards, nationally standardised data about the Indigenous status of the baby were supplied from all jurisdictions to the National Perinatal Data Collection (NPDC). Variability bands are calculated for rates (single year data and for national data for three years combined) using the standard method.
Data source:	*Numerator and denominator* — AIHW National Perinatal Data Collection (NPDC). Data are available annually
Data provider:	AIHW
Data availability:	2017
Cross tabulations provided:	State and Territory, by: • Indigenous status (of the mother) • Indigenous status (of the mother), by remoteness (based on 2016 ASGS) • Indigenous status (of the infant) • Indigenous status (of the infant), by remoteness (based on 2016 ASGS) • Indigenous status (of the mother and of the baby) Three-year aggregated data reported for current year analysis for Indigenous status of the mother (2015−2017). Three years of aggregate data are reported for current year analysis for Indigenous status of the baby and of the Indigenous status of the mother stratified by Indigenous status of the baby (2015–2017).

Box 26 **Results**

For this report, new data for this indicator are available for 2017. This results in new aggregate year data for 2015–2017.

- Single year data by State and Territory (Indigenous status of the mother) are presented in table NIRA.7.1.
- Single year data by State and Territory by remoteness (Indigenous status of the mother) are presented in table NIRA 7.2.
- Single year data by State and Territory (Indigenous status of the infant) are presented in table NIRA.7.3.
- Single year data by State and Territory by remoteness (Indigenous status of the infant) are presented in table NIRA 7.4.
- Aggregate year data by State and Territory (Indigenous status of the mother) are presented in table NIRA.7.5.
- Aggregate year data by State and Territory, by remoteness (Indigenous status of the mother) are presented in table NIRA.7.6.
- Aggregate year data by State and Territory (Indigenous status of the infant) are presented in table NIRA.7.7.
- Aggregate year data by State and Territory by remoteness (Indigenous status of the infant) are presented in table NIRA 7.8.
- Aggregate year data by State and Territory (Indigenous status of the mother and of the baby) are presented in table NIRA.7.9.

Data are available for: 2016 in the 2017-18 NIRA performance report; 2015 in the 2016-17 NIRA performance report; 2014 in the 2015-16 NIRA performance report; 2013 in the 2014-15 NIRA performance report; and, 2012 in the 2013-14 NIRA performance report. Data for 2011 and remoteness data for 2010, 2009, 2008 and 2007 (Indigenous status of the mother only) are available in the 2012-13 NIRA performance report. Data for 2007 to 2010 are available in the 2011-12 NIRA performance report.

Box 27 Comment on data quality

Key points on data quality for this indicator are summarised below.

- The data provide relevant information on the proportion of babies born of low birth weight. Data are available by State and Territory.
- Data are collected and published annually. The most recent available data are for 2017. Data are presented as three-year combined data due to the volatility of the small numbers involved. Single year data are reported for time series comparisons.
- Records where Indigenous status was not stated were excluded from Indigenous and non-Indigenous analyses but were included in totals.
- Indigenous status of the baby was added to the perinatal National Minimum Data Set for collection from July 2012. Nationally standardised data about the Indigenous status of the infant were supplied from all jurisdictions to the NPDC with the first full year of reporting against the standards for 2013 (previously, non-standardised data were available for limited jurisdictions only).
- Supplementary data were reported for Indigenous status of the mother stratified by Indigenous status of the infant (three full years of data, 2015–2017 combined, are available).
- Data for Indigenous status are influenced by the quality of Aboriginal and Torres Strait Islander identification of mothers and babies in the NPDC, which is likely to differ across jurisdictions.
- Data are reported by remoteness and Indigenous status of both the mother and the infant. Remoteness data for 2017 are not directly comparable to earlier years due to the application of new ABS remoteness areas based on the 2016 Census (similarly, remoteness data for 2012 to 2016 are not directly comparable to earlier years, due to the application of new ABS remoteness areas based on the 2011 Census).
- Detailed explanatory notes are publicly available to assist in the interpretation of results.
- Additional data from the data source are available online, and on request.

The Steering Committee also notes the following issues:

- The AIHW is working with jurisdictions on an ongoing basis to improve the capture, quality and timeliness of the data.
- The NIRA PIMG has advised that single year data should only be used for time series analysis and reporting. Current period analysis should refer to the most recent aggregate year data.

Indicator 8: Tobacco smoking during pregnancy

Key amendments from previous cycle of reporting:	This indicator is unchanged from the previous NIRA performance report
Target:	Halving the gap in mortality rates for Indigenous children under five within a decade (by 2018)
Measure:	Proportion of mothers who smoked during pregnancy, by Indigenous status The measure is defined as: • *Numerator* — number of women who smoked during pregnancy • *Denominator* — total number of women who gave birth presented as a *percentage of the relevant population* Rate ratios and rate differences are calculated for comparisons between Aboriginal and Torres Strait Islander and non-Indigenous Australians. The data exclude pregnant women whose smoking status during pregnancy is unknown or not stated. Age standardised rates are calculated for comparing Aboriginal and Torres Strait Islander and non-Indigenous Australians using: • the direct method • five year age groups from 15–19 years to 40–44 years • the 30 June 2001 Australian female Estimated Resident Population (ERP) based on the 2001 Census as the standard population.
Data source:	*Numerator and denominator* — AIHW National Perinatal Data Collection (NPDC). Data are available annually
Data provider:	AIHW
Data availability:	2017
Cross tabulations provided:	State and Territory, Aboriginal and Torres Strait Islander (crude rates), by : • smoking status • smoking status by remoteness (based on 2016 ASGS) State and Territory, by Indigenous status (age standardised rates), by: • smoking status • smoking status by remoteness (based on 2016 ASGS)

Box 28 **Results**

For this report, new data for this indicator are available for 2017.

- Crude rates for Aboriginal and Torres Strait Islander females by State and Territory are presented in table NIRA.8.1
- Crude rates for Aboriginal and Torres Strait Islander females by State and Territory, by remoteness are presented in table NIRA.8.2
- Age standardised rates, by State and Territory, by Indigenous status are presented in table NIRA.8.3.
- Age standardised rates, by State and Territory, by Indigenous status, by remoteness are presented in table NIRA.8.4.

Data are available for: 2015 in the 2016-17 NIRA performance report; 2014 in the 2015-16 NIRA performance report; and, 2013 in the 2014-15 NIRA performance report.

Data for age standardised rates are available for 2012, 2011, 2010, 2009, 2008 and 2007 in the 2013-14 NIRA performance report.

Data for crude rates are available for; 2012 in the 2013-14 NIRA performance report; 2011 in the 2012-13 NIRA performance report; 2010 in the 2011-12 NIRA performance report; 2009 in the 2010-11 NIRA performance report; and, 2007 and 2008 in the 2009-10 NIRA performance report.

Box 29 **Comment on data quality**

Key points on data quality for this indicator are summarised below.

- Data provide relevant information on the rate of tobacco smoking of mothers during pregnancy. Data are available by State and Territory.
- Data for this indicator are available annually. The most recent available data are for 2017.
- Data on females who smoked during pregnancy includes those who quit smoking during pregnancy. Data excludes women whose smoking status was not stated.
- From 2012, all States and Territories reported against the standardised data items on smoking during pregnancy included in the Perinatal National Minimum Data Set. For previous data, lack of consistent smoking questions affected comparability across jurisdictions.
- Changing levels of Aboriginal and Torres Strait Islander identification over time and across jurisdictions may affect the accuracy of time series data.
- Data are reported by remoteness for this indicator. Remoteness data for 2017 are not directly comparable to earlier years due to the application of new ABS remoteness areas based on the 2016 Census (similarly, remoteness data for 2012 to 2016 are not directly comparable to earlier years, due to the application of new ABS remoteness areas based on the 2011 Census).
- Detailed explanatory notes are publicly available to assist in the interpretation of results.
- Additional data from the data source are available on-line, and on request.

The Steering Committee also notes the following issue:

- The AIHW is working with jurisdictions on an ongoing basis to improve the capture, quality and timeliness of the data.

Indicator 9: Antenatal care

Key amendments from previous cycle of reporting:	This indicator is unchanged from the previous NIRA performance report
Target:	Halving the gap in mortality rates for Indigenous children under five within a decade (by 2018)
Measure:	There are two measures for this indicator, both to be reported by Indigenous status: Measure (9a): Number of women who gave birth, where an antenatal visit was reported in the first trimester, as a proportion of women who gave birth Measure (9b): Number of women who gave birth, where five or more antenatal visits were reported, as a proportion of women who gave birth Age standardised rates are calculated for Aboriginal and Torres Strait Islander and non−Indigenous Australians using: • the direct method • five year age groups from 15–19 years to 40–44 years • the 30 June 2001 Australian female Estimated Resident Population (ERP) based on the 2001 Census as the standard population. Rate ratios and rate differences are calculated for comparisons between Aboriginal and Torres Strait Islander and non-Indigenous Australians Variability bands accompanying perinatal data should be used for the purposes of comparisons over time and for national estimates at a point in time for Aboriginal and Torres Strait Islander /non-Indigenous comparisons.
Measure (9a):	Number of women who gave birth, where an antenatal visit was reported in the first trimester, as a proportion of women who gave birth, by Indigenous status The measure is defined as: • *Numerator* — number of women who gave birth who attended at least one antenatal visit in the first trimester (up to and including 13 completed weeks), for at least one live or stillborn baby. • *Denominator* — total number of women who gave birth, for at least one live or still born baby (where gestation at first antenatal visit is known) presented as a *percentage of the relevant population*
Measure (9b):	Number of women who gave birth, where five or more antenatal visits were reported, as a proportion of women who gave birth, by Indigenous status The measure is defined as: • *Numerator* — number of women who gave birth who attended five or more antenatal visits for pregnancy of 32 or more weeks gestational age, for at least one live or stillborn baby • *Denominator* — total number of women who gave birth to a baby of 32 weeks or more gestation, for at least one live or still born baby (where number of antenatal visits is known) presented as a *percentage of the relevant population*
Data source (9a and 9b):	Numerator and denominator — AIHW National Perinatal Data Collection (NPDC)
Data provider (9a and 9b):	AIHW
Data availability (9a and 9b):	2017

Cross tabulations provided (9a and 9b):	State and Territory, by: • Aboriginal and Torres Strait Islander (crude rates) • Aboriginal and Torres Strait Islander by remoteness (measure (a) only) (crude rates) (based on 2016 ASGS) • Indigenous status (age standardised rates) • Indigenous status by remoteness (age standardised rates) (based on 2016 ASGS)

Box 30 **Results**

For this report, new data for this indicator are available for 2017.

- Crude data for Aboriginal and Torres Strait Islander women by State and Territory are presented in tables NIRA.9.1 and NIRA.9.3.
- Crude data for Aboriginal and Torres Strait Islander women by State and Territory, by remoteness are presented in table NIRA.9.2.
- Age standardised data by State and Territory, by Indigenous status are presented in tables NIRA.9.4 and NIRA.9.5.
- Age standardised data by State and Territory, by Indigenous status, by remoteness are presented in tables NIRA.9.6 and NIRA.9.7.

Data are available for: 2016 in the 2017-18 NIRA performance report; 2015 in the 2016-17 NIRA performance report; 2014 in the 2015-16 NIRA performance report; and, 2013 in the 2014-15 NIRA performance report.

Age standardised data are available for 2012, 2011, 2010, 2009, 2008 and 2007 in the 2013-14 NIRA performance report.

Data for crude rates are available for: 2012 in the 2013-14 NIRA performance report; 2011 in the 2012-13 NIRA performance report; and, 2010, 2009, 2008 and 2007 in the 2011-12 NIRA performance report.

The attachment table contents page provides a complete list of data tables for this indicator.

Box 31 **Comment on data quality**

Key points on data quality for this indicator are summarised below.

- Data provide relevant information on the proportion of women who attended an antenatal visit in the first trimester (measure 9a) and the proportion of women who attended at least five antenatal visits (measure 9b).
- Data for measure 9(a) are available for all states and territories from 2011. Data for measure 9(b) are available for all states and territories from 2016.
- Annual data are available. The most recent available data are for 2017.
- Antenatal care definitions and response rates differ across jurisdictions and comparisons should be made with caution.
- Changing levels of Aboriginal and Torres Strait Islander identification over time and across jurisdictions may affect the accuracy of time series data. Records where Indigenous status was not stated were excluded from analyses.
- Data are reported by remoteness for this indicator. Remoteness data for 2017 are not directly comparable to earlier years due to the application of new ABS remoteness areas based on the 2016 Census (similarly, remoteness data for 2012 to 2016 are not directly comparable to earlier years, due to the application of new ABS remoteness areas based on the 2011 Census).
- Detailed explanatory notes are publicly available to assist in the interpretation of results.

The Steering Committee also notes the following issue:

- The AIHW is working with jurisdictions on an ongoing basis to improve the capture, quality and timeliness of the data

Indicator 10: The proportion of Indigenous children, who are enrolled in (and attending, where possible to measure) a preschool program in the year before formal schooling

Key amendments from previous cycle of reporting:	Historical data (2015 to 2017) for measure 10a have been resupplied due to new Aboriginal and Torres Strait Islander population data.
Target:	95 per cent of all Indigenous four-year-olds enrolled in early childhood education (by 2025)
Measure:	There are two measures for this indicator: Measure (a): the proportion of children enrolled in a preschool program in the year before full time schooling. Measure (b): the proportion of children attending a preschool program in the year before full time schooling.
Measure (10a)	Measure (a): the proportion of children enrolled in a preschool program in the year before full time schooling. The measure is defined as • *Numerator* – estimated number of children enrolled in a preschool program in the year before full time schooling. • *Denominator* – Estimated number of children in the year before full time school (based on adjusted potential population* age in months relating to school starting provisions in each state/territory). presented as a percentage. *Potential population: • *Jurisdictions with wider age cohorts of children in the 'year' before full time school* — the number of children already in full time school has been subtracted from the revised population estimates to create a cohort of children who could be in an Early Childhood Education Program prior to attending school the following year. • *Jurisdictions with early school starters* — counts of children aged 4 years who are enrolled in school (early starters) have been subtracted from the population denominator • *Adjusted population* — population estimates/projections (based on 2016 Census).
Measure (10b)	Measure (b): the proportion of children attending a preschool program in the year before full time schooling. The measure is defined as: • *Numerator* — the number of children attending a preschool program (for at least one hour in the reference week) in the year before full time schooling. • *Denominator* — estimated number of children enrolled in a preschool program in the year before full time schooling presented as a percentage.
Data source (10a):	*Numerator* — ABS National Early Childhood Education and Care Collection (NECECC) *Denominator* — ABS Estimated Resident Population (ERP) for total population and ABS Estimates and Projections for Aboriginal and Torres Strait Islander population. Non-Indigenous population estimates are calculated by subtracting the Aboriginal and Torres Strait Islander population estimates/projections based on the 2016 Census from the total population estimates. Denominator includes deductions for children in the target age ranges who are enrolled in school from ABS Schools, Australia.
Data source (10b):	*Numerator and denominator* — ABS NECECC
Data provider:	ABS

Data availability:	2018 NECECC 30 June 2018 (revised 2015 to 2017) (based on 2016 Census) — Population
Cross tabulations provided 10a:	State and Territory by Indigenous status
Cross tabulations provided 10b:	State and Territory by Indigenous status Nationally by remoteness (2016 ASGS), by Indigenous status

Additional note:

Collection of data involves alignment of the numerator and denominator by:

- for attendance and enrolment place of residence – child is counted where they reside, not by where the provider is located
- for enrolment only treatment of not stated Indigenous status – Indigenous count includes addition of a share of children enrolled with a not stated Indigenous status in proportion to the ratio of children enrolled with known Indigenous status. (For attendance not stated Indigenous status is excluded from the numerator).

Box 32 **Results**

For this report, new data for this indicator are available for 2018, and revised data are available for 2015 to 2017 for the measure on enrolment rates.

- Data for children enrolled in a preschool program in the year before full time schooling, by State and Territory, by Indigenous status for 2018 are presented in table NIRA.10.1. Revised rates from 2015 to 2017 are provided to maintain a time series, presented in tables NIRA.10.4–10.6. The attachment tables provides a complete time series for this measure.
- Data for children attending a preschool program in the year before full time schooling, by State and Territory, by Indigenous status are presented in table NIRA.10.2.
- Data for children attending a preschool program in the year before full time schooling, by Indigenous status, by remoteness are presented in table NIRA.10.3.

Data on the proportion of children attending a preschool program in the year before full time schooling are available for: 2017 in the 2017-18 NIRA performance report; 2016 in the 2016-17 NIRA performance report; 2015 in the 2015-16 NIRA performance report.

Box 33 Comment on data quality

Key points on data quality for this indicator are summarised below.

- Data provide relevant information on the proportion of Aboriginal and Torres Strait Islander children enrolled in, and attending, a preschool program in the year before full time schooling.
- Data are available annually from the ABS National Early Childhood Education and Care Collection, with the most recent data for 2018.
- Data are provided for both enrolment and attendance rates, by State and Territory.
- Enrolment rates (measure 10a) use population data to derive rates.
  - Rates for historic data (from 2015 to 2017) have been revised to account for new ABS Aboriginal and Torres Strait Islander population estimates and projections (based on the 2016 Census) released in July 2019.
  - Non-Indigenous population estimates are available for Census years only. In the intervening years, population estimates are only available for the total population and the Aboriginal and Torres Strait Islander population, with non-Indigenous population estimates derived by subtracting the projected Aboriginal and Torres Strait Islander population from the total population. For this report the non-Indigenous population denominators have been calculated by subtracting the 2016 Census-based Aboriginal and Torres Strait Islander estimates and projections from the total Estimated Resident Population. Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases.
- Attendance rate data (measure 10b) are available nationally by remoteness. Remoteness data for 2018 are not directly comparable to earlier years due to the application of new ABS remoteness areas based on the 2016 Census. Currently data are not available for enrolment rates (measure 10b) by remoteness, due to the lack of reliable method for calculating the potential population estimates by remoteness.
- Additional information is available on-line or on request from the ABS.

The Steering Committee also notes the following:

- Direct comparisons of data from 2016 onwards cannot be made with 2015 data. Whilst the method for deriving data for these measures remains unchanged from 2015, for the 2016 NECECC the ABS:
  - improved its data linkage approach to enhance the accuracy of child counts, resulting in a lower count of preschool enrolments
  - incorporated data from an expanded child identification strategy in the Child Care Management System (CCMS – an input to the NECECC), resulting in a higher count of preschool enrolments from the CCMS data.

Indicator 11: Percentage of students at or above the national minimum standard in reading, writing and numeracy for years 3, 5, 7 and 9

Key amendments from previous cycle of reporting:	Data for 2018 are available for this report.
Target:	Halving the gap for Indigenous students in reading, writing and numeracy within a decade (by 2018)
Measure:	There are two measures for this indicator: Measure (11a): the proportion of students at or above the national minimum standard for reading, writing and numeracy, in years 3, 5, 7 and 9, by Indigenous status Measure (11b): the rates of participation in NAPLAN reading, writing and numeracy tests — years 3, 5, 7 and 9 , by Indigenous status
Measure (11a):	Percentage of students at or above the national minimum standard for reading, writing and numeracy, in years 3, 5, 7 and 9, by Indigenous status [Note: NAPLAN reports the percentage of students who achieved at or above the national minimum standard. The complex process by which student scores are arrived at and distributed across the national achievement bands (using the Rasch model, a recognised analysis model for educational measurement) are agreed by states, territories and the Australian Government and endorsed by the then NAPLAN Expert Advisory Group. Due to the complexities of the methodology, it is not possible (with the data currently provided) to give a simple computation of the precise number of students at or above the national minimum standard, which is best reported in the bands designed for that purpose]
Measure (11b):	Rates of participation in NAPLAN reading writing and numeracy tests — years 3, 5, 7 and 9, by Indigenous status The measure is defined as: • *Numerator* — number of assessed and exempt students in years 3, 5, 7 and 9, by Indigenous status • *Denominator* — total number of students (including those absent and withdrawn) in years 3, 5, 7 and 9, by Indigenous status and is presented as a *percentage*
Data source (11a and 11b)	ACARA National Assessment Program — Literacy and Numeracy (NAPLAN). Data are collected annually
Data provider (11a and 11b):	ACARA
Data availability (11a and 11b):	2018
Cross tabulations provided:	Measure (11a): For each year level (3, 5, 7 and 9 — reported individually), by learning domain (reading, writing and numeracy — reported individually), by • State and Territory, by • Indigenous status, by • Remoteness (based on the 2016 ASGS since 2018). Measure (11b): For each year level (3, 5, 7 and 9 — reported individually), by learning domain (reading, writing and numeracy — reported individually), by • State and Territory, by • Indigenous status, by • Remoteness (based on 2016 ASGS since 2018).

Box 34 Comment on data availability

For this report, new data for this indicator are available for 2018. The 2019 NAPLAN data were not available in time for inclusion in this Report.

- Data for students at or above the national minimum standard by State and Territory, by Indigenous status, are presented in tables NIRA.11.1–4 (for 2018).
- Data for students at or above the national minimum standard by State and Territory, by Indigenous status, by remoteness, are presented in tables NIRA.11.5–16 (for 2018).
- Data for rates of participation by State and Territory, by Indigenous status, by remoteness, are presented in tables NIRA.11.17–20 (for 2018)
- Data for student exemptions, absences and withdrawals by State and Territory, by Indigenous status, are presented in tables NIRA.11.21–23 (for 2018).

Data are available for: 2017 in the 2016-17 NIRA performance report; 2016 in the 2015-16 NIRA performance report; 2015 in the 2014-15 NIRA performance report; 2014 in the 2013-14 NIRA performance report; 2013 in the 2012-13 NIRA performance report; 2012 in the 2011-12 NIRA performance report; 2011 and 2010 in the 2010-11 NIRA performance report; and, 2009 and 2008 in the 2009-10 NIRA performance report.

Box 35 Comment on data quality

Key points on data quality for this indicator are summarised below.

- The data provide relevant information on the literacy and numeracy participation and achievement of year 3, 5, 7 and 9 students in national testing for the learning domains of reading, writing and numeracy.
- All data are collected annually. The most recent data available are for 2019.
- Data are available by State and Territory by Indigenous status and by remoteness.
- Students are classified in four ways: assessed, exempt, absent and withdrawn. Exempt students do not sit the test and for reporting purposes are deemed not to have met the national minimum standard. The reported statistics include results for absent and withdrawn students that have been statistically imputed. Data are provided on the proportion of students who were exempt, absent and withdrawn.
- Remoteness data are based on: the 2016 ASGS from 2019 onwards; the 2011 ASGS for years 2016 to 2018; and, the Ministerial Council for Education, Early Childhood Development and Youth Affairs (MCEECDYA) geographical location classification for years prior to 2016. Care should be taken when comparing remoteness area data over time, as the 2016 ASGS, 2011 ASGS and MCEECDYA geographic location classification do not have the same geographical boundaries.
- Detailed explanatory notes are publicly available to assist in interpretation.
- Additional data from the data source are available on-line.

The Steering Committee also notes the following issues.

- In 2011 there was a break in the time series for writing achievement results. Data for 2011 to 2019 inclusive are comparable, but they are not comparable to previous years (2008 to 2010).
- Commencing in 2018, NAPLAN is transitioning from a paper test to an online test. For the 2018 and 2019 transition years, the online test results have been equated with the paper tests so that the results can be compared and reported on the same NAPLAN achievement scale.
- Relevant confidence intervals should be considered when interpreting the data in this report. Confidence intervals have not been provided with this report, as different confidence intervals are relevant to different analyses.

Indicator 12: Attainment of Year 12 or equivalent

Key amendments from previous cycle of reporting:	This indicator is unchanged from the previous NIRA performance report.
Target:	Halving the gap for Indigenous people aged 20–24 in Year 12 attainment or equivalent attainment rates (by 2020)
Measure:	There are two measures for this indicator: Measure 12(a): Proportion of the 20−24 year old population having attained at least a Year 12 or equivalent or Australian Qualifications Framework (AQF) Certificate level II or above, by Indigenous status Measure 12(b): Year 12 certification, by Indigenous status
Measure 12(a)	Proportion of the 20–24 year old population having attained at least a Year 12 or equivalent or AQF Certificate II or above, by Indigenous status The measure is defined as: • *Numerator* — people aged 20–24 years who have completed year 12 or equivalent or whose level of highest non-school qualification is at AQF Certificate II or equivalent or above • *Denominator* — total population of people aged 20–24 years and is presented as a *percentage* Census and SEW data: People whose level of attainment is determined to be certificate level but is not able to be further defined (ie, Certificate nfd) are assumed to have attained below Certificate level II and are therefore excluded from the numerator SEW data: people whose highest level of attainment cannot be determined are assumed to have attained below Certificate II and are therefore not included in the numerator Census data: People who did not state if they had a non-school qualification (or whose level of education was inadequately described) and did not have Year 12, are excluded from the calculation (numerator and denominator). People who did not state their highest year of school and did not have a qualification at certificate II level or above, are also excluded.
Measure 12(b)	Measure yet to be developed
Data source (Measure 12(a)):	Main data collection *Numerator and denominator* — (Indigenous status) ABS Census of Population and Housing (Census count of population). Data are available every 5 years. Supplementary data collection *Numerator and denominator* — (Aboriginal and Torres Strait Islander) ABS National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)[6] and ABS National Aboriginal and Torres Strait Islander Social Survey (NATSISS). Data are available on an alternating three-yearly cycle. (Non-Indigenous) ABS Survey of Education and Work (SEW) — Data are available annually.
Data provider (measure 12(a)):	ABS
Data availability (measure 12(a)):	Main data collection No new data available for this report. Supplementary data collection

6 For 2012-13, included data from the National Aboriginal and Torres Strait Islander Nutrition and Physical Activity Survey (referred to as the core component of the AATSIHS).

	2018-19 (Aboriginal and Torres Strait Islander data) — NATSIHS 2018 (non-Indigenous data) — SEW
Cross tabulations provided (measure 12(a)):	State and Territory, by: • Indigenous status National, by: • Indigenous status by remoteness (based on 2016 ASGS for Aboriginal and Torres Strait Islander people and 2011 ASGS for non-Indigenous people)

Box 37 **Results**

For this report, new data are available from the supplementary data source (survey) for measure (a).

- Data by State and Territory, by Indigenous status are presented in table NIRA.12.1.
- Data by Indigenous status, by remoteness are presented in table NIRA.12.2.

Historical supplementary data from the 2014-15 NATSISS and 2014 SEW were reported in the 2015-16 NIRA performance report, and data from the 2012-13 AATSIHS and 2012 SEW were reported in the 2013-14 NIRA performance report. Supplementary data for 2008 were reported in the 2008-09 baseline NIRA performance report, with disaggregation by remoteness reported in the 2012-13 NIRA performance report (Aboriginal and Torres Strait Islander people only).

Data from the main data source (Census) are available in the 2016-17 NIRA performance report (2016 Census), the 2011-12 NIRA performance report (2011 Census) and baseline 2008-09 NIRA performance report (2006 Census). Disaggregations by remoteness are available in the 2017-18 NIRA performance report (2016 Census) and the 2012-13 NIRA performance report (2011 and 2006 Census).

Box 38 Comment on data quality

Key points on data quality for this indicator are summarised below.

- Data provide relevant information on the proportion of 20–24 year olds who have completed year 12 or equivalent or AQF Certificate II or above (measure (a)). Data are available by State and Territory.
- The most recent data available for Aboriginal and Torres Strait Islander people (from the supplementary data source) are for 2018-19 from the NATSIHS (data alternating with the NATSISS on a 3-yearly rotating cycle).
- The most recent data available for non-Indigenous people (from the supplementary data source) are for 2018 from the SEW (available annually).
- Data are of acceptable accuracy. Some proportions have a large confidence interval and should be used with caution.
- Detailed explanatory notes are publicly available to assist in the interpretation of results. Additional data from the data source are available on-line, and on request.

The Steering Committee also notes the following issues:

- For the remoteness data provided in this report, data for Aboriginal and Torres Strait Islander people are not directly comparable to data for non-Indigenous people due to the use of different versions of the ASGS.
- The wording of the indicator in the NIRA lists the qualifications to be considered as year 12 or equivalent or AQF Certificate II. The Steering Committee received advice from the relevant education committees that the intention of the indicator was to consider the proportion of people with year 12 or equivalent or AQF Certificate II or above (the intention being to determine the proportion of the population with at least (but not limited to) year 12 or equivalent). The reported data support this interpretation of the measure.
- Census data are generally not directly comparable to survey data when measuring change over time.
- The size of some standard errors means that the survey data may not be adequate for measuring difference. Comparisons over time or across jurisdictions may be difficult to assess if the size of the standard errors is large compared to the difference between the estimates.

Indicator 13: Attendance rates year 1 to year 10

Key amendments from previous cycle of reporting:	This indicator is unchanged from the previous NIRA performance report
Target:	Close the gap between Aboriginal and Torres Strait Islander and non-Indigenous school attendance within five years (by the end of 2018).
Measure:	There are three measures for this indicator: Measure 13(a) (main measure): Overall attendance rates for students in years 1 to 10, by Indigenous status [*student attendance rate*] Measure 13(b) (supplementary measure): Proportion of students who attend school 90 per cent or more of the time, by Indigenous status [*student attendance level*] Measure 13(c) (supplementary measure): Number and proportion of schools achieving 90 per cent or greater average school attendance, by Indigenous status
Measure (13a)	The rate of attendance for students in years 1 to 10, by Indigenous status The measure is defined as: • *Numerator* — aggregate number of actual days in attendance in the collection period, for children in years 1–10 (children enrolled full time only[7]) • *Denominator* — aggregate number of possible days for attendance in the collection period, for children in years 1–10 (children enrolled full time only[7]) presented as a *percentage of possible days of attendance*
Measure (13b)	The proportion of students who attend school 90 per cent or more of possible attendance for students in years 1 to 10, by Indigenous status The measure is defined as: • *Numerator* — sum of possible school days for students attending more than or equal to 90 per cent of possible days in the collection period, for children in years 1–10 (children enrolled full time only)[7] • *Denominator* — sum of possible school days (the days each student is expected to attend) for all students in the collection period, for children in years 1–10 (children enrolled full time only[7]) presented as a *percentage* Data are compiled using this formula based on the National Standard for Student Attendance Reporting.
Measure (13c)	The number and proportion of schools achieving 90 per cent attendance on average by Indigenous status. The measure is defined as: • *Numerator* 1 — aggregate number of schools for which the average attendance rate (measure 13a) for Aboriginal and Torres Strait Islander students in years 1–10 is 90 per cent or more. • *Denominator* 1 — aggregate number of schools reporting Aboriginal and Torres Strait Islander student attendance rates for years 1–10 • *Numerator* 2 — aggregate number of schools for which the average attendance rate (measure 13a) for non-Indigenous students in years 1–10 is 90 per cent or more. • *Denominator* 2 — aggregate number of schools reporting non-Indigenous student attendance rates for years 1–10 presented as *number and proportion of schools*

[7] See National Standards for School Attendance Data Reporting (http://www.acara.edu.au/reporting/national-standards-for-student-attendance-data-reporting).

Data source (13a, 13b, 13c):	*Numerator and denominator* — National Student Attendance Collection. Data are collected annually
Data provider (13a, 13b, 13c):	ACARA
Data availability (13a, 13b, 13c):	2019 (Semester 1)
Cross tabulations provided 13a	State and Territory and nationally, by Indigenous status, by • Combined year levels and sectors, by remoteness • Year level (1–10 individually), by school sector (government, Catholic, independent and non-government)
Cross tabulations provided 13b	State and Territory and nationally, by Indigenous status, by • Combined year levels for government sector, by remoteness • Combined year levels for non-government sector, by remoteness Data are reported for ABS remoteness categories from 2016, previously by geolocation.
Cross tabulations provided 13c	State and Territory and nationally, by Indigenous status, by • Combined year levels and sectors, by remoteness (based on ASGS 2016 from 2019)

Box 38 **Results**

For this report, new data for this indicator are available for 2019.

- Data on student attendance rates (combined year level and combined sectors) by State and Territory, by Indigenous status are presented in table NIRA.13.1 and by remoteness in table NIRA.13.2.
- Data on student attendance rates (individual year levels; combined and individual sectors) by State and Territory, by Indigenous status are presented in tables NIRA.13.3–13.7.
- Data on student attendance level (combined year levels) by State and Territory, by Indigenous status are presented in tables NIRA.13.8 (government schools) and NIRA.13.9 (non-government schools), and by remoteness in tables NIRA.13.10 (government schools) and NIRA.13.11 (non-government schools).
- Data on school attendance level (combined year levels and combined sectors) by State and Territory, by Indigenous status are presented in table NIRA.13.12 and by remoteness in table NIRA.13.13.

Historical data are available for: 2018 in the 2017-18 NIRA performance report; 2017 in the 2016-17 NIRA performance report; and, 2016 in the 2015-16 NIRA performance report. Historical data are available for 2014 and 2015 attendance rates and 2015 attendance levels in the 2014-15 NIRA performance report.

Box 39 Comment on data quality

Key points on data quality for this indicator are summarised below.

- The data provide relevant information on school attendance across year 1 to year 10.
- Annual data are available from 2014 onwards for attendance rates (2015 onwards for attendance level measures). The most recent available data are for 2019 and included in this report. Data relate to Semester 1 only.
- Data are available by State and Territory, and by Indigenous status by remoteness. Remoteness data are based on: the 2016 ASGS from 2019 onwards; the 2011 ASGS for years 2016 to 2018; and, the MCEECDYA geographical location classification for years prior to 2016. Care should be taken when comparing remoteness area data over time, as the 2016 ASGS, 2011 ASGS and MCEECDYA geographic location classification do not have the same geographical boundaries.
- Measure (b) refers to the proportion of students attending 90 per cent or more days of possible attendance for students in years 1–10. For this measure estimates are based on the nationally agreed measure of full-time equivalent students, dependent on the sum of 'possible school days' for students. From 2016 onwards, data across the non-government sector are calculated on a comparable basis with government schools data (prior to 2016 non-government estimates were based on a different measure of headcounts of students attending more than 90 per cent of the time, and not directly comparable with the government schools data).
- Measure (c) refers to the proportion of schools achieving 90 per cent or more attendance on average in years 1–10. The exclusion of certain schools for attendance data includes:
  - where a school has multiple campuses the student attendance is reported by rolling all campuses together counting the school once in the numerator and denominator
  - where student attendance rates have not been provided by the jurisdiction or where rates have been suppressed due to small numbers, schools are excluded from the numerator and denominator.
- Detailed explanatory notes are publicly available to assist interpretation of results.
- Additional data from the data source are available on-line or on request.

The Steering Committee also notes the following issues:

- Student attendance data for NSW government schools were collected according to national standards for the first time in 2018. Data for NSW government schools from 2018 are not directly comparable to previous years, and pre-2018 are not directly comparable across jurisdictions.

Indicator 14: Level of workforce participation

Key amendments from previous cycle of reporting:	This indicator is unchanged from the previous NIRA performance report
Target:	Halving the gap in employment outcomes between Indigenous and non−Indigenous Australians within a decade (by 2018)
Measure:	There are three measures for this indicator: Measure 14(a) (direct measure): Employment to population ratio for the working age population, by Indigenous status Measure 14(b) (supporting measure): Unemployment rate, by Indigenous status Measure 14(c) (supporting measure): Labour force participation rate, by Indigenous status As this indicator is used for reporting against the employment outcomes target, for all three measures Census data are reported in two ways: • as per the measures below • as per the measures below but excluding people living in non-private dwellings, members of the permanent defence forces and members of foreign representation (this second presentation is to align with the survey data used for this indicator) For all three measures, the SEW data for the baseline are averaged over the 2008 and 2009 collections to align with the 2008 NATSISS collection period.
Measure (14a):	Proportion of the working age population who are employed, by Indigenous status The measure is defined as: • *Numerator* — number of people aged 15–64 years employed excluding those whose Indigenous status and labour force status were not stated and overseas and temporary visitors • *Denominator* — total population of people aged 15–64 years excluding those whose Indigenous status and labour force status were not stated and overseas and temporary visitors presented as a *percentage.*
Measure (14b):	Proportion of the labour force aged 15–64 years who are unemployed, by Indigenous status The measure is defined as: • *Numerator* — number of people unemployed aged 15–64 years excluding those whose Indigenous status and labour force status were not stated and overseas and temporary visitors • *Denominator* — total number of people in the labour force aged 15–64 years excluding those whose Indigenous status and labour force status were not stated and overseas and temporary visitors presented as a *percentage.*
Measure (14c):	Proportion of the working age population who are in the labour force, by Indigenous status The measure is defined as: • *Numerator* — number of people aged 15–64 years in the labour force excluding those whose Indigenous status and labour force status were not stated and overseas and temporary visitors • *Denominator* — total number of people aged 15–64 years excluding those whose Indigenous status and labour force status were not stated and overseas and temporary visitors Presented as a *percentage.*

Data sources (14a, 14b, 14c):	Main data collection (Aboriginal and Torres Strait Islander) ABS National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)[8] and ABS National Aboriginal and Torres Strait Islander Social Survey (NATSISS). Data are collected on an alternating three-yearly cycle (Non-Indigenous) ABS Survey of Education and Work (SEW). Data are available annually Supplementary data collection Numerator and denominator (Aboriginal and Torres Strait Islander and non-Indigenous) — ABS Census of Population and Housing (Census). Data are collected every five years
Data provider (14a, 14b, 14c):	ABS
Data availability (14a, 14b, 14c):	Main data collection 2018-19 (Aboriginal and Torres Strait Islander data) — NATSIHS 2017-18 (non-Indigenous data) — SEW Supplementary data collection No new data available for this report.
Cross tabulations provided (14a, 14b, 14c):	State and Territory, by: • Indigenous status • remoteness (measures 14(a) and 14(c)) (based on 2016 ASGS for Aboriginal and Torres Strait Islander and 2011 ASGS for non-Indigenous) National, by: • Indigenous status by remoteness (measure 14(b) (based on 2016 ASGS for Aboriginal and Torres Strait Islander and 2011 ASGS for non-Indigenous)

8 For 2012-13, included data from the National Aboriginal and Torres Strait Islander Nutrition and Physical Activity Survey (referred to as the core component of the AATSIHS).

Box 40 **Results**

For this report, new data are available from the main data source (survey) for 2018-19.

- Data on the proportion of the working age population employed, by State and Territory are presented in table NIRA.14.1 and by remoteness in table NIRA 14.4
- Data on the proportion of the labour force who are unemployed, by State and Territory are presented in table NIRA.14.2. National data by remoteness are in table NIRA 14.6
- Data on the proportion of the working age population who are in the labour force are presented in table NIRA.14.3 and by remoteness in table NIRA 14.5.

Historical data for the 2014-15 NATSISS and 2014 SEW are available in the 2015-16 NIRA performance report. Historical data from the 2012-13 AATSIHS and 2012 SEW are available in the 2013-14 NIRA performance report. Historical data for 2008 are in the baseline 2008-09 NIRA performance report, with disaggregations by remoteness in the 2012-13 NIRA performance report.

Data from the supplementary data source (Census data) are available in: the 2017-18 NIRA performance report for 2016 Census (by remoteness) and 2011 Census (survey comparison scope); the 2016-17 NIRA performance report for 2016 Census (except by remoteness); the 2012-13 NIRA performance report for 2011 Census (by remoteness) and 2006 Census (by remoteness); the 2011-12 NIRA performance report for 2011 Census (except by remoteness); and, the baseline 2008-09 NIRA performance report 2006 Census (except by remoteness).

Box 41 **Comment on data quality**

Key points on data quality for this indicator are summarised below.

- Data provide relevant information on the level of workforce participation for 15–64 year olds (employment, labour force participation and unemployment). Data are available by State and Territory.
- The most recent available data are from the main data source (surveys), with the data in respect of 2018-19 for Aboriginal and Torres Strait Islander people (from the NATSIHS) and 2018 for non-Indigenous people (from the SEW).
- Supplementary data are available every five years from the Census.
- While there are differences in methodologies between the NATSIHS/SEW and Census data, these differences do not affect their broad consistency for the measures.
- Data are of acceptable accuracy. Some proportions have a large confidence interval and should be used with caution.
- Detailed explanatory notes are publicly available to assist in the interpretation of results.
- Additional data from the data source are available on-line, and on request.

The Steering Committee also notes the following issues:

- The size of some standard errors means that the survey data may not be adequate for measuring difference. Comparisons over time or across jurisdictions may be difficult to assess if the size of the standard errors is large compared to the difference between the estimates.

Indicator 15: Proportion of Indigenous 20 to 64 year olds with or working towards post school qualification in AQF Certificate III or above

Key amendments from previous cycle of reporting:	This indicator is unchanged from the previous NIRA performance report.
Target:	Halving the gap in employment outcomes between Indigenous and non-Indigenous Australians within a decade (by 2018)
Interim Measure:	Proportion of people aged 20–64 years with, or working towards, post school qualifications in Australian Qualifications Framework (AQF) Certificate level III or above, by Indigenous status. The measure is defined as: • *Numerator* — People aged 20–64 years who have attained post school qualifications in AQF Certificate level III or above, or are currently studying a non-school qualification • *Denominator* — total population of people aged 20−64 years presented as a *percentage .* Census and SEW: For persons 'with' a non-school qualification: • Persons whose level of highest non-school qualification cannot be determined are assumed to have attained a qualification below Certificate level III and are therefore excluded from the numerator for this indicator. • Measure excludes people whose level of highest non-school qualification is determined to be Certificate level but is not able to be further defined (ie Certificate nfd), as they are assumed to have attained a qualification below Certificate level III. For persons 'working towards' a non-school qualification: • Level of qualification is not available from the Census for people working towards a non-school qualification. To maintain consistency between the Census and SEW data, people working towards any non-school qualification are included in the SEW data for this indicator. For total population denominator: • Total population excludes people who were not studying and whose level of non-school qualification or attendance status was not stated. Census: For persons 'with' a non-school qualification: • Measure excludes people whose highest non-school qualification or attendance status is not stated or inadequately described if they fail to meet the criteria for either variable
Data sources	Main data source *Numerator and denominator* — ABS Census of Population and Housing (Census) — Data are collected every five years Supplementary data source *Numerator and denominator* — (Aboriginal and Torres Strait Islander) ABS National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)[9] and ABS National Aboriginal and Torres Strait Islander Social Survey (NATSISS). Data are collected on an alternating three-yearly cycle.

9 For 2012-13, included data from the National Aboriginal and Torres Strait Islander Nutrition and Physical Activity Survey (referred to as the core component of the AATSIHS).

	(non-Indigenous) ABS Survey of Education and Work (SEW) for the non-Indigenous population comparator. Data are available annually
Data provider	ABS
Data availability:	Main data collection No new data available for this report. Supplementary data collection 2018-19 (Aboriginal and Torres Strait Islander data) — NATSIHS 2018 (non-Indigenous data) — SEW
Cross tabulations provided:	State/territory by Indigenous status, by remoteness: • completed study/currently studying

Box 42 **Results**

For this report, new data are available from the supplementary data source (sample surveys) for 2018-19.

- Data on the population with or working towards post school qualification by State and Territory are presented in table NIRA.15.1
- Data on the population with or working towards post school qualification by remoteness areas are presented in table NIRA.15.2.

Historical data for the supplementary source (sample surveys) are available for: the 2014-15 NATSISS and 2014 SEW in the 2015-16 NIRA performance report; the 2012-13 AATSIHS and 2012 SEW in the 2013-14 NIRA performance report; and, the 2008 NATSISS and 2008 SEW from the baseline 2008-09 NIRA performance report, with these data disaggregated by remoteness in the 2012-13 NIRA performance report.

Data from the main data source (Census) are available in the 2016-17 NIRA performance report (2016 Census), and the 2011-12 NIRA performance report (2011 and 2006 Census). Disaggregations by remoteness are available in the 2017-18 NIRA performance report (2016 Census) and the 2012-13 NIRA performance report (2011 and 2006 Census).

Box 44 Comment on data quality

Key points on data quality for this indicator are summarised below.

- Data provide relevant information on the proportion of 20–64 year olds with a post school qualification at AQF III level or above or working towards a non-school qualification.
- The most recent available data are from the supplementary data source (surveys), with the data in respect of 2018-19 for Aboriginal and Torres Strait Islander people (from the NATSIHS) and 2018 for non-Indigenous people (from the SEW).
- Data are of acceptable accuracy. Some proportions have a large confidence interval and should be used with caution.
- Detailed explanatory notes are publicly available to assist in the interpretation of results.
- Additional data from the data source are available on-line, and on request.

The Steering Committee also notes the following issues:

- The size of some standard errors means that the survey data may not be adequate for measuring difference. Comparisons over time or across jurisdictions may be difficult to assess if the size of the standard errors is large compared to the difference between the estimates.
- Survey data are generally not directly comparable to Census data when measuring change over time.

References

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Acronyms and abbreviations

AATSIHS	Australian Aboriginal and Torres Strait Islander Health Survey
ABS	Australian Bureau of Statistics
ACARA	Australian Curriculum Assessment and Reporting Authority
ACT	Australian Capital Territory
AHS	Australian Health Survey
AIHW	Australian Institute of Health and Welfare
ASGC	Australian Standard Geographical Classification
ASGS	Australian Statistical Geography Standard
BMI	body mass index
Census	Census of Population and Housing
COAG	Council of Australian Governments
ERP	Estimated Resident Population
ICD-10	International Classification of Diseases and Related Health Conditions, 10th Edition
ICD-10-AM	International Classification of Diseases and Related Health Conditions, 10th Edition, Australian Modification
NAPLAN	National Assessment Program — Literacy and Numeracy
NATSIHS	National Aboriginal and Torres Strait Islander Health Survey
NATSINPAS	National Aboriginal and Torres Strait Islander Nutrition and Physical Activity Survey
NATSISS	National Aboriginal and Torres Strait Islander Social Survey
NECECC	National early Childhood Education and Care Collection
NHS	National Health Survey
NIRA	National Indigenous Reform Agreement
NIRAPIMG	NIRA Performance Information Management Group
NPDC	National Perinatal Data Collection
NSW	New South Wales
NT	Northern Territory
OID	Overcoming Indigenous Disadvantage
Qld	Queensland
RSE	Relative standard error

SA	South Australia
SEW	Survey of Education and Work
Tas	Tasmania
Vic	Victoria
WA	Western Australia

Glossary

Aboriginal	A person who identifies as being of Aboriginal origin. May also include people identified as being of both Aboriginal and Torres Strait Islander origin.
Age standardised rates	Age standardised rates enable comparisons to be made between populations that have different age structures. Age standardisation is often used when comparing the Aboriginal and Torres Strait Islander and non-Indigenous populations because the Aboriginal and Torres Strait Islander population is younger than the non-Indigenous population. Outcomes for some indicators are influenced by age, therefore, it is appropriate to age standardise the data when comparing the results. When comparisons are not being made between the two populations, the data are not age standardised.
International Classification of Diseases (ICD)	ICD is the International Statistical Classification of Diseases and Related Health Problems, endorsed by the World Health Organization. It is primarily designed for the classification of diseases and injuries with a formal diagnosis. ICD-10-AM is the Australian modification of the tenth revision and was adopted for Australian use from 1 January 1999 (superseding ICD-9).
Indigenous	A person who identifies as, or who is identified as being of, Aboriginal and/or Torres Strait Islander origin.
Indigenous status not stated/Indigenous status unknown	Where a person's Aboriginal and Torres Strait Islander origin has either not been asked or not recorded.
Infant mortality	Deaths of children between birth and exactly one year of age.
Inner regional	See 'remoteness areas'.
Jurisdiction	The Australian Government or a State or Territory government and areas that it has legal authority over.
Major cities	See 'remoteness areas'.
Metadata	Metadata is the underlying definition or structured description of the content, quality, condition or other characteristics of data.
Non-Indigenous	A person who is not identified as being of Aboriginal and/or Torres Strait Islander origin.
Non-school qualification	Educational attainments other than pre-primary, primary or secondary school.
Non-remote	See 'remoteness areas'.

Other Australians	Data with 'not stated/inadequately described' Indigenous status that have been combined with data for 'non-Indigenous Australians' are reported under the category 'Other Australians' for ABS and AIHW data sets. See associated data quality statements for further information.
Outer regional	See 'remoteness areas'.
Perinatal mortality	Death of a baby within 28 days of birth (neonatal death) or of a fetus (unborn child) of at least 20 completed weeks of gestation or with a birth weight of at least 400 grams.
Preschool	A preschool program is a structured, play-based learning program delivered by a degree qualified teacher, primarily aimed at children in the year or two before they commence full-time schooling, irrespective of the type of institution that provides it or whether it is government funded or privately provided. Programs may be delivered in a variety of service settings including separate preschools or kindergartens, long day care centres, in association with a school etc. Alternative terms currently used for preschool in some jurisdictions include 'kindergarten', 'pre-prep' and 'reception'.
Rate difference	The rate difference is the rate for the Aboriginal and Torres Strait Islander population minus the rate for the non-Indigenous population.
Rate ratio	The rate ratio is the rate for the Aboriginal and Torres Strait Islander population divided by the rate for the non-Indigenous population. See 'relative Aboriginal and Torres Strait Islander disadvantage'.
Regional	See 'remoteness areas'.
Relative Aboriginal and Torres Strait Islander disadvantage	Relative Aboriginal and Torres Strait Islander disadvantage is measured by comparing the rate of Aboriginal and Torres Strait Islander disadvantage (for example, the proportion of Aboriginal and Torres Strait Islander people reporting they do not have a non-school qualification) with the rate for the non-Indigenous population. See 'rate ratio'.
Relative standard error (RSE)	The relative standard error (RSE) of a survey data estimate is a measure of the reliability of the estimate and depends on both the number of people giving a particular answer in the survey and the size of the population. The RSE is expressed as a percentage of the estimate. The higher the RSE, the less reliable the estimate. Relative standard errors for survey estimates are included in the attachment tables. See also 'statistical significance'.
Remote	See 'remoteness areas'.
Remoteness	See 'remoteness areas'.

Remoteness areas

Remoteness areas are defined in the Australian Statistical Geography Standard (ASGS) developed by the ABS.[10] The ASGS remoteness classification identifies a place in Australia as having a particular degree of remoteness. The remoteness of each place is determined using the Accessibility/Remoteness Index of Australia (ARIA). The ABS generates an average ARIA score for each location based on its road distance to urban centres. Locations are then added together to form the remoteness areas in each State and Territory. Remoteness areas comprise the following six categories:

- major cities of Australia
- inner regional Australia
- outer regional Australia
- remote Australia
- very remote Australia
- migratory regions (comprising off-shore, shipping and migratory places).

The aim of the ASGS remoteness structure is not to provide a measure of the remoteness of a particular location but to divide Australia into five broad categories (excluding migratory regions) of remoteness for comparative statistical purposes.

Statistical significance

Statistical significance is a measure of the degree of difference between survey data estimates. The potential for sampling error — that is, the error that occurs by chance because the data are obtained from only a sample and not the entire population — means that reported responses may not indicate the true responses.

Using the RSE of survey data estimates, it is possible to use a formula to test whether the difference is statistically significant. If there is an overlap between confidence intervals for different data items, it cannot be stated for certain that there is a statistically significant difference between the results. See 'variability bands' and 'relative standard error'.

Torres Strait Islander people

People identified as being of Torres Strait Islander origin. May also include people who identify as being of both Torres Strait Islander and Aboriginal origin.

Variability bands

In the NAs a variability band gives a range of values which is very likely to contain the true unknown rate. Variability bands accompanying mortality data should be used for the purposes of comparisons at a point in time or over time (within a jurisdiction). They should not be used for comparing mortality rates at a single point in time across jurisdictions as the variability bands and mortality rates do not take into account differences in under-identification of Aboriginal and Torres Strait Islander deaths across jurisdictions.

Very remote

See 'remoteness areas'.

[10] The ASGS replaced the Australian Standard Geographical Classification (ASGC) from 1 July 2013.

National Agreement performance reporting: National Indigenous Reform Agreement

— data tables

Attachment contents

NIRA Indicator 1

NIRA Indicator 2

Table NIRA.2.1 Aboriginal and Torres Strait Islander mortality rates, by selected causes of death, NSW, Queensland, WA, SA, NT, 2014–2018 (crude rate per 100 000 persons)

Table NIRA.2.2 Proportion of Aboriginal and Torres Strait Islander deaths, by selected causes of death, NSW, Queensland, WA, SA, NT, 2014–2018 (crude percentage)

Table NIRA.2.3 Aboriginal and Torres Strait Islander mortality rates, by selected causes of death, NSW, Queensland, WA, SA, NT, by sex, 2014–2018 (crude rate per 100 000 persons)

Table NIRA.2.4 Proportion of Aboriginal and Torres Strait Islander deaths, by selected causes, NSW, Queensland, WA, SA, NT, by sex, 2014–2018 (crude percentage)

Table NIRA.2.5 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2018

Table NIRA.2.6 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2017

Table NIRA.2.7 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2016

Table NIRA.2.8 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2015

Table NIRA.2.9 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2014

Table NIRA.2.10 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2013

Table NIRA.2.11 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2012

Table NIRA.2.12 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2011

Table NIRA.2.13 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2010

Table NIRA.2.14 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2009

Table NIRA.2.15 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2008

Table NIRA.2.16 Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2007

Attachment contents

Table NIRA.2.17	Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2006
Table NIRA.2.18	Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018
Table NIRA.2.19	Age standardised mortality rates, by selected cause of death, by sex, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018
Table NIRA.2.20	Age standardised all-cause mortality rates, variability bands, rate ratios and rate differences, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, by sex, 2006 to 2018
Table NIRA.2.21	Age standardised mortality rates, variability bands, rate ratios and rate differences, by Indigenous status, by single year, NSW, Queensland, WA, SA, NT
NIRA Indicator 3	
Table NIRA.3.1	Current daily smokers, Aboriginal and Torres Strait Islander persons aged 18 years and over, 2018-19 (crude rates)
Table NIRA.3.2	Current daily smokers, Aboriginal and Torres Strait Islander persons aged 18 years and over, by remoteness, 2018-19 (crude rates)
Table NIRA.3.3	Current daily smokers, by Indigenous status, persons aged 18 years and over, age standardised rates
Table NIRA.3.4	Current daily smokers, by Indigenous status, by remoteness, persons aged 18 years and over, age standardised rates
NIRA Indicator 4	
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NIRA Indicator 1:

No new data available for this cycle of reporting.

Estimated life expectancy at birth

NIRA Indicator 2:

Mortality rate by leading causes

Table NIRA.2.1 **Aboriginal and Torres Strait Islander mortality rates, by selected causes of death, NSW, Queensland, WA, SA, NT, 2014–2018 (crude rate per 100 000 persons) (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	NSW	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Diseases of the circulatory system (I00–I99)	70.5	83.8	127.0	106.9	158.8	94.3
External causes of morbidity and mortality (V01–Y98)	44.6	53.4	94.9	63.9	98.2	61.4
Endocrine, nutritional and metabolic diseases (E00–E89)	20.4	35.1	52.3	34.1	81.0	36.8
Diabetes mellitus (E10–E14)	15.7	30.5	46.8	27.9	69.5	31.2
Diseases of the respiratory system (J00–J99)	37.6	33.5	39.6	38.3	62.5	39.3
Neoplasms (C00–D48)	83.1	99.1	95.1	99.8	134.1	96.2
Malignant neoplasms of digestive organs (C15–C26)	23.3	28.9	27.7	28.9	37.3	27.5
Malignant neoplasm of bronchus and lung (C34)	23.4	27.2	19.9	29.8	27.4	24.9
Malignant neoplasm of cervix uteri (C53)	1.0	2.3	2.4	np	3.2	1.9
Breast cancer (C50)	5.2	4.9	6.2	5.2	7.5	5.5
Lip, oral cavity and pharynx (C00–C14)	2.6	3.3	8.0	4.7	12.3	4.7
Digestive diseases (K00–K93)	17.9	19.4	27.9	24.1	35.1	22.0
Kidney diseases (N00–N29)	3.8	5.0	14.9	3.8	18.8	7.4
Certain conditions originating in the perinatal period (P00–P96)	5.9	9.2	8.4	7.6	16.6	8.5
Certain infectious and parasitic diseases (A00–B99)	8.4	9.6	12.7	9.0	14.2	10.1
Diseases of the nervous system (G00–G99)	10.3	9.0	14.5	17.5	11.5	11.1
Other causes (m)	20.4	29.2	42.8	45.0	54.5	31.4
All causes	**322.9**	**386.3**	**530.1**	**450.0**	**685.5**	**418.4**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in Causes of Death, Australia, 2017 (cat. no. 3303.0).

Table NIRA.2.1 **Aboriginal and Torres Strait Islander mortality rates, by selected causes of death, NSW, Queensland, WA, SA, NT, 2014–2018 (crude rate per 100 000 persons) (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	NSW	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)

(b) Crude rate is the average annual number of deaths registered during the reference period per 100 000 estimated resident population at 30 June of the mid-point year. Crude rates cannot be compared over time or across jurisdictions. Denominators used in the calculation of rates for the Indigenous population are Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census). There are no comparable population data for the non-Indigenous population. Denominators used in the calculation of rates for comparison with the Indigenous population have been derived by subtracting Indigenous population estimates/projections from total estimated resident population and should be used with care, as these data include population units for which Indigenous status were not stated.

(c) The Estimated Resident Population (ERP) used for the production of age standardised death rates in this table are based on first published Australian total population estimates. These estimates have been rebased on the 2016 Census data.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander mortality rate. See Explanatory notes 63-75 in Causes of Death, Australia, 2018 (Cat. no. 3303.0).

(e) Data are reported individually by jurisdiction of usual residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(f) Data are presented in five-year groupings due to the volatility of small numbers each year.

(g) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(h) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(i) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the Causes of Death, Australia, 2018 (cat. no. 3303.0) publication

(j) From 2016 reference year, deaths with not stated age have not been prorated.

(k) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(l) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(m) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2018*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.2 **Proportion of Aboriginal and Torres Strait Islander deaths, by selected causes of death, NSW, Queensland, WA, SA, NT, 2014–2018 (crude percentage) (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	NSW	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)
Diseases of the circulatory system (I00–I99)	21.8	21.7	23.9	23.8	23.2	22.5
External causes of morbidity and mortality (V01–Y98)	13.8	13.8	17.9	14.2	14.3	14.7
Endocrine, nutritional and metabolic diseases (E00–E89)	6.3	9.1	9.9	7.6	11.8	8.8
Diabetes mellitus (E10–E14)	4.9	7.9	8.8	6.2	10.1	7.5
Diseases of the respiratory system (J00–J99)	11.6	8.7	7.5	8.5	9.1	9.4
Neoplasms (C00–D48)	25.7	25.6	17.9	22.2	19.6	23.0
Malignant neoplasms of digestive organs (C15–C26)	7.2	7.5	5.2	6.4	5.4	6.6
Malignant neoplasm of bronchus and lung (C34)	7.2	7.0	3.8	6.6	4.0	6.0
Malignant neoplasm of cervix uteri (C53)	0.3	0.6	0.5	np	0.5	0.4
Breast cancer (C50)	1.6	1.3	1.2	1.2	1.1	1.3
Lip, oral cavity and pharynx (C00–C14)	0.8	0.8	1.5	1.1	1.8	1.1
Digestive diseases (K00–K93)	5.5	5.0	5.3	5.4	5.1	5.3
Kidney diseases (N00–N29)	1.2	1.3	2.8	0.8	2.7	1.8
Certain conditions originating in the perinatal period (P00–P96)	1.8	2.4	1.6	1.7	2.4	2.0
Certain infectious and parasitic diseases (A00–B99)	2.6	2.5	2.4	2.0	2.1	2.4
Diseases of the nervous system (G00–G99)	3.2	2.3	2.7	3.9	1.7	2.6
Other causes (l)	6.3	7.6	8.1	10.0	7.9	7.5
All causes	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

(a) Causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in Causes of Death, Australia, 2017 (cat. no. 3303.0).

(b) Crude percentage is number of deaths by cause divided by all deaths registered during the reference period. Crude percentages cannot be compared over time or across jurisdictions.

(c) Data are reported individually by jurisdiction of usual residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(d) Data are presented in five-year groupings due to the volatility of small numbers each year.

Table NIRA.2.2 **Proportion of Aboriginal and Torres Strait Islander deaths, by selected causes of death, NSW, Queensland, WA, SA, NT, 2014–2018 (crude percentage) (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	NSW	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)

(e) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(f) Some totals and figures may not compute due to the effects of rounding.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the Causes of Death, Australia, 2018 (cat. no. 3303.0) publication

(i) From 2016 reference year, deaths with not stated age have not been prorated.

(j) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(k) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(l) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2018.*

Table NIRA.2.3 **Aboriginal and Torres Strait Islander mortality rates, by selected causes of death, NSW, Queensland, WA, SA, NT, by sex, 2014–2018 (crude rate per 100 000 persons) (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Males	*Females*
Diseases of the circulatory system (I00–I99)	105.7	82.8
External causes of morbidity and mortality (V01–Y98)	83.7	39.2
Endocrine, nutritional and metabolic diseases (E00–E89)	35.2	38.4
Diabetes mellitus (E10–E14)	28.7	33.7
Diseases of the respiratory system (J00–J99)	38.6	40.0
Neoplasms (C00–D48)	101.3	91.2
Malignant neoplasms of digestive organs (C15–C26)	31.8	23.2
Malignant neoplasm of bronchus and lung (C34)	27.7	22.2
Malignant neoplasm of cervix uteri (C53)	..	3.7
Breast cancer (C50)	np	10.7
Lip, oral cavity and pharynx (C00–C14)	6.9	2.6
Digestive diseases (K00–K93)	24.5	19.6
Kidney diseases (N00–N29)	6.2	8.5
Certain conditions originating in the perinatal period (P00–P96)	9.8	7.3
Certain infectious and parasitic diseases (A00–B99)	11.2	8.9
Diseases of the nervous system (G00–G99)	11.6	10.5
Other causes (k)	30.0	32.8
All causes	**457.8**	**379.2**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in Causes of Death, Australia, 2017 (cat. no. 3303.0).

Table NIRA.2.3 **Aboriginal and Torres Strait Islander mortality rates, by selected causes of death, NSW, Queensland, WA, SA, NT, by sex, 2014–2018 (crude rate per 100 000 persons) (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Males	*Females*

(b) Crude rate is the average annual number of deaths registered during the reference period per 100 000 estimated resident population at 30 June of the mid-point year. Crude rates cannot be compared over time or across jurisdictions. Denominators used in the calculation of rates for the Indigenous population are Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census. There are no comparable population data for the non-Indigenous population. Denominators used in the calculation of rates for comparison with the Indigenous population have been derived by subtracting Indigenous population estimates/projections from total estimated resident population and should be used with care, as these data include population units for which Indigenous status were not stated.

(c) The Estimated Resident Population (ERP) used for the production of age standardised death rates in this table are based on first published Australian total population estimates. These estimates have been rebased on the 2016 Census data.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander mortality rate. See Explanatory notes 63-75 in Causes of Death, Australia, 2018 (Cat. no. 3303.0).

(e) Data are presented in five-year groupings due to the volatility of small numbers each year.

(f) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(g) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(h) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(i) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the Causes of Death, Australia, 2018 (cat. no. 3303.0) publication

(j) From 2016 reference year, deaths with not stated age have not been prorated.

(k) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

.. Not applicable. **np** Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2018*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.4 **Proportion of Aboriginal and Torres Strait Islander deaths, by selected causes, NSW, Queensland, WA, SA, NT, by sex, 2014–2018 (crude percentage) (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Males	*Females*
Diseases of the circulatory system (I00–I99)	23.1	21.8
External causes of morbidity and mortality (V01–Y98)	18.3	10.3
Endocrine, nutritional and metabolic diseases (E00–E89)	7.7	10.1
Diabetes mellitus (E10–E14)	6.3	8.9
Diseases of the respiratory system (J00–J99)	8.4	10.5
Neoplasms (C00–D48)	22.1	24.1
Malignant neoplasms of digestive organs (C15–C26)	6.9	6.1
Malignant neoplasm of bronchus and lung (C34)	6.0	5.8
Malignant neoplasm of cervix uteri (C53)	..	1.0
Breast cancer (C50)	np	2.8
Lip, oral cavity and pharynx (C00–C14)	1.5	0.7
Digestive diseases (K00–K93)	5.3	5.2
Kidney diseases (N00–N29)	1.4	2.2
Certain conditions originating in the perinatal period (P00–P96)	2.1	1.9
Certain infectious and parasitic diseases (A00–B99)	2.4	2.3
Diseases of the nervous system (G00–G99)	2.5	2.8
Other causes (l)	6.6	8.7
All causes	**100.0**	**100.0**

(a) Causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in Causes of Death, Australia, 2017 (cat. no. 3303.0).

(b) Crude percentage is number of deaths by cause divided by all deaths registered during the reference period. Crude percentages cannot be compared over time or across jurisdictions.

(c) Data are reported individually by jurisdiction of usual residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(d) Data are presented in five-year groupings due to the volatility of small numbers each year.

Table NIRA.2.4 **Proportion of Aboriginal and Torres Strait Islander deaths, by selected causes, NSW, Queensland, WA, SA, NT, by sex, 2014–2018 (crude percentage) (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Males	*Females*

(e) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(f) Some totals and figures may not compute due to the effects of rounding.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(i) From 2016 reference year, deaths with not stated age have not been prorated.

(j) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the Causes of Death, Australia, 2018 (cat. no. 3303.0) publication

(k) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(l) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

.. Not applicable. **np** Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2018*.

Table NIRA.2.5 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	186.8	232.8	265.9	297.9	292.8	229.2
Neoplasms (C00–D48)	rate	182.5	285.6	236.4	248.2	293.5	234.9
External causes of morbidity and mortality (V01–Y98)	rate	54.5	69.6	101.2	64.3	106.9	72.5
Diseases of the respiratory system (J00–J99)	rate	111.3	86.2	114.6	np	149.7	108.8
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	47.1	81.8	117.0	np	166.6	80.3
Total (top 5 diagnoses)	**rate**	**582.2**	**756.1**	**835.1**	**791.7**	**1 009.5**	**725.7**
Other causes (m)	rate	146.9	196.5	251.4	251.6	347.5	201.5
Total (all causes)	**rate**	**729.0**	**952.6**	**1 086.5**	**1 043.2**	**1 357.0**	**927.1**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	146.6	141.9	122.4	137.6	113.9	141.0
Neoplasms (C00–D48)	rate	161.0	164.8	152.5	169.3	188.3	161.9
External causes of morbidity and mortality (V01–Y98)	rate	36.8	41.7	46.3	38.8	57.0	39.9
Diseases of the respiratory system (J00–J99)	rate	48.6	48.0	50.1	49.0	35.9	48.6
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	22.7	20.9	20.2	22.8	np	21.8
Total (top 5 diagnoses)	**rate**	**415.7**	**417.2**	**391.5**	**417.5**	**413.5**	**413.3**
Other causes (m)	rate	127.1	120.3	116.7	147.1	108.7	126.0
Total (all causes)	**rate**	**542.7**	**537.5**	**508.3**	**564.6**	**522.2**	**539.3**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	27.7	37.3	56.3	88.3	65.8	19.4
Neoplasms (C00–D48)	rate	24.9	39.8	51.0	74.3	68.4	18.7
External causes of morbidity and mortality (V01–Y98)	rate	10.8	13.5	22.4	27.4	31.1	7.6
Diseases of the respiratory system (J00–J99)	rate	22.0	22.2	39.8	np	48.8	13.8
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	13.1	21.1	38.4	np	48.9	11.0
Total (top 5 diagnoses)	**rate**	**46.5**	**64.0**	**96.5**	**136.8**	**121.4**	**33.1**

Table NIRA.2.5 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Other causes (m)	rate	24.2	34.1	53.7	81.9	80.6	18.3
Total (all causes)	**rate**	**52.4**	**72.5**	**110.5**	**159.4**	**145.7**	**37.8**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	2.4	3.1	4.1	4.7	21.5	1.6
Neoplasms (C00–D48)	rate	2.5	3.4	4.6	5.3	26.2	1.7
External causes of morbidity and mortality (V01–Y98)	rate	1.3	1.8	2.6	2.8	13.2	0.9
Diseases of the respiratory system (J00–J99)	rate	1.4	1.8	2.6	2.8	12.2	1.0
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	1.0	1.2	1.7	1.9	np	0.6
Total (top 5 diagnoses)	**rate**	**4.1**	**5.4**	**7.4**	**8.3**	**39.3**	**2.8**
Other causes (m)	rate	2.3	2.9	4.1	5.0	21.4	1.6
Total (all causes)	**rate**	**4.7**	**6.1**	**8.4**	**9.7**	**44.7**	**3.2**
Rate ratio (n)							
Diseases of the circulatory system (I00–I99)	no.	1.3	1.6	2.2	2.2	2.6	1.6
Neoplasms (C00–D48)	no.	1.1	1.7	1.6	1.5	1.6	1.5
External causes of morbidity and mortality (V01–Y98)	no.	1.5	1.7	2.2	1.7	1.9	1.8
Diseases of the respiratory system (J00–J99)	no.	2.3	1.8	2.3	np	4.2	2.2
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	2.1	3.9	5.8	np	np	3.7
Total (top 5 diagnoses)	**no.**	**1.4**	**1.8**	**2.1**	**1.9**	**2.4**	**1.8**
Other causes (m)	no.	1.2	1.6	2.2	1.7	3.2	1.6
Total (all causes)	**no.**	**1.3**	**1.8**	**2.1**	**1.8**	**2.6**	**1.7**
Rate difference (o)							
Diseases of the circulatory system (I00–I99)	no.	40.2	91.0	143.5	160.3	178.9	88.3
Neoplasms (C00–D48)	no.	21.5	120.8	83.9	78.8	105.2	73.0
External causes of morbidity and mortality (V01–Y98)	no.	17.7	28.0	54.8	25.6	49.9	32.6
Diseases of the respiratory system (J00–J99)	no.	62.7	38.2	64.5	np	113.8	60.2

Table NIRA.2.5 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	24.4	60.9	96.8	np	np	58.4
Total (top 5 diagnoses)	**no.**	**166.5**	**338.9**	**443.6**	**374.2**	**596.1**	**312.4**
Other causes (m)	no.	19.8	76.2	134.6	104.5	238.8	75.5
Total (all causes)	**no.**	**186.3**	**415.1**	**578.2**	**478.6**	**834.8**	**387.9**

(a) Causes of death data for 2018 are preliminary and subject to a further revisions process. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and Causes of Death Revisions, 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in Causes of Death, Australia, 2017 (cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) From 2016 reference year, deaths with not stated age have not been prorated.

Table NIRA.2.5 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)

(j) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the Causes of Death, Australia, 2018 (cat. no. 3303.0) publication

(k) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(l) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(m) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(n) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(o) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2018*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.6 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2017 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	157.9	220.3	264.0	230.7	308.2	210.8
Neoplasms (C00–D48)	rate	174.1	247.7	217.3	335.7	302.5	224.4
External causes of morbidity and mortality (V01–Y98)	rate	65.7	62.9	92.7	123.2	114.0	77.6
Diseases of the respiratory system (J00–J99)	rate	101.7	112.0	117.9	np	127.3	109.5
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	41.7	103.4	141.0	np	169.8	86.8
Total (top 5 diagnoses)	**rate**	**541.2**	**746.3**	**832.9**	**839.3**	**1 021.8**	**709.1**
Other causes (m)	rate	129.3	212.7	247.8	223.9	296.2	190.5
Total (all causes)	**rate**	**670.5**	**959.0**	**1 080.7**	**1 063.2**	**1 318.0**	**899.6**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	151.9	159.3	126.6	149.6	112.4	150.2
Neoplasms (C00–D48)	rate	153.9	169.4	152.4	165.3	178.4	159.3
External causes of morbidity and mortality (V01–Y98)	rate	35.1	43.4	46.0	43.1	60.4	40.1
Diseases of the respiratory system (J00–J99)	rate	55.7	52.3	55.5	56.5	47.0	54.9
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	23.5	22.5	20.4	26.4	27.8	23.2
Total (top 5 diagnoses)	**rate**	**420.1**	**446.9**	**400.9**	**440.9**	**425.9**	**427.6**
Other causes (m)	rate	128.6	124.2	120.0	156.8	92.8	129.4
Total (all causes)	**rate**	**548.7**	**571.1**	**520.9**	**597.7**	**518.8**	**557.0**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	25.7	38.1	57.2	77.4	69.5	19.0
Neoplasms (C00–D48)	rate	26.4	37.5	50.1	96.3	69.1	19.1
External causes of morbidity and mortality (V01–Y98)	rate	13.1	12.8	27.7	41.6	34.0	8.7
Diseases of the respiratory system (J00–J99)	rate	21.2	27.3	42.5	np	48.2	14.4
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	12.8	25.1	44.7	np	50.0	12.0
Total (top 5 diagnoses)	**rate**	**46.3**	**66.3**	**101.7**	**147.7**	**124.9**	**33.9**

Table NIRA.2.6 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2017 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Other causes (m)	rate	22.2	37.1	56.8	72.3	69.7	17.8
Total (all causes)	**rate**	**51.4**	**76.0**	**116.5**	**164.4**	**143.0**	**38.3**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	2.5	3.4	4.3	5.0	21.8	1.7
Neoplasms (C00–D48)	rate	2.5	3.5	4.7	5.3	26.4	1.8
External causes of morbidity and mortality (V01–Y98)	rate	1.3	1.9	2.6	3.0	13.4	0.9
Diseases of the respiratory system (J00–J99)	rate	1.5	1.9	2.8	3.0	13.8	1.0
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	1.0	1.3	1.7	2.1	10.7	0.7
Total (top 5 diagnoses)	**rate**	**4.2**	**5.7**	**7.6**	**8.7**	**40.7**	**2.9**
Other causes (m)	rate	2.3	3.0	4.2	5.2	19.3	1.6
Total (all causes)	**rate**	**4.8**	**6.4**	**8.7**	**10.1**	**45.0**	**3.3**
Rate ratio (n)							
Diseases of the circulatory system (I00–I99)	no.	1.0	1.4	2.1	1.5	2.7	1.4
Neoplasms (C00–D48)	no.	1.1	1.5	1.4	2.0	1.7	1.4
External causes of morbidity and mortality (V01–Y98)	no.	1.9	1.5	2.0	2.9	1.9	1.9
Diseases of the respiratory system (J00–J99)	no.	1.8	2.1	2.1	np	2.7	2.0
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	1.8	4.6	6.9	np	6.1	3.7
Total (top 5 diagnoses)	**no.**	**1.3**	**1.7**	**2.1**	**1.9**	**2.4**	**1.7**
Other causes (m)	no.	1.0	1.7	2.1	1.4	3.2	1.5
Total (all causes)	**no.**	**1.2**	**1.7**	**2.1**	**1.8**	**2.5**	**1.6**
Rate difference (o)							
Diseases of the circulatory system (I00–I99)	no.	6.1	61.0	137.4	81.1	195.7	60.6
Neoplasms (C00–D48)	no.	20.3	78.3	64.9	170.4	124.1	65.2
External causes of morbidity and mortality (V01–Y98)	no.	30.6	19.5	46.7	80.1	53.6	37.5
Diseases of the respiratory system (J00–J99)	no.	46.0	59.7	62.4	np	80.4	54.6

Table NIRA.2.6 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2017 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	18.2	80.9	120.6	np	142.0	63.6
Total (top 5 diagnoses)	**no.**	**121.1**	**299.4**	**432.0**	**398.4**	**595.8**	**281.5**
Other causes (m)	no.	0.7	88.5	127.8	67.1	203.4	61.1
Total (all causes)	**no.**	**121.8**	**387.9**	**559.8**	**465.5**	**799.2**	**342.6**

(a) Causes of death data for 2017 are preliminary and subject to a further revisions process. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and Causes of Death Revisions, 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in Causes of Death, Australia, 2017 (cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) A number of updates to the ICD-10 were applied from the 2013 causes of death data. Details of the impact of these changes on the mortality data are described in ABS Implementation of the Iris Software: Understanding Coding and Process Improvements in ABS Causes of Death, Australia, 2013 (cat. no. 3303.0).

Table NIRA.2.6 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2017 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)

(j) From 2016 reference year, deaths with not stated age have not been prorated.

(k) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(l) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(m) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(n) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(o) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2017*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.7 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2016 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	149.1	252.5	371.0	215.4	302.1	228.1
Neoplasms (C00–D48)	rate	192.2	270.6	210.7	149.7	267.5	223.1
External causes of morbidity and mortality (V01–Y98)	rate	61.2	71.4	123.5	np	128.5	80.4
Diseases of the respiratory system (J00–J99)	rate	93.8	109.4	107.9	np	175.1	108.9
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	49.1	114.3	169.5	108.9	153.8	97.0
Total (top 5 diagnoses)	**rate**	**545.4**	**818.2**	**982.5**	**649.7**	**1 026.8**	**737.4**
Other causes (m)	rate	136.4	181.1	250.7	238.9	270.2	182.9
Total (all causes)	**rate**	**681.8**	**999.4**	**1 233.2**	**888.6**	**1 297.1**	**920.3**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	163.4	157.4	143.7	157.6	147.6	158.5
Neoplasms (C00–D48)	rate	165.2	168.7	158.9	163.5	171.8	165.0
External causes of morbidity and mortality (V01–Y98)	rate	36.9	41.2	45.8	41.6	43.8	40.0
Diseases of the respiratory system (J00–J99)	rate	52.9	48.1	61.4	53.7	66.0	52.9
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	25.0	21.3	22.7	24.8	25.5	23.7
Total (top 5 diagnoses)	**rate**	**443.5**	**436.6**	**432.5**	**441.2**	**454.8**	**440.1**
Other causes (m)	rate	132.7	116.9	116.1	141.6	99.8	127.2
Total (all causes)	**rate**	**576.1**	**553.5**	**548.6**	**582.8**	**554.5**	**567.2**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	25.4	40.4	72.9	80.8	73.8	20.3
Neoplasms (C00–D48)	rate	28.4	40.6	51.2	62.5	69.4	19.7
External causes of morbidity and mortality (V01–Y98)	rate	12.3	17.4	27.5	np	40.4	9.3
Diseases of the respiratory system (J00–J99)	rate	20.3	27.6	40.7	np	60.5	14.5
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	14.0	28.1	51.4	55.3	51.0	13.3
Total (top 5 diagnoses)	**rate**	**47.0**	**71.7**	**114.0**	**135.3**	**134.7**	**35.6**

Table NIRA.2.7 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2016 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Other causes (m)	rate	23.7	34.8	59.7	77.7	71.3	18.1
Total (all causes)	**rate**	**52.7**	**79.7**	**128.6**	**156.1**	**152.4**	**39.9**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	2.6	3.4	4.7	5.1	25.7	1.8
Neoplasms (C00–D48)	rate	2.6	3.5	4.8	5.3	26.0	1.8
External causes of morbidity and mortality (V01–Y98)	rate	1.3	1.8	2.7	3.0	11.5	0.9
Diseases of the respiratory system (J00–J99)	rate	1.5	1.9	3.0	3.0	17.6	1.0
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	1.0	1.3	1.8	2.1	10.8	0.7
Total (top 5 diagnoses)	**rate**	**4.3**	**5.7**	**8.1**	**8.8**	**43.6**	**3.0**
Other causes (m)	rate	2.4	3.0	4.2	4.9	21.3	1.6
Total (all causes)	**rate**	**5.0**	**6.4**	**9.1**	**10.1**	**48.5**	**3.4**
Rate ratio (n)							
Diseases of the circulatory system (I00–I99)	no.	0.9	1.6	2.6	1.4	2.0	1.4
Neoplasms (C00–D48)	no.	1.2	1.6	1.3	0.9	1.6	1.4
External causes of morbidity and mortality (V01–Y98)	no.	1.7	1.7	2.7	np	2.9	2.0
Diseases of the respiratory system (J00–J99)	no.	1.8	2.3	1.8	np	2.7	2.1
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	2.0	5.4	7.5	4.4	6.0	4.1
Total (top 5 diagnoses)	**no.**	**1.2**	**1.9**	**2.3**	**1.5**	**2.3**	**1.7**
Other causes (m)	no.	1.0	1.5	2.2	1.7	2.7	1.4
Total (all causes)	**no.**	**1.2**	**1.8**	**2.2**	**1.5**	**2.3**	**1.6**
Rate difference (o)							
Diseases of the circulatory system (I00–I99)	no.	- 14.2	95.1	227.3	57.7	154.4	69.6
Neoplasms (C00–D48)	no.	27.0	102.0	51.8	- 13.8	95.6	58.0
External causes of morbidity and mortality (V01–Y98)	no.	24.3	30.2	77.7	np	84.7	40.4
Diseases of the respiratory system (J00–J99)	no.	40.9	61.3	46.5	np	109.1	56.0

Table NIRA.2.7 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2016 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	24.1	93.0	146.7	84.1	128.2	73.3
Total (top 5 diagnoses)	**no.**	**102.0**	**381.7**	**550.0**	**208.5**	**572.1**	**297.3**
Other causes (m)	no.	3.7	64.2	134.5	97.3	170.4	55.7
Total (all causes)	**no.**	**105.7**	**445.9**	**684.6**	**305.7**	**742.5**	**353.1**

(a) Causes of death data for 2016 are revised and subject to a further revisions process. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and Causes of Death Revisions, 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in Causes of Death, Australia, 2017 (cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) A number of updates to the ICD-10 were applied from the 2013 causes of death data. Details of the impact of these changes on the mortality data are described in ABS Implementation of the Iris Software: Understanding Coding and Process Improvements in ABS Causes of Death, Australia, 2013 (cat. no. 3303.0).

Table NIRA.2.7 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2016 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)

(j) From 2016 reference year, deaths with not stated age have not been prorated.

(k) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(l) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(m) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(n) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(o) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2016*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.8 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2015 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	180.5	231.2	286.1	292.8	457.5	244.8
Neoplasms (C00–D48)	rate	188.9	245.9	209.6	224.2	353.6	226.3
External causes of morbidity and mortality (V01–Y98)	rate	61.2	74.0	110.1	77.5	125.5	80.6
Diseases of the respiratory system (J00–J99)	rate	80.6	76.3	110.4	np	152.5	89.7
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	35.8	96.2	160.8	np	196.2	86.4
Total (top 5 diagnoses)	**rate**	**547.1**	**723.5**	**877.1**	**731.9**	**1 285.3**	**727.9**
Other causes (m)	rate	129.5	210.4	256.2	179.5	332.5	192.8
Total (all causes)	**rate**	**676.5**	**933.9**	**1 133.3**	**911.4**	**1 617.8**	**920.7**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	173.8	166.6	148.1	168.8	149.0	167.8
Neoplasms (C00–D48)	rate	172.7	172.3	160.1	176.1	176.2	171.2
External causes of morbidity and mortality (V01–Y98)	rate	36.5	44.8	46.9	41.0	60.0	41.1
Diseases of the respiratory system (J00–J99)	rate	51.4	49.4	52.2	55.0	61.6	51.5
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	24.2	23.7	22.8	25.4	36.1	24.1
Total (top 5 diagnoses)	**rate**	**458.6**	**456.7**	**430.1**	**466.2**	**483.0**	**455.6**
Other causes (m)	rate	132.3	122.5	119.2	141.2	116.4	128.8
Total (all causes)	**rate**	**590.9**	**579.1**	**549.3**	**607.4**	**599.4**	**584.5**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	29.1	39.9	63.0	97.6	94.8	21.7
Neoplasms (C00–D48)	rate	28.1	40.2	55.7	80.4	81.5	20.3
External causes of morbidity and mortality (V01–Y98)	rate	13.4	16.2	24.6	36.4	35.6	9.1
Diseases of the respiratory system (J00–J99)	rate	19.1	22.7	40.7	np	53.6	12.9
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	11.9	26.5	51.5	np	56.4	12.6
Total (top 5 diagnoses)	**rate**	**48.2**	**68.5**	**109.5**	**144.7**	**151.5**	**36.0**

Table NIRA.2.8 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2015 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Other causes (m)	rate	23.5	38.1	62.1	75.6	80.4	19.0
Total (all causes)	**rate**	**53.6**	**78.4**	**125.9**	**163.3**	**171.5**	**40.7**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	2.7	3.6	4.8	5.4	27.4	1.9
Neoplasms (C00–D48)	rate	2.7	3.6	4.9	5.6	27.5	1.9
External causes of morbidity and mortality (V01–Y98)	rate	1.3	1.9	2.7	2.9	13.5	1.0
Diseases of the respiratory system (J00–J99)	rate	1.5	2.0	2.8	3.1	17.2	1.0
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	1.0	1.4	1.9	2.1	13.2	0.7
Total (top 5 diagnoses)	**rate**	**4.5**	**5.9**	**8.1**	**9.1**	**46.4**	**3.1**
Other causes (m)	rate	2.4	3.1	4.3	5.0	24.2	1.6
Total (all causes)	**rate**	**5.1**	**6.7**	**9.2**	**10.4**	**52.4**	**3.5**
Rate ratio (n)							
Diseases of the circulatory system (I00–I99)	no.	1.0	1.4	1.9	1.7	3.1	1.5
Neoplasms (C00–D48)	no.	1.1	1.4	1.3	1.3	2.0	1.3
External causes of morbidity and mortality (V01–Y98)	no.	1.7	1.7	2.3	1.9	2.1	2.0
Diseases of the respiratory system (J00–J99)	no.	1.6	1.5	2.1	np	2.5	1.7
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	1.5	4.1	7.0	np	5.4	3.6
Total (top 5 diagnoses)	**no.**	**1.2**	**1.6**	**2.0**	**1.6**	**2.7**	**1.6**
Other causes (m)	no.	1.0	1.7	2.1	1.3	2.9	1.5
Total (all causes)	**no.**	**1.1**	**1.6**	**2.1**	**1.5**	**2.7**	**1.6**
Rate difference (o)							
Diseases of the circulatory system (I00–I99)	no.	6.7	64.6	138.0	124.0	308.5	77.0
Neoplasms (C00–D48)	no.	16.2	73.6	49.5	48.1	177.4	55.1
External causes of morbidity and mortality (V01–Y98)	no.	24.6	29.2	63.2	36.6	65.5	39.6
Diseases of the respiratory system (J00–J99)	no.	29.2	26.9	58.2	np	90.8	38.2

Table NIRA.2.8 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2015 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	11.6	72.5	138.0	np	160.1	62.4
Total (top 5 diagnoses)	**no.**	**88.5**	**266.8**	**447.0**	**265.7**	**802.3**	**272.2**
Other causes (m)	no.	- 2.8	88.0	137.0	38.3	216.1	64.0
Total (all causes)	**no.**	**85.7**	**354.8**	**584.0**	**304.0**	**1 018.4**	**336.2**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Causes of death data for 2015 are final. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and 2015 Final Data (Technical Note) in Causes of Death, Australia, 2017 (cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) A number of updates to the ICD-10 were applied from the 2013 causes of death data. Details of the impact of these changes on the mortality data are described in ABS Implementation of the Iris Software: Understanding Coding and Process Improvements in ABS Causes of Death, Australia, 2013 (cat. no. 3303.0).

Table NIRA.2.8 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2015 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (l)

(j) Deaths with not stated age have been prorated.

(k) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(l) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(m) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(n) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(o) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2015*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.9 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2014 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (l)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	183.3	227.7	304.9	263.7	371.1	236.8
Neoplasms (C00–D48)	rate	176.4	192.1	236.5	126.1	379.8	206.1
External causes of morbidity and mortality (V01–Y98)	rate	63.7	57.7	123.8	90.6	131.2	80.6
Diseases of the respiratory system (J00–J99)	rate	86.5	94.3	96.2	np	180.3	101.7
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	50.5	85.8	128.2	np	230.6	91.9
Total (top 5 diagnoses)	**rate**	**560.2**	**657.3**	**889.7**	**706.2**	**1 293.0**	**717.0**
Other causes (m)	rate	127.0	148.1	288.3	236.6	407.4	189.2
Total (all causes)	**rate**	**687.2**	**805.3**	**1 177.9**	**942.3**	**1 699.9**	**906.3**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	176.8	167.0	152.2	173.7	115.0	170.4
Neoplasms (C00–D48)	rate	169.2	173.1	158.9	169.8	195.9	169.0
External causes of morbidity and mortality (V01–Y98)	rate	37.0	39.1	40.9	40.1	49.8	38.6
Diseases of the respiratory system (J00–J99)	rate	52.0	46.7	47.3	56.4	57.2	50.6
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	21.9	22.5	19.4	23.5	30.0	21.9
Total (top 5 diagnoses)	**rate**	**456.9**	**448.5**	**418.8**	**463.5**	**447.9**	**450.5**
Other causes (m)	rate	131.1	118.1	116.4	135.9	131.8	126.3
Total (all causes)	**rate**	**587.9**	**566.6**	**535.1**	**599.3**	**579.7**	**576.7**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	30.1	42.9	67.2	93.3	80.7	22.0
Neoplasms (C00–D48)	rate	28.3	34.5	59.8	51.3	86.8	19.6
External causes of morbidity and mortality (V01–Y98)	rate	14.2	13.0	29.2	36.2	33.2	9.1
Diseases of the respiratory system (J00–J99)	rate	20.7	27.8	41.2	np	59.8	14.7
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	15.5	24.6	46.0	np	69.4	13.6
Total (top 5 diagnoses)	**rate**	**50.8**	**67.6**	**113.0**	**141.7**	**153.4**	**36.8**

Table NIRA.2.9 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2014 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (l)
Other causes (m)	rate	23.7	32.4	66.0	91.3	89.8	19.2
Total (all causes)	**rate**	**56.1**	**75.0**	**130.8**	**168.4**	**177.7**	**41.5**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	2.8	3.7	4.9	5.5	24.7	1.9
Neoplasms (C00–D48)	rate	2.7	3.7	5.0	5.5	29.5	1.9
External causes of morbidity and mortality (V01–Y98)	rate	1.4	1.8	2.5	3.0	12.6	0.9
Diseases of the respiratory system (J00–J99)	rate	1.5	1.9	2.7	3.1	17.3	1.0
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	1.0	1.3	1.8	2.0	13.1	0.7
Total (top 5 diagnoses)	**rate**	**4.5**	**6.0**	**8.1**	**9.1**	**46.0**	**3.1**
Other causes (m)	rate	2.4	3.1	4.3	4.9	26.1	1.6
Total (all causes)	**rate**	**5.1**	**6.7**	**9.2**	**10.4**	**52.8**	**3.5**
Rate ratio (n)							
Diseases of the circulatory system (I00–I99)	no.	1.0	1.4	2.0	1.5	3.2	1.4
Neoplasms (C00–D48)	no.	1.0	1.1	1.5	0.7	1.9	1.2
External causes of morbidity and mortality (V01–Y98)	no.	1.7	1.5	3.0	2.3	2.6	2.1
Diseases of the respiratory system (J00–J99)	no.	1.7	2.0	2.0	np	3.2	2.0
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	2.3	3.8	6.6	np	7.7	4.2
Total (top 5 diagnoses)	**no.**	**1.2**	**1.5**	**2.1**	**1.5**	**2.9**	**1.6**
Other causes (m)	no.	1.0	1.3	2.5	1.7	3.1	1.5
Total (all causes)	**no.**	**1.2**	**1.4**	**2.2**	**1.6**	**2.9**	**1.6**
Rate difference (o)							
Diseases of the circulatory system (I00–I99)	no.	6.5	60.6	152.6	90.0	256.1	66.4
Neoplasms (C00–D48)	no.	7.2	19.0	77.6	- 43.7	183.8	37.2
External causes of morbidity and mortality (V01–Y98)	no.	26.8	18.6	82.9	50.5	81.4	42.0
Diseases of the respiratory system (J00–J99)	no.	34.4	47.6	48.9	np	123.1	51.1

Table NIRA.2.9 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2014 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (l)
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	28.5	63.2	108.8	np	200.6	69.9
Total (top 5 diagnoses)	**no.**	**103.3**	**208.8**	**470.9**	**242.7**	**845.1**	**266.5**
Other causes (m)	no.	- 4.0	29.9	171.9	100.8	275.6	63.0
Total (all causes)	**no.**	**99.3**	**238.7**	**642.8**	**343.0**	**1 120.2**	**329.6**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Causes of death data for 2014 are final. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and 2014 Final Data (Technical Note) in Causes of Death, Australia, 2016 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(j) A number of updates to the ICD-10 were applied from the 2013 causes of death data. Details of the impact of these changes on the mortality data are described in ABS Implementation of the Iris Software: Understanding Coding and Process Improvements in ABS Causes of Death, Australia, 2013 (cat. no. 3303.0).

Table NIRA.2.9 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2014 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (l)

(k) Deaths with not stated age have been prorated.

(l) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(m) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(n) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(o) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2014*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.10 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2013 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (k)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	219.1	275.9	318.0	153.2	326.5	256.1
Neoplasms (C00–D48)	rate	178.7	213.1	176.3	201.8	351.7	207.2
External causes of morbidity and mortality (V01–Y98)	rate	50.3	77.8	99.7	89.7	106.6	74.2
Diseases of the respiratory system (J00–J99)	rate	64.7	79.6	116.5	np	168.2	88.6
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	51.9	86.6	161.6	np	233.8	97.1
Total (top 5 diagnoses)	**rate**	**564.7**	**732.8**	**873.4**	**648.1**	**1 186.9**	**723.4**
Other causes (l)	rate	150.0	209.4	215.3	214.3	339.4	199.3
Total (all causes)	**rate**	**714.7**	**942.3**	**1 088.6**	**862.4**	**1 526.2**	**922.7**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	175.2	168.6	151.4	171.4	148.0	169.9
Neoplasms (C00–D48)	rate	172.7	176.0	165.0	169.9	192.7	172.1
External causes of morbidity and mortality (V01–Y98)	rate	33.9	41.0	40.7	36.0	55.9	37.3
Diseases of the respiratory system (J00–J99)	rate	47.8	45.5	43.3	50.2	78.9	47.0
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	21.0	21.7	22.1	24.3	34.0	21.8
Total (top 5 diagnoses)	**rate**	**450.5**	**453.0**	**422.5**	**451.8**	**509.6**	**448.1**
Other causes (l)	rate	126.4	113.6	115.0	136.6	136.6	122.7
Total (all causes)	**rate**	**576.9**	**566.6**	**537.5**	**588.4**	**646.2**	**570.8**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	34.5	47.1	70.4	70.5	76.6	23.5
Neoplasms (C00–D48)	rate	29.5	39.4	48.9	78.4	82.1	20.3
External causes of morbidity and mortality (V01–Y98)	rate	11.9	19.6	25.4	39.7	26.0	9.0
Diseases of the respiratory system (J00–J99)	rate	17.8	24.6	47.1	np	55.9	13.7
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	17.8	25.3	50.6	np	67.0	14.4
Total (top 5 diagnoses)	**rate**	**53.3**	**73.5**	**113.1**	**140.0**	**144.6**	**37.9**

Table NIRA.2.10 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2013 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (k)
Other causes (l)	rate	27.5	40.3	57.4	69.4	82.1	20.2
Total (all causes)	**rate**	**60.0**	**83.8**	**126.9**	**156.2**	**166.3**	**43.0**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	2.8	3.7	5.0	5.5	28.2	1.9
Neoplasms (C00–D48)	rate	2.8	3.8	5.1	5.6	30.6	1.9
External causes of morbidity and mortality (V01–Y98)	rate	1.3	1.9	2.6	2.8	14.6	0.9
Diseases of the respiratory system (J00–J99)	rate	1.5	1.9	2.7	3.0	21.4	1.0
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	1.0	1.3	1.9	2.1	13.9	0.7
Total (top 5 diagnoses)	**rate**	**4.5**	**6.1**	**8.3**	**9.1**	**51.0**	**3.1**
Other causes (l)	rate	2.4	3.1	4.3	5.0	28.0	1.6
Total (all causes)	**rate**	**5.1**	**6.8**	**9.3**	**10.4**	**58.2**	**3.5**
Rate ratio (m)							
Diseases of the circulatory system (I00–I99)	no.	1.3	1.6	2.1	0.9	2.2	1.5
Neoplasms (C00–D48)	no.	1.0	1.2	1.1	1.2	1.8	1.2
External causes of morbidity and mortality (V01–Y98)	no.	1.5	1.9	2.5	2.5	1.9	2.0
Diseases of the respiratory system (J00–J99)	no.	1.4	1.7	2.7	np	2.1	1.9
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	2.5	4.0	7.3	np	6.9	4.5
Total (top 5 diagnoses)	**no.**	**1.3**	**1.6**	**2.1**	**1.4**	**2.3**	**1.6**
Other causes (l)	no.	1.2	1.8	1.9	1.6	2.5	1.6
Total (all causes)	**no.**	**1.2**	**1.7**	**2.0**	**1.5**	**2.4**	**1.6**
Rate difference (n)							
Diseases of the circulatory system (I00–I99)	no.	43.9	107.3	166.6	-18.3	178.5	86.1
Neoplasms (C00–D48)	no.	6.0	37.0	11.3	31.9	159.0	35.1
External causes of morbidity and mortality (V01–Y98)	no.	16.4	36.7	59.1	53.7	50.7	37.0
Diseases of the respiratory system (J00–J99)	no.	16.9	34.0	73.1	np	89.3	41.6

Table NIRA.2.10 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2013 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (k)
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	31.0	64.8	139.5	np	199.8	75.3
Total (top 5 diagnoses)	**no.**	**114.2**	**279.9**	**450.9**	**196.3**	**677.2**	**275.3**
Other causes (l)	no.	23.6	95.8	100.3	77.8	202.8	76.6
Total (all causes)	**no.**	**137.8**	**375.7**	**551.2**	**274.1**	**880.1**	**351.9**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Causes of death data for 2013 are final. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and 2013 Final Data (Technical Note) in Causes of Death, Australia, 2015 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) A number of updates to the ICD-10 were applied from the 2013 causes of death data. Details of the impact of these changes on the mortality data are described in ABS Implementation of the Iris Software: Understanding Coding and Process Improvements in ABS Causes of Death, Australia, 2013 (cat. no. 3303.0).

Table NIRA.2.10 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2013 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (k)

(j) Deaths with not stated age have been prorated.

(k) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(l) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(m) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(n) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2013*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.11 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2012 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	210.5	257.4	408.5	210.0	341.5	264.1
Neoplasms (C00–D48)	rate	162.4	221.4	282.9	155.2	328.1	210.9
External causes of morbidity and mortality (V01–Y98)	rate	46.5	61.0	119.1	np	144.2	72.2
Diseases of the respiratory system (J00–J99)	rate	73.5	96.0	118.2	np	151.9	92.4
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	43.2	88.1	166.3	np	251.9	97.5
Total (top 5 diagnoses)	**rate**	**536.1**	**723.7**	**1 094.9**	**596.1**	**1 217.6**	**737.2**
Other causes (k)	rate	97.2	214.4	199.0	279.3	321.2	177.9
Total (all causes)	**rate**	**633.3**	**938.1**	**1 294.0**	**875.4**	**1 538.8**	**915.0**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	174.8	184.8	152.0	186.5	137.1	175.7
Neoplasms (C00–D48)	rate	169.8	178.9	169.0	171.5	185.2	172.2
External causes of morbidity and mortality (V01–Y98)	rate	34.3	42.7	43.1	40.2	50.3	38.7
Diseases of the respiratory system (J00–J99)	rate	54.0	51.9	47.7	54.2	52.1	52.7
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	21.2	22.7	23.2	24.2	np	22.2
Total (top 5 diagnoses)	**rate**	**454.1**	**481.0**	**435.0**	**476.6**	**449.6**	**461.5**
Other causes (k)	rate	122.1	112.0	117.3	140.7	100.6	120.9
Total (all causes)	**rate**	**576.1**	**593.0**	**552.4**	**617.3**	**550.2**	**582.3**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	35.0	46.5	87.4	88.3	74.4	24.6
Neoplasms (C00–D48)	rate	29.0	42.3	70.3	69.4	75.3	21.2
External causes of morbidity and mortality (V01–Y98)	rate	11.6	16.1	31.2	np	35.3	8.9
Diseases of the respiratory system (J00–J99)	rate	19.9	30.2	47.0	np	59.5	15.0
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	16.0	27.5	54.8	np	70.3	14.9
Total (top 5 diagnoses)	**rate**	**53.4**	**76.6**	**137.0**	**140.4**	**144.7**	**39.7**

Table NIRA.2.11 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2012 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Other causes (k)	rate	22.2	43.7	57.4	98.7	72.0	19.5
Total (all causes)	**rate**	**57.8**	**88.2**	**148.6**	**171.6**	**161.6**	**44.2**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	2.8	4.0	5.1	5.8	28.4	2.0
Neoplasms (C00–D48)	rate	2.8	3.9	5.3	5.6	31.8	1.9
External causes of morbidity and mortality (V01–Y98)	rate	1.3	1.9	2.7	3.0	13.9	1.0
Diseases of the respiratory system (J00–J99)	rate	1.6	2.1	2.8	3.1	17.3	1.1
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	1.0	1.4	2.0	2.1	np	0.7
Total (top 5 diagnoses)	**rate**	**4.6**	**6.4**	**8.5**	**9.4**	**49.7**	**3.2**
Other causes (k)	rate	2.4	3.1	4.5	5.1	24.6	1.6
Total (all causes)	**rate**	**5.2**	**7.1**	**9.6**	**10.7**	**55.5**	**3.6**
Rate ratio (l)							
Diseases of the circulatory system (I00–I99)	no.	1.2	1.4	2.7	1.1	2.5	1.5
Neoplasms (C00–D48)	no.	1.0	1.2	1.7	0.9	1.8	1.2
External causes of morbidity and mortality (V01–Y98)	no.	1.4	1.4	2.8	np	2.9	1.9
Diseases of the respiratory system (J00–J99)	no.	1.4	1.8	2.5	np	2.9	1.8
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	2.0	3.9	7.2	np	np	4.4
Total (top 5 diagnoses)	**no.**	**1.2**	**1.5**	**2.5**	**1.3**	**2.7**	**1.6**
Other causes (k)	no.	0.8	1.9	1.7	2.0	3.2	1.5
Total (all causes)	**no.**	**1.1**	**1.6**	**2.3**	**1.4**	**2.8**	**1.6**
Rate difference (m)							
Diseases of the circulatory system (I00–I99)	no.	35.8	72.6	256.5	23.4	204.4	88.4
Neoplasms (C00–D48)	no.	-7.4	42.5	113.9	-16.3	142.8	38.7
External causes of morbidity and mortality (V01–Y98)	no.	12.2	18.2	76.0	np	93.9	33.6
Diseases of the respiratory system (J00–J99)	no.	19.6	44.0	70.5	np	99.8	39.7

Table NIRA.2.11 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2012 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	21.9	65.4	143.0	np	np	75.2
Total (top 5 diagnoses)	**no.**	**82.0**	**242.7**	**659.9**	**119.5**	**768.0**	**275.7**
Other causes (k)	no.	-24.9	102.5	81.7	138.6	220.6	57.0
Total (all causes)	**no.**	**57.2**	**345.2**	**741.6**	**258.1**	**988.6**	**332.7**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Causes of death data for 2012 are final. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and Causes of Death Revisions 2012 and 2013 Final Data (Technical Note) in Causes of Death, Australia, 2014 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) Deaths with not stated age have been prorated.

Table NIRA.2.11 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2012 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)

(j) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(k) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(l) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(m) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source : ABS (unpublished) *Causes of Death, Australia, 2012* ; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031* , Series B, cat. no. 3238.0.

Table NIRA.2.12 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2011 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	210.0	268.4	321.3	232.2	345.5	256.2
Neoplasms (C00–D48)	rate	194.1	206.9	279.3	162.2	340.2	222.0
External causes of morbidity and mortality (V01–Y98)	rate	57.5	65.6	105.5	109.6	88.1	74.0
Diseases of the respiratory system (J00–J99)	rate	80.1	85.5	95.1	np	168.6	94.0
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	64.4	94.4	157.3	np	162.9	94.3
Total (top 5 diagnoses)	**rate**	**606.2**	**720.8**	**958.5**	**649.9**	**1 105.3**	**740.4**
Other causes (k)	rate	158.1	150.3	249.3	117.0	257.7	176.6
Total (all causes)	**rate**	**764.3**	**871.1**	**1 207.8**	**766.9**	**1 363.0**	**917.0**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	192.0	191.2	159.3	188.9	151.5	187.1
Neoplasms (C00–D48)	rate	180.1	175.8	167.4	174.3	190.3	176.5
External causes of morbidity and mortality (V01–Y98)	rate	34.8	42.5	40.1	36.9	45.8	38.0
Diseases of the respiratory system (J00–J99)	rate	52.4	51.6	43.5	49.8	55.5	50.7
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	21.6	23.4	22.5	26.6	32.1	22.8
Total (top 5 diagnoses)	**rate**	**480.9**	**484.6**	**432.8**	**476.4**	**475.2**	**475.2**
Other causes (k)	rate	123.8	112.5	109.2	127.7	124.9	119.4
Total (all causes)	**rate**	**604.7**	**597.0**	**542.0**	**604.1**	**600.2**	**594.6**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	35.1	51.9	76.4	86.2	76.3	24.8
Neoplasms (C00–D48)	rate	32.4	41.4	69.8	80.0	85.8	22.5
External causes of morbidity and mortality (V01–Y98)	rate	13.8	17.4	28.0	45.4	25.2	9.3
Diseases of the respiratory system (J00–J99)	rate	22.3	29.6	43.6	np	59.2	15.6
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	20.1	28.4	51.0	np	57.5	14.8
Total (top 5 diagnoses)	**rate**	**58.1**	**80.0**	**126.5**	**147.2**	**143.6**	**40.8**

Table NIRA.2.12 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2011 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Other causes (k)	rate	30.4	35.3	69.1	61.8	67.7	20.3
Total (all causes)	**rate**	**65.6**	**87.4**	**144.2**	**159.6**	**158.8**	**45.6**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	3.0	4.1	5.3	5.9	31.7	2.1
Neoplasms (C00–D48)	rate	2.9	3.9	5.3	5.8	31.9	2.0
External causes of morbidity and mortality (V01–Y98)	rate	1.3	2.0	2.6	2.9	12.3	1.0
Diseases of the respiratory system (J00–J99)	rate	1.6	2.1	2.8	3.0	19.1	1.1
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	1.0	1.4	2.0	2.2	14.3	0.7
Total (top 5 diagnoses)	**rate**	**4.8**	**6.5**	**8.6**	**9.5**	**52.4**	**3.3**
Other causes (k)	rate	2.4	3.1	4.4	4.9	28.3	1.6
Total (all causes)	**rate**	**5.3**	**7.2**	**9.7**	**10.7**	**59.5**	**3.7**
Rate ratio (l)							
Diseases of the circulatory system (I00–I99)	no.	1.1	1.4	2.0	1.2	2.3	1.4
Neoplasms (C00–D48)	no.	1.1	1.2	1.7	0.9	1.8	1.3
External causes of morbidity and mortality (V01–Y98)	no.	1.7	1.5	2.6	3.0	1.9	1.9
Diseases of the respiratory system (J00–J99)	no.	1.5	1.7	2.2	np	3.0	1.9
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	3.0	4.0	7.0	np	5.1	4.1
Total (top 5 diagnoses)	**no.**	**1.3**	**1.5**	**2.2**	**1.4**	**2.3**	**1.6**
Other causes (k)	no.	1.3	1.3	2.3	0.9	2.1	1.5
Total (all causes)	**no.**	**1.3**	**1.5**	**2.2**	**1.3**	**2.3**	**1.5**
Rate difference (m)							
Diseases of the circulatory system (I00–I99)	no.	18.0	77.2	162.0	43.3	193.9	69.1
Neoplasms (C00–D48)	no.	14.0	31.1	111.9	-12.1	149.9	45.4
External causes of morbidity and mortality (V01–Y98)	no.	22.7	23.1	65.5	72.7	42.3	35.9
Diseases of the respiratory system (J00–J99)	no.	27.7	33.9	51.6	np	113.1	43.2

Table NIRA.2.12 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2011 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	42.8	71.0	134.8	np	130.9	71.5
Total (top 5 diagnoses)	**no.**	**125.2**	**236.3**	**525.7**	**173.5**	**630.1**	**265.2**
Other causes (k)	no.	34.3	37.9	140.2	-10.7	132.8	57.2
Total (all causes)	**no.**	**159.6**	**274.1**	**665.8**	**162.8**	**762.9**	**322.4**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Causes of death data for 2011 are final. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and Causes of Death Revisions 2011 and 2012 Final Data (Technical Note) in Causes of Death, Australia, 2013 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) Deaths with not stated age have been prorated.

Table NIRA.2.12 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2011 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)

(j) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(k) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(l) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(m) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source : ABS (unpublished) *Causes of Death, Australia, 2011* ; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031* , Series B, cat. no. 3238.0.

Table NIRA.2.13 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2010 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	211.1	276.9	381.5	291.3	325.8	268.9
Neoplasms (C00–D48)	rate	172.6	239.6	213.6	197.9	285.7	210.1
External causes of morbidity and mortality (V01–Y98)	rate	41.8	50.0	105.8	71.2	129.8	65.2
Diseases of the respiratory system (J00–J99)	rate	83.2	81.2	120.2	np	160.0	97.4
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	47.2	109.5	139.3	np	157.0	88.1
Total (top 5 diagnoses)	**rate**	**555.9**	**757.1**	**960.3**	**730.5**	**1 058.2**	**729.7**
Other causes (l)	rate	119.9	189.5	248.9	297.6	391.0	196.8
Total (all causes)	**rate**	**675.9**	**946.8**	**1 209.2**	**1 028.1**	**1 449.3**	**926.5**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	189.0	193.6	166.7	202.6	148.9	188.9
Neoplasms (C00–D48)	rate	178.1	184.0	173.5	182.1	201.5	179.4
External causes of morbidity and mortality (V01–Y98)	rate	34.7	40.3	43.0	38.3	62.6	38.0
Diseases of the respiratory system (J00–J99)	rate	51.0	48.9	42.4	52.1	51.8	49.5
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	19.8	21.6	23.5	26.4	26.8	21.5
Total (top 5 diagnoses)	**rate**	**472.5**	**488.4**	**449.1**	**501.4**	**491.6**	**477.3**
Other causes (l)	rate	114.7	106.7	112.5	125.7	131.1	113.7
Total (all causes)	**rate**	**587.2**	**595.1**	**561.6**	**627.1**	**622.7**	**591.0**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	36.1	52.7	83.8	115.4	77.3	26.0
Neoplasms (C00–D48)	rate	31.6	46.3	60.4	91.3	76.5	22.4
External causes of morbidity and mortality (V01–Y98)	rate	11.4	14.1	31.4	30.2	33.3	8.4
Diseases of the respiratory system (J00–J99)	rate	23.8	29.8	53.0	np	58.0	16.6
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	15.8	31.3	49.9	np	52.4	14.0
Total (top 5 diagnoses)	**rate**	**57.0**	**83.6**	**130.2**	**175.0**	**138.0**	**41.5**

Table NIRA.2.13 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2010 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)
Other causes (l)	rate	26.4	40.4	63.8	115.5	90.6	21.5
Total (all causes)	**rate**	**62.8**	**92.9**	**145.0**	**209.7**	**165.1**	**46.7**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	3.0	4.2	5.5	6.1	31.5	2.1
Neoplasms (C00–D48)	rate	2.9	4.0	5.5	5.9	34.6	2.0
External causes of morbidity and mortality (V01–Y98)	rate	1.4	1.9	2.7	3.0	15.5	1.0
Diseases of the respiratory system (J00–J99)	rate	1.6	2.1	2.8	3.1	19.0	1.1
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	1.0	1.4	2.1	2.2	12.7	0.7
Total (top 5 diagnoses)	**rate**	**4.8**	**6.6**	**8.9**	**9.8**	**54.3**	**3.3**
Other causes (l)	rate	2.4	3.1	4.5	4.9	29.4	1.6
Total (all causes)	**rate**	**5.3**	**7.3**	**10.0**	**11.0**	**61.8**	**3.7**
Rate ratio (m)							
Diseases of the circulatory system (I00–I99)	no.	1.1	1.4	2.3	1.4	2.2	1.4
Neoplasms (C00–D48)	no.	1.0	1.3	1.2	1.1	1.4	1.2
External causes of morbidity and mortality (V01–Y98)	no.	1.2	1.2	2.5	1.9	2.1	1.7
Diseases of the respiratory system (J00–J99)	no.	1.6	1.7	2.8	np	3.1	2.0
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	2.4	5.1	5.9	np	5.9	4.1
Total (top 5 diagnoses)	**no.**	**1.2**	**1.6**	**2.1**	**1.5**	**2.2**	**1.5**
Other causes (l)	no.	1.0	1.8	2.2	2.4	3.0	1.7
Total (all causes)	**no.**	**1.2**	**1.6**	**2.2**	**1.6**	**2.3**	**1.6**
Rate difference (n)							
Diseases of the circulatory system (I00–I99)	no.	22.2	83.3	214.8	88.8	177.0	80.1
Neoplasms (C00–D48)	no.	-5.4	55.6	40.1	15.8	84.2	30.6
External causes of morbidity and mortality (V01–Y98)	no.	7.1	9.7	62.8	33.0	67.2	27.2
Diseases of the respiratory system (J00–J99)	no.	32.2	32.4	77.8	np	108.1	48.0

Table NIRA.2.13 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2010 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	27.4	87.9	115.8	np	130.2	66.5
Total (top 5 diagnoses)	**no.**	**83.5**	**268.8**	**511.2**	**229.1**	**566.6**	**252.4**
Other causes (l)	no.	5.2	82.8	136.4	171.9	259.9	83.1
Total (all causes)	**no.**	**88.7**	**351.8**	**647.6**	**401.0**	**826.5**	**335.5**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Causes of death data for 2010 are final. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and Causes of Death Revisions 2010 and 2011 Final Data (Technical Note) in Causes of Death, Australia, 2012 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) Deaths with not stated age have been prorated.

Table NIRA.2.13 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2010 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)

(j) Care should be taken when interpreting deaths data for Queensland for 2010 as they are affected by recent changes in the timeliness of birth and deaths registrations. Queensland deaths data for 2010 have been adjusted to minimise the impact of late registration of deaths on mortality indicators.

In November 2010, the Queensland Registrar of Births, Deaths and Marriages advised the ABS of an outstanding deaths registration initiative undertaken by the Registry. This initiative resulted in the November 2010 registration of 374 previously unregistered deaths which occurred between 1992 and 2006 (including a few for which a date of death was unknown). Of these, around three quarters (284) were deaths of Aboriginal and Torres Strait Islander Australians.

The ABS discussed different methods of adjustment of Queensland death registrations data for 2010 with key stakeholders. Following the discussion, a decision was made by the ABS and key stakeholders to use an adjustment method that added together deaths registered in 2010 for usual residents of Queensland which occurred in 2007, 2008, 2009 and 2010. This method minimises the impact on mortality indicators used in various government reports. However, care should still be taken when interpreting Aboriginal and Torres Strait Islander death data for Queensland for 2010. For further details see Technical Note: Registration of outstanding deaths, Queensland 2010, from Deaths, Australia, 2010 (Cat. no. 3302.0).

(k) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(l) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(m) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(n) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2010*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.14 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2009 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	249.2	294.4	332.1	284.5	316.7	281.8
Neoplasms (C00–D48)	rate	143.3	227.7	230.4	193.9	332.0	199.0
External causes of morbidity and mortality (V01–Y98)	rate	37.1	57.2	96.7	58.4	117.8	62.3
Diseases of the respiratory system (J00–J99)	rate	80.7	96.5	83.0	np	114.7	91.1
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	39.9	112.0	164.7	np	217.4	95.1
Total (top 5 diagnoses)	**rate**	**550.2**	**787.9**	**906.9**	**696.9**	**1 098.7**	**729.2**
Other causes (k)	rate	123.8	220.2	310.3	205.1	336.8	203.9
Total (all causes)	**rate**	**674.1**	**1 008.2**	**1 217.2**	**902.0**	**1 435.4**	**933.2**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	197.1	195.7	177.7	203.7	154.6	194.9
Neoplasms (C00–D48)	rate	175.3	180.9	178.0	180.0	192.9	177.7
External causes of morbidity and mortality (V01–Y98)	rate	35.0	41.1	39.7	38.8	56.2	37.9
Diseases of the respiratory system (J00–J99)	rate	47.8	47.5	40.2	45.9	62.0	46.5
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	21.8	23.7	23.7	24.5	32.1	22.8
Total (top 5 diagnoses)	**rate**	**477.0**	**489.0**	**459.3**	**492.8**	**497.8**	**479.9**
Other causes (k)	rate	111.4	104.6	111.7	119.7	136.4	110.8
Total (all causes)	**rate**	**588.3**	**593.5**	**571.1**	**612.5**	**634.2**	**590.7**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	41.4	56.9	79.2	108.6	78.1	27.7
Neoplasms (C00–D48)	rate	28.4	48.4	63.8	93.8	84.1	22.1
External causes of morbidity and mortality (V01–Y98)	rate	11.1	15.9	27.8	25.0	33.9	8.4
Diseases of the respiratory system (J00–J99)	rate	23.8	32.3	40.4	np	49.0	15.8
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	15.1	33.2	57.0	np	67.3	15.3
Total (top 5 diagnoses)	**rate**	**58.6**	**89.3**	**126.5**	**163.2**	**145.8**	**42.6**

Table NIRA.2.14 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2009 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Other causes (k)	rate	27.6	48.5	79.1	73.0	83.0	22.9
Total (all causes)	**rate**	**64.8**	**101.6**	**149.2**	**178.8**	**167.7**	**48.4**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	3.1	4.3	5.7	6.2	33.1	2.1
Neoplasms (C00–D48)	rate	2.9	4.1	5.7	5.9	34.4	2.1
External causes of morbidity and mortality (V01–Y98)	rate	1.4	2.0	2.7	3.0	14.9	1.0
Diseases of the respiratory system (J00–J99)	rate	1.5	2.1	2.7	3.0	20.9	1.0
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	1.0	1.5	2.1	2.2	14.9	0.7
Total (top 5 diagnoses)	**rate**	**4.9**	**6.7**	**9.2**	**9.8**	**56.2**	**3.4**
Other causes (k)	rate	2.3	3.1	4.5	4.8	30.4	1.6
Total (all causes)	**rate**	**5.4**	**7.4**	**10.2**	**10.9**	**63.8**	**3.8**
Rate ratio (l)							
Diseases of the circulatory system (I00–I99)	no.	1.3	1.5	1.9	1.4	2.0	1.4
Neoplasms (C00–D48)	no.	0.8	1.3	1.3	1.1	1.7	1.1
External causes of morbidity and mortality (V01–Y98)	no.	1.1	1.4	2.4	1.5	2.1	1.6
Diseases of the respiratory system (J00–J99)	no.	1.7	2.0	2.1	np	1.9	2.0
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	1.8	4.7	6.9	np	6.8	4.2
Total (top 5 diagnoses)	**no.**	**1.2**	**1.6**	**2.0**	**1.4**	**2.2**	**1.5**
Other causes (k)	no.	1.1	2.1	2.8	1.7	2.5	1.8
Total (all causes)	**no.**	**1.1**	**1.7**	**2.1**	**1.5**	**2.3**	**1.6**
Rate difference (m)							
Diseases of the circulatory system (I00–I99)	no.	52.1	98.7	154.4	80.8	162.2	86.8
Neoplasms (C00–D48)	no.	-32.0	46.8	52.4	13.9	139.1	21.3
External causes of morbidity and mortality (V01–Y98)	no.	2.1	16.1	57.0	19.7	61.6	24.4
Diseases of the respiratory system (J00–J99)	no.	32.9	49.0	42.8	np	52.8	44.6

Table NIRA.2.14 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2009 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	18.1	88.3	141.0	np	185.2	72.3
Total (top 5 diagnoses)	**no.**	**73.3**	**299.0**	**447.6**	**204.1**	**600.8**	**249.3**
Other causes (k)	no.	12.5	115.7	198.5	85.3	200.4	93.2
Total (all causes)	**no.**	**85.7**	**414.6**	**646.1**	**289.5**	**801.2**	**342.5**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Causes of death data for 2009 are final. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and Causes of Death Revisions 2009 and 2010 Final Data (Technical Note) in Causes of Death, Australia, 2011 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) Deaths with not stated age have been prorated.

Table NIRA.2.14 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2009 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)

(j) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(k) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(l) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(m) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2009*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.15 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2008 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	230.6	285.3	426.0	287.5	329.2	285.6
Neoplasms (C00–D48)	rate	169.7	245.7	229.3	162.4	326.6	215.1
External causes of morbidity and mortality (V01–Y98)	rate	40.3	62.2	150.9	139.0	133.7	79.3
Diseases of the respiratory system (J00–J99)	rate	67.0	63.0	100.4	np	177.0	81.6
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	51.9	131.1	161.9	np	285.2	115.4
Total (top 5 diagnoses)	**rate**	**560.2**	**787.4**	**1 068.5**	**726.6**	**1 253.8**	**777.4**
Other causes (k)	rate	124.1	161.5	331.3	199.1	393.3	196.8
Total (all causes)	**rate**	**684.3**	**948.9**	**1 399.8**	**925.7**	**1 647.2**	**974.3**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	217.5	223.1	189.2	205.2	181.4	213.7
Neoplasms (C00–D48)	rate	180.5	191.2	177.3	189.1	214.7	184.0
External causes of morbidity and mortality (V01–Y98)	rate	35.4	41.6	42.7	38.1	82.4	38.7
Diseases of the respiratory system (J00–J99)	rate	49.7	49.7	44.4	48.1	75.3	48.9
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	21.9	26.0	25.4	25.1	37.6	23.9
Total (top 5 diagnoses)	**rate**	**505.0**	**531.6**	**479.1**	**505.5**	**591.4**	**509.1**
Other causes (k)	rate	116.8	109.5	114.9	121.6	156.8	115.4
Total (all causes)	**rate**	**621.8**	**641.1**	**594.0**	**627.1**	**748.2**	**624.6**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	40.7	57.4	91.5	110.5	82.2	28.5
Neoplasms (C00–D48)	rate	34.3	50.4	67.3	78.7	81.5	24.1
External causes of morbidity and mortality (V01–Y98)	rate	12.2	20.8	39.9	63.8	32.9	10.7
Diseases of the respiratory system (J00–J99)	rate	22.2	28.1	49.1	np	63.2	15.8
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	19.9	40.8	55.6	np	82.3	18.5
Total (top 5 diagnoses)	**rate**	**62.3**	**93.4**	**141.4**	**169.3**	**159.0**	**45.8**

Table NIRA.2.15 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2008 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Other causes (k)	rate	28.1	40.8	79.5	95.8	90.3	22.6
Total (all causes)	**rate**	**68.3**	**101.9**	**162.3**	**194.5**	**182.9**	**51.1**
Variability bands: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	3.3	4.6	6.0	6.2	36.2	2.3
Neoplasms (C00–D48)	rate	3.0	4.2	5.7	6.1	38.2	2.1
External causes of morbidity and mortality (V01–Y98)	rate	1.4	2.0	2.8	3.0	19.9	1.0
Diseases of the respiratory system (J00–J99)	rate	1.6	2.2	2.9	3.0	23.7	1.1
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	1.0	1.6	2.2	2.2	16.7	0.8
Total (top 5 diagnoses)	**rate**	**5.0**	**7.1**	**9.5**	**10.0**	**63.3**	**3.5**
Other causes (k)	rate	2.4	3.2	4.7	4.9	33.5	1.7
Total (all causes)	**rate**	**5.6**	**7.8**	**10.6**	**11.1**	**71.6**	**3.9**
Rate ratio (l)							
Diseases of the circulatory system (I00–I99)	no.	1.1	1.3	2.3	1.4	1.8	1.3
Neoplasms (C00–D48)	no.	0.9	1.3	1.3	0.9	1.5	1.2
External causes of morbidity and mortality (V01–Y98)	no.	1.1	1.5	3.5	3.7	1.6	2.0
Diseases of the respiratory system (J00–J99)	no.	1.3	1.3	2.3	np	2.3	1.7
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	2.4	5.0	6.4	np	7.6	4.8
Total (top 5 diagnoses)	**no.**	**1.1**	**1.5**	**2.2**	**1.4**	**2.1**	**1.5**
Other causes (k)	no.	1.1	1.5	2.9	1.6	2.5	1.7
Total (all causes)	**no.**	**1.1**	**1.5**	**2.4**	**1.5**	**2.2**	**1.6**
Rate difference (m)							
Diseases of the circulatory system (I00–I99)	no.	13.1	62.2	236.8	82.3	147.8	72.0
Neoplasms (C00–D48)	no.	-10.8	54.5	52.0	-26.7	111.9	31.1
External causes of morbidity and mortality (V01–Y98)	no.	5.0	20.6	108.2	101.0	51.4	40.6
Diseases of the respiratory system (J00–J99)	no.	17.3	13.3	56.0	np	101.7	32.7

Table NIRA.2.15 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2008 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	30.0	105.1	136.4	np	247.7	91.5
Total (top 5 diagnoses)	**no.**	**55.2**	**255.7**	**589.5**	**221.1**	**662.4**	**268.3**
Other causes (k)	no.	7.3	52.1	216.4	77.5	236.5	81.4
Total (all causes)	**no.**	**62.5**	**307.8**	**805.8**	**298.6**	**898.9**	**349.7**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Causes of death data for 2008 are final. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and Causes of Death Revisions 2008 and 2009 Final Data (Technical Note) in Causes of Death, Australia, 2010 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) Deaths with not stated age have been prorated.

Table NIRA.2.15 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2008 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)

(j) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(k) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(l) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(m) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source : ABS (unpublished) *Causes of Death, Australia, 2008* ; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031* , Series B, cat. no. 3238.0.

Table NIRA.2.16 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2007 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	278.1	322.1	467.6	382.6	427.0	336.9
Neoplasms (C00–D48)	rate	164.6	201.1	269.8	199.0	280.3	203.3
External causes of morbidity and mortality (V01–Y98)	rate	41.6	64.3	117.4	np	136.9	71.1
Diseases of the respiratory system (J00–J99)	rate	73.8	127.7	139.9	np	147.8	106.2
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	40.2	121.7	145.4	np	187.8	94.6
Total (top 5 causes)	**rate**	**598.3**	**837.0**	**1 140.1**	**819.0**	**1 179.3**	**812.0**
Other causes (k)	rate	126.9	185.2	308.6	206.7	386.1	202.6
Total (all causes)	**rate**	**725.3**	**1 022.3**	**1 448.7**	**1 025.7**	**1 565.4**	**1 014.7**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	211.7	214.4	188.4	215.4	202.7	209.9
Neoplasms (C00–D48)	rate	180.8	172.0	181.1	182.9	215.1	178.9
External causes of morbidity and mortality (V01–Y98)	rate	34.8	41.3	41.7	38.5	73.1	38.2
Diseases of the respiratory system (J00–J99)	rate	50.6	60.0	45.9	47.2	47.4	52.0
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	20.3	20.9	24.9	24.9	34.9	21.7
Total (top 5 causes)	**rate**	**498.2**	**508.6**	**482.1**	**509.0**	**573.2**	**500.6**
Other causes (k)	rate	113.0	109.6	107.3	115.7	127.0	111.8
Total (all causes)	**rate**	**611.2**	**618.2**	**589.4**	**624.7**	**700.2**	**612.4**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	46.1	62.2	100.8	143.0	94.0	31.8
Neoplasms (C00–D48)	rate	32.3	45.3	73.7	97.1	74.2	23.1
External causes of morbidity and mortality (V01–Y98)	rate	12.9	17.0	38.1	np	32.6	9.7
Diseases of the respiratory system (J00–J99)	rate	23.9	41.6	57.9	np	57.8	18.5
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	16.0	37.7	54.1	np	61.6	16.0
Total (top 5 diagnoses)	**rate**	**64.5**	**96.8**	**152.7**	**199.7**	**150.1**	**47.3**

Table NIRA.2.16 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2007 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Other causes (k)	rate	28.7	45.6	79.0	103.1	91.1	23.7
Total (all causes)	**rate**	**70.6**	**107.0**	**171.9**	**224.7**	**175.6**	**52.9**
Variability bands: Non-Indigenous (per 100 000 people) (i), (j)							
Diseases of the circulatory system (I00–I99)	rate	3.3	4.6	6.1	6.5	39.5	2.3
Neoplasms (C00–D48)	rate	3.1	4.1	5.9	6.1	37.8	2.1
External causes of morbidity and mortality (V01–Y98)	rate	1.4	2.0	2.8	3.0	18.5	1.0
Diseases of the respiratory system (J00–J99)	rate	1.6	2.4	3.0	3.0	18.4	1.1
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	1.0	1.4	2.2	2.2	15.6	0.7
Total (top 5 diagnoses)	**rate**	**5.1**	**7.0**	**9.6**	**10.1**	**62.6**	**3.5**
Other causes (k)	rate	2.4	3.3	4.6	4.8	29.8	1.7
Total (all causes)	**rate**	**5.6**	**7.7**	**10.7**	**11.2**	**69.3**	**3.9**
Rate ratio (l)							
Diseases of the circulatory system (I00–I99)	no.	1.3	1.5	2.5	1.8	2.1	1.6
Neoplasms (C00-D48)	no.	0.9	1.2	1.5	1.1	1.3	1.1
External causes of morbidity and mortality (V01–Y98)	no.	1.2	1.6	2.8	np	1.9	1.9
Diseases of the respiratory system (J00–J99)	no.	1.5	2.1	3.0	np	3.1	2.0
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	2.0	5.8	5.8	np	5.4	4.4
Total (top 5 causes)	**no.**	**1.2**	**1.6**	**2.4**	**1.6**	**2.1**	**1.6**
Other causes (k)	no.	1.1	1.7	2.9	1.8	3.0	1.8
Total (all causes)	**no.**	**1.2**	**1.7**	**2.5**	**1.6**	**2.2**	**1.7**
Rate difference (m)							
Diseases of the circulatory system (I00–I99)	no.	66.3	107.7	279.1	167.2	224.3	127.1
Neoplasms (C00-D48)	no.	-16.2	29.1	88.7	16.1	65.2	24.4
External causes of morbidity and mortality (V01–Y98)	no.	6.9	23.1	75.7	np	63.8	32.9
Diseases of the respiratory system (J00–J99)	no.	23.2	67.8	94.0	np	100.4	54.3

Table NIRA.2.16 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2007 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	19.8	100.9	120.5	np	152.9	72.9
Total (top 5 causes)	**no.**	**100.1**	**328.5**	**658.0**	**310.0**	**606.1**	**311.5**
Other causes (k)	no.	13.9	75.7	201.2	91.0	259.1	90.8
Total (all causes)	**no.**	**114.0**	**404.1**	**859.2**	**401.0**	**865.1**	**402.3**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Causes of death data for 2007 are final. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and Causes of Death Revisions (Technical Note) in Causes of Death, Australia, 2009 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) Deaths with not stated age have been prorated.

Table NIRA.2.16 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2007 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)

(j) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(k) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(l) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(m) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source : ABS (unpublished) *Causes of Death, Australia, 2007* ; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031* , Series B, cat. no. 3238.0.

Table NIRA.2.17 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2006 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	256.3	379.7	384.5	240.9	421.3	322.9
Neoplasms (C00–D48)	rate	163.2	194.9	346.5	231.8	215.8	205.4
External causes of morbidity and mortality (V01–Y98)	rate	31.3	53.7	137.2	69.9	155.8	70.3
Diseases of the respiratory system (J00–J99)	rate	70.8	75.1	164.9	np	231.7	104.1
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	28.1	163.2	188.2	np	186.7	105.9
Total (top 5 causes)	**rate**	**549.6**	**866.6**	**1 221.3**	**690.8**	**1 211.2**	**808.6**
Other causes (k)	rate	130.2	170.6	345.6	252.7	423.9	211.9
Total (all causes)	**rate**	**679.9**	**1 037.3**	**1 566.9**	**943.4**	**1 635.2**	**1 020.5**
Age standardised mortality rates: Non-Indigenous (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	215.5	218.6	190.3	205.4	193.5	211.7
Neoplasms (C00–D48)	rate	182.7	178.1	180.1	185.1	223.3	181.6
External causes of morbidity and mortality (V01–Y98)	rate	34.7	39.8	38.0	35.6	49.5	36.7
Diseases of the respiratory system (J00–J99)	rate	51.6	48.8	42.3	53.3	60.8	50.0
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	18.8	21.6	22.6	23.8	np	20.7
Total (top 5 causes)	**rate**	**503.4**	**506.8**	**473.3**	**503.2**	**550.4**	**500.7**
Other causes (k)	rate	110.6	99.4	99.5	110.2	92.2	106.3
Total (all causes)	**rate**	**614.0**	**606.2**	**572.8**	**613.4**	**642.5**	**606.9**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	46.1	71.6	97.1	110.3	95.8	32.6
Neoplasms (C00–D48)	rate	33.6	45.3	93.1	114.2	70.1	24.6
External causes of morbidity and mortality (V01–Y98)	rate	9.5	14.5	41.0	31.9	42.1	9.6
Diseases of the respiratory system (J00–J99)	rate	23.3	31.4	67.8	np	75.7	18.6
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	13.1	46.6	69.6	np	67.6	18.5
Total (top 5 diagnoses)	**rate**	**63.7**	**102.7**	**170.9**	**184.2**	**161.7**	**49.5**

Table NIRA.2.17 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2006 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Other causes (k)	rate	29.8	44.4	90.6	115.7	96.8	25.0
Total (all causes)	**rate**	**70.3**	**111.9**	**193.4**	**217.5**	**188.5**	**55.5**
Variability bands: Non-Indigenous (per 100 000 people) (i), (j)							
Diseases of the circulatory system (I00–I99)	rate	3.3	4.7	6.2	6.4	39.0	2.3
Neoplasms (C00–D48)	rate	3.1	4.2	6.0	6.2	39.1	2.2
External causes of morbidity and mortality (V01–Y98)	rate	1.4	2.0	2.7	2.9	14.1	1.0
Diseases of the respiratory system (J00–J99)	rate	1.6	2.2	2.9	3.2	21.4	1.1
Endocrine, nutritional and metabolic diseases (E00–E90)	rate	1.0	1.5	2.1	2.2	np	0.7
Total (top 5 diagnoses)	**rate**	**5.1**	**7.1**	**9.7**	**10.1**	**62.4**	**3.6**
Other causes (k)	rate	2.4	3.2	4.5	4.7	25.6	1.6
Total (all causes)	**rate**	**5.7**	**7.8**	**10.7**	**11.2**	**67.4**	**3.9**
Rate ratio (l)							
Diseases of the circulatory system (I00–I99)	no.	1.2	1.7	2.0	1.2	2.2	1.5
Neoplasms (C00-D48)	no.	0.9	1.1	1.9	1.3	1.0	1.1
External causes of morbidity and mortality (V01–Y98)	no.	0.9	1.3	3.6	2.0	3.1	1.9
Diseases of the respiratory system (J00–J99)	no.	1.4	1.5	3.9	np	3.8	2.1
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	1.5	7.6	8.3	np	np	5.1
Total (top 5 causes)	**no.**	**1.1**	**1.7**	**2.6**	**1.4**	**2.2**	**1.6**
Other causes (k)	no.	1.2	1.7	3.5	2.3	4.6	2.0
Total (all causes)	**no.**	**1.1**	**1.7**	**2.7**	**1.5**	**2.5**	**1.7**
Rate difference (m)							
Diseases of the circulatory system (I00–I99)	no.	40.7	161.2	194.2	35.5	227.8	111.1
Neoplasms (C00-D48)	no.	-19.5	16.9	166.4	46.7	-7.5	23.9
External causes of morbidity and mortality (V01–Y98)	no.	-3.4	13.9	99.3	34.4	106.3	33.6
Diseases of the respiratory system (J00–J99)	no.	19.2	26.3	122.6	np	170.9	54.1

Table NIRA.2.17 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2006 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)
Endocrine, nutritional and metabolic diseases (E00–E90)	no.	9.2	141.6	165.6	np	np	85.2
Total (top 5 causes)	**no.**	**46.2**	**359.8**	**748.0**	**187.5**	**660.9**	**308.0**
Other causes (k)	no.	19.6	71.3	246.1	142.5	331.8	105.6
Total (all causes)	**no.**	**65.8**	**431.1**	**994.1**	**330.0**	**992.6**	**413.6**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Causes of death data for 2006 are final. See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and Causes of Death Revisions 2006 (Technical Note) in Causes of Death, Australia, 2010 (Cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) Deaths with not stated age have been prorated.

Table NIRA.2.17 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, 2006 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (j)

(j) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(k) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(l) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(m) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2006*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.18 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld* (l)	*WA*	*SA*	*NT*	*Total* (m)
Aboriginal and Torres Strait Islander deaths							
Diseases of the circulatory system (I00–I99)	no.	936	927	638	226	592	3 319
External causes of morbidity and mortality (V01–Y98)	no.	593	591	477	135	366	2 162
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	271	388	263	72	302	1 296
Diabetes mellitus (E10–E14)	no.	209	337	235	59	259	1 099
Diseases of the respiratory system (J00–J99)	no.	499	371	199	81	233	1 383
Neoplasms (C00–D48)	no.	1 104	1 096	478	211	500	3 389
Malignant neoplasms of digestive organs (C15–C26)	no.	310	320	139	61	139	969
Malignant neoplasm of bronchus and lung (C34)	no.	311	301	100	63	102	877
Malignant neoplasm of cervix uteri (C53)	no.	13	25	12	2	12	66
Breast cancer (C50)	no.	69	54	31	11	28	193
Lip, oral cavity and pharynx (C00–C14)	no.	35	36	40	10	46	167
Diseases of the digestive system (K00–K93)	no.	238	215	140	51	131	775
Kidney Diseases (N00–N29)	no.	51	55	75	8	70	259
Certain conditions originating in the perinatal period (P00–P96)	no.	78	102	42	16	62	300
Certain infectious and parasitic diseases (A00–B99)	no.	112	106	64	19	53	354
Diseases of the nervous system (G00–G99)	no.	137	100	73	37	43	390
Other causes (n)	no.	271	323	215	95	203	1 107
All Causes	**no.**	**4 290**	**4 274**	**2 664**	**951**	**2 555**	**14 734**
Age standardised rates: Aboriginal and Torres Strait Islander (per 100 000)							
Diseases of the circulatory system (I00–I99)	rate	171.2	232.1	300.3	260.4	348.0	229.9
External causes of morbidity and mortality (V01–Y98)	rate	61.0	67.0	110.5	84.4	121.8	78.2
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	45.1	96.1	144.2	82.3	183.9	88.5
Diabetes mellitus (E10–E14)	rate	36.6	84.5	130.2	70.2	163.4	76.9

Table NIRA.2.18 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld* (l)	*WA*	*SA*	*NT*	*Total* (m)
Diseases of the respiratory system (J00–J99)	rate	95.8	95.7	111.2	100.0	157.9	104.3
Neoplasms (C00–D48)	rate	182.8	250.5	224.5	220.4	321.4	224.2
Malignant neoplasms of digestive organs (C15–C26)	rate	50.1	75.1	61.6	66.3	93.7	64.1
Malignant neoplasm of bronchus and lung (C34)	rate	50.1	65.4	45.6	66.3	61.7	56.2
Malignant neoplasm of cervix uteri (C53)	rate	np	4.3	np	np	np	3.7
Breast cancer (C50)	rate	9.9	10.8	14.9	np	22.4	12.0
Lip, oral cavity and pharynx (C00–C14)	rate	5.1	5.8	14.9	np	24.3	8.8
Diseases of the digestive system (K00–K93)	rate	32.1	43.3	55.8	43.6	62.6	42.3
Kidney Diseases (N00–N29)	rate	10.5	13.7	39.1	np	44.0	18.6
Certain conditions originating in the perinatal period (P00–P96)	rate	3.2	5.0	4.9	np	11.3	4.8
Certain infectious and parasitic diseases (A00–B99)	rate	16.5	20.2	23.0	np	26.7	19.8
Diseases of the nervous system (G00–G99)	rate	23.4	21.1	32.7	45.8	27.8	25.8
Other causes (n)	rate	48.4	87.3	105.8	99.9	159.1	80.5
All Causes	**rate**	**690.2**	**932.1**	**1151.9**	**972.9**	**1464.5**	**916.9**
Age standardised mortality rates: Non-Indigenous people (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	162.8	158.7	138.9	157.7	127.6	157.8
External causes of morbidity and mortality (V01–Y98)	rate	36.5	42.2	45.4	41.0	54.6	40.0
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	23.6	22.2	21.2	24.7	27.2	23.0
Diabetes mellitus (E10–E14)	rate	16.5	15.2	13.8	18.0	19.8	16.0
Diseases of the respiratory system (J00–J99)	rate	52.4	49.2	53.7	54.3	53.1	51.9
Neoplasms (C00–D48)	rate	164.8	170.2	157.3	169.3	183.2	165.8
Malignant neoplasms of digestive organs (C15–C26)	rate	46.4	46.6	42.5	47.4	55.4	46.0
Malignant neoplasm of bronchus and lung (C34)	rate	29.0	31.0	28.6	28.6	40.4	29.6
Malignant neoplasm of cervix uteri (C53)	rate	0.8	1.0	0.8	1.0	np	0.9

Table NIRA.2.18 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld* (l)	*WA*	*SA*	*NT*	*Total* (m)
Breast cancer (C50)	rate	10.7	10.4	10.0	11.5	7.8	10.6
Lip, oral cavity and pharynx (C00–C14)	rate	3.1	3.2	2.9	2.8	6.7	3.1
Diseases of the digestive system (K00–K93)	rate	20.4	20.5	18.9	21.1	19.5	20.3
Kidney Diseases (N00–N29)	rate	8.7	6.9	10.1	8.2	5.3	8.3
Certain conditions originating in the perinatal period (P00–P96)	rate	2.4	2.5	1.3	1.8	2.9	2.2
Certain infectious and parasitic diseases (A00–B99)	rate	11.1	7.8	8.1	9.3	9.6	9.6
Diseases of the nervous system (G00–G99)	rate	29.4	29.1	33.4	38.0	20.8	30.8
Other causes (n)	rate	58.8	54.1	46.6	66.7	51.4	56.8
All Causes	**rate**	**570.9**	**563.4**	**534.9**	**592.0**	**555.1**	**566.7**
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	27.6	39.4	63.9	87.6	78.5	20.5
External causes of morbidity and mortality (V01–Y98)	rate	12.7	14.6	26.5	36.3	35.5	8.7
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	13.5	25.0	46.8	48.5	56.1	12.5
Diabetes mellitus (E10–E14)	rate	12.4	23.5	44.6	45.2	53.2	11.7
Diseases of the respiratory system (J00–J99)	rate	20.9	25.5	41.6	54.7	55.0	14.1
Neoplasms (C00–D48)	rate	27.2	38.8	54.1	76.0	76.3	19.5
Malignant neoplasms of digestive organs (C15–C26)	rate	14.0	21.4	26.7	42.2	41.9	10.4
Malignant neoplasm of bronchus and lung (C34)	rate	13.9	19.0	23.5	41.4	31.4	9.5
Malignant neoplasm of cervix uteri (C53)	rate	np	4.6	np	np	np	2.4
Breast cancer (C50)	rate	5.9	7.5	14.4	np	22.3	4.4
Lip, oral cavity and pharynx (C00–C14)	rate	4.2	4.6	12.3	np	18.7	3.4
Diseases of the digestive system (K00–K93)	rate	10.2	15.5	25.1	29.9	30.2	7.8
Kidney Diseases (N00–N29)	rate	7.2	9.5	23.6	np	28.1	5.9
Certain conditions originating in the perinatal period (P00–P96)	rate	1.6	2.2	3.3	np	6.3	1.2

Table NIRA.2.18 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld* (l)	*WA*	*SA*	*NT*	*Total* (m)
Certain infectious and parasitic diseases (A00–B99)	rate	7.9	10.7	16.1	np	20.0	5.6
Diseases of the nervous system (G00–G99)	rate	10.1	11.5	21.6	38.4	23.3	6.9
Other causes (n)	rate	15.2	25.9	41.1	54.4	61.0	12.9
All Causes	**rate**	**53.2**	**76.2**	**123.5**	**162.6**	**160.7**	**39.7**
Variability bands: Non-Indigenous people (per 100 000 people)							
Diseases of the circulatory system (I00–I99)	rate	2.6	3.5	4.6	5.1	24.2	1.8
External causes of morbidity and mortality (V01–Y98)	rate	1.3	1.9	2.7	2.9	13.0	0.9
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	1.0	1.3	1.8	2.1	11.2	0.7
Diabetes mellitus (E10–E14)	rate	0.8	1.1	1.4	1.7	9.5	0.6
Diseases of the respiratory system (J00–J99)	rate	1.5	1.9	2.8	3.0	15.5	1.0
Neoplasms (C00–D48)	rate	2.6	3.5	4.8	5.4	27.2	1.8
Malignant neoplasms of digestive organs (C15–C26)	rate	1.4	1.8	2.5	2.9	15.1	1.0
Malignant neoplasm of bronchus and lung (C34)	rate	1.1	1.5	2.0	2.2	12.5	0.8
Malignant neoplasm of cervix uteri (C53)	rate	0.2	0.3	0.3	0.4	np	0.1
Breast cancer (C50)	rate	0.7	0.9	1.2	1.5	5.0	0.5
Lip, oral cavity and pharynx (C00–C14)	rate	0.4	0.5	0.6	0.7	4.7	0.2
Diseases of the digestive system (K00–K93)	rate	0.9	1.2	1.7	1.9	9.1	0.6
Kidney Diseases (N00–N29)	rate	0.6	0.7	1.2	1.2	5.2	0.4
Certain conditions originating in the perinatal period (P00–P96)	rate	0.4	0.5	0.5	0.7	2.5	0.2
Certain infectious and parasitic diseases (A00–B99)	rate	0.7	0.8	1.1	1.3	6.3	0.4
Diseases of the nervous system (G00–G99)	rate	1.1	1.5	2.2	2.5	9.9	0.8
Other causes (n)	rate	1.6	2.0	2.7	3.4	15.7	1.1
All Causes	**rate**	**4.9**	**6.5**	**9.0**	**10.1**	**48.6**	**3.4**
Rate ratio (o)							

Table NIRA.2.18 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld* (l)	*WA*	*SA*	*NT*	*Total* (m)
Diseases of the circulatory system (I00–I99)	no.	1.1	1.5	2.2	1.7	2.7	1.5
External causes of morbidity and mortality (V01–Y98)	no.	1.7	1.6	2.4	2.1	2.2	2.0
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	1.9	4.3	6.8	3.3	6.8	3.8
Diabetes mellitus (E10–E14)	no.	2.2	5.6	9.4	3.9	8.3	4.8
Diseases of the respiratory system (J00–J99)	no.	1.8	1.9	2.1	1.8	3.0	2.0
Neoplasms (C00–D48)	no.	1.1	1.5	1.4	1.3	1.8	1.4
Malignant neoplasms of digestive organs (C15–C26)	no.	1.1	1.6	1.5	1.4	1.7	1.4
Malignant neoplasm of bronchus and lung (C34)	no.	1.7	2.1	1.6	2.3	1.5	1.9
Malignant neoplasm of cervix uteri (C53)	no.	np	4.3	np	np	np	4.3
Breast cancer (C50)	no.	0.9	1.0	1.5	np	2.9	1.1
Lip, oral cavity and pharynx (C00–C14)	no.	1.6	1.8	5.2	np	3.6	2.8
Diseases of the digestive system (K00–K93)	no.	1.6	2.1	3.0	2.1	3.2	2.1
Kidney Diseases (N00–N29)	no.	1.2	2.0	3.9	np	8.2	2.2
Certain conditions originating in the perinatal period (P00–P96)	no.	1.4	2.0	3.8	np	3.9	2.2
Certain infectious and parasitic diseases (A00–B99)	no.	1.5	2.6	2.8	np	2.8	2.1
Diseases of the nervous system (G00–G99)	no.	0.8	0.7	1.0	1.2	1.3	0.8
Other causes (n)	no.	0.8	1.6	2.3	1.5	3.1	1.4
All Causes	**no.**	**1.2**	**1.7**	**2.2**	**1.6**	**2.6**	**1.6**
Rate difference (p)							
Diseases of the circulatory system (I00–I99)	no.	8.4	73.5	161.4	102.7	220.4	72.0
External causes of morbidity and mortality (V01–Y98)	no.	24.5	24.9	65.2	43.5	67.2	38.2
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	21.5	73.9	123.0	57.6	156.7	65.4
Diabetes mellitus (E10–E14)	no.	20.1	69.3	116.4	52.2	143.6	60.9
Diseases of the respiratory system (J00–J99)	no.	43.4	46.5	57.5	45.6	104.9	52.4

Table NIRA.2.18 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld* (l)	*WA*	*SA*	*NT*	*Total* (m)
Neoplasms (C00–D48)	no.	18.0	80.4	67.2	51.2	138.2	58.4
Malignant neoplasms of digestive organs (C15–C26)	no.	3.6	28.5	19.1	18.9	38.3	18.1
Malignant neoplasm of bronchus and lung (C34)	no.	21.0	34.3	17.0	37.6	21.3	26.6
Malignant neoplasm of cervix uteri (C53)	no.	np	3.3	np	np	np	2.9
Breast cancer (C50)	no.	-0.9	0.4	4.9	np	14.5	1.4
Lip, oral cavity and pharynx (C00–C14)	no.	2.0	2.6	12.0	np	17.6	5.7
Diseases of the digestive system (K00–K93)	no.	11.7	22.8	36.9	22.6	43.2	22.1
Kidney Diseases (N00–N29)	no.	1.8	6.8	28.9	np	38.7	10.2
Certain conditions originating in the perinatal period (P00–P96)	no.	0.9	2.5	3.6	np	8.4	2.6
Certain infectious and parasitic diseases (A00–B99)	no.	5.5	12.4	14.8	np	17.1	10.2
Diseases of the nervous system (G00–G99)	no.	-6.1	-8.0	-0.7	7.8	7.0	-5.1
Other causes (n)	no.	-10.4	33.3	59.2	33.2	107.7	23.7
All Causes	**no.**	**119.3**	**368.7**	**617.0**	**380.9**	**909.4**	**350.2**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in Causes of Death, Australia, 2017 (cat. no. 3303.0).

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

Table NIRA.2.18 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by selected causes of death, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld* (l)	*WA*	*SA*	*NT*	*Total* (m)

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Data are presented in five-year groupings due to the volatility of small numbers each year.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(j) From 2016 reference year, deaths with not stated age have not been prorated.

(k) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the Causes of Death, Australia, 2018 (cat. no. 3303.0) publication

(l) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(m) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(n) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(o) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(p) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2018*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.19 **Age standardised mortality rates, by selected cause of death, by sex, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

		NSW		*Qld* (m)		*WA*		*SA*		*NT*		*Total* (n)	
	Unit	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*
Aboriginal and Torres Strait Islander (per 100 000 persons)													
Diseases of the circulatory system (I00–I99)	rate	185.0	157.0	272.9	198.3	359.6	252.4	265.0	251.4	409.4	296.8	259.3	202.7
External causes of morbidity and mortality (V01–Y98)	rate	85.2	38.9	96.0	39.5	145.0	76.0	111.5	62.4	158.6	87.6	106.9	51.3
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	48.6	42.1	107.4	87.8	157.3	132.7	94.3	71.7	160.0	199.8	91.6	85.6
Diabetes mellitus (E10–E14)	rate	39.8	34.0	86.6	82.9	139.0	121.5	80.0	61.5	136.8	181.3	76.6	76.8
Diseases of the respiratory system (J00–J99)	rate	103.2	90.3	111.3	85.6	138.6	89.4	118.0	85.9	168.7	154.5	116.9	95.5
Neoplasms (C00–D48)	rate	216.5	154.7	320.3	202.0	261.5	197.1	226.2	215.1	350.7	300.6	265.0	193.1
Malignant neoplasms of digestive organs (C15–C26)	rate	64.7	37.3	101.1	56.8	72.2	51.1	53.5	75.6	117.7	77.5	80.1	51.4
Malignant neoplasm of bronchus and lung (C34)	rate	59.8	41.4	81.0	53.7	71.0	28.4	66.0	66.5	86.2	46.8	69.9	45.5
Malignant neoplasm of cervix uteri (C53)	rate	..	np	..	7.9	..	np	..	np	..	np	..	6.8
Breast cancer (C50)	rate	np	18.2	np	18.4	np	25.2	–	np	–	36.8	np	21.2
Lip, oral cavity and pharynx (C00–C14)	rate	6.8	np	9.8	np	18.4	np	np	np	41.1	np	13.3	5.0
Diseases of the digestive system (K00–K93)	rate	34.5	29.5	52.6	35.3	61.2	50.2	53.8	34.4	65.6	60.4	47.1	37.7
Kidney diseases (N00–N29)	rate	9.3	11.3	13.0	14.3	38.4	40.2	np	np	45.9	43.5	17.5	19.4
Certain conditions originating in perinatal period (P00–P96)	rate	3.9	2.5	5.0	5.0	6.1	np	np	np	11.9	10.7	5.3	4.2

Table NIRA.2.19 **Age standardised mortality rates, by selected cause of death, by sex, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

		NSW		*Qld* (m)		*WA*		*SA*		*NT*		*Total* (n)	
	Unit	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*
Certain infectious and parasitic diseases (A00–B99)	rate	22.3	11.7	19.5	19.9	36.0	15.0	np	np	20.4	30.8	22.9	17.2
Diseases of the nervous system (G00–G99)	rate	22.7	23.7	21.5	20.4	39.1	27.2	43.5	np	30.7	np	26.6	24.6
Other causes (o)	rate	47.8	48.5	82.1	89.2	115.4	98.5	97.9	101.1	143.1	166.9	77.0	82.0
All Causes	**rate**	**778.9**	**610.1**	**1 101.6**	**797.3**	**1 358.3**	**982.1**	**1 047.9**	**902.6**	**1 565.0**	**1 376.2**	**1 036.1**	**813.4**
Non-Indigenous (per 100 000 persons)													
Diseases of the circulatory system (I00–I99)	rate	176.2	149.6	169.6	147.6	155.9	122.9	172.2	143.9	152.8	98.1	171.1	144.7
External causes of morbidity and mortality (V01–Y98)	rate	49.2	24.3	58.8	26.2	61.1	29.8	54.0	28.2	74.9	31.6	54.4	26.1
Endocrine, nutritional and metabolic diseases (E00–E89)	rate	27.7	19.9	25.5	19.2	24.0	18.7	27.8	21.9	32.2	21.3	26.6	19.8
Diabetes mellitus (E10–E14)	rate	20.2	13.4	18.1	12.6	16.3	11.5	20.8	15.5	23.7	15.1	19.2	13.2
Diseases of the respiratory system (J00–J99)	rate	59.0	46.9	56.9	42.6	61.0	47.6	64.0	46.5	64.2	40.3	59.3	45.8
Neoplasms (C00–D48)	rate	201.2	134.7	209.7	136.3	192.3	128.3	207.4	138.4	216.9	145.5	203.0	134.7
Malignant neoplasms of digestive organs (C15–C26)	rate	57.3	36.8	57.7	36.4	52.5	33.4	59.8	36.6	67.3	41.9	57.1	36.2
Malignant neoplasm of bronchus and lung (C34)	rate	37.3	22.0	40.3	23.0	36.6	21.9	36.5	22.2	44.1	36.4	38.0	22.4
Malignant neoplasm of cervix uteri (C53)	rate	..	1.5	..	1.9	..	1.5	..	1.9	..	np	..	1.7
Breast cancer (C50)	rate	0.2	20.0	0.2	19.6	np	18.8	np	21.4	–	17.0	0.2	19.9
Lip, oral cavity and pharynx (C00–C14)	rate	4.7	1.7	4.8	1.7	4.3	1.6	4.2	1.6	10.8	np	4.7	1.7

Table NIRA.2.19 **Age standardised mortality rates, by selected cause of death, by sex, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

		NSW		*Qld* (m)		*WA*		*SA*		*NT*		*Total* (n)	
	Unit	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*
Diseases of the digestive system (K00–K93)	rate	22.6	18.2	22.7	18.3	20.1	17.6	23.6	18.5	20.5	17.9	22.3	18.2
Kidney diseases (N00–N29)	rate	9.4	8.1	7.7	6.3	11.4	9.0	8.9	7.6	np	np	9.1	7.6
Certain conditions originating in perinatal period (P00–P96)	rate	2.6	2.1	2.8	2.2	1.5	1.1	2.2	1.4	np	np	2.4	1.9
Certain infectious and parasitic diseases (A00–B99)	rate	12.7	9.5	8.6	7.1	8.9	7.5	10.6	8.1	12.4	np	10.8	8.4
Diseases of the nervous system (G00–G99)	rate	30.6	28.3	30.8	27.6	33.6	32.9	38.9	37.2	23.9	17.3	32.0	29.7
Other causes (o)	rate	52.4	63.3	47.5	59.2	42.1	49.7	58.2	72.5	51.5	50.9	50.3	61.5
All Causes	**rate**	**643.5**	**504.9**	**640.4**	**492.5**	**611.7**	**464.9**	**667.8**	**524.3**	**657.6**	**437.4**	**641.4**	**498.5**
Rate ratio (p)													
Diseases of the circulatory system (I00–I99)	no.	1.1	1.0	1.6	1.3	2.3	2.1	1.5	1.7	2.7	3.0	1.5	1.4
External causes of morbidity and mortality (V01–Y98)	no.	1.7	1.6	1.6	1.5	2.4	2.6	2.1	2.2	2.1	2.8	2.0	2.0
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	1.8	2.1	4.2	4.6	6.6	7.1	3.4	3.3	5.0	9.4	3.4	4.3
Diabetes mellitus (E10–E14)	no.	2.0	2.5	4.8	6.6	8.6	10.5	3.8	4.0	5.8	12.0	4.0	5.8
Diseases of the respiratory system (J00–J99)	no.	1.8	1.9	2.0	2.0	2.3	1.9	1.8	1.8	2.6	3.8	2.0	2.1
Neoplasms (C00–D48)	no.	1.1	1.1	1.5	1.5	1.4	1.5	1.1	1.6	1.6	2.1	1.3	1.4
Malignant neoplasms of digestive organs (C15–C26)	no.	1.1	1.0	1.8	1.6	1.4	1.5	0.9	2.1	1.7	1.9	1.4	1.4
Malignant neoplasm of bronchus and lung (C34)	no.	1.6	1.9	2.0	2.3	1.9	1.3	1.8	3.0	2.0	1.3	1.8	2.0

Table NIRA.2.19 **Age standardised mortality rates, by selected cause of death, by sex, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

		NSW		*Qld* (m)		*WA*		*SA*		*NT*		*Total* (n)	
	Unit	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*
Malignant neoplasm of cervix uteri (C53)	no.	..	np	..	4.1	..	np	..	np	..	np	..	4.1
Breast cancer (C50)	no.	np	0.9	np	0.9	np	1.3	np	np	–	2.2	np	1.1
Lip, oral cavity and pharynx (C00–C14)	no.	1.4	np	2.0	np	4.3	np	np	np	3.8	np	2.8	3.0
Diseases of the digestive system (K00–K93)	no.	1.5	1.6	2.3	1.9	3.0	2.8	2.3	1.9	3.2	3.4	2.1	2.1
Kidney diseases (N00–N29)	no.	1.0	1.4	1.7	2.3	3.4	4.5	np	np	np	np	1.9	2.5
Certain conditions originating in perinatal period (P00–P96)	no.	1.5	1.2	1.8	2.3	4.1	np	np	np	np	np	2.2	2.2
Certain infectious and parasitic diseases (A00–B99)	no.	1.7	1.2	2.3	2.8	4.1	2.0	np	np	1.7	np	2.1	2.0
Diseases of the nervous system (G00–G99)	no.	0.7	0.8	0.7	0.7	1.2	0.8	1.1	np	1.3	np	0.8	0.8
Other causes (o)	no.	0.9	0.8	1.7	1.5	2.7	2.0	1.7	1.4	2.8	3.3	1.5	1.3
All Causes	**no.**	**1.2**	**1.2**	**1.7**	**1.6**	**2.2**	**2.1**	**1.6**	**1.7**	**2.4**	**3.1**	**1.6**	**1.6**
Rate difference (q)													
Diseases of the circulatory system (I00–I99)	no.	8.8	7.4	103.3	50.6	203.7	129.5	92.7	107.5	256.6	198.7	88.2	57.9
External causes of morbidity and mortality (V01–Y98)	no.	36.0	14.6	37.2	13.3	83.9	46.2	57.5	34.2	83.6	56.0	52.5	25.2
Endocrine, nutritional and metabolic diseases (E00–E89)	no.	20.9	22.2	81.9	68.7	133.3	114.1	66.6	49.9	127.8	178.5	65.0	65.9
Diabetes mellitus (E10–E14)	no.	19.7	20.7	68.5	70.4	122.7	110.0	59.2	46.0	113.2	166.2	57.4	63.7
Diseases of the respiratory system (J00–J99)	no.	44.2	43.4	54.4	43.0	77.6	41.8	54.0	39.4	104.4	114.3	57.6	49.7

Table NIRA.2.19 **Age standardised mortality rates, by selected cause of death, by sex, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

		NSW		*Qld* (m)		*WA*		*SA*		*NT*		*Total* (n)	
	Unit	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*
Neoplasms (C00–D48)	no.	15.3	20.0	110.6	65.7	69.2	68.8	18.8	76.7	133.8	155.1	62.0	58.4
Malignant neoplasms of digestive organs (C15–C26)	no.	7.4	0.6	43.4	20.4	19.7	17.7	- 6.3	39.0	50.5	35.6	23.1	15.2
Malignant neoplasm of bronchus and lung (C34)	no.	22.5	19.4	40.8	30.6	34.3	6.4	29.5	44.2	42.1	10.4	31.9	23.1
Malignant neoplasm of cervix uteri (C53)	no.	..	np	..	6.0	..	np	..	np	..	np	..	5.1
Breast cancer (C50)	no.	np	- 1.8	np	- 1.3	np	6.4	np	np	–	19.8	np	1.3
Lip, oral cavity and pharynx (C00–C14)	no.	2.1	np	5.0	np	14.1	np	np	np	30.3	np	8.6	3.3
Diseases of the digestive system (K00–K93)	no.	11.9	11.3	29.9	17.0	41.1	32.6	30.1	15.8	45.1	42.5	24.8	19.6
Kidney diseases (N00–N29)	no.	- 0.1	3.2	5.3	8.1	27.0	31.2	np	np	np	np	8.3	11.8
Certain conditions originating in perinatal period (P00–P96)	no.	1.3	0.4	2.2	2.8	4.6	np	np	np	np	np	2.9	2.3
Certain infectious and parasitic diseases (A00–B99)	no.	9.5	2.2	11.0	12.8	27.2	7.5	np	np	8.1	np	12.1	8.7
Diseases of the nervous system (G00–G99)	no.	- 8.0	- 4.6	- 9.3	- 7.2	5.5	- 5.7	4.7	np	6.9	np	- 5.4	- 5.1
Other causes (o)	no.	- 4.6	- 14.8	34.6	30.1	73.3	48.8	39.6	28.6	91.6	116.0	26.7	20.5
All Causes	**no.**	**135.4**	**105.3**	**461.2**	**304.8**	**746.6**	**517.2**	**380.1**	**378.3**	**907.5**	**938.8**	**394.6**	**314.9**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in Causes of Death, Australia, 2018 (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in Causes of Death, Australia, 2017 (cat. no. 3303.0).

Table NIRA.2.19 **Age standardised mortality rates, by selected cause of death, by sex, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	NSW		*Qld* (m)		*WA*		*SA*		*NT*		*Total* (n)	
Unit	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*

(b) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over. Rates calculated using the direct method are not comparable to rates calculated using the indirect method.

(c) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(g) Data are presented in five-year groupings due to the volatility of small numbers each year.

(h) Data based on reference year. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) Causes of death and associated disease codes are from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

(j) Deaths registered on Norfolk Island from 1 July 2016 were included for the first time in the 2016-17 NIRA collation report. This is due to the introduction of the Norfolk Island Legislation Amendment Act 2015. Norfolk Island deaths are included in statistics for "Other Territories" as well as totals for all of Australia. Deaths registered on Norfolk Island prior to 1 July 2016 were not in scope for death statistics. See Explanatory Note 13 in Causes of Deaths, Australia, 2017 (cat. no. 3303.0) for more information. Prior to 1 July 2016, deaths of people that occurred in Australia with a usual residence of Norfolk Island were included in Australian totals, but assigned a usual residence of 'overseas'. With the inclusion of Norfolk Island as a territory of Australia in the ASGS 2016, those deaths which occurred in Australia between January and June 2016 with a usual residence of Norfolk Island were allocated to the Norfolk Island SA2 code instead of the 'overseas' category. This does not affect data in this table which does not include Australian totals.

(k) From 2016 reference year, deaths with not stated age have not been prorated.

(l) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the Causes of Death, Australia, 2018 (cat. no. 3303.0) publication.

Table NIRA.2.19 **Age standardised mortality rates, by selected cause of death, by sex, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	NSW		*Qld* (m)		*WA*		*SA*		*NT*		*Total* (n)	
Unit	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*	*Males*	*Females*

(m) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(n) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(o) 'Other causes' consist of all conditions excluding the selected causes displayed in the table.

(p) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(q) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

– Nil or rounded to zero. **np** Not published. .. Not applicable

Source: ABS (unpublished) *Causes of Death, Australia, 2018*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.20 **Age standardised all-cause mortality rates, variability bands, rate ratios and rate differences, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, by sex, 2006 to 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*2018*	*2017*	*2016*	*2015*	*2014*	*2013*	*2012*	*2011*	*2010*	*2009*	*2008*	*2007*	*2006*
Males														
Aboriginal and Torres Strait Islander (per 100 000 people)	rate	1 046.4	1 009.2	1 027.8	1 050.5	1 000.4	1 031.4	1 048.4	1 083.7	1 056.9	1 010.7	1 113.2	1 142.0	1 202.6
Non-Indigenous (per 100 000 people)	rate	613.3	631.6	644.1	658.2	649.0	652.5	663.0	682.1	679.2	682.7	722.5	713.0	708.3
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people) (k)	rate	59.7	60.7	64.0	66.1	66.1	69.2	72.8	77.4	75.7	77.1	84.7	86.2	92.9
Variability bands: Non-Indigenous (per 100 000 people) (k)	rate	5.0	5.2	5.3	5.5	5.5	5.6	5.7	5.9	6.0	6.1	6.3	6.3	6.4
Rate ratio (l)	no.	1.7	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.7
Rate difference (m)	no.	433.2	377.6	383.7	392.4	351.4	378.9	385.4	401.5	377.7	328.0	390.6	429.1	494.4
Females														
Aboriginal and Torres Strait Islander (per 100 000 people)	rate	819.9	801.6	826.4	809.4	821.9	827.5	804.7	786.9	810.6	862.5	860.9	907.3	871.2
Non-Indigenous (per 100 000 people)	rate	471.7	488.8	497.3	517.0	510.7	497.6	510.3	517.3	513.0	509.8	538.6	525.0	519.1
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people) (k)	rate	48.4	49.0	50.8	51.2	53.0	54.5	55.2	55.7	58.7	61.9	63.6	66.7	68.2
Variability bands: Non-Indigenous (per 100 000 people) (k)	rate	4.1	4.2	4.3	4.4	4.4	4.4	4.5	4.6	4.6	4.7	4.8	4.8	4.9
Rate ratio (l)	no.	1.7	1.6	1.7	1.6	1.6	1.7	1.6	1.5	1.6	1.7	1.6	1.7	1.7
Rate difference (m)	no.	348.2	312.9	329.1	292.3	311.2	329.9	294.5	269.6	297.5	352.7	322.3	382.3	352.1

Table NIRA.2.20 **Age standardised all-cause mortality rates, variability bands, rate ratios and rate differences, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, by sex, 2006 to 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*2018*	*2017*	*2016*	*2015*	*2014*	*2013*	*2012*	*2011*	*2010*	*2009*	*2008*	*2007*	*2006*

(a) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over.

(b) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(c) Data are based on jurisdiction of usual residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(d) Deaths prior to 2007 are by year of registration and state/territory of usual residence. Deaths from 2007 onwards are by reference year and state/territory of usual residence. Registration year prior to 2007 is equivalent to reference year from 2007 onwards.

(e) Aboriginal and Torres Strait Islander and non-Indigenous population estimates are available for Census years only. In the intervening years, Aboriginal and Torres Strait Islander population figures are derived from assumptions about past and future levels of fertility, mortality and migration. In the absence of non-Indigenous population figures for these years, it is possible to derive denominators for calculating non-Indigenous rates by subtracting the Aboriginal and Torres Strait Islander population estimates/projections from the total population. In the present table, non-Indigenous population estimates have been derived by subtracting the 2016 Census-based Aboriginal and Torres Strait Islander population estimates/projections from the 2016 Census-based total persons Estimated Resident Population (ERP). Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases. ERP for total population used in calculating non-Indigenous ERP is final for 2016 and earlier years.

(f) Population estimates from *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031* (cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates.

(g) Some totals and figures may not compute due to the effects of using different denominators and of rounding.

(h) From 2014, cells with small values have been randomly adjusted to protect confidentiality. Some totals will not equal the sum of their components. Cells with a zero value have not been affected by confidentialisation. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) From 2016, deaths with not stated age have not been prorated and have been excluded from analysis.

(j) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(k) Variability bands can be used for comparisons within jurisdictions (for cause of death or over time), but not between jurisdictions or between jurisdictions and totals. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

Table NIRA.2.20 **Age standardised all-cause mortality rates, variability bands, rate ratios and rate differences, by Indigenous status, NSW, Queensland, WA, SA, NT, single year, by sex, 2006 to 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*2018*	*2017*	*2016*	*2015*	*2014*	*2013*	*2012*	*2011*	*2010*	*2009*	*2008*	*2007*	*2006*

(l) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(m) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

Source: ABS (unpublished) *Deaths Australia, 2018*; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031*, Series B, cat. no. 3238.0.

Table NIRA.2.21 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by Indigenous status, by single year, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)
Age standardised mortality rates: Aboriginal and Torres Strait Islander (per 100 000 people) — Total (all causes)							
2018	rate	729.0	952.6	1 086.5	1 043.2	1 357.0	927.1
2017	rate	670.5	959.0	1 080.7	1 063.2	1 318.0	899.6
2016	rate	681.8	999.4	1 233.2	888.6	1 297.1	920.3
2015	rate	676.5	933.9	1 133.3	911.4	1 617.8	920.7
2014	rate	687.2	805.3	1 177.9	942.3	1 699.9	906.3
2013	rate	714.7	942.3	1 088.6	862.4	1 526.2	922.7
2012	rate	633.3	938.1	1 294.0	875.4	1 538.8	915.0
2011	rate	764.3	871.1	1 207.8	766.9	1 363.0	917.0
2010	rate	675.9	946.8	1 209.2	1 028.1	1 449.3	926.5
2009	rate	674.1	1 008.2	1 217.2	902.0	1 435.4	933.2
2008	rate	684.3	948.9	1 399.8	925.7	1 647.2	974.3
2007	rate	725.3	1 022.3	1 448.7	1 025.7	1 565.4	1 014.7
2006	rate	679.9	1 037.3	1 566.9	943.4	1 635.2	1 020.5
Age standardised mortality rate: Non-Indigenous (per 100 000 people) — Total (all causes)							
2018	rate	542.7	537.5	508.3	564.6	522.2	539.3
2017	rate	548.7	571.1	520.9	597.7	518.8	557.0
2016	rate	576.1	553.5	548.6	582.8	554.5	567.2
2015	rate	590.9	579.1	549.3	607.4	599.4	584.5
2014	rate	587.9	566.6	535.1	599.3	579.7	576.7
2013	rate	576.9	566.6	537.5	588.4	646.2	570.8
2012	rate	576.1	593.0	552.4	617.3	550.2	582.3
2011	rate	604.7	597.0	542.0	604.1	600.2	594.6
2010	rate	587.2	595.1	561.6	627.1	622.7	591.0
2009	rate	588.3	593.5	571.1	612.5	634.2	590.7
2008	rate	621.8	641.1	594.0	627.1	748.2	624.6

Table NIRA.2.21 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by Indigenous status, by single year, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)
2007	rate	611.2	618.2	589.4	624.7	700.2	612.4
2006	rate	614.0	606.2	572.8	613.4	642.5	606.9
Variability bands: Aboriginal and Torres Strait Islander (per 100 000 people) (l)							
2018	rate	52.4	72.5	110.5	159.4	145.7	37.8
2017	rate	51.4	76.0	116.5	164.4	143.0	38.3
2016	rate	52.7	79.7	128.6	156.1	152.4	39.9
2015	rate	53.6	78.4	125.9	163.3	171.5	40.7
2014	rate	56.1	75.0	130.8	168.4	177.7	41.5
2013	rate	60.0	83.8	126.9	156.2	166.3	43.0
2012	rate	57.8	88.2	148.6	171.6	161.6	44.2
2011	rate	65.6	87.4	144.2	159.6	158.8	45.6
2010	rate	62.8	92.9	145.0	209.7	165.1	46.7
2009	rate	64.8	101.6	149.2	178.8	167.7	48.4
2008	rate	68.3	101.9	162.3	194.5	182.9	51.1
2007	rate	70.6	107.0	171.9	224.7	175.6	52.9
2006	rate	70.3	111.9	193.4	217.5	188.5	55.5
Variability bands: Non-Indigenous (per 100 000 people) (l)							
2018	rate	4.7	6.1	8.4	9.7	44.7	3.2
2017	rate	4.8	6.4	8.7	10.1	45.0	3.3
2016	rate	5.0	6.4	9.1	10.1	48.5	3.4
2015	rate	5.1	6.7	9.2	10.4	52.4	3.5
2014	rate	5.1	6.7	9.2	10.4	52.8	3.5
2013	rate	5.1	6.8	9.3	10.4	58.2	3.5
2012	rate	5.2	7.1	9.6	10.7	55.5	3.6
2011	rate	5.3	7.2	9.7	10.7	59.5	3.7
2010	rate	5.3	7.3	10.0	11.0	61.8	3.7

Table NIRA.2.21 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by Indigenous status, by single year, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)
2009	rate	5.4	7.4	10.2	10.9	63.8	3.8
2008	rate	5.6	7.8	10.6	11.1	71.6	3.9
2007	rate	5.6	7.7	10.7	11.2	69.3	3.9
2006	rate	5.7	7.8	10.7	11.2	67.4	3.9
Rate ratio (m)							
2018	rate	1.3	1.8	2.1	1.8	2.6	1.7
2017	rate	1.2	1.7	2.1	1.8	2.5	1.6
2016	rate	1.2	1.8	2.2	1.5	2.3	1.6
2015	rate	1.1	1.6	2.1	1.5	2.7	1.6
2014	rate	1.2	1.4	2.2	1.6	2.9	1.6
2013	rate	1.2	1.7	2.0	1.5	2.4	1.6
2012	rate	1.1	1.6	2.3	1.4	2.8	1.6
2011	rate	1.3	1.5	2.2	1.3	2.3	1.5
2010	rate	1.2	1.6	2.2	1.6	2.3	1.6
2009	rate	1.1	1.7	2.1	1.5	2.3	1.6
2008	rate	1.1	1.5	2.4	1.5	2.2	1.6
2007	rate	1.2	1.7	2.5	1.6	2.2	1.7
2006	rate	1.1	1.7	2.7	1.5	2.5	1.7
Rate difference (n)							
2018	rate	186.3	415.1	578.2	478.6	834.8	387.9
2017	rate	121.8	387.9	559.8	465.5	799.2	342.6
2016	rate	105.7	445.9	684.6	305.7	742.5	353.1
2015	rate	85.7	354.8	584.0	304.0	1 018.4	336.2
2014	rate	99.3	238.7	642.8	343.0	1 120.2	329.6
2013	rate	137.8	375.7	551.2	274.1	880.1	351.9
2012	rate	57.2	345.2	741.6	258.1	988.6	332.7

Table NIRA.2.21 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by Indigenous status, by single year, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)
2011	rate	159.6	274.1	665.8	162.8	762.9	322.4
2010	rate	88.7	351.8	647.6	401.0	826.5	335.5
2009	rate	85.7	414.6	646.1	289.5	801.2	342.5
2008	rate	62.5	307.8	805.8	298.6	898.9	349.7
2007	rate	114.0	404.1	859.2	401.0	865.1	402.3
2006	rate	65.8	431.1	994.1	330.0	992.6	413.6

(a) Age standardised death rates enable the comparison of death rates between populations with different age structures by relating them to a standard population. The current ABS standard population is all persons in the Australian population at 30 June 2001 (see Data Cube: Standard Population for Use in Age-Standardisation Table, in Australian Demographic Statistics, Dec 2012 (Cat. no. 3101.0). Standardised death rates (SDRs) are expressed per 100 000 persons. SDRs in this table have been calculated using the direct method, age standardised by 5 year age group to 75 years and over.

(b) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(c) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(d) Deaths prior to 2007 are by year of registration and state/territory of usual residence. Deaths from 2007 onwards are by reference year and state/territory of usual residence. Registration year prior to 2007 is equivalent to reference year from 2007 onwards.

(e) Aboriginal and Torres Strait Islander and non-Indigenous population estimates are available for Census years only. In the intervening years, Aboriginal and Torres Strait Islander population figures are derived from assumptions about past and future levels of fertility, mortality and migration. In the absence of non-Indigenous population figures for these years, it is possible to derive denominators for calculating non-Indigenous rates by subtracting the Aboriginal and Torres Strait Islander population estimates/projections from the total population. In the present table, non-Indigenous population estimates have been derived by subtracting the 2016 Census-based Aboriginal and Torres Strait Islander population estimates/projections from the 2016 Census-based total persons Estimated Resident Population (ERP). Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases. ERP for total population used in calculating non-Indigenous ERP is final for 2016 and earlier years.

(f) Population estimates from *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031* (cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates.

(g) Some totals and figures may not compute due to the effects of using different denominators and of rounding.

Table NIRA.2.21 **Age standardised mortality rates, variability bands, rate ratios and rate differences, by Indigenous status, by single year, NSW, Queensland, WA, SA, NT (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld* (j)	*WA*	*SA*	*NT*	*Total* (k)

(h) From 2014, cells with small values have been randomly adjusted to protect confidentiality. Some totals will not equal the sum of their components. Cells with a zero value have not been affected by confidentialisation. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) From 2016, deaths with not stated age have not been prorated and have been excluded from analysis.

(j) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(k) Total includes data for NSW, Queensland, WA, SA and the NT only.

(l) Variability bands can be be used for comparisons within jurisdictions (for cause of death or over time), but not between jursidictions or between jurisdictions and totals. See data quality statement for details.

(m) Rate ratio is the age standardised Aboriginal and Torres Strait Islander rate divided by the non-Indigenous rate.

(n) Rate difference is the age standardised Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

Source : ABS (unpublished) *Deaths Australia, 2018* ; ABS (unpublished) Estimated Resident Population; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006–2031* , Series B, cat. no. 3238.0.

NIRA Indicator 3:

Rates of current daily smokers

Table NIRA.3.1 **Current daily smokers, Aboriginal and Torres Strait Islander persons aged 18 years and over, 2018-19 (crude rates) (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Daily smokers	**no.**	63 200	12 800	55 600	22 800	9 700	7 000	1 200	23 300	195 700
Persons aged 18 years and over	**no.**	163 400	35 600	132 900	59 500	25 700	18 100	4 900	47 100	486 300
Proportion	**%**	38.7	36.0	41.8	38.3	37.7	38.7	24.5	49.5	40.2
95 per cent confidence intervals	±	4.8	6.3	5.3	5.3	7.1	7.1	10.8	5.8	2.3
Relative standard error	%	6.3	8.9	6.5	7.1	9.6	9.4	22.5	6.0	2.9

(a) This refers to smoking of tobacco, including manufactured (packet) cigarettes, roll-your-own cigarettes, cigars and pipes, but excludes chewing tobacco and smoking of non-tobacco products. Current daily smokers refers to people who smoked one or more cigarettes (or pipes or cigars) per day at the time of interview.

(b) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(d) Data for Aboriginal and Torres Strait Islander persons aged 15 years and over are available in the following publication: *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , ABS Cat. no. 4715.0.

Source : ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.3.2 **Current daily smokers, Aboriginal and Torres Strait Islander persons aged 18 years and over, by remoteness, 2018-19 (crude rates) (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Daily smokers										
Major cities	no.	24 200	5 200	12 800	6 800	4 700	..	1 200	..	55 800
Inner regional	no.	20 300	5 000	12 100	2 000	1 000	4 000	na	..	44 800
Outer regional	no.	14 300	2 400	17 100	2 800	2 400	2 500	..	3 600	45 600
Remote	no.	2 300	na	4 500	4 300	400	500	..	5 000	17 100
Very remote	no.	1 100	..	8 100	7 300	1 200	na	..	14 300	31 900
Persons aged 18 years and over										
Major cities	no.	78 400	18 900	43 500	23 700	14 600	..	4 900	..	185 400
Inner regional	no.	52 100	11 700	30 400	4 300	2 300	10 300	na	..	111 500
Outer regional	no.	26 100	4 900	35 000	7 800	5 100	7 200	..	10 000	96 000
Remote	no.	3 900	na	8 600	8 500	900	600	..	10 300	33 000
Very remote	no.	1 600	..	15 100	15 100	2 800	na	..	26 500	61 000
Proportion										
Major cities	%	30.9	27.5	29.4	28.7	32.2	..	24.5	..	30.1
Inner regional	%	39.0	42.7	39.8	46.5	43.5	38.8	na	..	40.2
Outer regional	%	54.8	49.0	48.9	35.9	47.1	34.7	..	36.0	47.5
Remote	%	59.0	na	52.3	50.6	44.4	83.3	..	48.5	51.8
Very remote	%	68.8	..	53.6	48.3	42.9	na	..	54.0	52.3
95 per cent confidence intervals										
Major cities	±	6.5	8.2	10.0	8.7	9.0	..	10.8	..	4.0
Inner regional	±	9.6	10.5	12.2	16.6	27.0	8.1	na	..	5.8
Outer regional	±	14.3	10.0	8.4	13.3	23.9	12.0	..	10.2	4.8
Remote	±	17.1	na	10.5	15.2	14.7	21.2	..	7.7	4.7
Very remote	±	17.0	..	9.9	10.1	11.4	na	..	9.4	5.3
Relative standard error										
Major cities	%	10.7	15.2	17.4	15.5	14.3	..	22.5	..	6.8

Table NIRA.3.2 **Current daily smokers, Aboriginal and Torres Strait Islander persons aged 18 years and over, by remoteness, 2018-19 (crude rates) (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Inner regional	%	12.6	12.5	15.6	18.2	31.7	10.7	na	..	7.4
Outer regional	%	13.3	10.4	8.8	18.9	25.9	17.6	..	14.5	5.2
Remote	%	14.8	na	10.2	15.3	16.9	13.0	..	8.1	4.6
Very remote	%	12.6	..	9.4	10.7	13.6	na	..	8.9	5.2

(a) This refers to smoking of tobacco, including manufactured (packet) cigarettes, roll-your-own cigarettes, cigars and pipes, but excludes chewing tobacco and smoking of non-tobacco products. Current daily smokers refers to people who smoked one or more cigarettes (or pipes or cigars) per day at the time of interview.

(b) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(d) The 2018-19 NATSIHS sample frame excluded households from Remote areas in Victoria, Very remote areas in Tasmania, and Inner regional areas in the ACT.

na Not available. .. Not applicable.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.3.3 **Current daily smokers, by Indigenous status, persons aged 18 years and over, age standardised rates, 2017–19 (a), (b), (c), (d), (e), (f)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander people, 2018-19										
Proportion	%	39.4	35.5	41.2	37.4	40.4	38.8	23.0	47.4	40.1
95 per cent confidence intervals	±	4.8	6.3	5.3	5.3	7.1	7.1	10.8	5.8	2.3
Relative standard error	%	6.2	9.1	6.6	7.2	9.0	9.3	24.0	6.2	2.9
Non-Indigenous people, 2017-18										
Proportion	%	13.7	13.6	14.6	11.7	13.0	16.4	10.4	17.1	13.6
95 per cent confidence intervals	±	1.0	0.8	1.1	0.9	1.0	1.2	1.5	2.0	0.5
Relative standard error	%	3.7	3.0	3.8	3.9	3.9	3.7	7.4	6.0	1.9
Rate ratio (g)		2.9	2.6	2.8	3.2	3.1	2.4	2.2	2.8	2.9
Rate difference (h)		25.7	21.9	26.6	25.7	27.4	22.4	12.6	30.3	26.5

(a) Rates are age standardised to the 2001 population.

(b) This refers to smoking of tobacco, including manufactured (packet) cigarettes, roll-your-own cigarettes, cigars and pipes, but excludes chewing tobacco and smoking of non-tobacco products. Current daily smokers refers to people who smoked one or more cigarettes (or pipes or cigars) per day at the time of interview.

(c) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(d) Data for Aboriginal and Torres Strait Islander people are from the NATSIHS.

(e) Data for non-Indigenous people are from the National Health Survey (NHS) and Survey of Income and Housing (SIH) pooled data set (NHIH), sourced through published comparator data in the NATSIHS.

(f) For the 2017-18 NHIH and 2018-19 NATSIHS, the 95 per cent confidence intervals and RSEs for the aged standardised rates are those for the associated crude rates.

(g) Rate ratio is the age standardised Aboriginal and Torres Strait Islander proportion *divided by* the age standardised non-Indigenous proportion.

(h) Rate difference is the age standardised Aboriginal and Torres Strait Islander proportion *less* the age standardised non-Indigenous proportion.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.3.4 **Current daily smokers, by Indigenous status, by remoteness, persons aged 18 years and over, age standardised rates, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander people, 2018-19										
Proportion										
Major cities	%	31.8	25.9	32.0	29.7	35.0	..	23.0	..	31.3
Inner regional	%	39.1	43.1	39.1	43.7	49.0	40.4	na	..	39.7
Outer regional	%	56.8	50.6	46.6	38.3	54.5	34.9	..	35.1	47.4
Remote	%	57.3	na	50.8	48.8	49.6	79.9	..	47.4	50.2
Total outer regional and remote	%	56.8	50.6	47.8	43.1	51.1	38.2	..	42.2	48.3
Very remote	%	54.7	..	50.3	45.7	42.8	na	..	52.0	49.7
95 per cent confidence intervals										
Major cities	±	6.5	8.2	10.0	8.7	9.0	..	10.8	..	4.0
Inner regional	±	9.6	10.5	12.2	16.6	27.0	8.1	na	..	5.8
Outer regional	±	14.3	10.0	8.4	13.3	23.9	12.0	..	10.2	4.8
Remote	±	17.1	na	10.5	15.2	14.7	21.2	..	7.7	4.7
Total outer regional and remote	±	12.6	10.0	7.2	10.2	20.6	10.9	..	6.1	3.7
Very remote	±	17.0	..	9.9	10.1	11.4	na	..	9.4	5.3
Relative standard error										
Major cities	%	10.4	16.2	15.9	14.9	13.1	..	24.0	..	6.5
Inner regional	%	12.5	12.4	15.9	19.4	28.1	10.2	na	..	7.5
Outer regional	%	12.8	10.1	9.2	17.7	22.4	17.5	..	14.8	5.2
Remote	%	15.2	na	10.5	15.9	15.1	13.5	..	8.3	4.8
Total outer regional and remote	%	11.3	10.1	7.7	12.1	20.6	14.6	..	7.4	3.9
Very remote	%	15.9	..	10.0	11.3	13.6	na	..	9.2	5.4
Non-Indigenous people, 2017-18										
Proportion										
Major cities	%	12.5	13.2	13.8	10.5	11.8	..	10.4	..	12.6
Inner regional	%	17.3	14.3	15.9	16.6	15.3	15.0	np	..	15.8

Table NIRA.3.4 **Current daily smokers, by Indigenous status, by remoteness, persons aged 18 years and over, age standardised rates, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Outer regional	%	np	np	np	np	np	np	..	np	18.1
Remote	%	np	np	np	np	np	np	..	np	15.7
Total outer regional and remote	%	20.7	16.6	17.0	16.8	17.8	19.3	..	17.1	17.8
Very remote	%	na	..	na	na	na	na	..	na	na
95 per cent confidence intervals										
Major cities	±	1.2	1.0	1.4	1.1	1.1	..	1.5	..	0.6
Inner regional	±	1.9	2.0	2.3	0.5	2.6	1.5	np	..	1.1
Outer regional	±	np	np	np	np	np	np	..	np	1.6
Remote	±	np	np	np	np	np	np	..	np	6.6
Total outer regional and remote	±	4.8	3.5	2.7	2.6	2.5	1.8	..	2.0	1.3
Very remote	±	na	..	na	na	na	na	..	na	na
Relative standard error										
Major cities	%	4.9	3.9	5.2	5.3	4.8	..	7.4	..	2.4
Inner regional	%	5.6	7.1	7.4	1.5	8.7	5.1	np	..	3.6
Outer regional	%	np	np	np	np	np	np	..	np	4.5
Remote	%	np	np	np	np	np	np	..	np	21.4
Total outer regional and remote	%	11.8	10.8	8.1	7.9	7.2	4.8	..	6.0	3.7
Very remote	%	na	..	na	na	na	na	..	na	na
Rate ratio (h)										
Major cities		2.5	2.0	2.3	2.8	3.0	..	2.2	..	2.5
Inner regional		2.3	3.0	2.5	2.6	3.2	2.7	np	..	2.5
Outer regional		np	np	np	np	np	np	..	np	2.6
Remote		np	np	np	np	np	np	..	np	3.2
Total outer regional and remote		2.7	3.0	2.8	2.6	2.9	2.0	..	2.5	2.7
Very remote		na	..	na	na	na	na	..	na	na
Rate difference (i)										

Table NIRA.3.4 **Current daily smokers, by Indigenous status, by remoteness, persons aged 18 years and over, age standardised rates, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Major cities		19.3	12.7	18.2	19.2	23.2	..	12.6	..	18.7
Inner regional		21.8	28.8	23.2	27.1	33.7	25.4	np	..	23.9
Outer regional		np	np	np	np	np	np	..	np	29.3
Remote		np	np	np	np	np	np	..	np	34.5
Total outer regional and remote		36.1	34.0	30.8	26.3	33.3	18.9	..	25.1	30.5
Very remote		na	..	na	na	na	na	..	na	na

(a) Rates are age standardised to the 2001 population.

(b) This refers to smoking of tobacco, including manufactured (packet) cigarettes, roll-your-own cigarettes, cigars and pipes, but excludes chewing tobacco and smoking of non-tobacco products. Current daily smokers refers to people who smoked one or more cigarettes (or pipes or cigars) per day at the time of interview.

(c) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(d) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(e) Data for Aboriginal and Torres Strait Islander people are from the NATSIHS. The 2018-19 NATSIHS sample frame excluded households from Remote areas in Victoria, Very remote areas in Tasmania, and Inner regional areas in the ACT.

(f) Data for non-Indigenous people are from the NHS and SIH pooled data set (NHIH), sourced through published comparator data in the NATSIHS. Non-Indigenous data for Outer regional and Remote areas by State and Territory has been combined as data quality is not sufficient to support separate reporting of these remoteness categories. The NHIH scope exclude households from Very remote areas.

(g) For the 2017-18 NHIH and 2018-19 NATSIHS, the 95 per cent confidence intervals and RSEs for the aged standardised rates are those for the associated crude rates.

(h) Rate ratio is the age standardised Indigenous proportion divided by the age standardised non-Indigenous proportion.

(i) Rate difference is the age standardised Indigenous proportion less the age standardised non-Indigenous proportion.

na Not available. .. Not applicable.

Source : ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

NIRA Indicator 4:

Levels of risky alcohol consumption

Table NIRA.4.1 **Alcohol risk levels, Aboriginal and Torres Strait Islander persons aged 18 years and over, 2018-19 (crude rates) (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Estimate										
Abstainers (d)	no.	38 100	7 100	33 700	15 000	7 100	2 800	500	20 700	124 800
Exceeded single occasion risk guidelines (e)										
In last 12 months,										
less often than once a week (f)	no.	56 800	11 400	44 300	22 500	9 500	6 800	2 100	10 800	164 100
at least once a week (g)	no.	31 700	7 600	27 500	13 100	3 300	2 500	800	8 900	95 100
on at least one occasion (h)	no.	87 900	18 900	71 600	35 800	13 100	9 500	2 800	19 500	259 200
Exceeded lifetime risk guidelines (i)										
in the last week	no.	32 400	6 600	32 700	11 200	4 100	2 800	1 100	6 000	97 100
Persons aged 18 years and over	no.	163 400	35 600	132 900	59 500	25 700	18 100	4 900	47 100	486 300
Proportion										
Abstainers (d)	%	23.3	19.9	25.4	25.2	27.6	15.5	10.2	43.9	25.7
Exceeded single occasion risk guidelines (e)										
In last 12 months,										
less often than once a week (f)	%	34.8	32.0	33.3	37.8	37.0	37.6	42.9	22.9	33.7
at least once a week (g)	%	19.4	21.3	20.7	22.0	12.8	13.8	16.3	18.9	19.6
on at least one occasion (h)	%	53.8	53.1	53.9	60.2	51.0	52.5	57.1	41.4	53.3
Exceeded lifetime risk guidelines (i)										
in the last week	%	19.8	18.5	24.6	18.8	16.0	15.5	22.4	12.7	20.0
95 per cent confidence intervals										
Abstainers (d)	±	3.9	4.9	5.7	4.0	6.3	3.7	5.1	5.6	2.3
Exceeded single occasion risk guidelines (e)										
In last 12 months,										
less often than once a week (f)	±	4.9	7.3	5.5	5.6	6.9	5.7	13.7	3.5	2.6
at least once a week (g)	±	4.4	5.8	4.3	4.4	5.7	4.9	7.0	5.1	2.2
on at least one occasion (h)	±	5.2	8.1	6.2	4.5	7.1	6.6	12.2	4.9	2.6

Table NIRA.4.1 **Alcohol risk levels, Aboriginal and Torres Strait Islander persons aged 18 years and over, 2018-19 (crude rates) (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Exceeded lifetime risk guidelines (i)										
in the last week	±	4.5	5.1	5.4	4.7	7.0	4.9	11.0	3.2	2.4
Relative standard error										
Abstainers (d)	%	8.5	12.6	11.4	8.1	11.6	12.2	25.5	6.5	4.6
Exceeded single occasion risk guidelines (e)										
In last 12 months,										
less often than once a week (f)	%	7.2	11.6	8.4	7.6	9.5	7.7	16.3	7.8	3.9
at least once a week (g)	%	11.6	13.9	10.6	10.2	22.7	18.1	21.9	13.8	5.7
on at least one occasion (h)	%	4.9	7.8	5.9	3.8	7.1	6.4	10.9	6.0	2.5
Exceeded lifetime risk guidelines (i)										
in the last week	%	11.6	14.1	11.2	12.8	22.3	16.1	25.1	12.9	6.1

(a) The 2009 NHMRC guidelines advise that on a single occasion of drinking, the risk of alcohol-related injury increases with the amount consumed. For healthy men and women, 'drinking no more than four standard drinks on a single occasion reduces the risk of alcohol-related injury arising from that occasion'. A single occasion of drinking refers to a person consuming a sequence of drinks without their blood alcohol concentration reaching zero in-between. The 2009 National Health and Medical Research Council (NHMRC) guidelines for reducing health risks associated with the consumption of alcohol state that, for healthy men and women, 'drinking no more than two standard drinks on any day reduces the lifetime risk of harm from alcohol-related disease or injury'.

(b) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(d) No alcohol consumed in previous 12 months (including never consumed alcohol).

(e) Based on responses to questions in 2018-19 NATSIHS about frequency of consumption of specified number of drinks in previous year. The number of drinks was based on the NHMRC guidelines for exceeding single occasion risk guidelines for alcohol consumption for males and females. Includes people who did not remember when they last consumed alcohol. Data excludes people who exceeded the guidelines in the last 12 months, but could not recall how often. Data are directly comparable with single occasion risk by frequency data from the 2012-13 NATSIHS and 2011-12 NHS, published in the 2012-13 NIRA performance report.

(f) Persons who exceeded single occasion risk guidelines less than once a week in the previous 12 months.

Table NIRA.4.1 **Alcohol risk levels, Aboriginal and Torres Strait Islander persons aged 18 years and over, 2018-19 (crude rates) (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(g) Persons who exceeded single occasion risk guidelines at least once a week in the previous 12 months.

(h) Persons who exceeded single occasion risk guidelines on at least one occasion in the previous 12 months.

(i) Lifetime risk has been operationalised for data collection purposes as: for both males and females, an average of more than 2 standard drinks per day in the last week, that is total alcohol consumption divided by the number of days to determine average per day. Note consumption based on week before the interview, does not take into account whether consumption in that week was more, less or the same as usual.

Source : ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA 4.2 **Alcohol risk levels, Aboriginal and Torres Strait Islander persons aged 18 years and over, by remoteness, 2018-19 (crude rates) (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Proportion										
Abstainers (e)										
Major cities	%	17.9	16.9	20.7	16.9	27.4	..	10.2	..	18.9
Inner regional	%	27.6	24.8	20.1	37.2	21.7	15.5	na	..	24.4
Outer regional	%	30.7	14.3	30.9	25.6	19.6	13.9	..	33.0	28.2
Remote	%	20.5	na	24.4	30.6	22.2	16.7	..	34.0	27.9
Total outer regional and remote	%	28.8	14.3	30.6	29.6	18.0	15.2	..	32.4	27.9
Very remote	%	31.2	..	33.8	30.5	50.0	na	..	54.0	42.5
Total regional and remote	%	28.0	22.3	27.2	30.5	27.0	15.5	..	43.9	29.6
Exceeded single occasion risk guidelines (f)										
Major cities	%	52.7	50.8	53.8	65.8	46.6	..	57.1	..	53.0
Inner regional	%	54.3	53.0	55.6	58.1	69.6	52.4	na	..	54.3
Outer regional	%	61.7	69.4	52.6	53.8	58.8	54.2	..	42.0	54.3
Remote	%	59.0	na	60.5	63.5	66.7	66.7	..	56.3	60.0
Total outer regional and remote	%	60.3	69.4	53.5	59.7	62.3	54.4	..	48.0	55.5
Very remote	%	56.2	..	58.9	57.6	39.3	na	..	37.4	48.5
Total regional and remote	%	55.1	56.6	56.2	57.9	58.6	53.0	..	42.3	53.7
Exceeded lifetime risk guidelines (g)										
Major cities	%	20.2	15.9	23.4	13.1	15.1	..	22.4	..	18.7
Inner regional	%	20.3	23.1	23.0	41.9	17.4	14.6	na	..	21.7
Outer regional	%	19.9	20.4	26.9	25.6	23.5	16.7	..	19.0	23.2
Remote	%	38.5	na	20.9	18.8	33.3	16.7	..	23.3	22.7
Total outer regional and remote	%	19.5	20.4	27.4	22.0	23.0	17.7	..	19.6	22.9
Very remote	%	31.2	..	19.9	20.5	3.6	na	..	7.2	14.4
Total regional and remote	%	20.0	21.7	25.9	23.4	16.2	15.5	..	12.7	20.8
95 per cent confidence intervals										

Table NIRA 4.2 **Alcohol risk levels, Aboriginal and Torres Strait Islander persons aged 18 years and over, by remoteness, 2018-19 (crude rates) (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Abstainers (e)										
Major cities	±	5.3	8.7	9.3	6.4	8.5	..	5.1	..	3.4
Inner regional	±	8.1	8.0	8.3	21.4	17.0	5.7	na	..	4.2
Outer regional	±	11.1	7.8	19.4	10.6	14.5	5.6	..	8.5	7.4
Remote	±	**	na	8.2	11.0	**	**	..	9.2	5.1
Total outer regional and remote	±	9.9	7.8	15.2	7.6	11.5	5.2	..	6.5	5.6
Very remote	±	20.5	..	8.7	9.0	17.3	na	..	9.2	5.1
Total regional and remote	±	6.1	6.1	7.4	5.4	8.0	3.7	..	5.6	3.0
Exceeded single occasion risk guidelines (f)										
Major cities	±	7.2	12.7	12.0	9.8	10.2	..	12.2	..	4.3
Inner regional	±	9.4	10.6	9.9	12.9	25.4	9.4	na	..	5.3
Outer regional	±	15.8	16.9	23.7	20.5	14.4	12.5	..	8.4	7.4
Remote	±	21.6	na	10.1	6.8	18.3	39.0	..	10.2	4.4
Total outer regional and remote	±	13.9	16.9	18.2	10.9	10.4	12.0	..	7.2	5.7
Very remote	±	33.8	..	10.3	8.7	17.6	na	..	8.2	4.8
Total regional and remote	±	7.3	8.4	8.2	6.4	10.1	6.3	..	4.9	3.3
Exceeded lifetime risk guidelines (g)										
Major cities	±	7.0	8.0	8.1	5.4	8.1	..	11.0	..	3.8
Inner regional	±	8.9	8.8	10.1	27.0	**	5.4	na	..	5.3
Outer regional	±	8.4	13.8	18.2	19.3	**	9.2	..	7.5	6.5
Remote	±	22.0	na	12.3	11.8	17.8	**	..	8.2	5.6
Total outer regional and remote	±	7.3	13.8	14.4	11.3	19.4	9.0	..	5.8	5.1
Very remote	±	22.6	..	8.0	8.7	**	na	..	3.9	3.4
Total regional and remote	±	5.8	6.9	7.1	6.9	12.6	4.9	..	3.2	2.9
Relative standard error										
Abstainers (e)										

Table NIRA 4.2 **Alcohol risk levels, Aboriginal and Torres Strait Islander persons aged 18 years and over, by remoteness, 2018-19 (crude rates) (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Major cities	%	15.1	26.3	22.9	19.3	15.8	..	25.5	..	9.2
Inner regional	%	15.0	16.5	21.1	29.4	40.0	18.8	na	..	8.8
Outer regional	%	18.4	27.8	32.0	21.1	37.7	20.6	..	13.1	13.4
Remote	%	**	na	17.1	18.3	**	**	..	13.8	9.3
Total outer regional and remote	%	17.5	27.8	25.3	13.1	32.6	17.5	..	10.2	10.2
Very remote	%	33.5	..	13.1	15.1	17.7	na	..	8.7	6.1
Total regional and remote	%	11.1	14.0	13.9	9.0	15.1	12.2	..	6.5	5.2
Exceeded single occasion risk guidelines (f)										
Major cities	%	7.0	12.8	11.4	7.6	11.2	..	10.9	..	4.1
Inner regional	%	8.8	10.2	9.1	11.3	18.6	9.2	na	..	5.0
Outer regional	%	13.1	12.4	23.0	19.4	12.5	11.8	..	10.2	7.0
Remote	%	18.7	na	8.5	5.5	14.0	29.8	..	9.2	3.7
Total outer regional and remote	%	11.8	12.4	17.4	9.3	8.5	11.3	..	7.7	5.2
Very remote	%	30.7	..	8.9	7.7	22.8	na	..	11.2	5.0
Total regional and remote	%	6.8	7.6	7.4	5.6	8.8	6.1	..	5.9	3.1
Exceeded lifetime risk guidelines (g)										
Major cities	%	17.7	25.7	17.7	21.0	27.4	..	25.1	..	10.4
Inner regional	%	22.4	19.4	22.4	32.9	**	18.9	na	..	12.5
Outer regional	%	21.5	34.5	34.5	38.5	**	28.1	..	20.1	14.3
Remote	%	29.2	na	30.0	32.0	27.3	**	..	18.0	12.6
Total outer regional and remote	%	19.1	34.5	26.8	26.2	43.0	25.9	..	15.1	11.4
Very remote	%	37.0	..	20.5	21.7	**	na	..	27.6	12.0
Total regional and remote	%	14.8	16.2	14.0	15.0	39.7	16.1	..	12.9	7.1

Table NIRA 4.2 **Alcohol risk levels, Aboriginal and Torres Strait Islander persons aged 18 years and over, by remoteness, 2018-19 (crude rates) (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(a) The 2009 NHMRC guidelines advise that on a single occasion of drinking, the risk of alcohol-related injury increases with the amount consumed. For healthy men and women, 'drinking no more than four standard drinks on a single occasion reduces the risk of alcohol-related injury arising from that occasion'. A single occasion of drinking refers to a person consuming a sequence of drinks without their blood alcohol concentration reaching zero in-between. The 2009 National Health and Medical Research Council (NHMRC) guidelines for reducing health risks associated with the consumption of alcohol state that, for healthy men and women, 'drinking no more than two standard drinks on any day reduces the lifetime risk of harm from alcohol-related disease or injury'.

(b) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above or whose interval includes 0 per cent or 100 per cent, should be used with caution. Estimates with a 95 per cent confidence interval that is not published (that is, cells with '**') have numerators with RSEs greater than 50 per cent and therefore these rates are considered too unreliable for general use.

(d) The 2018-19 NATSIHS sample frame excluded households from Remote areas in Victoria, Very remote areas in Tasmania, and Inner regional areas in the ACT.

(e) No alcohol consumed in previous 12 months (including never consumed alcohol).

(f) The number of drinks was based on the NHMRC guidelines for exceeding single occasion risk guidelines for alcohol consumption for males and females. Includes people who did not remember when they last consumed alcohol. Data includes people who exceeded the guidelines in the last 12 months, but could not recall how often. Data are not directly comparable with single occasion risk by remoteness data from the 2012-13 NATSIHS and 2011-12 NHS, published in the 2012-13 NIRA performance report, which excluded people who exceeded the guidelines, but could not recall how often.

(g) Lifetime risk has been operationalised for data collection purposes as: for both males and females, an average of more than 2 standard drinks per day in the last week, that is total alcohol consumption divided by the number of days to determine average per day. Note consumption based on week before the interview, does not take into account whether consumption in that week was more, less or the same as usual.

na Not available. .. Not applicable. ****** RSE/confidence interval not available for publication.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.4.3 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Proportion										
Aboriginal and Torres Strait Islander people, 2018-19										
Abstainers (h)	%	25.3	20.7	29.2	28.1	28.7	15.0	12.8	47.0	28.1
Exceeded single occasion risk guidelines (i)										
In last 12 months										
less often than once a week (j)	%	31.9	29.7	29.2	33.7	32.6	34.2	36.8	20.3	30.3
at least once a week (k)	%	20.2	21.4	20.6	21.7	13.4	14.4	15.5	18.4	19.8
on at least one occasion (l)	%	51.7	50.9	49.6	55.6	47.2	49.5	51.5	38.3	50.1
Exceeded lifetime risk guidelines (m)										
In the last week	%	20.2	18.6	23.2	18.4	16.0	16.3	23.4	12.3	19.7
Persons aged 18 years and over	no.	163 400	35 600	132 900	59 500	25 700	18 100	4 900	47 100	486 300
Non-Indigenous people, 2017-18										
Abstainers (h)	%	21.7	20.7	18.5	16.7	19.2	13.1	17.9	19.8	19.8
Exceeded single occasion risk guidelines (i)										
In last 12 months										
less often than once a week (j)	%	27.9	32.1	32.5	30.5	29.4	35.8	33.2	29.7	30.6
at least once a week (k)	%	12.2	10.0	14.9	14.4	12.9	13.3	9.7	18.1	12.5
on at least one occasion (l)	%	40.0	42.2	47.4	44.9	42.7	48.8	43.3	48.1	43.0
Exceeded lifetime risk guidelines (m)										
In the last week	%	15.6	14.3	17.1	18.5	16.1	16.9	15.4	22.6	16.0
Persons aged 18 years and over	no.	5 881 500	4 869 300	3 573 200	1 877 700	1 306 200	382 700	307 000	121 700	18 324 300
95 per cent confidence intervals										
Aboriginal and Torres Strait Islander people, 2018-19										
Abstainers (h)	±	3.9	4.9	5.7	4.0	6.3	3.7	5.1	5.6	2.3
Exceeded single occasion risk guidelines (i)										
In last 12 months										

Table NIRA.4.3 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
less often than once a week (j)	±	4.9	7.3	5.5	5.6	6.9	5.7	13.7	3.5	2.6
at least once a week (k)	±	4.4	5.8	4.3	4.4	5.7	4.9	7.0	5.1	2.2
on at least one occasion (l)	±	5.2	8.1	6.2	4.5	7.1	6.6	12.2	4.9	2.6
Exceeded lifetime risk guidelines (m)										
In the last week	±	4.5	5.1	5.4	4.7	7.0	4.9	11.0	3.2	2.4
Non-Indigenous people, 2017-18										
Abstainers (h)	±	1.7	1.9	1.7	2.3	2.3	2.1	2.5	2.7	0.8
Exceeded single occasion risk guidelines (i)										
In last 12 months										
less often than once a week (j)	±	1.7	2.3	2.0	2.8	2.3	2.5	3.2	3.4	1.0
at least once a week (k)	±	1.2	1.2	1.2	1.7	2.0	1.7	2.4	2.6	0.6
on at least one occasion (l)	±	1.9	2.3	2.2	2.5	2.6	2.9	3.7	3.8	1.0
Exceeded lifetime risk guidelines (m)										
In the last week	±	1.6	1.7	1.4	2.0	2.3	2.4	2.4	2.8	0.7
Relative standard error										
Aboriginal and Torres Strait Islander people, 2018-19										
Abstainers (h)	%	7.9	12.1	10.0	7.3	11.2	12.6	20.3	6.1	4.2
Exceeded single occasion risk guidelines (i)										
In last 12 months										
less often than once a week (j)	%	7.8	12.5	9.6	8.5	10.8	8.5	19.0	8.8	4.4
at least once a week (k)	%	11.1	13.8	10.6	10.3	21.7	17.4	23.0	14.1	5.7
on at least one occasion (l)	%	5.1	8.1	6.4	4.1	7.7	6.8	12.1	6.5	2.6
Exceeded lifetime risk guidelines (m)										
In the last week	%	11.4	14.0	11.9	13.0	22.3	15.3	24.0	13.3	6.2
Non-Indigenous people, 2017-18										
Abstainers (h)	%	4.0	4.7	4.7	7.0	6.1	8.2	7.1	7.0	2.1

Table NIRA.4.3 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Exceeded single occasion risk guidelines (i)										
In last 12 months										
less often than once a week (j)	%	3.1	3.7	3.1	4.7	4.0	3.6	4.9	5.8	1.7
at least once a week (k)	%	5.0	6.1	4.1	6.0	7.9	6.5	12.6	7.3	2.4
on at least one occasion (l)	%	2.4	2.8	2.4	2.8	3.1	3.0	4.4	4.0	1.2
Exceeded lifetime risk guidelines (m)										
In the last week	%	5.2	6.1	4.2	5.5	7.3	7.2	8.0	6.3	2.2
Rate ratio (n)										
Abstainers (h)	%	1.2	1.0	1.6	1.7	1.5	1.1	0.7	2.4	1.4
Exceeded single occasion risk guidelines (i)										
In last 12 months										
less often than once a week (j)	%	1.1	0.9	0.9	1.1	1.1	1.0	1.1	0.7	1.0
at least once a week (k)	%	1.7	2.1	1.4	1.5	1.0	1.1	1.6	1.0	1.6
on at least one occasion (l)	%	1.3	1.2	1.0	1.2	1.1	1.0	1.2	0.8	1.2
Exceeded lifetime risk guidelines (m)										
In the last week	%	1.3	1.3	1.4	1.0	1.0	1.0	1.5	0.5	1.2
Rate difference (o)										
Abstainers (h)	%	3.6	–	10.7	11.4	9.5	1.9	- 5.1	27.2	8.3
Exceeded single occasion risk guidelines (i)										
In last 12 months										
less often than once a week (j)	%	4.0	- 2.4	- 3.3	3.2	3.2	- 1.6	3.6	- 9.4	- 0.3
at least once a week (k)	%	8.0	11.4	5.7	7.3	0.5	1.1	5.8	0.3	7.3
on at least one occasion (l)	%	11.7	8.7	2.2	10.7	4.5	0.7	8.2	- 9.8	7.1
Exceeded lifetime risk guidelines (m)										
In the last week	%	4.6	4.3	6.1	- 0.1	- 0.1	- 0.6	8.0	- 10.3	3.7

(a) Rates are age standardised to the 2001 population.

Table NIRA.4.3 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(b) The 2009 NHMRC guidelines advise that on a single occasion of drinking, the risk of alcohol-related injury increases with the amount consumed. For healthy men and women, 'drinking no more than four standard drinks on a single occasion reduces the risk of alcohol-related injury arising from that occasion'. A single occasion of drinking refers to a person consuming a sequence of drinks without their blood alcohol concentration reaching zero in-between. The 2009 National Health and Medical Research Council (NHMRC) guidelines for reducing health risks associated with the consumption of alcohol state that, for healthy men and women, 'drinking no more than two standard drinks on any day reduces the lifetime risk of harm from alcohol-related disease or injury'.

(c) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(d) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(e) Data for Aboriginal and Torres Strait Islander people are from the NATSIHS.

(f) Data for non-Indigenous people are from the NHS, sourced through published comparator data in the NATSIHS.

(g) For the 2017-18 NHS and 2018-19 NATSIHS, the 95 per cent confidence intervals and RSEs for the aged standardised rates are those for the associated crude rates.

(h) No alcohol consumed in previous 12 months (including never consumed alcohol).

(i) Based on responses to questions in 2018-19 NATSIHS about frequency of consumption of specified number of drinks in previous year. The number of drinks was based on the NHMRC guidelines for exceeding single occasion risk guidelines for alcohol consumption for males and females. Includes people who did not remember when they last consumed alcohol. Data excludes people who exceeded the guidelines in the last 12 months, but could not recall how often. Data are directly comparable with single occasion risk by frequency data from the 2012-13 NATSIHS and 2011-12 NHS, published in the 2012-13 NIRA performance report.

(j) Persons who exceeded single occasion risk guidelines less than once a week in the previous 12 months.

(k) Persons who exceeded single occasion risk guidelines at least once a week in the previous 12 months.

(l) Persons who exceeded single occasion risk guidelines on at least one occasion in the previous 12 months.

(m) Lifetime risk has been operationalised for data collection purposes as: for both males and females, an average of more than 2 standard drinks per day in the last week, that is total alcohol consumption divided by the number of days to determine average per day. Note consumption based on week before the interview, does not take into account whether consumption in that week was more, less or the same as usual.

(n) Rate ratio is the age standardised Aboriginal and Torres Strait Islander proportion *divided by* the age standardised non-Indigenous proportion.

(o) Rate difference is the age standardised Aboriginal and Torres Strait Islander proportion *less* the age standardised non-Indigenous proportion.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19*, Cat. no. 4715.0, Canberra.

Table NIRA.4.4 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, by remoteness, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Proportion										
Aboriginal and Torres Strait Islander people, 2018-19										
Abstainers (h)										
Major cities	%	21.0	18.4	22.6	20.8	27.9	..	12.8	..	21.5
Inner regional	%	28.7	24.5	24.3	39.1	21.1	14.8	na	..	26.3
Outer regional	%	29.6	14.3	35.6	27.8	19.1	13.4	..	35.9	30.0
Remote	%	23.8	na	27.0	31.3	16.4	9.4	..	34.8	29.5
Total outer regional and remote	%	28.3	14.3	34.7	30.9	18.4	14.2	..	34.7	29.6
Very remote	%	34.0	..	39.7	32.7	49.0	na	..	58.5	46.2
Total regional and remote	%	28.6	22.4	31.5	32.2	28.4	15.0	na	47.0	31.7
Exceeded single occasion risk guidelines (i)										
Major cities	%	49.5	46.6	50.1	58.1	41.2	..	51.5	..	49.2
Inner regional	%	53.0	51.4	50.8	53.5	65.5	48.5	na	..	51.4
Outer regional	%	61.6	68.3	47.7	52.4	57.1	52.2	..	38.0	51.9
Remote	%	54.7	na	57.5	62.7	61.6	63.5	..	53.9	57.6
Total outer regional and remote	%	59.7	68.3	49.3	58.1	60.5	52.6	..	45.4	53.2
Very remote	%	58.5	..	53.3	54.4	40.7	na	..	33.5	45.0
Total regional and remote	%	54.2	55.6	51.6	55.2	55.1	50.0	na	38.9	51.0
Exceeded lifetime risk guidelines (j)										
Major cities	%	20.3	15.1	23.7	14.0	14.2	..	23.4	..	19.1
Inner regional	%	21.5	23.8	19.6	36.2	14.9	16.1	na	..	21.0
Outer regional	%	20.9	19.8	25.0	24.5	24.5	17.9	..	17.7	22.5
Remote	%	36.1	na	20.7	19.3	29.4	16.4	..	23.2	22.4
Total outer regional and remote	%	20.4	19.8	25.7	21.7	24.9	18.6	..	19.1	22.2
Very remote	%	28.5	..	17.8	19.9	5.3	na	..	7.0	13.8
Total regional and remote	%	20.5	21.9	23.5	22.6	16.9	16.3	na	12.3	20.1

Table NIRA.4.4 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, by remoteness, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Non-Indigenous people, 2017-18										
Abstainers (h)										
Major cities	%	22.7	21.3	18.0	17.4	20.5	..	17.9	..	20.7
Inner regional	%	17.7	15.6	18.9	14.3	16.1	11.8	np	..	16.6
Outer regional	%	np	np	np	np	np	np	..	np	18.5
Remote	%	np	np	np	np	np	np	..	np	17.5
Total outer regional and remote	%	16.6	18.2	21.3	14.2	17.9	15.4	..	19.8	18.4
Very remote	%	na	..	na	na	na	na	..	na	na
Total regional and remote	%	17.1	15.9	19.8	14.7	16.8	13.1	np	19.8	17.2
Exceeded single occasion risk guidelines (i)										
Major cities	%	37.7	39.7	48.5	43.2	41.0	..	43.3	..	41.0
Inner regional	%	51.0	52.1	42.8	45.6	43.9	48.3	np	..	48.6
Outer regional	%	np	np	np	np	np	np	..	np	50.1
Remote	%	np	np	np	np	np	np	..	np	57.8
Total outer regional and remote	%	50.3	52.5	49.9	56.9	50.9	50.5	..	48.1	51.1
Very remote	%	na	..	na	na	na	na	..	na	na
Total regional and remote	%	50.3	51.8	46.4	53.1	48.3	48.9	np	48.1	49.4
Exceeded lifetime risk guidelines (j)										
Major cities	%	13.9	12.8	17.1	16.4	15.7	..	15.4	..	14.5
Inner regional	%	22.5	19.4	14.3	14.7	13.7	16.1	np	..	18.7
Outer regional	%	np	np	np	np	np	np	..	np	24.3
Remote	%	np	np	np	np	np	np	..	np	26.8
Total outer regional and remote	%	20.5	31.9	21.7	33.0	21.6	20.2	..	22.6	24.4
Very remote	%	na	..	na	na	na	na	..	na	na
Total regional and remote	%	22.3	21.3	17.4	27.4	19.0	16.9	np	22.6	20.5

Table NIRA.4.4 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, by remoteness, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
95 per cent confidence intervals										
Aboriginal and Torres Strait Islander people, 2018-19										
Abstainers (h)										
Major cities	±	5.3	8.7	9.3	6.4	8.5	..	5.1	..	3.4
Inner regional	±	8.1	8.0	8.3	21.4	17.0	5.7	na	..	4.2
Outer regional	±	11.1	7.8	19.4	10.6	14.5	5.6	..	8.5	7.4
Remote	±	**	na	8.2	11.0	**	**	..	9.2	5.1
Total outer regional and remote	±	9.9	7.8	15.2	7.6	11.5	5.2	..	6.5	5.6
Very remote	±	20.5	..	8.7	9.0	17.3	na	..	9.2	5.1
Total regional and remote	±	6.1	6.1	7.4	5.4	8.0	3.7	na	5.6	3.0
Exceeded single occasion risk guidelines (i)										
Major cities	±	7.2	12.7	12.0	9.8	10.2	..	12.2	..	4.3
Inner regional	±	9.4	10.6	9.9	12.9	25.4	9.4	na	..	5.3
Outer regional	±	15.8	16.9	23.7	20.5	14.4	12.5	..	8.4	7.4
Remote	±	21.6	na	10.1	6.8	18.3	39.0	..	10.2	4.4
Total outer regional and remote	±	13.9	16.9	18.2	10.9	10.4	12.0	..	7.2	5.7
Very remote		33.8	..	10.3	8.7	17.6	na	..	8.2	4.8
Total regional and remote	±	7.3	8.4	8.2	6.4	10.1	6.3	na	4.9	3.3
Exceeded lifetime risk guidelines (j)										
Major cities	±	7.0	8.0	8.1	5.4	8.1	..	11.0	..	3.8
Inner regional	±	8.9	8.8	10.1	27.0	**	5.4	na	..	5.3
Outer regional	±	8.4	13.8	18.2	19.3	**	9.2	..	7.5	6.5
Remote	±	22.0	na	12.3	11.8	17.8	**	..	8.2	5.6
Total outer regional and remote	±	7.3	13.8	14.4	11.3	19.4	9.0	..	5.8	5.1
Very remote	±	22.6	..	8.0	8.7	**	na	..	3.9	3.4
Total regional and remote	±	5.8	6.9	7.1	6.9	12.6	4.9	na	3.2	2.9

Table NIRA.4.4 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, by remoteness, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Non-Indigenous people, 2017-18										
Abstainers (h)										
Major cities	±	2.0	2.1	2.0	2.3	2.5	..	2.5	..	1.0
Inner regional	±	3.2	3.7	3.6	7.2	3.7	2.3	np	..	1.8
Outer regional	±	np	np	np	np	np	np	..	np	2.4
Remote	±	np	np	np	np	np	np	..	np	5.8
Total outer regional and remote	±	6.9	10.3	5.5	6.7	6.8	3.6	..	2.7	2.2
Very remote	±	na	..	na	na	na	na	..	na	na
Total regional and remote	±	2.8	3.2	3.1	4.4	4.2	2.1	np	2.7	1.4
Exceeded single occasion risk guidelines (i)										
Major cities	±	2.0	2.3	2.9	2.8	2.9	..	3.7	..	1.1
Inner regional	±	5.1	6.0	3.8	12.3	8.7	5.0	np	..	2.6
Outer regional	±	np	np	np	np	np	np	..	np	3.3
Remote	±	np	np	np	np	np	np	..	np	9.5
Total outer regional and remote	±	8.8	10.7	3.6	8.0	10.9	4.8	..	3.8	2.5
Very remote	±	na	..	na	na	na	na	..	na	na
Total regional and remote	±	4.1	5.4	2.2	7.2	6.3	2.9	np	3.8	1.9
Exceeded lifetime risk guidelines (j)										
Major cities	±	1.7	1.6	2.0	2.1	2.9	..	2.4	..	0.8
Inner regional	±	3.8	3.4	2.7	7.7	7.1	2.5	np	..	1.6
Outer regional	±	np	np	np	np	np	np	..	np	2.9
Remote	±	np	np	np	np	np	np	..	np	6.9
Total outer regional and remote	±	7.2	9.9	3.4	6.5	6.7	4.7	..	2.8	2.4
Very remote	±	na	..	na	na	na	na	..	na	na
Total regional and remote	±	3.3	4.0	2.1	5.4	4.0	2.4	np	2.8	1.2

Table NIRA.4.4 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, by remoteness, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Relative standard error										
Aboriginal and Torres Strait Islander people, 2018-19										
Abstainers (h)										
Major cities	%	12.9	24.1	21.0	15.7	15.5	..	20.3	..	8.1
Inner regional	%	14.4	16.7	17.4	27.9	41.1	19.6	na	..	8.1
Outer regional	%	19.1	27.8	27.8	19.5	38.7	21.3	..	12.1	12.6
Remote	%	**	na	15.5	17.9	**	**	..	13.5	8.8
Total outer regional and remote	%	17.8	27.8	22.3	12.5	31.9	18.7	..	9.6	9.7
Very remote	%	30.8	..	11.2	14.0	18.0	na	..	8.0	5.6
Total regional and remote	%	10.9	13.9	12.0	8.6	14.4	12.6	na	6.1	4.8
Exceeded single occasion risk guidelines (i)										
Major cities	%	7.4	13.9	12.2	8.6	12.6	..	12.1	..	4.5
Inner regional	%	9.0	10.5	9.9	12.3	19.8	9.9	na	..	5.3
Outer regional	%	13.1	12.6	25.3	20.0	12.9	12.2	..	11.3	7.3
Remote	%	20.1	na	9.0	5.5	15.2	31.3	..	9.7	3.9
Total outer regional and remote	%	11.9	12.6	18.8	9.6	8.8	11.6	..	8.1	5.5
Very remote	%	29.5	..	9.9	8.2	22.1	na	..	12.5	5.4
Total regional and remote	%	6.9	7.7	8.1	5.9	9.4	6.4	na	6.4	3.3
Exceeded lifetime risk guidelines (j)										
Major cities	%	17.6	27.0	17.4	19.7	29.1	..	24.0	..	10.2
Inner regional	%	21.1	18.9	26.3	38.1	**	17.1	na	..	12.9
Outer regional	%	20.5	35.6	37.1	40.2	**	26.2	..	21.6	14.7
Remote	%	31.1	na	30.3	31.2	30.9	**	..	18.0	12.8
Total outer regional and remote	%	18.3	35.6	28.6	26.6	39.8	24.7	..	15.5	11.7
Very remote	%	40.5	..	22.9	22.3	**	na	..	28.4	12.6
Total regional and remote	%	14.4	16.1	15.4	15.6	38.0	15.3	na	13.3	7.4

Table NIRA.4.4 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, by remoteness, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Non-Indigenous people, 2017-18										
Abstainers (h)										
Major cities	%	4.5	5.0	5.7	6.7	6.2	..	7.1	..	2.5
Inner regional	%	9.2	12.1	9.7	25.7	11.7	9.9	np	..	5.5
Outer regional	%	np	np	np	np	np	np	..	np	6.6
Remote	%	np	np	np	np	np	np	..	np	16.9
Total outer regional and remote	%	21.2	28.9	13.2	24.1	19.4	11.9	..	7.0	6.1
Very remote	%	na	..	na	na	na	na	..	na	na
Total regional and remote	%	8.4	10.3	8.0	15.3	12.8	8.2	np	7.0	4.2
Exceeded single occasion risk guidelines (i)										
Major cities	%	2.7	3.0	3.1	3.3	3.6	..	4.4	..	1.4
Inner regional	%	5.1	5.9	4.5	13.8	10.1	5.3	np	..	2.7
Outer regional	%	np	np	np	np	np	np	..	np	3.4
Remote	%	np	np	np	np	np	np	..	np	8.4
Total outer regional and remote	%	8.9	10.4	3.7	7.2	10.9	4.8	..	4.0	2.5
Very remote	%	na	..	na	na	na	na	..	na	na
Total regional and remote	%	4.2	5.3	2.4	6.9	6.7	3.0	np	4.0	2.0
Exceeded lifetime risk guidelines (j)										
Major cities	%	6.2	6.4	6.0	6.5	9.4	..	8.0	..	2.8
Inner regional	%	8.6	8.9	9.6	26.7	26.4	7.9	np	..	4.4
Outer regional	%	np	np	np	np	np	np	..	np	6.1
Remote	%	np	np	np	np	np	np	..	np	13.1
Total outer regional and remote	%	17.9	15.8	8.0	10.0	15.8	11.9	..	6.3	5.0
Very remote	%	na	..	na	na	na	na	..	na	na
Total regional and remote	%	7.6	9.6	6.2	10.1	10.7	7.2	np	6.3	3.0

(a) Rates are age standardised to the 2001 population.

Table NIRA.4.4 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, by remoteness, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(b) The 2009 NHMRC guidelines advise that on a single occasion of drinking, the risk of alcohol-related injury increases with the amount consumed. For healthy men and women, 'drinking no more than four standard drinks on a single occasion reduces the risk of alcohol-related injury arising from that occasion'. A single occasion of drinking refers to a person consuming a sequence of drinks without their blood alcohol concentration reaching zero in-between. The 2009 National Health and Medical Research Council (NHMRC) guidelines for reducing health risks associated with the consumption of alcohol state that, for healthy men and women, 'drinking no more than two standard drinks on any day reduces the lifetime risk of harm from alcohol-related disease or injury'.

(c) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(d) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above or whose interval includes 0 per cent or 100 per cent, should be used with caution. Estimates with a 95 per cent confidence interval that is not published (that is, cells with '**') have numerators with RSEs greater than 50 per cent and therefore these rates are considered too unreliable for general use.

(e) Data for Aboriginal and Torres Strait Islander people are from the NATSIHS. The 2018-19 NATSIHS sample frame excluded households from Remote areas in Victoria, Very remote areas in Tasmania, and Inner regional areas in the ACT.

(f) Data for non-Indigenous people are from the NHS, sourced through published comparator data in the NATSIHS. Non-Indigenous data for Outer regional and Remote areas by State and Territory has been combined as data quality is not sufficient to support separate reporting of these remoteness categories. The NHS scope exclude households from Very remote areas.

(g) For the 2017-18 NHS and 2018-19 NATSIHS, the 95 per cent confidence intervals and RSEs for the aged standardised rates are those for the associated crude rates.

(h) No alcohol consumed in previous 12 months (including never consumed alcohol).

(i) The number of drinks was based on the NHMRC guidelines for exceeding single occasion risk guidelines for alcohol consumption for males and females. Includes people who did not remember when they last consumed alcohol. Data includes people who exceeded the guidelines in the last 12 months, but could not recall how often. Data are not directly comparable with single occasion risk by remoteness data from the 2012-13 NATSIHS and 2011-12 NHS, published in the 2012-13 NIRA performance report, which excluded people who exceeded the guidelines, but could not recall how often.

(j) Lifetime risk has been operationalised for data collection purposes as: for both males and females, an average of more than 2 standard drinks per day in the last week, that is total alcohol consumption divided by the number of days to determine average per day. Note consumption based on week before the interview, does not take into account whether consumption in that week was more, less or the same as usual.

na Not available. **np** Not published. .. Not applicable. ****** RSE/confidence interval not available for publication.

Source : ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.4.5 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, 2011–13 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Proportion										
Aboriginal and Torres Strait Islander people, 2012-13										
Abstainers (f)	%	20.8	19.9	25.2	26.8	27.8	18.1	13.0	50.5	26.1
Exceeded single occasion risk guidelines (g)										
In last 12 months										
less often than once a week (h)	%	35.9	37.8	33.3	31.0	31.9	35.5	44.6	21.9	33.0
at least once a week (i)	%	17.6	16.4	19.9	24.9	17.4	18.6	15.5	15.2	18.8
on at least one occasion (j)	%	53.5	54.1	53.3	55.9	49.3	54.1	60.1	37.1	51.8
Exceeded lifetime risk guidelines (k)										
In the last week	%	19.7	19.9	18.2	23.0	22.1	18.1	15.5	14.2	19.2
Persons aged 18 years and over	no.	113 740	26 376	100 672	47 729	20 774	13 554	3 580	39 443	365 868
Non-Indigenous people, 2011-12										
Abstainers (f)	%	18.0	16.3	15.5	13.9	16.2	12.5	11.4	15.4	16.3
Exceeded single occasion risk guidelines (g)										
In last 12 months										
less often than once a week (h)	%	31.8	31.6	32.7	32.8	33.1	34.9	34.9	34.1	32.3
at least once a week (i)	%	11.3	12.4	14.5	16.5	13.2	17.4	12.2	19.0	13.1
on at least one occasion (j)	%	43.1	44.0	47.2	49.2	46.2	52.3	47.2	53.1	45.3
Exceeded lifetime risk guidelines (k)										
In the last week	%	18.4	17.7	20.1	25.4	18.5	23.0	20.9	24.9	19.5
Persons aged 18 years and over	no.	5 469 903	4 295 049	3 285 380	1 719 243	1 242 414	370 213	275 644	113 539	16 771 386
95 per cent confidence intervals										
Aboriginal and Torres Strait Islander people, 2012-13										
Abstainers (f)	±	3.9	4.0	3.7	4.6	5.5	4.2	6.7	6.3	1.9
Exceeded single occasion risk guidelines (g)										
In last 12 months										

Table NIRA.4.5 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, 2011–13 (a), (b), (c), (d), (e)**

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
less often than once a week (h)	±	3.8	4.6	4.1	4.2	4.2	4.1	10.3	4.0	1.7
at least once a week (i)	±	3.4	3.7	3.7	4.6	4.4	3.6	6.7	4.4	1.6
on at least one occasion (j)	±	3.8	4.6	4.3	4.5	5.6	3.9	10.4	5.5	1.9
Exceeded lifetime risk guidelines (k)										
In the last week	±	3.3	4.1	3.7	3.8	5.1	4.2	6.2	4.0	1.6
Non-Indigenous people, 2011-12										
Abstainers (f)	±	1.5	1.8	1.4	1.8	1.6	2.0	1.6	3.0	0.7
Exceeded single occasion risk guidelines (g)										
In last 12 months										
less often than once a week (h)	±	2.3	2.1	2.3	2.5	2.1	2.8	4.1	4.0	1.0
at least once a week (i)	±	1.3	1.6	1.7	1.9	1.6	2.3	2.0	3.7	0.7
on at least one occasion (j)	±	2.3	2.2	2.2	2.5	2.0	2.5	4.3	4.6	1.0
Exceeded lifetime risk guidelines (k)										
In the last week	±	1.5	1.7	1.9	2.1	1.8	2.4	2.3	3.9	0.9
Relative standard error										
Aboriginal and Torres Strait Islander people, 2012-13										
Abstainers (f)	%	9.6	10.3	7.5	8.8	10.2	11.8	26.4	6.4	3.8
Exceeded single occasion risk guidelines (g)										
In last 12 months										
less often than once a week (h)	%	5.5	6.3	6.3	6.9	6.6	5.8	11.8	9.3	2.7
at least once a week (i)	%	9.9	11.5	9.4	9.5	12.9	9.9	22.1	14.6	4.3
on at least one occasion (j)	%	3.6	4.4	4.2	4.2	5.8	3.6	8.9	7.6	1.9
Exceeded lifetime risk guidelines (k)										
In the last week	%	8.4	10.5	10.4	8.4	11.7	11.8	20.4	14.5	4.3
Non-Indigenous people, 2011-12										
Abstainers (f)	%	4.3	5.7	4.8	6.5	4.9	8.1	7.0	9.9	2.2

Table NIRA.4.5 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, 2011–13 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Exceeded single occasion risk guidelines (g)										
In last 12 months										
less often than once a week (h)	%	3.7	3.3	3.6	3.9	3.2	4.0	6.0	6.0	1.6
at least once a week (i)	%	5.9	6.7	5.9	5.8	6.2	6.7	8.2	9.9	2.8
on at least one occasion (j)	%	2.7	2.6	2.4	2.6	2.2	2.5	4.6	4.4	1.1
Exceeded lifetime risk guidelines (k)										
In the last week	%	4.3	4.8	4.8	4.3	4.9	5.4	5.7	7.9	2.3
Rate ratio (l)										
Abstainers (f)	%	1.2	1.2	1.6	1.9	1.7	1.4	1.1	3.3	1.6
Exceeded single occasion risk guidelines (g)										
In last 12 months										
less often than once a week (h)	%	1.1	1.2	1.0	0.9	1.0	1.0	1.3	0.6	1.0
at least once a week (i)	%	1.6	1.3	1.4	1.5	1.3	1.1	1.3	0.8	1.4
on at least one occasion (j)	%	1.2	1.2	1.1	1.1	1.1	1.0	1.3	0.7	1.1
Exceeded lifetime risk guidelines (k)										
In the last week	%	1.1	1.1	0.9	0.9	1.2	0.8	0.7	0.6	1.0
Rate difference (m)										
Abstainers (f)	%	2.8	3.6	9.7	12.9	11.6	5.6	1.6	35.1	9.8
Exceeded single occasion risk guidelines (g)										
In last 12 months										
less often than once a week (h)	%	4.1	6.2	0.6	- 1.8	- 1.2	0.6	9.7	- 12.2	0.7
at least once a week (i)	%	6.3	4.0	5.4	8.4	4.2	1.2	3.3	- 3.8	5.7
on at least one occasion (j)	%	10.4	10.1	6.1	6.7	3.1	1.8	12.9	- 16.0	6.5
Exceeded lifetime risk guidelines (k)										
In the last week	%	1.3	2.2	- 1.9	- 2.4	3.6	- 4.9	- 5.4	- 10.7	- 0.3

(a) Rates are age standardised to the 2001 population.

Table NIRA.4.5 **Alcohol risk levels, by Indigenous status, persons aged 18 years and over, age standardised rates, 2011–13 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(b) The 2009 NHMRC guidelines advise that on a single occasion of drinking, the risk of alcohol-related injury increases with the amount consumed. For healthy men and women, 'drinking no more than four standard drinks on a single occasion reduces the risk of alcohol-related injury arising from that occasion'. A single occasion of drinking refers to a person consuming a sequence of drinks without their blood alcohol concentration reaching zero in-between. The 2009 National Health and Medical Research Council (NHMRC) guidelines for reducing health risks associated with the consumption of alcohol state that, for healthy men and women, 'drinking no more than two standard drinks on any day reduces the lifetime risk of harm from alcohol-related disease or injury'.

(c) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(d) Data for Aboriginal and Torres Strait Islander people are from the 2012-13 Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS) (2012-13 NATSIHS component).

(e) Data for non-Indigenous people are from the 2011–13 Australian Health Survey (AHS) (2011-12 National Health Survey component).

(f) No alcohol consumed in previous 12 months (including never consumed alcohol).

(g) Based on responses to questions in 2012-13 AATSIHS about frequency of consumption of specified number of drinks in previous year. The number of drinks was based on the NHMRC guidelines for exceeding single occasion risk guidelines for alcohol consumption for males and females.

(h) Persons who exceeded single occasion risk guidelines less than once a week in the previous 12 months.

(i) Persons who exceeded single occasion risk guidelines at least once a week in the previous 12 months.

(j) Persons who exceeded single occasion risk guidelines on at least one occasion in the previous 12 months.

(k) Lifetime risk has been operationalised for data collection purposes as: for both males and females, an average of more than 2 standard drinks per day in the last week, that is total alcohol consumption divided by the number of days to determine average per day. Note consumption based on week before the interview, does not take into account whether consumption in that week was more, less or the same as usual.

(l) Rate ratio is the age standardised Aboriginal and Torres Strait Islander proportion *divided by* the age standardised non-Indigenous proportion.

(m) Rate difference is the age standardised Aboriginal and Torres Strait Islander proportion *less* the age standardised non-Indigenous proportion.

Source: ABS (unpublished) Australian Aboriginal and Torres Strait Islander Health Survey 2012-13 (2012-13 NATSIHS component); ABS (unpublished) Australian Health Survey 2011–13 (2011-12 National Health Survey component).

NIRA Indicator 5:

Prevalence of overweight and obesity

Table NIRA.5.1 **Rates of overweight and obesity for persons aged 18 years and over, Aboriginal and Torres Strait Islander persons, 2018-19 (crude rates) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
People who are overweight or obese	**no.**	124 800	27 400	96 700	45 300	19 100	14 400	3 400	29 500	361 000
Persons aged 18 years and over	**no.**	163 400	35 600	132 900	59 500	25 700	18 100	4 900	47 100	486 300
Proportion	**%**	76.4	77.0	72.8	76.1	74.3	79.6	69.4	62.6	74.2
95 per cent confidence intervals	±	4.9	5.6	5.4	5.1	6.1	6.1	17.5	4.8	2.3
Relative standard error	%	3.3	3.7	3.8	3.4	4.2	3.9	12.9	3.9	1.6

(a) Body Mass Index (BMI) is a simple index of weight-for-height that is commonly used to classify underweight, normal weight, overweight and obesity. It is calculated from height and weight information, using the formula weight (kg) divided by the square of height (m). For adults, obesity is defined as a BMI of greater than or equal to 30 and overweight is defined as a BMI of 25.0–29.9.

(b) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Voluntary measurements of height and weight were collected from respondents. For records with missing height and weight values received a donor record response from a similar respondent. Comparisons with earlier years should only be made for proportions (which are directly comparable) and not numbers of people, as imputation on physical measurement data was not done for earlier surveys.

(d) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(e) Data for Aboriginal and Torres Strait Islander persons aged 15 years and over are available in the following publication: *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , ABS Cat. no. 4715.0.

Source : ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.5.2 **Rates of overweight and obesity for persons aged 18 years and over, Aboriginal and Torres Strait Islander persons aged 18 years and over, by remoteness, 2018-19 (crude rates) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Rate per 100 population of people aged 18 years and over who are overweight or obese										
Major cities	rate	76.5	78.8	75.6	78.5	77.4	..	69.4	..	76.3
Inner regional	rate	82.3	75.2	75.3	97.7	78.3	79.6	na	..	79.6
Outer regional	rate	69.0	71.4	66.6	79.5	68.6	77.8	..	71.0	70.2
Remote	rate	74.4	na	73.3	69.4	88.9	100.0	..	68.9	71.2
Very remote	rate	81.2	..	71.5	70.2	67.9	na	..	58.1	65.6
95 per cent confidence intervals										
Major cities	±	7.0	8.2	8.3	9.1	8.0	..	17.5	..	3.7
Inner regional	±	5.8	8.8	9.9	30.8	19.6	9.7	na	..	4.1
Outer regional	±	22.2	23.0	14.1	23.7	12.4	8.8	..	7.1	8.0
Remote	±	13.1	na	6.9	10.2	23.9	33.1	..	6.5	4.0
Very remote	±	36.6	..	6.4	7.0	15.8	na	..	6.8	4.2
Relative standard error										
Major cities	%	4.7	5.3	5.6	5.9	5.3	..	12.9	..	2.5
Inner regional	%	3.6	6.0	6.7	16.1	12.8	6.2	na	..	2.6
Outer regional	%	16.4	16.4	10.8	15.2	9.2	5.8	..	5.1	5.8
Remote	%	9.0	na	4.8	7.5	13.7	16.9	..	4.8	2.9
Very remote	%	23.0	..	4.6	5.1	11.9	na	..	6.0	3.3

(a) BMI is a simple index of weight-for-height that is commonly used to classify underweight, normal weight, overweight and obesity. It is calculated from height and weight information, using the formula weight (kg) divided by the square of height (m). For adults, obesity is defined as a BMI of greater than or equal to 30 and overweight is defined as a BMI of 25.0–29.9.

(b) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) The 2018-19 NATSIHS sample frame excluded households from Remote areas in Victoria, Very remote areas in Tasmania, and Inner regional areas in the ACT.

Table NIRA.5.2 **Rates of overweight and obesity for persons aged 18 years and over, Aboriginal and Torres Strait Islander persons aged 18 years and over, by remoteness, 2018-19 (crude rates) (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(d) Voluntary measurements of height and weight were collected from respondents. For respondents with missing height and weight values, their record received a donor record response from a similar respondent.

(e) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

na Not available. .. Not applicable.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.5.3 **Rates of overweight and obesity for persons aged 18 years and over, by Indigenous status, age standardised rate per 100 population, 2017–19 (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Estimated number of people aged 18 years or over who are overweight or obese										
Aboriginal and Torres Strait Islander, 2018-19	no.	124 800	27 400	96 700	45 300	19 100	14 400	3 400	29 500	361 000
Non-Indigenous, 2017-18	no.	3 844 300	3 329 600	2 348 600	1 254 500	909 400	269 800	196 100	79 500	12 242 000
Total number of people aged 18 years and over										
Aboriginal and Torres Strait Islander, 2018-19	no.	163 400	35 600	132 900	59 500	25 700	18 100	4 900	47 100	486 300
Non-Indigenous, 2017-18	no.	5 881 500	4 869 300	3 573 200	1 877 700	1 306 200	382 700	307 000	121 700	18 324 300
Rate per 100 population of people aged 18 years or over who are overweight or obese										
Aboriginal and Torres Strait Islander, 2018-19	rate	78.4	79.7	76.7	78.6	76.1	80.6	75.0	64.5	76.8
Non-Indigenous, 2017-18	rate	64.8	68.3	65.0	66.3	68.3	68.9	64.1	65.7	66.3
95 per cent confidence intervals for rates										
Aboriginal and Torres Strait Islander, 2018-19	±	4.9	5.6	5.4	5.1	6.1	6.1	17.5	4.8	2.3
Non-Indigenous, 2017-18	±	1.8	1.9	1.9	2.7	2.5	2.5	3.3	3.5	0.9
RSEs for rates										
Aboriginal and Torres Strait Islander, 2018-19	%	3.2	3.6	3.6	3.3	4.1	3.9	11.9	3.8	1.5
Non-Indigenous, 2017-18	%	1.4	1.4	1.5	2.1	1.9	1.9	2.6	2.7	0.7
Rate ratio (i)	no.	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.0	1.2
Rate difference (j)	no.	13.6	11.4	11.7	12.3	7.8	11.7	10.9	- 1.2	10.5

(a) Rates are age standardised to the 2001 population.

(b) BMI is a simple index of weight-for-height that is commonly used to classify underweight, normal weight, overweight and obesity. It is calculated from height and weight information, using the formula weight (kg) divided by the square of height (m). For adults, obesity is defined as a BMI of greater than or equal to 30 and overweight is defined as a BMI of 25.0–29.9.

(c) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(d) Data for Aboriginal and Torres Strait Islander people are from the NATSIHS.

(e) Data for non-Indigenous people are from the NHS, sourced through published comparator data in the NATSIHS.

Table NIRA.5.3 **Rates of overweight and obesity for persons aged 18 years and over, by Indigenous status, age standardised rate per 100 population, 2017–19 (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(f) Voluntary measurements of height and weight were collected from respondents. For respondents with missing height and weight values, their record received a donor record response from a similar respondent.

(g) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(h) For the 2017-18 NHS and 2018-19 NATSIHS, the 95 per cent confidence intervals and RSEs for the aged standardised rates are those for the associated crude rates.

(i) Rate ratio is the proportion of rate of Indigenous people overweight or obese divided by the rate of non-Indigenous overweight or obese.

(j) Rate difference is the rate of Indigenous people overweight or obese less the rate of non-Indigenous overweight or obese.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.5.4 **Rates of overweight and obesity for persons aged 18 years and over, by Indigenous status, by remoteness, age standardised rate per 100 population, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Rate per 100 population of people aged 18 years or over who are overweight or obese										
Aboriginal and Torres Strait Islander people, 2018-19										
Major cities	rate	79.3	83.2	77.3	83.1	79.8	..	75.0	..	79.5
Inner regional	rate	84.6	77.4	80.9	99.2	77.8	82.3	na	..	82.7
Outer regional	rate	70.8	71.4	72.0	78.7	69.9	80.0	..	72.2	72.5
Remote	rate	77.1	na	74.3	71.1	83.1	91.0	..	70.0	72.7
Total outer regional and remote	rate	74.1	71.4	71.7	74.9	77.1	79.4	..	70.4	72.8
Very remote	rate	88.9	..	71.2	70.9	69.1	na	..	61.1	67.1
Non-Indigenous, 2017-18										
Major cities	rate	62.8	67.0	64.3	64.7	68.0	..	64.1	..	64.9
Inner regional	rate	73.0	73.8	66.5	64.4	68.4	66.9	np	..	70.7
Outer regional	rate	np	np	np	np	np	np	..	np	69.8
Remote	rate	np	np	np	np	np	np	..	np	72.4
Total outer regional and remote	rate	76.8	70.8	65.7	75.0	71.1	72.8	..	65.7	69.8
Very remote	rate	na	..	na	na	na	na	..	na	na
95 per cent confidence intervals for rates										
Aboriginal and Torres Strait Islander people, 2018-19										
Major cities	±	7.0	8.2	8.3	9.1	8.0	..	17.5	..	3.7
Inner regional	±	5.8	8.8	9.9	30.8	19.6	9.7	na	..	4.1
Outer regional	±	22.2	23.0	14.1	23.7	12.4	8.8	..	7.1	8.0
Remote	±	13.1	na	6.9	10.2	23.9	33.1	..	6.5	4.0
Total outer regional and remote	±	18.8	23.0	11.8	12.9	8.0	8.6	..	5.3	6.1
Very remote	±	36.6	..	6.4	7.0	15.8	na	..	6.8	4.2
Non-Indigenous, 2017-18										
Major cities	±	2.5	2.5	2.7	3.3	2.0	..	3.3	..	1.1
Inner regional	±	4.3	4.6	5.2	9.9	3.5	2.0	np	..	2.0

Table NIRA.5.4 **Rates of overweight and obesity for persons aged 18 years and over, by Indigenous status, by remoteness, age standardised rate per 100 population, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Outer regional	±	np	np	np	np	np	np	..	np	2.8
Remote	±	np	np	np	np	np	np	..	np	2.6
Total outer regional and remote	±	1.3	15.5	4.2	5.8	2.8	5.2	..	3.5	2.4
Very remote	±	na	..	na	na	na	na	..	na	na
RSEs for rates										
Aboriginal and Torres Strait Islander people, 2018-19										
Major cities	%	4.5	5.0	5.5	5.6	5.1	..	11.9	..	2.4
Inner regional	%	3.5	5.8	6.2	15.8	12.9	6.0	na	..	2.5
Outer regional	%	16.0	16.4	10.0	15.4	9.1	5.6	..	5.0	5.6
Remote	%	8.7	na	4.7	7.3	14.7	18.6	..	4.7	2.8
Total outer regional and remote	%	12.9	16.4	8.4	8.8	5.3	5.5	..	3.8	4.3
Very remote	%	21.0	..	4.6	5.0	11.7	na	..	5.7	3.2
Non-Indigenous, 2017-18										
Major cities	%	2.0	1.9	2.1	2.6	1.5	..	2.6	..	0.9
Inner regional	%	3.0	3.2	4.0	7.8	2.6	1.5	np	..	1.4
Outer regional	%	np	np	np	np	np	np	..	np	2.0
Remote	%	np	np	np	np	np	np	..	np	1.8
Total outer regional and remote	%	0.9	11.2	3.3	3.9	2.0	3.6	..	2.7	1.8
Very remote	%	na	..	na	na	na	na	..	na	na

(a) Rates are age standardised to the 2001 population.

(b) BMI is a simple index of weight-for-height that is commonly used to classify underweight, normal weight, overweight and obesity. It is calculated from height and weight information, using the formula weight (kg) divided by the square of height (m). For adults, obesity is defined as a BMI of greater than or equal to 30 and overweight is defined as a BMI of 25.0–29.9.

(b) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

Table NIRA.5.4 **Rates of overweight and obesity for persons aged 18 years and over, by Indigenous status, by remoteness, age standardised rate per 100 population, 2017–19 (a), (b), (c), (d), (e), (f), (g)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(c) Data for Aboriginal and Torres Strait Islander people are from the NATSIHS. The 2018-19 NATSIHS sample frame excluded households from Remote areas in Victoria, Very remote areas in Tasmania, and Inner regional areas in the ACT.

(d) Data for non-Indigenous people are from the NHS, sourced through published comparator data in the NATSIHS. Non-Indigenous data for Outer regional and Remote areas by State and Territory has been combined as data quality is not sufficient to support separate reporting of these remoteness categories. The NHS scope exclude households from Very remote areas.

(e) Voluntary measurements of height and weight were collected from respondents. For respondents with missing height and weight values, their record received a donor record response from a similar respondent.

(f) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(g) For the 2017-18 NHS and 2018-19 NATSIHS, the 95 per cent confidence intervals and RSEs for the aged standardised rates are those for the associated crude rates.

na Not available. **np** Not published. .. Not applicable.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.5.5 **Rates for Body Mass Index (BMI) categories for persons aged 18 years and over, by Indigenous status, age standardised rate per 100 population, 2017–19 (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Rate per 100 population of people aged 18 years or over who are overweight or obese										
Aboriginal and Torres Strait Islander people, 2018-19										
Underweight (BMI less than 18.5)	rate	1.5	2.0	3.1	2.8	2.3	2.1	1.0	7.8	2.9
Normal weight (BMI 18.5–24.9)	rate	19.5	18.5	19.6	19.2	21.9	18.3	21.8	27.3	20.3
Overweight (BMI 25.0–29.9)	rate	30.2	27.9	27.7	33.7	28.9	29.8	24.4	28.2	29.6
Obese (BMI over 30.0)	rate	48.4	51.8	48.7	44.9	47.8	50.8	52.3	35.9	47.2
Non-Indigenous, 2017-18										
Underweight (BMI less than 18.5)	rate	1.5	1.0	1.9	1.1	1.0	1.0	1.4	1.4	1.4
Normal weight (BMI 18.5–24.9)	rate	33.5	30.8	33.2	32.9	30.7	29.9	34.4	33.6	32.4
Overweight (BMI 25.0–29.9)	rate	34.9	36.4	33.5	38.0	37.7	35.1	38.1	36.6	35.6
Obese (BMI over 30.0)	rate	30.0	31.6	31.6	28.5	30.9	34.2	26.0	29.1	30.6
95 per cent confidence intervals for rates										
Aboriginal and Torres Strait Islander people, 2018-19										
Underweight (BMI less than 18.5)	±	1.7	1.7	2.9	1.7	1.4	2.1	–	3.0	1.0
Normal weight (BMI 18.5–24.9)	±	4.3	5.4	3.9	5.0	6.0	5.6	18.6	3.7	2.0
Overweight (BMI 25.0–29.9)	±	4.7	6.0	4.8	5.4	8.3	6.4	10.3	4.4	2.3
Obese (BMI over 30.0)	±	5.4	6.3	4.3	5.7	7.2	6.6	11.9	4.4	2.5
Non-Indigenous, 2017-18										
Underweight (BMI less than 18.5)	±	0.6	0.5	0.6	0.7	0.6	0.7	0.8	0.8	0.2
Normal weight (BMI 18.5–24.9)	±	1.8	1.9	2.2	2.7	2.5	2.6	3.3	3.3	0.9
Overweight (BMI 25.0–29.9)	±	1.9	1.9	2.0	2.5	2.9	2.8	3.4	3.6	1.0
Obese (BMI over 30.0)	±	2.0	2.0	2.0	2.4	2.3	2.8	3.2	3.4	0.9
RSEs for rates										
Aboriginal and Torres Strait Islander people, 2018-19										
Underweight (BMI less than 18.5)	%	57.8	43.4	47.7	31.0	31.1	51.0	–	19.6	17.6
Normal weight (BMI 18.5–24.9)	%	11.3	14.9	10.2	13.3	14.0	15.6	43.5	6.9	5.0

Table NIRA.5.5 **Rates for Body Mass Index (BMI) categories for persons aged 18 years and over, by Indigenous status, age standardised rate per 100 population, 2017–19 (a), (b), (c), (d), (e), (f), (g), (h)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Overweight (BMI 25.0–29.9)	%	7.9	11.0	8.8	8.2	14.7	11.0	21.5	8.0	4.0
Obese (BMI over 30.0)	%	5.7	6.2	4.5	6.5	7.7	6.6	11.6	6.3	2.7
Non-Indigenous, 2017-18										
Underweight (BMI less than 18.5)	%	20.4	25.5	16.1	32.5	30.6	35.7	29.2	29.2	7.3
Normal weight (BMI 18.5–24.9)	%	2.7	3.1	3.4	4.2	4.2	4.4	4.9	5.0	1.4
Overweight (BMI 25.0–29.9)	%	2.8	2.7	3.0	3.4	3.9	4.1	4.6	5.0	1.4
Obese (BMI over 30.0)	%	3.4	3.2	3.2	4.3	3.8	4.2	6.3	6.0	1.5

(a) Rates are age standardised to the 2001 population.

(b) BMI is a simple index of weight-for-height that is commonly used to classify underweight, normal weight, overweight and obesity. It is calculated from height and weight information, using the formula weight (kg) divided by the square of height (m).

(c) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(d) Data for Aboriginal and Torres Strait Islander people are from the NATSIHS.

(e) Data for non-Indigenous people are from the NHS, sourced through published comparator data in the NATSIHS.

(f) Voluntary measurements of height and weight were collected from respondents. For respondents with missing height and weight values, their record received a donor record response from a similar respondent.

(g) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(h) For the 2017-18 NHS and 2018-19 NATSIHS, the 95 per cent confidence intervals and RSEs for the aged standardised rates are those for the associated crude rates.

– Nil or rounded to zero.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

NIRA Indicator 6:

Under five mortality rate by leading cause

Table NIRA.6.1 **All causes perinatal, infant and child mortality, by Indigenous status, single year, 2006 to 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

		Aboriginal and Torres Strait Islander			*Non-Indigenous*		
	Unit	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)
2018							
Number of deaths	no.	170	99	117	1 474	587	691
Rate (r) (s)	rate	8.7	5.1	140.8	7.2	2.9	66.8
Variability bands (t)	±	1.3	1.0	25.4	0.4	0.2	5.0
Rate ratio (u)	no.	1.2	1.8	2.1	1.2	1.8	2.1
Rate difference (v)	no.	1.5	2.2	74.0	1.5	2.2	74.0
2017							
Number of deaths	no.	173	113	131	1 518	591	718
Rate (r) (s)	rate	9.6	6.3	158.3	7.7	3.0	70.2
Variability bands (t)	±	1.4	1.2	27.0	0.4	0.2	5.1
Rate ratio (u)	no.	1.3	2.1	2.3	1.3	2.1	2.3
Rate difference (v)	no.	1.9	3.3	88.2	1.9	3.3	88.2
2016							
Number of deaths	no.	163	98	113	1 515	595	726
Rate (r) (s)	rate	10.0	6.0	136.7	7.5	3.0	70.4
Variability bands (t)	±	1.5	1.2	25.1	0.4	0.2	5.1
Rate ratio (u)	no.	1.3	2.0	1.9	1.3	2.0	1.9
Rate difference (v)	no.	2.4	3.0	66.2	2.4	3.0	66.2
2015							
Number of deaths	no.	166	104	124	1 646	652	781
Rate (r) (s)	rate	9.9	6.3	149.8	8.1	3.2	76.3
Variability bands (t)	±	1.5	1.2	26.3	0.4	0.2	5.3
Rate ratio (u)	no.	1.2	1.9	2.0	1.2	1.9	2.0
Rate difference (v)	no.	1.9	3.0	73.5	1.9	3.0	73.5

Table NIRA.6.1 **All causes perinatal, infant and child mortality, by Indigenous status, single year, 2006 to 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

		Aboriginal and Torres Strait Islander			*Non-Indigenous*		
	Unit	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)
2014							
Number of deaths	no.	128	100	118	1 488	643	756
Rate (r) (s)	rate	8.1	6.4	143.2	7.5	3.3	74.2
Variability bands (t)	±	1.4	1.3	25.7	0.4	0.3	5.3
Rate ratio (u)	no.	1.1	2.0	1.9	1.1	2.0	1.9
Rate difference (v)	no.	0.6	3.1	69.0	0.6	3.1	69.0
2013							
Number of deaths	no.	173	110	136	1 581	709	853
Rate (r) (s)	rate	10.6	6.8	163.8	7.7	3.5	84.4
Variability bands (t)	±	1.6	1.3	27.4	0.4	0.3	5.7
Rate ratio (u)	no.	1.4	2.0	1.9	1.4	2.0	1.9
Rate difference (v)	no.	2.9	3.3	79.4	2.9	3.3	79.4
2012							
Number of deaths	no.	117	81	107	1 596	664	788
Rate (r) (s)	rate	7.2	5.0	128.9	7.8	3.3	79.4
Variability bands (t)	±	1.3	1.1	24.4	0.4	0.2	5.5
Rate ratio (u)	no.	0.9	1.5	1.6	0.9	1.5	1.6
Rate difference (v)	no.	- 0.7	1.7	49.4	- 0.7	1.7	49.4
2011							
Number of deaths	no.	166	105	124	1 620	725	855
Rate (r) (s)	rate	10.4	6.6	149.4	8.0	3.6	88.4
Variability bands (t)	±	1.6	1.3	26.2	0.4	0.3	5.9
Rate ratio (u)	no.	1.3	1.8	1.7	1.3	1.8	1.7
Rate difference (v)	no.	2.4	3.0	60.9	2.4	3.0	60.9

Table NIRA.6.1 **All causes perinatal, infant and child mortality, by Indigenous status, single year, 2006 to 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

		Aboriginal and Torres Strait Islander			*Non-Indigenous*		
	Unit	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)
2010							
Number of deaths	no.	168	109	125	1 629	799	936
Rate (r) (s)	rate	10.6	6.9	151.4	8.0	3.9	97.0
Variability bands (t)	±	1.6	1.3	26.5	0.4	0.3	6.2
Rate ratio (u)	no.	1.3	1.8	1.6	1.3	1.8	1.6
Rate difference (v)	no.	2.6	3.0	54.5	2.6	3.0	54.5
2009							
Number of deaths	no.	156	97	129	1 714	817	952
Rate (r) (s)	rate	10.2	6.4	158.7	8.5	4.1	100.5
Variability bands (t)	±	1.6	1.3	27.3	0.4	0.3	6.4
Rate ratio (u)	no.	1.2	1.6	1.6	1.2	1.6	1.6
Rate difference (v)	no.	1.7	2.3	58.1	1.7	2.3	58.1
2008							
Number of deaths	no.	142	101	125	1 641	791	935
Rate (r) (s)	rate	9.7	7.0	157.0	8.1	3.9	102.0
Variability bands (t)	±	1.6	1.4	27.4	0.4	0.3	6.5
Rate ratio (u)	no.	1.2	1.8	1.5	1.2	1.8	1.5
Rate difference (v)	no.	1.7	3	54.9	1.7	3.1	54.9
2007							
Number of deaths	no.	172	114	135	1 586	758	906
Rate (r) (s)	rate	12.4	8.3	172.6	8.1	3.9	102.6
Variability bands (t)	±	1.8	1.5	29.0	0.4	0.3	6.7
Rate ratio (u)	no.	1.5	2.1	1.7	1.5	2.1	1.7
Rate difference (v)	no.	4.3	4.4	70.0	4.3	4.4	70.0

Table NIRA.6.1 **All causes perinatal, infant and child mortality, by Indigenous status, single year, 2006 to 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

		Aboriginal and Torres Strait Islander			*Non-Indigenous*		
	Unit	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)
2006							
Number of deaths	no.	172	112	131	1 500	790	946
Rate (r) (s)	rate	14.4	9.4	170.3	8.2	4.4	110.8
Variability bands (t)	±	2.1	1.7	29.1	0.4	0.3	7.0
Rate ratio (u)	no.	1.7	2.2	1.5	1.7	2.2	1.5
Rate difference (v)	no.	6.1	5.1	59.6	6.1	5.1	59.6

(a) Data are based on jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(b) Aboriginal and Torres Strait Islander and non-Indigenous population estimates are available for Census years only. In the intervening years, Aboriginal and Torres Strait Islander population figures are derived from assumptions about past and future levels of fertility, mortality and migration. In the absence of non-Indigenous population figures for these years, it is possible to derive denominators for calculating non-Indigenous rates by subtracting the Aboriginal and Torres Strait Islander population estimates/projections from the total population. In the present table, non-Indigenous population estimates have been derived by subtracting the 2016 Census-based Aboriginal and Torres Strait Islander population estimates/projections from the 2016 Census-based total persons Estimated Resident Population (ERP). Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases. ERP for total population used in calculating non-Indigenous population estimates is final for 2016 and earlier years.

(c) Data based on reference year for perinatal deaths. Data based on year of registration for infant and child deaths. Deaths prior to 2007 are by year of registration and state/territory of usual residence. Deaths from 2007 onwards are by reference year and state/territory of usual residence. Registration year prior to 2007 is equivalent to reference year from 2007 onwards.

(d) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality and perinatal mortality rates.

(e) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(f) This supply only includes information on registered fetal and neonatal deaths. This scope differs from other Australian data sources on perinatal deaths and caution should be taken from using multiple sources for analysis. See explanatory notes 19 and 20 in *Causes of Deaths, Australia, 2018* (cat. no. 3303.0) for further information.

(g) From 2018, changes in coding processes have been applied to the data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the *Causes of Death, Australia, 2018* (cat. no. 3303.0) publication

Table NIRA.6.1 **All causes perinatal, infant and child mortality, by Indigenous status, single year, 2006 to 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*		
Unit	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)

(h) New South Wales, Queensland and Northern Territory Births, Deaths and Marriages (RBDM) took a number of initiatives in recent years to improve processing systems and timeliness of registrations of births. These issues affected the birth counts of these jurisdictions. Care should therefore be taken when interpreting changes in infant mortality rates for New South Wales, Queensland, Northern Territory and Australia. For more information, see Births data quality statement.

(i) From 1 July 2016, deaths registered on Norfolk Island are included in this table.

(j) From 2016, deaths with not stated age have not been prorated and have been excluded from analysis.

(k) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(l) From 2014, cells with small values have been randomly adjusted to protect confidentiality. Some totals will not equal the sum of their components. Cells with a zero value have not been affected by confidentialisation. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(m) From 2013, a number of updates to the ICD-10 were applied to the causes of death data. Details of the impact of these changes on the mortality data are described in ABS Implementation of the Iris Software: Understanding Coding and Process Improvements in ABS Causes of *Death, Australia, 2013* (cat. no. 3303.0).

(n) Perinatal deaths include neonatal deaths (i.e. death of a live born baby within 28 completed days of birth) and stillbirths of at least 20 completed weeks of gestation or with a birth weight of at least 400 grams.

(o) Perinatal deaths disaggregated by Indigenous status are not published for SA but are included in national totals. It is recommended these totals be used with caution while the ABS assesses the quality of the SA data.

(p) Infant deaths include all deaths within the first year of life.

(q) Includes deaths of all children aged 0–4 years. From 2016, deaths with not stated age have not been prorated and have been excluded from analysis.

(r) For children 0–4 deaths, the child mortality rate is the number of deaths of children aged 0-4 years registered during the reference year per 100,000 population (0-4 years) at 30 June of the year.

(s) For perinatal deaths, the rates represent the number of deaths per 1000 of all births (including live births and stillbirths of at least 20 completed weeks of gestation or with a birth weight of at least 400 grams). For infant deaths (less than one year), the rates represent the number of deaths per 1000 live births.

(t) Variability bands can be used for comparisons within jurisdictions (for cause of death or over time), but not between jurisdictions or between jurisdictions and totals. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(u) Rate ratio is the Aboriginal and Torres Strait Islander mortality rate divided by the non-Indigenous mortality rate.

(v) Rate difference is the Aboriginal and Torres Strait Islander mortality rate less the non-Indigenous mortality rate.

Table NIRA.6.1 **All causes perinatal, infant and child mortality, by Indigenous status, single year, 2006 to 2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m)**

		Aboriginal and Torres Strait Islander			*Non-Indigenous*		
	Unit	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)	*Perinatal* (n) (o)	*Infants 0–1* (p)	*Children 0–4* (q)

Source: ABS (unpublished) *Perinatals Deaths, Australia*, various years; ABS (unpublished) *Births, Australia*, various years; ABS (unpublished) *Deaths, Australia*, various years; ABS (unpublished) Estimated Resident Population, various years; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2003 to 2031*, Series B, cat. no. 3238.0; ABS (2013) *Population Projections, Australia, 2012 (base) to 2101*, Series B, cat. no. 3222.0.

Table NIRA.6.2 **All causes perinatal mortality, by Indigenous status, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA* (l)	*NT*	*Total* (l), (m)
Foetal deaths (n), (o)							
Number of deaths							
Aboriginal and Torres Strait Islander	no.	89	195	105	np	74	464
Non-Indigenous	no.	2 259	1 757	940	np	100	5 419
Rate							
Aboriginal and Torres Strait Islander	per 1000 relevant births	3.1	7.1	7.5	np	10.7	5.7
Non-Indigenous	per 1000 relevant births	5.0	6.2	5.8	np	7.8	5.4
Rate ratio (p)	no.	0.6	1.2	1.3	np	1.4	1.0
Rate difference (q)	no.	- 1.9	0.9	1.7	np	2.9	0.3
Neonatal deaths (r)							
Number of deaths							
Aboriginal and Torres Strait Islander	no.	87	121	46	17	65	336
Non-Indigenous	no.	1 004	781	223	177	37	2 222
Rate							
Aboriginal and Torres Strait Islander	per 1000 live births	3.0	4.5	3.3	3.6	9.5	4.1
Non-Indigenous	per 1000 live births	2.2	2.8	1.4	1.9	2.9	2.2
Rate ratio (p)	no.	1.4	1.6	2.4	1.9	3.3	1.9
Rate difference (q)	no.	0.8	1.7	1.9	1.6	6.6	1.9
Perinatal deaths (o), (s)							
Number of deaths							
Aboriginal and Torres Strait Islander	no.	176	316	151	np	139	800
Non-Indigenous	no.	3 263	2 538	1 163	np	137	7 641
Rate							
Aboriginal and Torres Strait Islander	per 1000 relevant births	6.1	11.6	10.8	np	20.1	9.8
Non-Indigenous	per 1000 relevant births	7.2	9.0	7.2	np	10.7	7.6
Rate ratio (p)	no.	0.8	1.3	1.5	np	1.9	1.3
Rate difference (q)	no.	- 1.1	2.6	3.6	np	9.4	2.2

Table NIRA.6.2 **All causes perinatal mortality, by Indigenous status, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA* (l)	*NT*	*Total* (l), (m)

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in *Causes of Death, Australia, 2018* (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in *Causes of Death, Australia, 2017* (cat. no. 3303.0).

(b) Data are reported individually for NSW, Queensland, WA, SA and the NT only. These five states and territories are considered to have adequate levels of Aboriginal and Torres Strait Islander identification in mortality data. Data for these five jurisdictions over-represent Aboriginal and Torres Strait Islander populations in less urbanised and more remote locations. Mortality data for the five jurisdictions should not be assumed to represent the experience in the other jurisdictions.

(c) Data are presented in 5-year groupings because of small numbers each year. For rate calculations, the numerator is the average of the total number of deaths and the denominator is the mid-point of the population for the time period.

(d) Data cells with small values have been randomly assigned to protect the confidentiality of individuals. As a result, some totals will not equal the sum of their components. It is important to note that cells with a zero value have not been affected by confidentialisation.

(e) Although most deaths of Aboriginal and Torres Strait Islander children are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these statistics are likely to underestimate Aboriginal and Torres Strait Islander perinatal mortality and, depending on the under-identification in births, may either underestimate or overestimate the rates. It is also difficult to exactly identify the difference between the Aboriginal and Torres Strait Islander and non-Indigenous perinatal mortality rates because of these data quality issues.

(f) Deaths where the Indigenous status of the deceased was not stated are excluded from analysis.

(g) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(h) This supply only includes information on registered fetal and neonatal deaths. This scope differs from other Australian data sources on perinatal deaths and caution should be taken from using multiple sources for analysis. See explanatory note 19 and 20 in Causes of Deaths, Australia, 2018 (cat. no. 3303.0) for further information.

(i) New South Wales, Queensland and Northern Territory Births, Deaths and Marriages (RBDM) took a number of initiatives in recent years to improve processing systems and timeliness of registrations of births. These issues affected the birth counts of these jurisdictions. Care should therefore be taken when interpreting changes in infant mortality rates for New South Wales, Queensland. Northern Territory and Australia. For more information, see Births data quality statement.

(j) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the Causes of Death, Australia, 2018 (cat. no. 3303.0) publication

Table NIRA.6.2 **All causes perinatal mortality, by Indigenous status, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA* (l)	*NT*	*Total* (l), (m)

(k) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(l) Fetal and perinatal deaths disaggregated by Indigenous status are not published for SA but are included in national totals. It is recommended these totals be used with caution while the ABS assesses the quality of the SA data.

(m) Total includes data for NSW, Queensland, WA, SA and the NT only. These five states and territories are considered to have adequate levels of Aboriginal and Torres Strait Islander identification in mortality data. Data for these five jurisdictions over-represent Aboriginal and Torres Strait Islander populations in less urbanised and more remote locations. Mortality data for the five jurisdictions should not be assumed to represent the experience in the other jurisdictions.

(n) Foetal deaths of at least 20 weeks gestation or with a birthweight of at least 400 grams.

(o) For foetal deaths and perinatal deaths, the rates represent the number of deaths per 1000 of all births (including live births and stillbirths of at least 20 completed weeks of gestation or with a birth weight of at least 400 grams). For neonatal deaths, the rates represent the number of deaths per 1000 of all lives births.

(p) Rate ratio is the mortality rate for Aboriginal and Torres Strait Islander Australians divided by the mortality rate for non-Indigenous Australians.

(q) Rate difference is the mortality rate for Aboriginal and Torres Strait Islander Australians minus the mortality rate for non-Indigenous Australians.

(r) Neonatal death is death of a live-born baby within 28 days of birth.

(s) Perinatal deaths are all foetal deaths (at least 20 weeks gestation or at least 400 grams birthweight) plus all neonatal deaths. See *Perinatal Deaths, Australia* (ABS Cat. no. 3304.0) Glossary for further information.

np Not published.

Source: ABS (unpublished) *Perinatal Deaths, Australia, 2018*.

Table NIRA.6.3 **All causes infant (<1 year) mortality, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total (*j)
Number of deaths							
Aboriginal and Torres Strait Islander	no.	131	173	94	22	94	514
Non-Indigenous	no.	1 341	1 071	340	264	52	3 068
Rate (k)							
Aboriginal and Torres Strait Islander	per 1000 live births	4.5	6.4	6.8	4.6	13.7	6.3
Non-Indigenous	per 1000 live births	3.0	3.8	2.1	2.9	4.1	3.1
Rate ratio (l)	no.	1.5	1.7	3.2	1.6	3.4	2.1
Rate difference (m)	no.	1.6	2.6	4.7	1.7	9.6	3.2

(a) Includes all deaths within the first year of life.

(b) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(c) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(d) Data are presented in five-year groupings due to volatility of the small numbers involved.

(e) Deaths prior to 2007 are by year of registration and state/territory of usual residence. Deaths from 2007 onwards are by reference year and state/territory of usual residence. Registration year prior to 2007 is equivalent to reference year from 2007 onwards.

(f) Some totals and figures may not compute due to the effects of using different denominators and of rounding.

(g) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(h) From 2014, cells with small values have been randomly adjusted to protect confidentiality. Some totals will not equal the sum of their components. Cells with a zero value have not been affected by confidentialisation. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(i) Temporary processing delays have contributed to the low number of births registered in New South Wales for 2014. For more information data quality statements are available on the AIHW website along with the METeOR data specifications.

(j) Total includes data for NSW, Queensland, WA, SA and the NT only.

(k) The volatility in infant mortality rates is partially due to the relatively small number of infant deaths registered.

(l) Rate ratio is the Aboriginal and Torres Strait Islander mortality rate divided by the non-Indigenous mortality rate.

Table NIRA.6.3 **All causes infant (<1 year) mortality, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total (*j)

(m) Rate difference is the Aboriginal and Torres Strait Islander mortality rate less the non-Indigenous mortality rate.

Source: ABS (unpublished) *Deaths, Australia*, various years; ABS (unpublished) *Births, Australia*, various years.

Table NIRA.6.4 **All causes child (1–4 years) mortality, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (l)
Number of deaths							
Aboriginal and Torres Strait Islander	no.	20	25	16	11	17	89
Non-Indigenous	no.	261	205	78	55	5	604
Rate (m)							
Aboriginal and Torres Strait Islander	per 100 000 persons	15.7	23.0	34.9	54.9	58.1	26.9
Non-Indigenous	per 100 000 persons	14.0	17.5	12.1	14.1	10.7	14.7
Rate ratio (n)	no.	1.1	1.3	2.9	3.9	5.4	1.8
Rate difference (o)	no.	1.8	5.5	22.8	40.8	47.4	12.2

(a) Includes deaths of all children aged 1–4 years.

(b) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(c) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(d) Aboriginal and Torres Strait Islander and non-Indigenous population estimates are available for Census years only. In the intervening years, Aboriginal and Torres Strait Islander population figures are derived from assumptions about past and future levels of fertility, mortality and migration. In the absence of non-Indigenous population figures for these years, it is possible to derive denominators for calculating non-Indigenous rates by subtracting the Aboriginal and Torres Strait Islander population estimates/projections from the total population. In the present table, non-Indigenous population estimates have been derived by subtracting the 2016 Census-based Aboriginal and Torres Strait Islander population estimates/projections from the 2016 Census-based total persons Estimated Resident Population (ERP). Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases. ERP for the total population used in the calculating non-Indigenous ERP is final for 2016 and earlier years.

(e) Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates.

(f) Data are presented in five-year groupings due to volatility of the small numbers involved.

(g) Deaths prior to 2007 are by year of registration and state/territory of usual residence. Deaths from 2007 onwards are by reference year and state/territory of usual residence. Registration year prior to 2007 is equivalent to reference year 2007 onwards.

(h) Includes deaths of all children aged 1-4 years. Records with not stated age at death have not been prorated across age groups including 1-4 year olds.

(i) Some totals and figures may not compute due to the effects of using different denominators and of rounding.

Table NIRA.6.4 **All causes child (1–4 years) mortality, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k)**

	Unit	*NSW*	*Qld*	*WA*	*SA*	*NT*	*Total* (l)

(j) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(k) From 2014, cells with small values have been randomly adjusted to protect confidentiality. Some totals will not equal the sum of their components. Cells with a zero value have not been affected by confidentialisation. For more information data quality statements are available on the AIHW website along with the METeOR.

(l) Total includes data for NSW, Queensland, WA, SA and the NT only.

(m) For child deaths (1–4 years), the rates represent the number of deaths per 100 000 Estimated Resident Population (1–4 years). Child death rates for this period are the average of death registrations, divided by the average projected Aboriginal and Torres Strait Islander population and the average non-Indigenous population as derived using the total Estimated Resident Population (ERP).

(n) Rate ratio is the Aboriginal and Torres Strait Islander mortality rate divided by the non-Indigenous mortality rate.

(o) Rate difference is the Aboriginal and Torres Strait Islander mortality rate less the non-Indigenous mortality rate.

Source: ABS (unpublished) *Deaths, Australia*, various years; ABS (unpublished) Estimated Resident Population, various years; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031*, Series B, cat. no. 3238.0.

Table NIRA.6.5 **All causes child (0–4 years) mortality, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (k), (l)
Number of deaths							
Aboriginal and Torres Strait Islander	no.	151	198	110	33	111	603
Non-Indigenous	no.	1 602	1 276	418	319	57	3 672
Rate (m)							
Aboriginal and Torres Strait Islander	per 100 000 persons	94.6	145.9	191.7	131.9	304.9	145.6
Non-Indigenous	per 100 000 persons	68.8	87.9	51.9	65.8	96.2	71.6
Rate ratio (n)	no.	1.4	1.7	3.7	2.0	3.2	2.0
Rate difference (o)	no.	25.9	58.0	139.8	66.2	208.8	74.1

(a) Includes deaths of all children aged 0–4 years.

(b) Although most deaths of Aboriginal and Torres Strait Islander people are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these data are likely to underestimate the Aboriginal and Torres Strait Islander all causes mortality rate.

(c) Data are reported individually by jurisdiction of residence for NSW, Queensland, WA, SA and the NT only. These five states and territories have been included due to there being evidence of sufficient levels of identification and sufficient numbers of deaths to support mortality analysis.

(d) Aboriginal and Torres Strait Islander and non-Indigenous population estimates are available for Census years only. In the intervening years, Aboriginal and Torres Strait Islander population figures are derived from assumptions about past and future levels of fertility, mortality and migration. In the absence of non-Indigenous population figures for these years, it is possible to derive denominators for calculating non-Indigenous rates by subtracting the Aboriginal and Torres Strait Islander population estimates/projections from the total population. In the present table, non-Indigenous population estimates have been derived by subtracting the 2016 Census-based Aboriginal and Torres Strait Islander population estimates/projections from the 2016 Census-based total persons Estimated Resident Population (ERP). Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases. ERP for total population used in calculating non-Indigenous ERP is final for 2016 and earlier years.

(e) Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates.

(f) Data are presented in five-year groupings due to volatility of the small numbers involved.

(g) Deaths prior to 2007 are by year of registration and state/territory of usual residence. Deaths from 2007 onwards are by reference year and state/territory of usual residence. Registration year prior to 2007 is equivalent to reference year 2007 onwards.

(h) Includes deaths of all children aged 0-4 years. Records with not stated age at death have not been prorated across age groups including 0-4 year olds.

(i) Some totals and figures may not compute due to the effects of using different denominators and of rounding.

Table NIRA.6.5 **All causes child (0–4 years) mortality, by Indigenous status, NSW, Queensland, WA, SA, NT, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Unit	*NSW*	*Qld* (k)	*WA*	*SA*	*NT*	*Total* (k), (l)

(j) From 2014, cells with small values have been randomly adjusted to protect confidentiality. Some totals will not equal the sum of their components. Cells with a zero value have not been affected by confidentialisation. See data quality statements for more information.

(k) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(l) Total includes data for NSW, Queensland, WA, SA and the NT only.

(m) For child deaths (0–4 years), the rates represent the number of deaths per 100 000 Estimated Resident Population (0–4 years). Child death rates for this period are the average of death registrations, divided by the average projected Aboriginal and Torres Strait Islander population and the average non-Indigenous population as derived using the total Estimated Resident Population (ERP).

(n) Rate ratio is the Aboriginal and Torres Strait Islander mortality rate divided by the non-Indigenous mortality rate.

(o) Rate difference is the Aboriginal and Torres Strait Islander mortality rate less the non-Indigenous mortality rate.

Source: ABS (unpublished) *Deaths, Australia*, various years; ABS (unpublished) Estimated Resident Population, various years; ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031*, Series B, cat. no. 3238.0.

Table NIRA.6.6 **Mortality rates for selected causes of death, perinatal deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*			*Rate ratio* (m)	*Rate difference* (n)
	Number	*Rate per 1000 relevant births* (k)	*Crude percentage %* (l)	*Number*	*Rate per 1000 relevant births* (k)	*Crude percentage %* (l)		
Main condition in the fetus/infant								
Disorders related to length of gestation and fetal growth (P05–P08)	222	2.7	27.8	1 337	1.3	17.5	2.0	1.4
Respiratory and cardiovascular disorders specific to the perinatal period (P20–P29)	46	0.6	5.8	345	0.3	4.5	1.6	0.2
Infections specific to the perinatal period (P35–P39)	22	0.3	2.8	122	0.1	1.6	2.2	0.1
Other disorders originating in the perinatal period (P90–P96)	332	4.1	41.5	3 722	3.7	48.7	1.1	0.3
Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	113	1.4	14.1	1 610	1.6	21.1	0.9	- 0.2
Other conditions (o)	65	0.8	8.1	505	0.5	6.6	1.6	0.3
Total deaths	**800**	**9.8**	**100.0**	**7 641**	**7.6**	**100.0**	**1.3**	**2.2**
Main condition in the mother, fetus and newborn affected by:								
Maternal conditions that may be unrelated to present pregnancy (P00)	45	0.5	5.6	303	0.3	4.0	1.8	0.2
Maternal complications of pregnancy (P01)	104	1.3	13.0	623	0.6	8.2	2.0	0.6
Complications of placenta, cord and membranes (P02)	102	1.2	12.8	967	1.0	12.7	1.3	0.3
Other complications of labour and delivery and noxious influences transmitted via placenta or breast milk (P03-P04)	42	0.5	5.3	171	0.2	2.2	3.0	0.3
Total deaths (p)	**800**	**9.8**	**100.0**	**7 641**	**7.6**	**100.0**	**1.3**	**2.2**

Table NIRA.6.6 **Mortality rates for selected causes of death, perinatal deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*			*Rate ratio* (m)	*Rate difference* (n)
	Number	*Rate per 1000 relevant births* (k)	*Crude percentage %* (l)	*Number*	*Rate per 1000 relevant births* (k)	*Crude percentage %* (l)		

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in *Causes of Death, Australia, 2018* (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in *Causes of Death, Australia, 2017* (cat. no. 3303.0).

(b) Data are reported individually for NSW, Queensland, WA, SA and the NT only. These five states and territories are considered to have adequate levels of Aboriginal and Torres Strait Islander identification in mortality data. Data for these five jurisdictions over-represent Aboriginal and Torres Strait Islander populations in less urbanised and more remote locations. Mortality data for the five jurisdictions should not be assumed to represent the experience in the other jurisdictions.

(c) Perinatal deaths disaggregated by Indigenous status are not published for SA but are included in national totals. It is recommended these totals be used with caution while the ABS assesses the quality of the SA data.

(d) Deaths where the Aboriginal and Torres Strait Islander status of the deceased was not stated are excluded from analysis.

(e) Perinatal deaths are all fetal deaths (at least 20 weeks gestation or at least 400 grams birth weight) plus all neonatal deaths. See Explanatory notes 80-83 in *Causes of Death, Australia, 2018* (cat. no. 3303.0).

(f) This supply only includes information on registered fetal and neonatal deaths. This scope differs from other Australian data sources on perinatal deaths and caution should be taken from using multiple sources for analysis. See explanatory note 19 and 20 in Causes of Deaths, Australia, 2018 (cat. no. 3303.0) for further information.

(g) Data are presented in 5-year groupings due to volatility of the small numbers involved.

(h) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(i) New South Wales, Queensland and Northern Territory Births, Deaths and Marriages (RBDM) took a number of initiatives in recent years to improve processing systems and timeliness of registrations of births. These issues affected the birth counts of these jurisdictions. Care should therefore be taken when interpreting changes in infant mortality rates for New South Wales, Queensland. Northern Territory and Australia. For more information, see Births data quality statement.

(j) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the *Causes of Death, Australia, 2018* (cat. no. 3303.0) publication.

Table NIRA.6.6 **Mortality rates for selected causes of death, perinatal deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*			*Rate ratio* (m)	*Rate difference* (n)
	Number	*Rate per 1000 relevant births* (k)	*Crude percentage %* (l)	*Number*	*Rate per 1000 relevant births* (k)	*Crude percentage %* (l)		

(k) Crude rates for perinatal deaths represent the number of deaths per 1000 total relevant births which comprises live births and fetal deaths (with at least 20 weeks gestation or at least 400 grams birth weight).

(l) Crude percentage is number of deaths by cause divided by all deaths registered during the five year period. Crude percentages cannot be compared across jurisdictions or across years.

(m) Rate ratio calculated by dividing Aboriginal and Torres Strait Islander rates by non-Indigenous rates.

(n) Rate difference is the Aboriginal and Torres Strait Islander rate less the non-Indigenous rate.

(o) 'Other conditions' consist of all conditions excluding the selected causes displayed in the table.

(p) Includes 'No condition in mother'.

Source: ABS (unpublished) *Causes of Death, Australia, 2018*.

Table NIRA.6.7 **Mortality rates for selected causes of death, infant deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*				
	Number	*Rate per 1000 live births* (j)	*Crude percentage %* (k)	*Number*	*Rate per 1000 live births* (j)	*Crude percentage %* (k)	*Rate ratio* (l)	*Rate difference* (m)
Certain conditions originating in the perinatal period (P00–P96)	294	3.6	57.2	1 694	1.7	55.2	2.1	1.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)	75	0.9	14.6	276	0.3	9.0	3.3	0.6
Sudden infant death syndrome (R95) (n)	24	0.3	4.7	93	0.1	3.0	3.2	0.2
Sudden unexpected death in infancy (R99) (n)	51	0.6	9.9	183	0.2	6.0	3.4	0.4
Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	71	0.9	13.8	739	0.7	24.1	1.2	0.1
Diseases of the respiratory system (J00-J99)	13	0.2	2.5	45	–	1.5	3.5	0.1
External causes of morbidity and mortality (V01–Y98)	24	0.3	4.7	75	0.1	2.4	3.9	0.2
Certain infectious and parasitic diseases (A00–B99)	14	0.2	2.7	34	–	1.1	5.0	0.1
Diseases of the circulatory system (I00–I99)	6	0.1	1.2	43	–	1.4	1.7	–
Other causes (o)	17	0.2	3.3	162	0.2	5.3	1.3	–
All causes	**514**	**6.3**	**100.0**	**3 068**	**3.1**	**100.0**	**2.1**	**3.2**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in *Causes of Death, Australia, 2018* (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in *Causes of Death, Australia, 2017* (cat. no. 3303.0).

(b) Data are reported individually for NSW, Queensland, WA, SA and the NT only. These five states and territories are considered to have adequate levels of Aboriginal and Torres Strait Islander identification in mortality data. Data for these five jurisdictions over-represent Aboriginal and Torres Strait Islander populations in less urbanised and more remote locations. Mortality data for the five jurisdictions should not be assumed to represent the experience in the other jurisdictions.

Table NIRA.6.7 **Mortality rates for selected causes of death, infant deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*				
	Number	*Rate per 1000 live births* (j)	*Crude percentage %* (k)	*Number*	*Rate per 1000 live births* (j)	*Crude percentage %* (k)	*Rate ratio* (l)	*Rate difference* (m)

(c) Although most deaths of Aboriginal and Torres Strait Islander infants are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these statistics are likely to underestimate Aboriginal and Torres Strait Islander infant deaths and, depending on the under-identification in births, may either underestimate or overestimate the rates. Different causes of death may have levels of completeness of identification of Aboriginal and Torres Strait Islander deaths that differ from the all-cause under-identification (coverage) estimates.

(d) Data are presented in 5-year groupings because of small numbers each year. For rate calculations, the numerator is the average of the total number of deaths and the denominator is births for the mid-point year for the time period.

(e) Because of changes in the level of accuracy of Indigenous identification in the births and deaths data over time, caution should be used in interpreting changes in Indigenous infant mortality rates. It is also difficult to exactly identify the difference between the Indigenous and non-Indigenous infant mortality rates because of these data quality issues.

(f) Deaths where the Aboriginal and Torres Strait Islander status of the deceased was not stated are excluded from analysis.

(g) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(h) New South Wales, Queensland and Northern Territory Births, Deaths and Marriages (RBDM) took a number of initiatives in recent years to improve processing systems and timeliness of registrations of births. These issues affected the birth counts of these jurisdictions. Care should therefore be taken when interpreting changes in infant mortality rates for New South Wales, Queensland. Northern Territory and Australia. For more information, see Births data quality statement.

(i) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the *Causes of Death, Australia, 2018* (cat. no. 3303.0) publication.

(j) For infant deaths (less than one year), crude rates represent the number of deaths per 1000 live births.

(k) Crude percentage is number of deaths by cause divided by all deaths registered during the five year period. Crude percentages cannot be compared across jurisdictions or across years.

(l) Rate ratio is the mortality rate for Aboriginal and Torres Strait Islander Australians divided by the mortality rate for non-Indigenous Australians

(m) Rate difference is the mortality rate for Aboriginal and Torres Strait Islander Australians minus the mortality rate for non-Indigenous Australians.

(n) Data presented for SIDS and SUDI are a subset of data presented for signs, symptoms and ill-defined conditions presented in this table. ICD-10 code R95 pertains to Sudden Infant Death Syndrome. ICD-10 code R99 pertains to Other ill-defined and unspecified causes of mortality. Infant deaths due to R99 include those deaths for which Sudden unexpected death in infancy (SUDI) is recorded on the death certificate. Data in this table is for deaths of those under 1 year of age.

Table NIRA.6.7 **Mortality rates for selected causes of death, infant deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*				
	Number	*Rate per 1000 live births* (j)	*Crude percentage %* (k)	*Number*	*Rate per 1000 live births* (j)	*Crude percentage %* (k)	*Rate ratio* (l)	*Rate difference* (m)

(o) Other causes include: neoplasms; diseases of blood and blood-forming organs; endocrine, nutritional and metabolic diseases; mental and behavioural disorders; diseases of the nervous system; diseases of the eye and adnexa; diseases of the ear and mastoid process; diseases of the digestive system; diseases of the musculoskeletal system and connective tissues; diseases of the genitourinary system; and diseases of the skin and subcutaneous tissue.

– Nil or rounded to zero.

Source: ABS (unpublished) *Causes of Death, Australia, 2018*; ABS (unpublished) *Births, Australia*, various years.

Table NIRA.6.8 **Mortality rates for selected causes of death, children (1–4 years) deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*			*Rate ratio* (o)	*Rate difference* (p)
	Number	*Rate per 100 000 (m)*	*Crude percentage %* (n)	*Number*	*Rate per 100 000 (m)*	*Crude percentage %* (n)		
Certain conditions originating in the perinatal period (P00-P96)	4	np	np	10	0.2	1.7	np	np
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)	2	np	np	35	0.8	5.8	np	np
Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	2	np	np	51	1.2	8.4	np	np
Injury & poisoning (V01–Y98)	44	13.3	49.4	196	4.8	32.5	2.8	8.5
Diseases of the respiratory system (J00–J99)	6	1.8	6.7	50	1.2	8.3	1.5	0.6
Diseases of the nervous system (G00–G99)	6	1.8	6.7	62	1.5	10.3	1.2	0.3
Certain infectious and parasitic diseases (A00–B99)	7	2.1	7.9	39	0.9	6.5	2.2	1.2
Diseases of the circulatory system (I00–I99)	1	np	np	22	0.5	3.6	np	np
Other causes (q)	13	3.9	14.6	139	3.4	23.0	1.2	0.6
All causes	**89**	**26.9**	**100.0**	**604**	**14.7**	**100.0**	**1.8**	**12.2**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in *Causes of Death, Australia, 2018* (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in *Causes of Death, Australia, 2017* (cat. no. 3303.0).

(b) Data are reported individually for NSW, Queensland, WA, SA and the NT only. These five states and territories are considered to have adequate levels of Aboriginal and Torres Strait Islander identification in mortality data. Data for these five jurisdictions over-represent Aboriginal and Torres Strait Islander populations in less urbanised and more remote locations. Mortality data for the five jurisdictions should not be assumed to represent the experience in the other jurisdictions.

Table NIRA.6.8 **Mortality rates for selected causes of death, children (1–4 years) deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*			*Rate ratio* (o)	*Rate difference* (p)
	Number	*Rate per 100 000 (m)*	*Crude percentage %* (n)	*Number*	*Rate per 100 000 (m)*	*Crude percentage %* (n)		

(c) Although most deaths of Aboriginal and Torres Strait Islander children are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these statistics are likely to underestimate Aboriginal and Torres Strait Islander child mortality and, depending on the under-identification in births, may either underestimate or overestimate the rates. Different causes of death may have levels of completeness of identification of Aboriginal and Torres Strait Islander deaths that differ from the all-cause under-identification.

(d) Because of changes in the level of accuracy of Aboriginal and Torres Strait Islander identification in the births and deaths data over time, caution should be used in interpreting changes in Aboriginal and Torres Strait Islander infant mortality rates. It is also difficult to exactly identify the difference between the Aboriginal and Torres Strait Islander and non-Indigenous child mortality rates because of these data quality issues.

(e) Data are presented in 5-year groupings because of small numbers each year.

(f) Includes all deaths of children aged 1-4 years.

(g) These data exclude 11 registered deaths where the Indigenous status was not stated over the period 2014-2018.

(h) Data cells with small values have been randomly assigned to protect the confidentiality of individuals. As a result, some totals will not equal the sum of their components. It is important to note that cells with a zero value have not been affected by confidentialisation.

(i) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(j) From 2016 reference year, deaths with not stated age have not been prorated.

(k) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the *Causes of Death, Australia, 2018* (cat. no. 3303.0) publication.

(l) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in Causes of Death, Australia, 2018.

(m) For child deaths (aged 1 to 4 years), crude rates represent the average number of deaths over the 5-year time period divided by the average of the 5 years of ERP, per 100 000.

(n) Crude percentage is number of deaths by cause divided by all deaths registered during the five year period. Crude percentages cannot be compared across jurisdictions or across years.

(o) Rate ratio is the mortality rate for Aboriginal and Torres Strait Islander Australians divided by the mortality rate for non-Indigenous Australians.

Table NIRA.6.8 **Mortality rates for selected causes of death, children (1–4 years) deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*			*Rate ratio* (o)	*Rate difference* (p)
	Number	*Rate per 100 000 (m)*	*Crude percentage %* (n)	*Number*	*Rate per 100 000 (m)*	*Crude percentage %* (n)		

(p) Rate difference is the mortality rate for Aboriginal and Torres Strait Islander Australians minus the mortality rate for non-Indigenous Australians.

(q) Other conditions include: neoplasms; diseases of blood and blood-forming organs; endocrine, nutritional and metabolic diseases; mental and behavioural disorders; diseases of the eye and adnexa; diseases of the ear and mastoid process; diseases of the digestive system; diseases of the musculoskeletal system and connective tissues; diseases of the genitourinary system; and diseases of the skin and subcutaneous tissue.

np Not published.

Source: ABS (unpublished) *Causes of Death, Australia, 2018*.

Table NIRA.6.9 **Mortality rates for selected causes of death, children (0–4 years) deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*			*Rate ratio* (o)	*Rate difference* (p)
	Number	*Rate per 100 000* (m)	*Crude percentage %* (n)	*Number*	*Rate per 100 000* (m)	*Crude percentage %* (n)		
Certain infectious and parasitic diseases (A00–B99)	21	5.1	3.5	73	1.4	2.0	3.6	3.6
Diseases of the circulatory system (I00–I99)	8	1.9	1.3	65	1.3	1.8	1.5	0.7
Diseases of the respiratory system (J00–J99)	19	4.6	3.2	95	1.9	2.6	2.5	2.7
Certain conditions originating in the perinatal period (P00–P96)	297	71.7	49.3	1 704	33.2	46.4	2.2	38.5
Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	75	18.1	12.4	790	15.4	21.5	1.2	2.7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)	79	19.1	13.1	311	6.1	8.5	3.1	13.0
External causes of morbidity and mortality (V01–Y98)	68	16.4	11.3	271	5.3	7.4	3.1	11.1
Diseases of the nervous system (G00–G99)	14	3.4	2.3	144	2.8	3.9	1.2	0.6
Other causes (q)	22	5.3	3.6	219	4.3	6.0	1.2	1.0
All causes	**603**	**145.6**	**100.0**	**3 672**	**71.6**	**100.0**	**2.0**	**74.1**

(a) All causes of death data from 2006 onward are subject to a revisions process - once data for a reference year are 'final', they are no longer revised. Affected data in this table are: 2014-2015 (final), 2016 (revised), 2017 and 2018 (preliminary). See Explanatory Notes 59-62 in *Causes of Death, Australia, 2018* (cat. no. 3303.0) and 2015 Final Data (Technical Note) and 2016 Revised Data (Technical Note) in *Causes of Death, Australia, 2017* (cat. no. 3303.0).

(b) Data are reported individually for NSW, Queensland, WA, SA and the NT only. These five states and territories are considered to have adequate levels of Aboriginal and Torres Strait Islander identification in mortality data. Data for these five jurisdictions over-represent Aboriginal and Torres Strait Islander populations in less urbanised and more remote locations. Mortality data for the five jurisdictions should not be assumed to represent the experience in the other jurisdictions.

Table NIRA.6.9 **Mortality rates for selected causes of death, children (0–4 years) deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*			*Rate ratio* (o)	*Rate difference* (p)
	Number	*Rate per 100 000* (m)	*Crude percentage %* (n)	*Number*	*Rate per 100 000* (m)	*Crude percentage %* (n)		

(c) Although most deaths of Aboriginal and Torres Strait Islander children are registered, it is likely that some are not accurately identified as Aboriginal and Torres Strait Islander. Therefore, these statistics are likely to underestimate Aboriginal and Torres Strait Islander child deaths and, depending on the under-identification in births, may either underestimate or overestimate the rates. Different causes of death may have levels of completeness of identification of Aboriginal and Torres Strait Islander deaths that differ from the all-cause under-identification (coverage) estimates.

(d) Because of changes in the level of accuracy of Aboriginal and Torres Strait Islander identification in the births and deaths data over time, caution should be used in interpreting changes in Aboriginal and Torres Strait Islander child mortality rates. It is also difficult to exactly identify the difference between the Aboriginal and Torres Strait Islander and non-Indigenous child mortality rates because of these data quality issues.

(e) Data are presented in 5-year groupings because of small numbers each year.

(f) Includes all deaths of children aged 0-4 years.

(g) These data exclude 73 registered deaths where the Indigenous status was not stated over the period 2014-2018.

(h) From 2015, deaths data provided by the Queensland Registry of Births, Deaths and Marriages (RBDM) include information resulting in an increase in the number of deaths identified as Aboriginal and Torres Strait Islander in Queensland.

(i) From 2016 reference year, deaths with not stated age have not been prorated.

(j) Aboriginal and Torres Strait Islander and non-Indigenous population estimates are available for census years only. In the intervening years, Aboriginal and Torres Strait Islander population figures are derived from assumptions about past and future levels of fertility, mortality and migration. In the absence of non-Indigenous population figures for these years, it is possible to derive denominators for calculating non-Indigenous rates by subtracting the projected Aboriginal and Torres Strait Islander population from the ERP for the total population. Such figures have a degree of uncertainty and should be used with caution, particularly as the time from the base year of the projection series increases.

(k) Changes in coding processes have been applied to 2018 data. See Technical Note Updates to Iris coding software: Implementing WHO updates and improvements in coding processes, in the *Causes of Death, Australia, 2018* (cat. no. 3303.0) publication.

(l) A derived Estimated Resident Population (ERP) based on the 2016 Census is used in the calculation of total population rates. Non-Indigenous ERP was derived by subtracting Aboriginal and Torres Strait Islander projections based on the 2016 Census (3238.0) from the total population ERP. Population estimates from Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031 (Cat. no. 3238.0) (based on the 2016 Census) are used to calculate Aboriginal and Torres Strait Islander rates. See Explanatory Note 49 in *Causes of Death, Australia, 2018* .

(m) For child deaths (aged 0 to 4 years), crude rates represent the average number of deaths over the 5-year time period divided by the average of the 5 years of ERP, per 100 000.

Table NIRA.6.9 **Mortality rates for selected causes of death, children (0–4 years) deaths, 2014–2018 (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l)**

	Aboriginal and Torres Strait Islander			*Non-Indigenous*			*Rate ratio* (o)	*Rate difference* (p)
	Number	*Rate per 100 000* (m)	*Crude percentage %* (n)	*Number*	*Rate per 100 000* (m)	*Crude percentage %* (n)		

(n) Crude percentage is number of deaths by cause divided by all deaths registered during the five year period. Crude percentages cannot be compared across jurisdictions or across years.

(o) Rate ratio is the mortality rate for Aboriginal and Torres Strait Islander Australians divided by the mortality rate for non-Indigenous Australians.

(p) Rate difference is the mortality rate for Aboriginal and Torres Strait Islander Australians minus the mortality rate for non-Indigenous Australians.

(q) Other conditions include: neoplasms; diseases of blood and blood-forming organs; endocrine, nutritional and metabolic diseases; mental and behavioural disorders; diseases of the eye and adnexa; diseases of the ear and mastoid process; diseases of the digestive system; diseases of the musculoskeletal system and connective tissues; diseases of the genitourinary system; and diseases of the skin and subcutaneous tissue.

Source: ABS (unpublished) *Causes of Death, Australia, 2018* .

NIRA Indicator 7:

Proportion of babies born of low birthweight

Table NIRA.7.1 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother, 2017 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (d)	*ACT* (d)	*NT*	*Aust*
Number of low birthweight babies (<2,500g)										
Aboriginal and Torres Strait Islander	no.	379	106	411	222	88	31	14	164	1 415
Non-Indigenous	no.	4 187	3 668	2 722	1 555	939	311	257	129	13 768
Total (e)	**no.**	**4 577**	**3 787**	**3 134**	**1 778**	**1 027**	**346**	**272**	**293**	**15 214**
Number of live births										
Aboriginal and Torres Strait Islander	no.	4 201	909	4 006	1 753	734	310	104	1 183	13 200
Non-Indigenous	no.	89 390	72 027	54 067	31 782	19 126	4 969	5 198	2 991	279 550
Total (e)	**no.**	**94 006**	**73 137**	**58 078**	**33 539**	**19 862**	**5 396**	**5 311**	**4 176**	**293 505**
Proportion of babies with low birthweight										
Aboriginal and Torres Strait Islander	%	9.0	11.7	10.3	12.7	12.0	10.0	13.5	13.9	10.7
Non-Indigenous	%	4.7	5.1	5.0	4.9	4.9	6.3	4.9	4.3	4.9
Total (e)	**%**	**4.9**	**5.2**	**5.4**	**5.3**	**5.2**	**6.4**	**5.1**	**7.0**	**5.2**
Variability bands for rate										
Aboriginal and Torres Strait Islander	±	0.9	2.1	0.9	1.6	2.4	3.3	6.6	2.0	0.5
Non-Indigenous	±	0.1	0.2	0.2	0.2	0.3	0.7	0.6	0.7	0.1
Total (e)	**±**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.7**	**0.6**	**0.8**	**0.1**
Rate ratio (f)	no.	1.9	2.3	2.0	2.6	2.4	1.6	2.7	3.2	2.2
Rate difference (g)	no.	4.3	6.6	5.2	7.8	7.1	3.7	8.5	9.6	5.8

(a) Data relate to live births. Data exclude multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection.

(b) Data are by place of usual residence of the mother. Data exclude Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published here by place of residence.

Table NIRA.7.1 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother, 2017 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (d)	*ACT* (d)	*NT*	*Aust*

(d) Birthweight data on babies born to Aboriginal and Torres Strait Islander mothers residing in Tas and the ACT should be viewed with caution as they are based on small numbers of births.

(e) Includes births to mothers whose Aboriginal and Torres Strait Islander status was not stated.

(f) Rate ratio is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight divided by the proportion of non-Indigenous babies with low birthweight.

(g) Rate difference is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight less the proportion of non-Indigenous babies with low birthweight.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.7.2 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother and remoteness, 2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Proportion of babies with low birthweight										
Aboriginal and Torres Strait Islander										
Major cities	%	8.7	10.0	9.5	13.9	12.7	..	13.7	..	10.2
Inner regional	%	9.1	11.2	10.3	14.5	np	10.2	–	..	10.0
Outer regional	%	9.4	18.4	10.5	10.5	12.3	10.3	..	11.4	10.8
Remote	%	11.1	np	11.4	11.3	np	np	..	12.9	11.7
Very remote	%	np	..	11.3	12.7	np	–	..	14.2	12.8
Non-Indigenous										
Major cities	%	4.7	5.1	4.9	4.9	4.9	..	5.0	..	4.9
Inner regional	%	4.6	5.1	5.4	4.5	5.0	6.8	–	..	5.1
Outer regional	%	4.5	4.4	5.4	5.4	5.2	5.1	..	4.6	5.0
Remote	%	4.5	np	4.9	3.9	3.3	np	..	3.9	4.1
Very remote	%	np	..	4.7	6.0	np	np	..	np	4.9
Total (g)										
Major cities	**%**	**4.8**	**5.2**	**5.0**	**5.1**	**5.1**	**..**	**5.2**	**..**	**5.0**
Inner regional	**%**	**5.0**	**5.3**	**5.8**	**5.0**	**5.2**	**6.9**	**–**	**..**	**5.4**
Outer regional	**%**	**5.2**	**5.1**	**6.2**	**5.9**	**5.9**	**5.4**	**..**	**5.4**	**5.7**
Remote	**%**	**6.6**	**np**	**6.6**	**5.5**	**3.9**	**np**	**..**	**6.0**	**5.8**
Very remote	**%**	**np**	**..**	**7.6**	**9.4**	**4.7**	**np**	**..**	**12.3**	**9.3**
Variability bands for rate										
Aboriginal and Torres Strait Islander										
Major cities	±	1.3	2.9	1.7	2.7	3.5	..	6.7	..	0.9
Inner regional	±	1.4	3.3	2.0	6.3	np	4.3	–	..	1.1
Outer regional	±	2.1	6.5	1.7	3.7	4.6	5.6	..	3.9	1.1
Remote	±	5.5	np	3.8	3.7	np	np	..	3.9	2.0
Very remote	±	np	..	3.1	3.1	np	–	..	2.7	1.6

Table NIRA.7.2 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother and remoteness, 2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Non-Indigenous										
Major cities	±	0.2	0.2	0.2	0.3	0.4	..	0.6	..	0.1
Inner regional	±	0.3	0.4	0.4	0.8	0.9	0.8	–	..	0.2
Outer regional	±	0.6	0.8	0.5	1.0	1.0	1.2	..	0.9	0.3
Remote	±	2.5	np	1.6	1.2	1.6	np	..	1.3	0.6
Very remote	±	np	..	1.9	2.2	np	np	..	np	1.2
Total (g)										
Major cities	**±**	**0.2**	**0.2**	**0.2**	**0.3**	**0.4**	**..**	**0.6**	**..**	**0.1**
Inner regional	**±**	**0.3**	**0.4**	**0.4**	**0.8**	**0.9**	**0.8**	**–**	**..**	**0.2**
Outer regional	**±**	**0.6**	**0.9**	**0.5**	**0.9**	**1.0**	**1.1**	**..**	**0.9**	**0.3**
Remote	**±**	**2.5**	**np**	**1.5**	**1.2**	**1.6**	**np**	**..**	**1.4**	**0.7**
Very remote	**±**	**np**	**..**	**1.7**	**1.9**	**3.0**	**np**	**..**	**2.4**	**1.1**

(a) Data relate to live births. Data excludes multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection. The denominator is the total number of live births in each remoteness and Indigenous category. A small number of births were missing the remoteness classification and hence were excluded.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published here by place of residence.

(d) Results based on very small numbers (fewer than 5 events) are not published (np).

(e) Results based on denominators of less than 100 are not published (np) for reliability reasons.

(f) Birthweight data on babies born to Aboriginal and Torres Strait Islander mothers residing in Tas and the ACT should be viewed with caution as they are based on small numbers of births.

(g) Includes births to mothers whose Aboriginal and Torres Strait Islander status was not stated.

– Nil or rounded to zero. .. Not applicable. **np** Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.7.3 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the baby, 2017 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (d)	*ACT* (d)	*NT*	*Aust*
Number of low birthweight babies (<2,500g)										
Aboriginal and Torres Strait Islander	no.	425	137	476	259	102	31	15	168	1 613
Non-Indigenous	no.	3 943	3 585	2 656	1 518	922	307	256	124	13 311
Total (e)	**no.**	**4 577**	**3 787**	**3 134**	**1 778**	**1 027**	**346**	**272**	**293**	**15 214**
Number of live births										
Aboriginal and Torres Strait Islander	no.	5 015	1 402	4 948	2 216	946	305	140	1 331	16 303
Non-Indigenous	no.	87 427	71 173	53 115	31 318	18 797	4 878	5 164	2 839	274 711
Total (e)	**no.**	**94 006**	**73 137**	**58 078**	**33 539**	**19 862**	**5 396**	**5 311**	**4 176**	**293 505**
Proportion of babies with low birthweight										
Aboriginal and Torres Strait Islander	%	8.5	9.8	9.6	11.7	10.8	10.2	10.7	12.6	9.9
Non-Indigenous	%	4.5	5.0	5.0	4.8	4.9	6.3	5.0	4.4	4.8
Total (e)	**%**	**4.9**	**5.2**	**5.4**	**5.3**	**5.2**	**6.4**	**5.1**	**7.0**	**5.2**
Variability bands for rate										
Aboriginal and Torres Strait Islander	±	0.8	1.6	0.8	1.3	2.0	3.4	5.1	1.8	0.5
Non-Indigenous	±	0.1	0.2	0.2	0.2	0.3	0.7	0.6	0.8	0.1
Total (e)	**±**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.7**	**0.6**	**0.8**	**0.1**
Rate ratio (f)	no.	1.9	1.9	1.9	2.4	2.2	1.6	2.2	2.9	2.0
Rate difference (g)	no.	4.0	4.7	4.6	6.8	5.9	3.9	5.8	8.3	5.0

(a) Data relate to live births. Data excludes multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published here by place of residence.

Table NIRA.7.3 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the baby, 2017 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (d)	*ACT* (d)	*NT*	*Aust*

(d) Birthweight data on Aboriginal and Torres Strait Islander babies born to mothers residing in Tas and the ACT should be viewed with caution as they are based on small numbers of births.

(e) Includes babies whose Aboriginal and Torres Strait Islander status was not stated.

(f) Rate ratio is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight divided by the proportion of non-Indigenous babies with low birthweight.

(g) Rate difference is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight less the proportion of non-Indigenous babies with low birthweight.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.7.4 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the baby and remoteness, 2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Proportion of babies with low birthweight										
Aboriginal and Torres Strait Islander										
Major cities	%	8.4	9.7	9.3	12.3	10.8	..	10.9	..	9.7
Inner regional	%	8.5	8.6	9.0	12.2	np	12.2	–	..	9.0
Outer regional	%	8.1	13.4	9.6	10.3	11.6	np	..	9.1	9.5
Remote	%	9.6	np	11.4	10.1	np	np	..	11.6	10.7
Very remote	%	np	..	11.1	12.6	np	–	..	14.0	12.7
Non-Indigenous										
Major cities	%	4.5	5.1	4.9	4.9	4.9	..	5.0	..	4.8
Inner regional	%	4.4	5.1	5.4	4.6	5.0	6.7	–	..	5.0
Outer regional	%	4.2	4.3	5.4	5.2	5.0	5.4	..	4.6	4.9
Remote	%	4.6	np	4.7	3.9	3.2	np	..	3.9	4.1
Very remote	%	np	..	4.7	5.7	np	np	..	np	4.7
Total (g)										
Major cities	**%**	**4.8**	**5.2**	**5.0**	**5.1**	**5.1**	**..**	**5.2**	**..**	**5.0**
Inner regional	**%**	**5.0**	**5.3**	**5.8**	**5.0**	**5.2**	**6.9**	**–**	**..**	**5.4**
Outer regional	**%**	**5.2**	**5.1**	**6.2**	**5.9**	**5.9**	**5.4**	**..**	**5.4**	**5.7**
Remote	**%**	**6.6**	**np**	**6.6**	**5.5**	**3.9**	**np**	**..**	**6.0**	**5.8**
Very remote	**%**	**np**	**..**	**7.6**	**9.4**	**4.7**	**np**	**..**	**12.3**	**9.3**
Variability bands for rate										
Aboriginal and Torres Strait Islander										
Major cities	±	1.2	2.3	1.4	2.1	2.7	..	5.2	..	0.8
Inner regional	±	1.2	2.4	1.6	5.4	np	4.5	–	..	0.9
Outer regional	±	1.8	4.7	1.5	3.2	4.1	np	..	3.0	0.9
Remote	±	4.8	np	3.7	3.2	np	np	..	3.6	1.8
Very remote	±	np	..	3.0	3.0	np	–	..	2.7	1.6

Table NIRA.7.4 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the baby and remoteness, 2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Non-Indigenous										
Major cities	±	0.2	0.2	0.2	0.3	0.4	..	0.6	..	0.1
Inner regional	±	0.3	0.4	0.5	0.8	0.9	0.8	–	..	0.2
Outer regional	±	0.6	0.8	0.5	1.0	1.0	1.2	..	1.0	0.3
Remote	±	2.6	np	1.6	1.2	1.6	np	..	1.3	0.7
Very remote	±	np	..	1.9	2.2	np	np	..	np	1.2
Total (g)										
Major cities	**±**	**0.2**	**0.2**	**0.2**	**0.3**	**0.4**	**..**	**0.6**	**..**	**0.1**
Inner regional	**±**	**0.3**	**0.4**	**0.4**	**0.8**	**0.9**	**0.8**	**–**	**..**	**0.2**
Outer regional	**±**	**0.6**	**0.9**	**0.5**	**0.9**	**1.0**	**1.1**	**..**	**0.9**	**0.3**
Remote	**±**	**2.5**	**np**	**1.5**	**1.2**	**1.6**	**np**	**..**	**1.4**	**0.7**
Very remote	**±**	**np**	**..**	**1.7**	**1.9**	**3.0**	**np**	**..**	**2.4**	**1.1**

(a) Data relate to live births. Data excludes multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection. The denominator is the total number of live births in each remoteness and Indigenous category. A small number of births were missing the remoteness classification and hence were excluded.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published here by place of residence.

(d) Results based on very small numbers (fewer than 5 events) are not published (np).

(e) Results based on denominators of less than 100 are not published (np) for reliability reasons.

(f) Birthweight data on Aboriginal and Torres Strait Islander babies born to mothers residing in Tas and the ACT should be viewed with caution as they are based on small numbers of births.

(g) Includes babies whose Aboriginal and Torres Strait Islander status was not stated.

– Nil or rounded to zero. .. Not applicable. **np** Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.7.5 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother, 2015–2017 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (d)	*ACT* (d)	*NT*	*Aust*
Number of low birthweight babies (<2,500g)										
Aboriginal and Torres Strait Islander	no.	1 107	287	1 140	657	237	90	39	535	4 092
Non-Indigenous	no.	12 590	11 108	8 109	4 478	2 825	959	736	364	41 169
Total (e)	**no.**	**13 727**	**11 445**	**9 253**	**5 136**	**3 063**	**1 060**	**783**	**899**	**45 366**
Number of live births										
Aboriginal and Torres Strait Islander	no.	12 195	2 785	11 898	5 188	2 185	923	314	3 707	39 195
Non-Indigenous	no.	271 918	221 472	166 275	96 581	56 236	15 345	15 921	8 231	851 979
Total (e)	**no.**	**285 090**	**224 939**	**178 187**	**101 773**	**58 426**	**16 601**	**16 268**	**11 940**	**893 224**
Proportion of babies with low birthweight										
Aboriginal and Torres Strait Islander	%	9.1	10.3	9.6	12.7	10.8	9.8	12.4	14.4	10.4
Non-Indigenous	%	4.6	5.0	4.9	4.6	5.0	6.2	4.6	4.4	4.8
Total (e)	**%**	**4.8**	**5.1**	**5.2**	**5.0**	**5.2**	**6.4**	**4.8**	**7.5**	**5.1**
Variability bands for rate										
Aboriginal and Torres Strait Islander	±	0.5	1.1	0.5	0.9	1.3	1.9	3.6	1.1	0.3
Non-Indigenous	±	0.1	0.1	0.1	0.1	0.2	0.4	0.3	0.4	–
Total (e)	**±**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.4**	**0.3**	**0.5**	**–**
Rate ratio (f)	no.	2.0	2.1	2.0	2.7	2.2	1.6	2.7	3.3	2.2
Rate difference (g)	no.	4.4	5.3	4.7	8.0	5.8	3.5	7.8	10.0	5.6

(a) Data relate to live births. Data excludes multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published here by place of residence.

Table NIRA.7.5 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother, 2015–2017 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (d)	*ACT* (d)	*NT*	*Aust*

(d) Birthweight data on Aboriginal and Torres Strait Islander babies born to mothers residing in Tas and the ACT should be viewed with caution as they are based on small numbers of births.

(e) Includes births to mothers whose Aboriginal and Torres Strait Islander status was not stated.

(f) Rate ratio is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight divided by the proportion of non-Indigenous babies with low birthweight.

(g) Rate difference is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight less the proportion of non-Indigenous babies with low birthweight.

– Nil or rounded to zero.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.7.6 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother and remoteness, 2015–2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Proportion of babies with low birthweight										
Aboriginal and Torres Strait Islander										
Major cities	%	8.7	9.2	8.8	13.1	10.6	..	11.6	..	9.6
Inner regional	%	9.2	10.3	8.6	15.3	8.3	10.8	np	..	9.5
Outer regional	%	9.5	13.4	10.4	11.7	12.1	8.5	..	11.7	10.6
Remote	%	9.0	np	12.1	10.7	7.3	np	..	15.1	11.8
Very remote	%	15.4	..	9.1	13.7	12.3	np	..	14.8	13.0
Non-Indigenous										
Major cities	%	4.6	5.1	4.8	4.8	5.1	..	4.6	..	4.8
Inner regional	%	4.7	4.9	5.1	4.2	4.9	6.4	6.4	..	4.9
Outer regional	%	4.6	4.4	5.0	4.6	5.1	5.9	..	4.7	4.8
Remote	%	4.2	np	4.8	3.4	3.8	6.2	..	3.9	4.0
Very remote	%	5.4	..	4.6	4.2	3.3	np	..	2.8	4.3
Variability bands for rate										
Aboriginal and Torres Strait Islander										
Major cities	±	0.8	1.6	0.9	1.5	1.8	..	3.6	..	0.5
Inner regional	±	0.8	1.9	1.1	3.9	4.1	2.6	np	..	0.6
Outer regional	±	1.3	3.1	1.0	2.2	2.7	2.9	..	2.3	0.6
Remote	±	3.0	np	2.2	1.9	4.5	np	..	2.6	1.1
Very remote	±	5.7	..	1.6	2.0	4.1	np	..	1.5	0.9
Non-Indigenous										
Major cities	±	0.1	0.1	0.1	0.2	0.2	..	0.3	..	0.1
Inner regional	±	0.2	0.2	0.2	0.4	0.6	0.5	3.7	..	0.1
Outer regional	±	0.4	0.5	0.3	0.5	0.6	0.7	..	0.5	0.2
Remote	±	1.3	np	0.9	0.6	1.0	3.4	..	0.9	0.4
Very remote	±	3.5	..	1.1	1.1	1.9	np	..	1.7	0.7

Table NIRA.7.6 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother and remoteness, 2015–2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Rate ratio (g)										
Major cities	no.	1.9	1.8	1.8	2.7	2.1	..	2.5	..	2.0
Inner regional	no.	2.0	2.1	1.7	3.7	1.7	1.7	np	..	1.9
Outer regional	no.	2.1	3.0	2.1	2.5	2.4	1.4	..	2.5	2.2
Remote	no.	2.1	np	2.5	3.2	1.9	np	..	3.8	3.0
Very remote	no.	2.9	..	2.0	3.2	3.8	np	..	5.3	3.0
Rate difference (h)										
Major cities	no.	4.1	4.1	4.0	8.3	5.5	..	7.0	..	4.8
Inner regional	no.	4.6	5.5	3.6	11.1	3.4	4.5	np	..	4.6
Outer regional	no.	4.9	9.0	5.5	7.1	7.0	2.5	..	7.1	5.8
Remote	no.	4.8	np	7.3	7.3	3.5	np	..	11.1	7.8
Very remote	no.	10.0	..	4.5	9.5	9.0	np	..	12.0	8.7

(a) Data relate to live births. Data excludes multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection. The denominator is the total number of live births in each remoteness and Indigenous category. A small number of births were missing the remoteness classification and hence were excluded.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published here by place of residence.

(d) Results based on very small numbers (fewer than 5 events) are not published (np).

(e) Results based on denominators of less than 100 are not published (np) for reliability reasons.

(f) Birthweight data on babies born to Aboriginal and Torres Strait Islander mothers residing in Tas and the ACT should be viewed with caution as they are based on small numbers of births.

(g) Rate ratio is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight divided by the proportion of non-Indigenous babies with low birthweight.

(h) Rate difference is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight less the proportion of non-Indigenous babies with low birthweight.

Table NIRA.7.6 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother and remoteness, 2015–2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*

.. Not applicable. **np** Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.7.7 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the baby, 2015–2017 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (d)	*ACT* (d)	*NT*	*Aust*
Number of low birthweight babies (<2,500g)										
Aboriginal and Torres Strait Islander	no.	1 284	354	1 288	766	290	94	46	555	4 677
Non-Indigenous	no.	12 039	10 934	7 931	4 369	2 767	944	733	343	40 060
Total (e)	**no.**	**13 727**	**11 445**	**9 253**	**5 136**	**3 063**	**1 060**	**783**	**899**	**45 366**
Number of live births										
Aboriginal and Torres Strait Islander	no.	15 129	4 030	14 242	6 529	2 923	997	419	4 105	48 374
Non-Indigenous	no.	266 312	219 613	163 596	95 239	55 271	15 094	15 832	7 824	838 781
Total (e)	**no.**	**285 090**	**224 939**	**178 187**	**101 773**	**58 426**	**16 601**	**16 268**	**11 940**	**893 224**
Proportion of babies with low birthweight										
Aboriginal and Torres Strait Islander	%	8.5	8.8	9.0	11.7	9.9	9.4	11.0	13.5	9.7
Non-Indigenous	%	4.5	5.0	4.8	4.6	5.0	6.3	4.6	4.4	4.8
Total (e)	**%**	**4.8**	**5.1**	**5.2**	**5.0**	**5.2**	**6.4**	**4.8**	**7.5**	**5.1**
Variability bands for rate										
Aboriginal and Torres Strait Islander	±	0.4	0.9	0.5	0.8	1.1	1.8	3.0	1.0	0.3
Non-Indigenous	±	0.1	0.1	0.1	0.1	0.2	0.4	0.3	0.5	–
Total (e)	**±**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.4**	**0.3**	**0.5**	**–**
Rate ratio (f)	no.	1.9	1.8	1.9	2.6	2.0	1.5	2.4	3.1	2.0
Rate difference (g)	no.	4.0	3.8	4.2	7.1	4.9	3.2	6.3	9.1	4.9

(a) Data relate to live births. Data excludes multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published here by place of residence.

Table NIRA.7.7 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the baby, 2015–2017 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (d)	*ACT* (d)	*NT*	*Aust*

(d) Birthweight data on Aboriginal and Torres Strait Islander babies born to mothers residing in Tas and the ACT should be viewed with caution as they are based on small numbers of births.

(e) Includes babies whose Aboriginal and Torres Strait Islander status was not stated.

(f) Rate ratio is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight divided by the proportion of non-Indigenous babies with low birthweight.

(g) Rate difference is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight less the proportion of non-Indigenous babies with low birthweight.

– Nil or rounded to zero.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.7.8 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the baby and remoteness, 2015–2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Proportion of babies with low birthweight										
Aboriginal and Torres Strait Islander										
Major cities	%	8.3	8.4	8.8	11.8	9.4	..	10.3	..	9.2
Inner regional	%	8.5	8.2	7.8	12.8	8.5	10.8	np	..	8.5
Outer regional	%	8.6	11.3	9.6	11.2	11.5	7.1	..	10.0	9.7
Remote	%	8.7	np	11.7	10.1	6.8	np	..	13.7	11.0
Very remote	%	14.6	..	8.8	13.4	11.6	np	..	14.7	12.7
Non-Indigenous										
Major cities	%	4.5	5.0	4.8	4.7	5.1	..	4.6	..	4.8
Inner regional	%	4.5	4.9	5.1	4.2	4.8	6.4	6.5	..	4.9
Outer regional	%	4.3	4.4	5.0	4.5	5.0	6.0	..	4.6	4.7
Remote	%	3.9	np	4.8	3.3	3.7	6.3	..	4.0	3.9
Very remote	%	4.6	..	4.7	4.0	3.4	np	..	2.4	4.1
Total (g)										
Major cities	**%**	**4.7**	**5.1**	**4.9**	**5.0**	**5.2**	**..**	**4.7**	**..**	**4.9**
Inner regional	**%**	**5.1**	**5.0**	**5.3**	**4.6**	**5.0**	**6.5**	**6.9**	**..**	**5.2**
Outer regional	**%**	**5.3**	**5.0**	**5.8**	**5.4**	**5.7**	**6.0**	**..**	**5.4**	**5.5**
Remote	**%**	**5.6**	**np**	**6.8**	**5.0**	**4.1**	**6.1**	**..**	**7.2**	**5.8**
Very remote	**%**	**10.3**	**..**	**6.7**	**8.8**	**7.1**	**np**	**..**	**13.1**	**9.4**
Variability bands for rate										
Aboriginal and Torres Strait Islander										
Major cities	±	0.7	1.2	0.8	1.2	1.4	..	3.0	..	0.4
Inner regional	±	0.7	1.4	0.9	3.2	3.5	2.5	np	..	0.5
Outer regional	±	1.1	2.5	0.9	1.9	2.4	2.6	..	1.8	0.6
Remote	±	2.7	np	2.1	1.7	3.9	np	..	2.3	1.0
Very remote	±	5.3	..	1.5	1.9	3.9	np	..	1.5	0.9

Table NIRA.7.8 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the baby and remoteness, 2015–2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*
Non-Indigenous										
Major cities	±	0.1	0.1	0.1	0.2	0.2	..	0.3	..	0.1
Inner regional	±	0.2	0.2	0.3	0.4	0.6	0.5	3.7	..	0.1
Outer regional	±	0.4	0.5	0.3	0.5	0.6	0.7	..	0.5	0.2
Remote	±	1.4	np	0.9	0.6	1.0	3.5	..	0.9	0.4
Very remote	±	3.5	..	1.1	1.1	2.0	np	..	1.7	0.7
Total (g)										
Major cities	**±**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**..**	**0.3**	**..**	**0.1**
Inner regional	**±**	**0.2**	**0.2**	**0.2**	**0.4**	**0.6**	**0.4**	**3.8**	**..**	**0.1**
Outer regional	**±**	**0.4**	**0.5**	**0.3**	**0.5**	**0.6**	**0.7**	**..**	**0.5**	**0.2**
Remote	**±**	**1.3**	**np**	**0.9**	**0.6**	**1.0**	**3.1**	**..**	**1.0**	**0.4**
Very remote	**±**	**3.4**	**..**	**1.0**	**1.2**	**2.1**	**np**	**..**	**1.3**	**0.6**
Rate ratio (h)										
Major cities	no.	1.8	1.7	1.8	2.5	1.8	..	2.3	..	1.9
Inner regional	no.	1.9	1.7	1.6	3.0	1.8	1.7	np	..	1.8
Outer regional	no.	2.0	2.6	1.9	2.5	2.3	1.2	..	2.2	2.0
Remote	no.	2.2	np	2.4	3.1	1.8	np	..	3.5	2.8
Very remote	no.	3.1	..	1.9	3.4	3.4	np	..	6.0	3.1
Rate difference (i)										
Major cities	no.	3.8	3.3	4.1	7.1	4.3	..	5.8	..	4.4
Inner regional	no.	3.9	3.3	2.8	8.6	3.6	4.5	np	..	3.7
Outer regional	no.	4.3	7.0	4.7	6.7	6.6	1.1	..	5.4	4.9
Remote	no.	4.7	np	6.8	6.8	3.1	np	..	9.8	7.1
Very remote	no.	9.9	..	4.1	9.4	8.2	np	..	12.3	8.6

Table NIRA.7.8 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the baby and remoteness, 2015–2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas* (f)	*ACT* (f)	*NT*	*Aust*

(a) Data relate to live births. Data excludes multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection. The denominator is the total number of live births in each remoteness and Indigenous category. A small number of births were missing the remoteness classification and hence were excluded.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published here by place of residence.

(d) Results based on very small numbers (fewer than 5 events) are not published (np).

(e) Results based on denominators of less than 100 are not published (np) for reliability reasons.

(f) Birthweight data on Aboriginal and Torres Strait Islander babies born to mothers residing in Tas and the ACT should be viewed with caution as they are based on small numbers of births.

(g) Includes babies whose Aboriginal and Torres Strait Islander status was not stated.

(h) Rate ratio is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight divided by the proportion of non-Indigenous babies with low birthweight.

(i) Rate difference is the proportion of Aboriginal and Torres Strait Islander babies with low birthweight less the proportion of non-Indigenous babies with low birthweight.

np Not published. .. Not applicable.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.7.9 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother and of the baby, 2015–2017 (a), (b), (c), (d)**

		Aboriginal and Torres Strait Islander babies			*Non-Indigenous babies*			*Total babies* (e)		
	Unit	*Aboriginal and Torres Strait Islander mothers*	*Non-Indigenous mothers*	*Total* (f)	*Aboriginal and Torres Strait Islander mothers*	*Non-Indigenous mothers*	*Total* (f)	*Aboriginal and Torres Strait Islander mothers*	*Non-Indigenous mothers*	*Total* (f)
NSW										
Number of low birthweight babies	no.	966	316	1 284	110	11 917	12 039	1 107	12 590	13 727
Number of live births	no.	10 482	4 633	15 129	1 556	264 517	266 312	12 195	271 918	285 090
Proportion of babies with low birthweight	**%**	**9.2**	**6.8**	**8.5**	**7.1**	**4.5**	**4.5**	**9.1**	**4.6**	**4.8**
Variability bands for rate	±	0.6	0.7	0.4	1.3	0.1	0.1	0.5	0.1	0.1
Vic										
Number of low birthweight babies	no.	257	96	354	28	10 873	10 934	287	11 108	11 445
Number of live births	no.	2 379	1 641	4 030	393	218 692	219 613	2 785	221 472	224 939
Proportion of babies with low birthweight	**%**	**10.8**	**5.9**	**8.8**	**7.1**	**5.0**	**5.0**	**10.3**	**5.0**	**5.1**
Variability bands for rate	±	1.2	1.1	0.9	2.5	0.1	0.1	1.1	0.1	0.1
Qld										
Number of low birthweight babies	no.	1 083	205	1 288	48	7 880	7 931	1 140	8 109	9 253
Number of live births	no.	11 401	2 840	14 242	466	163 120	163 596	11 898	166 275	178 187
Proportion of babies with low birthweight	**%**	**9.5**	**7.2**	**9.0**	**10.3**	**4.8**	**4.8**	**9.6**	**4.9**	**5.2**
Variability bands for rate	±	0.5	1.0	0.5	2.8	0.1	0.1	0.5	0.1	0.1
WA										
Number of low birthweight babies	no.	657	109	766	–	4 369	4 369	657	4 478	5 136
Number of live births	no.	np	np	6 529	np	np	95 239	5 188	96 581	101 773
Proportion of babies with low birthweight	**%**	**np**	**np**	**11.7**	**–**	**np**	**4.6**	**12.7**	**4.6**	**5.0**

Table NIRA.7.9 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother and of the baby, 2015–2017 (a), (b), (c), (d)**

		Aboriginal and Torres Strait Islander babies			*Non-Indigenous babies*			*Total babies* (e)		
	Unit	*Aboriginal and Torres Strait Islander mothers*	*Non-Indigenous mothers*	*Total* (f)	*Aboriginal and Torres Strait Islander mothers*	*Non-Indigenous mothers*	*Total* (f)	*Aboriginal and Torres Strait Islander mothers*	*Non-Indigenous mothers*	*Total* (f)
Variability bands for rate	±	np	np	0.8	–	np	0.1	0.9	0.1	0.1
SA										
Number of low birthweight babies	no.	237	53	290	–	2 766	2 767	237	2 825	3 063
Number of live births	no.	np	np	2 923	np	np	55 271	2 185	56 236	58 426
Proportion of babies with low birthweight	**%**	**np**	**np**	**9.9**	**–**	**np**	**5.0**	**10.8**	**5.0**	**5.2**
Variability bands for rate	±	np	np	1.1	–	np	0.2	1.3	0.2	0.2
Tas (g)										
Number of low birthweight babies	no.	73	21	94	13	927	944	90	959	1 060
Number of live births	no.	788	207	997	112	14 882	15 094	923	15 345	16 601
Proportion of babies with low birthweight	**%**	**9.3**	**10.1**	**9.4**	**11.6**	**6.2**	**6.3**	**9.8**	**6.2**	**6.4**
Variability bands for rate	±	2.0	4.1	1.8	5.9	0.4	0.4	1.9	0.4	0.4
ACT (g)										
Number of low birthweight babies	no.	np	np	46	np	np	733	39	736	783
Number of live births	no.	290	129	419	22	15 782	15 832	314	15 921	16 268
Proportion of babies with low birthweight	**%**	**np**	**np**	**11.0**	**np**	**np**	**4.6**	**12.4**	**4.6**	**4.8**
Variability bands for rate	±	np	np	3.0	np	np	0.3	3.6	0.3	0.3
NT										
Number of low birthweight babies	no.	np	np	555	np	np	343	535	364	899
Number of live births	no.	3 687	418	4 105	18	7 806	7 824	3 707	8 231	11 940

Table NIRA.7.9 **Incidence of low birthweight among live born singleton babies, by Indigenous status of the mother and of the baby, 2015–2017 (a), (b), (c), (d)**

		Aboriginal and Torres Strait Islander babies			*Non-Indigenous babies*			*Total babies* (e)		
	Unit	*Aboriginal and Torres Strait Islander mothers*	*Non-Indigenous mothers*	*Total* (f)	*Aboriginal and Torres Strait Islander mothers*	*Non-Indigenous mothers*	*Total* (f)	*Aboriginal and Torres Strait Islander mothers*	*Non-Indigenous mothers*	*Total* (f)
Proportion of babies with low birthweight	**%**	**np**	**np**	**13.5**	**np**	**np**	**4.4**	**14.4**	**4.4**	**7.5**
Variability bands for rate	±	np	np	1.0	np	np	0.5	1.1	0.4	0.5
Aust										
Number of low birthweight babies	no.	3 845	829	4 677	201	39 801	40 060	4 092	41 169	45 366
Number of live births	no.	36 397	11 950	48 374	2 570	835 300	838 781	39 195	851 979	893 224
Proportion of babies with low birthweight	**%**	**10.6**	**6.9**	**9.7**	**7.8**	**4.8**	**4.8**	**10.4**	**4.8**	**5.1**
Variability bands for rate	±	0.3	0.5	0.3	1.0	–	–	0.3	–	–

(a) Data relate to live births. Data excludes multiple births, stillbirths and births of less than 20 weeks gestation. Births both less than 20 weeks gestation and less than 400 grams birthweight are not included in the National Perinatal Data Collection. Data are reported for three full years combined due to small numbers.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Totals for each State and Territory cannot be reconciled by individual jurisdictions as data are collected by place of birth but are published here by place of residence.

(d) Results based on very small numbers (fewer than 5 events) are not published (np). Consequential suppression has been applied in affected rows and columns to prevent back-calculation of small numbers.

(e) Includes babies whose Aboriginal and Torres Strait Islander status was not stated.

(f) Includes births to mothers whose Aboriginal and Torres Strait Islander status was not stated.

(g) Birthweight data on Aboriginal and Torres Strait Islander babies born to mothers residing in Tas and the ACT should be viewed with caution as they are based on small numbers of births.

– Nil or rounded to zero. **np** Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

NIRA Indicator 8:

Tobacco smoking during pregnancy

Table NIRA.8.1 **Tobacco smoking during pregnancy by Aboriginal and Torres Strait Islander women (crude per cent), 2017 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA* (d), (e)	*Tas*	*ACT*	*NT* (e)	*Total*
Number										
Smoked	no.	1 835	393	1 760	838	357	119	46	576	5 924
Did not smoke	no.	2 422	517	2 331	937	390	200	59	609	7 465
Not stated	no.	52	28	23	21	9	–	–	24	157
Total	**no.**	**4 309**	**938**	**4 114**	**1 796**	**756**	**319**	**105**	**1 209**	**13 546**
Proportion (f)										
Smoked	%	43.1	43.2	43.0	47.2	47.8	37.3	43.8	48.6	44.2
Did not smoke	%	56.9	56.8	57.0	52.8	52.2	62.7	56.2	51.4	55.8
Total (f)	**%**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

(a) Women who gave birth and identified as Aboriginal or Torres Strait Islander.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) The Perinatal NMDS includes two standardised data items on smoking during pregnancy for births from July 2010: smoking during the first twenty weeks of pregnancy and smoking after twenty weeks of pregnancy.

(d) For women who gave birth in SA, 'Smoked' includes women who quit before the first antenatal visit.

(e) For women who gave birth in SA and the NT, smoking status in the first 20 weeks of pregnancy was recorded at the first antenatal visit.

(f) Excludes women whose smoking status was not stated.

– Nil or rounded to zero.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.8.2 **Tobacco smoking during pregnancy by Aboriginal and Torres Strait Islander women and remoteness (crude per cent), 2017 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA* (f), (g)	*Tas*	*ACT*	*NT* (g)	*Total*
Major cities	%	36.6	39.1	33.8	41.9	46.2	..	43.7	..	37.7
Inner regional	%	46.1	44.4	42.6	48.9	np	41.9	–	..	44.6
Outer regional	%	50.4	54.1	45.5	49.6	55.8	29.5	..	42.7	47.2
Remote	%	58.2	np	54.8	43.6	np	np	..	42.1	47.8
Very remote	%	np	..	56.6	54.7	np	np	..	53.7	54.7

(a) Women who gave birth and identified as Aboriginal or Torres Strait Islander. Excludes women whose smoking status was not stated. A small number of women were missing the remoteness classification and hence were excluded.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) The Perinatal NMDS includes two standardised data items on smoking during pregnancy for births from July 2010: smoking during the first twenty weeks of pregnancy and smoking after twenty weeks of pregnancy.

(d) Results based on very small numbers (fewer than 5 events) are not published (np).

(e) Results based on denominators of less than 100 are not published (np) for reliability reasons.

(f) For women who gave birth in SA, 'Smoked' includes women who quit before the first antenatal visit.

(g) For women who gave birth in SA and the NT, smoking status in the first 20 weeks of pregnancy was recorded at the first antenatal visit.

– Nil or rounded to zero. .. Not applicable. **np** Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.8.3 **Age standardised per cent of tobacco smoking during pregnancy, by Indigenous status, 2017 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA* (e), (f)	*Tas*	*ACT*	*NT* (f)	*Total*	*7-state total* (g)
Aboriginal and Torres Strait Islander											
Smoked	%	43.4	41.3	42.2	48.8	51.8	np	np	48.9	44.3	44.6
Did not smoke	%	56.6	58.7	57.8	51.2	48.2	np	np	51.1	55.7	55.4
Non-Indigenous											
Smoked	%	10.8	13.2	12.0	10.6	12.3	16.4	10.8	10.9	11.7	11.4
Did not smoke	%	89.2	86.8	88.0	89.4	87.7	83.6	89.2	89.1	88.3	88.6
Variability bands for smoking rates											
Aboriginal and Torres Strait Islander	±	2.7	5.3	2.7	4.5	7.7	np	np	5.5	1.5	1.6
Non-Indigenous	±	0.5	0.6	0.5	0.8	0.9	1.7	2.8	3.1	0.3	0.3
Rate ratio (h)	no.	4.0	3.1	3.5	4.6	4.2	np	np	4.5	3.8	3.9
Rate difference (i)	no.	32.6	28.1	30.2	38.2	39.5	np	np	38.1	32.5	33.2

(a) Women who gave birth. Excludes women whose Aboriginal and Torres Strait Islander status was not stated; and women whose smoking status was not stated.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) The Perinatal NMDS includes two standardised data items on smoking during pregnancy for births from July 2010: smoking during the first twenty weeks of pregnancy and smoking after twenty weeks of pregnancy.

(d) Data are directly age-standardised using the 2001 Australian female Estimated Resident Population (ERP) aged 15–44 as the standard population. In accordance with NIRA PIMG agreed principles for reporting directly age-standardised rates for administrative data, age-standardised rates cannot be calculated if any age-stratified group has fewer than 30 individuals (np).

(e) For women who gave birth in SA, 'Smoked' includes women who quit before the first antenatal visit.

(f) For women who gave birth in SA and the NT, smoking status was recorded at the first antenatal visit.

(g) Total includes NSW, Qld, WA, SA, Tas, the ACT and the NT only to allow comparison with historical data.

(h) Rate ratio is the directly age standardised Aboriginal and Torres Strait Islander smoking proportion divided by the directly age standardised non-Indigenous smoking proportion.

Table NIRA.8.3 **Age standardised per cent of tobacco smoking during pregnancy, by Indigenous status, 2017 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA* (e), (f)	*Tas*	*ACT*	*NT* (f)	*Total*	*7-state total* (g)

(i) Rate difference is the directly age standardised Aboriginal and Torres Strait Islander smoking proportion less the directly age standardised non-Indigenous smoking proportion.

np Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.8.4 **Age standardised per cent of tobacco smoking during pregnancy, by Indigenous status and remoteness, 2017 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA* (e), (f)	*Tas*	*ACT*	*NT* (f)	*Total*	*7-state total* (g)
Rate											
Aboriginal and Torres Strait Islander											
Major cities	%	36.7	37.8	34.7	47.4	np	..	np	..	38.3	38.7
Inner regional	%	47.8	np	41.8	np	np	np	–	..	45.5	45.6
Outer regional	%	49.5	np	44.5	np	np	np	..	43.7	46.9	46.8
Remote	%	np	np	np	np	np	np	..	np	48.2	48.2
Very remote	%	np	..	50.6	52.9	np	np	..	54.5	52.9	52.9
Non-Indigenous											
Major cities	%	9.3	11.0	10.4	9.7	11.5	..	10.8	..	10.1	9.9
Inner regional	%	15.5	19.2	16.1	13.9	11.6	16.8	–	..	16.3	15.4
Outer regional	%	16.5	19.7	14.5	14.5	18.2	15.3	..	np	15.4	14.9
Remote	%	np	np	np	np	np	np	..	np	14.1	14.1
Very remote	%	np	..	np	np	np	–	..	np	np	np
Variability band											
Aboriginal and Torres Strait Islander											
Major cities	±	3.7	6.8	4.4	8.8	np	..	np	..	2.4	2.6
Inner regional	±	4.9	np	6.1	np	np	np	–	..	3.4	3.5
Outer regional	±	7.3	np	4.7	np	np	np	..	10.2	3.3	3.4
Remote	±	np	np	np	np	np	np	..	np	5.8	5.8
Very remote	±	np	..	9.2	8.3	np	np	..	8.6	4.8	4.8
Non-Indigenous											
Major cities	±	0.6	0.8	0.6	0.9	1.1	..	2.8	..	0.3	0.4
Inner regional	±	1.0	1.4	1.1	2.6	2.6	2.1	–	..	0.6	0.6
Outer regional	±	1.8	2.9	1.4	2.4	2.8	3.0	..	np	0.8	0.9
Remote	±	np	np	np	np	np	np	..	np	2.6	2.6
Very remote	±	np	..	np	np	np	–	..	np	np	np

Table NIRA.8.4 **Age standardised per cent of tobacco smoking during pregnancy, by Indigenous status and remoteness, 2017 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA* (e), (f)	*Tas*	*ACT*	*NT* (f)	*Total*	*7-state total* (g)

(a) Women who gave birth. Excludes women whose Indigenous status was not stated and women whose smoking status was not stated. A small number of women were missing the remoteness classification and hence were excluded.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) The Perinatal NMDS includes two standardised data items on smoking during pregnancy for births from July 2010: smoking during the first twenty weeks of pregnancy and smoking after twenty weeks of pregnancy.

(d) Data are directly age-standardised using the 2001 Australian female Estimated Resident Population (ERP) as the standard population. In accordance with NIRA PIMG agreed principles for reporting directly age standardised rates for administrative data, age-standardised rates cannot be calculated if any age-stratified group has fewer than 30 individuals.

(e) For women who gave birth in SA, 'Smoked' includes women who quit before the first antenatal visit.

(f) For women who gave birth in SA and the NT, smoking status was recorded at the first antenatal visit.

(g) Total includes NSW, Qld, WA, SA, Tas, the ACT and the NT only to allow comparison with historical data.

– Nil or rounded to zero. .. Not applicable. **np** Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

NIRA Indicator 9:

Antenatal care

Table NIRA.9.1 **Aboriginal and Torres Strait Islander women who gave birth who attended at least one antenatal visit in the first trimester (crude per cent), 2017 (a), (b)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (c)	*NT*	*Total*	*3-state total* (d)
Number who attended at least one antenatal visit in the first trimester	no.	2 902	549	2 448	960	451	271	59	796	8 436	4 149
Number of women who gave birth	no.	4 221	916	4 104	1 713	726	318	104	1 192	13 294	6 139
Proportion who attended at least one antenatal visit in the first trimester	%	68.8	59.9	59.6	56.0	62.1	85.2	56.7	66.8	63.5	67.6

(a) Women who gave birth and identified as Aboriginal and Torres Strait Islander, whether resulting in a live or still birth, if the birthweight is at least 400 grams or the gestational age is 20 weeks or more, except in Vic and WA, where included if gestational age is 20 weeks or more or if gestation unknown birthweight is at least 400 grams. Excludes women whose gestation at first antenatal visit was not stated. First trimester is up to and including 13 completed weeks. Antenatal visits relate to care provided by skilled birth attendants for reasons related to pregnancy.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) For the ACT, first antenatal visit is often the first hospital antenatal clinic visit. In many cases earlier antenatal care provided by the woman's GP is not reported.

(d) Total includes NSW, SA, and the NT only to allow comparison with historical data.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.9.2 **Aboriginal and Torres Strait Islander women who gave birth who attended at least one antenatal visit in the first trimester, by remoteness (crude per cent), 2017 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Total*	*3-state total* (f)
Major cities	%	67.6	57.8	70.6	44.1	60.6	..	56.9	..	63.4	66.4
Inner regional	%	70.7	60.9	51.7	64.0	np	85.8	–	..	64.9	70.6
Outer regional	%	69.3	63.6	53.3	66.9	62.3	84.8	..	79.0	62.8	70.3
Remote	%	60.0	np	55.6	61.9	np	np	..	69.5	62.4	66.6
Very remote	%	np	..	65.9	60.9	np	np	..	61.1	62.6	61.5

(a) Women who gave birth and identified as Aboriginal and Torres Strait Islander, whether resulting in a live or still birth, if the birthweight is at least 400 grams or the gestational age is 20 weeks or more, except in Vic and WA, where included if gestational age is 20 weeks or more or if gestation unknown birthweight is at least 400 grams. Excludes women whose gestation at first antenatal visit was not stated. First trimester is up to and including 13 completed weeks. Antenatal visits relate to care provided by skilled birth attendants for reasons related to pregnancy. A small number of women were missing the remoteness classification and hence were excluded.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Results based on very small numbers (fewer than 5 events) are not published (np).

(d) Results based on denominators of less than 100 are not published (np) for reliability reasons.

(e) For the ACT, first antenatal visit is often the first hospital antenatal clinic visit. In many cases earlier antenatal care provided by the woman's GP is not reported.

(f) Total includes NSW, SA, and the NT only to allow comparison with historical data.

– Nil or rounded to zero. .. Not applicable. **np** Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.9.3 **Aboriginal and Torres Strait Islander women who gave birth at 32 weeks or more gestation, antenatal visits (number and crude per cent), 2017 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total*	*7-state total* (e)
Number											
No. antenatal visits											
5 or more	no.	3 735	758	3 567	1 349	588	299	87	974	11 357	10 599
2–4	no.	324	89	350	284	76	np	np	142	1 279	1 190
1	no.	80	39	26	61	14	np	np	8	238	199
Total (at least one) (f)	**no.**	**4 139**	**886**	**3 943**	**1 694**	**678**	**311**	**99**	**1 124**	**12 874**	**11 988**
Total women who gave birth at 32 weeks or more gestation	**no.**	**4 139**	**886**	**3 991**	**1 721**	**688**	**311**	**100**	**1 137**	**12 973**	**12 087**
Percentage											
No. antenatal visits											
5 or more	%	90.2	85.6	89.4	78.4	85.5	96.1	87.0	85.7	87.5	87.7
2–4	%	7.8	10.0	8.8	16.5	11.0	np	np	12.5	9.9	9.8
1	%	1.9	4.4	0.7	3.5	2.0	np	np	0.7	1.8	1.6
Total (at least one) (f)	%	**100.0**	**100.0**	**98.8**	**98.4**	**98.5**	**100.0**	**99.0**	**98.9**	**99.2**	**99.2**
Total women who gave birth at 32 weeks or more gestation	%	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

(a) Women who gave birth and identified as Aboriginal and Torres Strait Islander at 32 weeks or more gestation to a live birth or stillbirth. Excludes women whose number of antenatal visits was not stated. Antenatal visits relate to care provided by skilled birth attendants for reasons related to pregnancy.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Number of antenatal visits is included in the Perinatal NMDS from July 2012. Vic started collecting data on the numbers of antenatal visits from July 2015 and started reporting data from January 2016.

(d) Results based on very small numbers (fewer than 5 events) are not published (np). Consequential suppression (np) has been applied in affected rows and columns to prevent back-calculation of small numbers.

(e) Total includes NSW, Qld, WA, SA, Tas, the ACT and the NT only to allow comparison with historical data.

(f) Total (at least one) includes specified number of visits and does not include women with an unknown number of antenatal visits.

np Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.9.4 **Age standardised per cent of women who gave birth and attended at least one antenatal visit in the first trimester, by Indigenous status, 2017 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (d)	*NT*	*Total*	*3-state total* (e)
At least one antenatal visit reported in first trimester (rate)											
Aboriginal and Torres Strait Islander	%	68.1	57.8	59.9	56.4	59.2	np	np	67.7	63.0	66.9
Non-Indigenous	%	71.9	64.7	76.2	65.3	79.7	88.6	47.3	86.1	70.8	73.6
Variability bands for rate											
Aboriginal and Torres Strait Islander	±	3.4	6.3	3.2	4.9	7.6	np	np	6.6	1.8	2.8
Non-Indigenous	±	0.8	1.0	1.0	1.3	1.9	3.3	3.2	5.7	0.5	0.8
Rate ratio (f)	no.	0.9	0.9	0.8	0.9	0.7	np	np	0.8	0.9	0.9
Rate difference (g)	no.	- 3.8	- 7.0	- 16.3	- 8.9	- 20.6	np	np	- 18.4	- 7.9	- 6.7

(a) Women who gave birth, whether resulting in a live or still birth, if the birthweight is at least 400 grams or the gestational age is 20 weeks or more, except in Vic and WA, where included if gestational age is 20 weeks or more or if gestation unknown birthweight is at least 400 grams. Excludes women whose Indigenous status was not stated and women whose gestation at first antenatal visit was not stated. First trimester is up to and including 13 completed weeks. Antenatal visits relate to care provided by skilled birth attendants for reasons related to pregnancy.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Data are directly age-standardised using the 2001 Australian female Estimated Resident Population (ERP) aged 15–44 as the standard population. In accordance with NIRA PIMG agreed principles for reporting directly age-standardised rates for administrative data, age-standardised rates cannot be calculated if any age-stratified group has fewer than 30 individuals (np).

(d) For the ACT, first antenatal visit is often the first hospital antenatal clinic visit. In many cases earlier antenatal care provided by the woman's GP is not reported.

(e) Total includes NSW, SA and the NT only to allow comparison with historical data.

(f) Rate ratio is the directly age standardised Aboriginal and Torres Strait Islander proportion divided by the directly age standardised non-Indigenous proportion.

(g) Rate difference is the directly age standardised Aboriginal and Torres Strait Islander proportion less the directly age standardised non-Indigenous proportion.

np Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.9.5 **Age standardised per cent of women who gave birth who attended five or more antenatal visits, by Indigenous status, 2017 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total*	*7-state total* (e)	*3-state total* (f)
Women who attended five or more antenatal visits (rate)												
Aboriginal and Torres Strait Islander	%	89.1	85.6	89.3	79.6	84.4	np	np	84.9	87.3	87.2	87.9
Non-Indigenous	%	95.7	89.9	95.8	95.5	97.0	93.2	84.6	95.7	95.5	94.2	96.1
Variability bands for rate												
Aboriginal and Torres Strait Islander	±	3.9	8.1	4.0	5.8	9.4	np	np	7.3	2.3	2.2	3.3
Non-Indigenous	±	1.0	1.2	1.1	1.7	2.2	3.5	4.9	6.2	0.6	0.5	1.0
Rate ratio (g)	no.	0.9	1.0	0.9	0.8	0.9	np	np	0.9	0.9	0.9	0.9
Rate difference (h)	no.	- 6.6	- 4.4	- 6.5	- 15.9	- 12.6	np	np	- 10.8	- 8.2	- 7.0	- 8.2

(a) Women who gave birth at 32 weeks or more gestation to a live birth or stillbirth. Excludes women whose Indigenous status was not stated and women whose number of antenatal visits was not stated. Antenatal visits relate to care provided by skilled birth attendants for reasons related to pregnancy.

(b) Number of antenatal visits is included in the Perinatal NMDS from July 2012. Vic started collecting data on the numbers of antenatal visits from July 2015 and started reporting data from January 2016.

(c) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(d) Data are directly age-standardised using the 2001 Australian female Estimated Resident Population (ERP) aged 15–44 as the standard population. In accordance with NIRA PIMG agreed principles for reporting directly age-standardised rates for administrative data, age-standardised rates cannot be calculated if any age-stratified group has fewer than 30 individuals (np).

(e) Total includes NSW, Qld, WA, SA, Tas, the ACT and the NT only to allow comparison with historical data.

(f) Total includes Qld, SA and the NT only to allow comparison with historical data.

(g) Rate ratio is the directly age standardised Aboriginal and Torres Strait Islander proportion divided by the directly age standardised non-Indigenous proportion.

(h) Rate difference is the directly age standardised Aboriginal and Torres Strait Islander proportion less the directly age standardised non-Indigenous proportion.

np Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.9.6 **Age standardised per cent of women who gave birth and attended at least one antenatal visit in the first trimester, by Indigenous status, by remoteness, 2017, (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (d)	*NT*	*Total*	*3-state total* (e)
Rate											
Aboriginal and Torres Strait Islander											
Major cities	%	67.7	55.0	71.0	42.8	np	..	np	..	63.2	66.1
Inner regional	%	70.0	np	51.7	np	np	np	–	..	64.6	70.0
Outer regional	%	65.5	np	52.9	np	np	np	..	79.8	61.0	68.0
Remote	%	np	np	np	np	np	np	..	np	62.6	66.0
Very remote	%	np	..	69.1	60.8	np	np	..	62.5	63.4	62.2
Non-Indigenous											
Major cities	%	70.4	62.4	81.6	61.4	79.2	..	47.7	..	69.5	72.0
Inner regional	%	75.0	70.8	65.4	79.4	81.0	89.5	np	..	73.4	76.0
Outer regional	%	73.3	70.2	66.0	79.2	77.4	86.2	..	np	73.9	78.5
Remote	%	np	np	np	np	np	np	..	np	74.9	np
Very remote	%	np	..	np	np	np	np	..	np	np	np
Variability band											
Aboriginal and Torres Strait Islander											
Major cities	±	5.0	8.3	6.3	7.5	np	..	np	..	3.1	4.6
Inner regional	±	5.8	np	6.9	np	np	np	–	..	4.0	5.7
Outer regional	±	8.3	np	5.1	np	np	np	..	13.7	3.8	6.5
Remote	±	np	np	np	np	np	np	..	np	6.6	10.1
Very remote	±	np	..	11.6	9.1	np	np	..	9.3	5.4	8.2
Non-Indigenous											
Major cities	±	1.0	1.1	1.3	1.5	2.2	..	3.3	..	0.6	0.9
Inner regional	±	1.9	2.1	2.0	5.1	5.4	3.9	np	..	1.1	1.8
Outer regional	±	3.4	4.5	2.5	4.9	5.3	6.4	..	np	1.5	2.6
Remote	±	np	np	np	np	np	np	..	np	4.3	np
Very remote	±	np	..	np	np	np	np	..	np	np	np

Table NIRA.9.6 **Age standardised per cent of women who gave birth and attended at least one antenatal visit in the first trimester, by Indigenous status, by remoteness, 2017, (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (d)	*NT*	*Total*	*3-state total* (e)

(a) Women who gave birth, whether resulting in a live or still birth, if the birthweight is at least 400 grams or the gestational age is 20 weeks or more, except in Vic and WA, where included if gestational age is 20 weeks or more or if gestation unknown birthweight is at least 400 grams. Excludes women whose Indigenous status was not stated and women whose gestation at first antenatal visit was not stated. First trimester is up to and including 13 completed weeks. Antenatal visits relate to care provided by skilled birth attendants for reasons related to pregnancy. A small number of women were missing the remoteness classification and hence were excluded.

(b) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(c) Data are directly age-standardised using the 2001 Australian female Estimated Resident Population (ERP) aged 15–44 as the standard population. In accordance with NIRA PIMG agreed principles for reporting directly age-standardised rates for administrative data, age-standardised rates cannot be calculated if any age-stratified group has fewer than 30 individuals (np).

(d) For the ACT, first antenatal visit is often the first hospital antenatal clinic visit. In many cases earlier antenatal care provided by the woman's GP is not reported.

(e) Total includes NSW, SA and the NT only to allow comparison with historical data.

– Nil or rounded to zero. **np** Not published. .. Not applicable.

Source: AIHW analysis of the National Perinatal Data Collection.

Table NIRA.9.7 **Age standardised per cent of women who gave birth who attended five or more antenatal visits, by Indigenous status, by remoteness, 2017 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total*	*7-state total* (e)	*3-state total* (f)
Rate												
Aboriginal and Torres Strait Islander												
Major cities	%	89.4	87.3	88.9	75.2	np	..	np	..	86.8	86.7	87.9
Inner regional	%	88.6	np	87.7	np	np	np	–	..	87.9	88.4	88.1
Outer regional	%	89.3	np	88.3	np	np	np	..	np	87.3	87.6	87.2
Remote	%	np	np	np	np	np	np	..	np	84.1	84.1	86.4
Very remote	%	np	..	95.4	84.4	np	np	..	87.3	88.4	88.4	90.0
Non-Indigenous												
Major cities	%	95.8	90.3	95.5	95.5	96.7	..	84.1	..	94.1	95.4	95.8
Inner regional	%	94.5	89.0	96.3	96.1	98.3	93.2	np	..	93.6	95.2	96.6
Outer regional	%	95.7	84.7	96.5	95.6	97.0	92.9	..	np	94.7	96.0	96.6
Remote	%	np	np	np	np	np	np	..	np	95.6	95.6	95.5
Very remote	%	np	..	np	np	np	np	..	np	np	np	np
Variability band												
Aboriginal and Torres Strait Islander												
Major cities	±	5.8	11.2	7.1	10.5	np	..	np	..	3.7	3.9	6.3
Inner regional	±	6.5	np	9.0	np	np	np	–	..	4.7	4.9	8.8
Outer regional	±	10.1	np	6.8	np	np	np	..	np	4.6	4.7	5.8
Remote	±	np	np	np	np	np	np	..	np	7.8	7.8	10.4
Very remote	±	np	..	13.8	11.0	np	np	..	10.7	6.4	6.4	8.0
Non-Indigenous												
Major cities	±	1.3	1.5	1.4	2.0	2.6	..	4.9	..	0.7	0.8	1.3
Inner regional	±	2.1	2.4	2.5	5.4	6.6	4.1	np	..	1.2	1.4	2.3
Outer regional	±	4.0	5.0	3.1	5.3	6.1	6.8	..	np	1.8	1.9	2.5
Remote	±	np	np	np	np	np	np	..	np	5.0	5.0	6.5
Very remote	±	np	..	np	np	np	np	..	np	np	np	np

Table NIRA.9.7 **Age standardised per cent of women who gave birth who attended five or more antenatal visits, by Indigenous status, by remoteness, 2017 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Total*	*7-state total* (e)	*3-state total* (f)

(a) Women who gave birth at 32 weeks or more gestation to a live birth or stillbirth. Excludes women whose Indigenous status was not stated and women whose number of antenatal visits was not stated. Antenatal visits relate to care provided by skilled birth attendants for reasons related to pregnancy. A small number of women were missing the remoteness classification and hence were excluded.

(b) Number of antenatal visits is included in the Perinatal NMDS from July 2012. Vic started collecting data on the numbers of antenatal visits from July 2015 and started reporting data from January 2016.

(c) Data are by place of usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated.

(d) Data are directly age-standardised using the 2001 Australian female Estimated Resident Population (ERP) aged 15–44 as the standard population. In accordance with NIRA PIMG agreed principles for reporting directly age-standardised rates for administrative data, age-standardised rates cannot be calculated if any age-stratified group has fewer than 30 individuals (np).

(e) Total includes NSW, Qld, WA, SA, Tas, the ACT and the NT only to allow comparison with historical data.

(f) Total includes Qld, SA and the NT only to allow comparison with historical data.

– Nil or rounded to zero. .. Not applicable. **np** Not published.

Source: AIHW analysis of the National Perinatal Data Collection.

NIRA Indicator 10:

The proportion of Indigenous children, who are enrolled in (and attending, where possible to measure) a preschool program in state-specific year before formal schooling

Table NIRA.10.1 **Children enrolled in a preschool program in state-specific year before full-time schooling, by State and Territory, by Indigenous status, 2018 (a), (b)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (c)
Aboriginal and Torres Strait Islander										
Enrolled (d)	no.	5 020	1 561	4 619	2 299	1 078	585	176	1 069	16 389
Potential population (e)	no.	6 628	1 497	5 329	2 352	1 001	594	175	1 400	18 975
Proportion enrolled	**%**	**75.7**	**104.3**	**86.7**	**97.7**	**107.7**	**98.5**	**100.6**	**76.4**	**86.4**
Non-Indigenous										
Enrolled (d)	no.	85 643	77 562	53 789	31 536	18 643	5 651	5 520	2 152	280 544
Potential population (e)	no.	100 798	82 536	59 476	31 887	19 322	5 577	5 467	2 190	307 253
Proportion enrolled	**%**	**85.0**	**94.0**	**90.4**	**98.9**	**96.5**	**101.3**	**101.0**	**98.3**	**91.3**

(a) In the ABS National ECEC Collection there are some children whose Indigenous status is not stated (or inadequately defined). In the proposed estimation of counts and proportion of children enrolled, these children are apportioned to either Aboriginal and/or Torres Strait Islander category or non-Indigenous in proportion to the children whose Indigenous status is recorded.

(b) Cells in this table have been randomly adjusted and rounded to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Australia total includes Other Territories.

(d) The number of Aboriginal and Torres Strait Islander children enrolled in school in 2018 that have been subtracted from these populations is 4,880 children in NSW, 967 in Vic, 34 in Qld, 3 in WA, and 13 in the NT. No subtraction was necessary for remaining jurisdictions.

(e) Non-Indigenous potential population denominator data is calculated by subtracting Aboriginal and Torres Strait Islander population denominator from the total population (including deductions for children in the target age ranges who are enrolled in school).

Source: ABS (unpublished) *Preschool Education, Australia 2018* (cat. no. 4240.0); ABS (2018) *Australian Demographic Statistics, June 2018* (cat. no. 3101.0); ABS (unpublished) *Births, Australia, 2018* (cat. no. 3301.0); ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031, Series B* (cat. no. 3238.0); ABS (2019) *Schools, Australia, 2018* (cat. no. 4221.0).

Table NIRA.10.2 **Children attending (≥ one hour) a preschool program in state-specific year before full-time schooling, by State and Territory, by Indigenous status, 2018 (a), (b)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (c)
Aboriginal and Torres Strait Islander										
Attending (≥ one hour)	no.	4 893	1 447	4 405	2 062	995	549	171	779	15 308
Enrolment denominator	no.	5 016	1 561	4 619	2 278	1 065	561	176	1 066	16 340
Proportion attending (≥ one hour)	**%**	**97.5**	**92.7**	**95.4**	**90.5**	**93.4**	**97.9**	**97.2**	**73.1**	**93.7**
Non-Indigenous										
Attending (≥ one hour)	no.	85 064	74 457	52 590	30 308	18 179	5 365	5 446	2 072	273 513
Enrolment denominator	no.	85 570	77 562	53 789	31 242	18 427	5 422	5 508	2 146	279 697
Proportion attending (≥ one hour)	**%**	**99.4**	**96.0**	**97.8**	**97.0**	**98.7**	**98.9**	**98.9**	**96.6**	**97.8**

(a) Excludes children in the ABS National ECEC Collection whose Indigenous status is recorded as not stated (or inadequately defined).

(b) Cells in this table have been randomly adjusted and rounded to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Australia total includes Other Territories.

Source: ABS (2019) *Preschool Education, Australia 2018* (cat. no. 4240.0)

Table NIRA.10.3 **Children attending (≥ one hour) a preschool program in state-specific year before full-time schooling, by remoteness, by Indigenous status, 2018 (a)**

	Unit	*Major cities*	*Inner regional*	*Outer regional*	*Remote*	*Very remote*
Aboriginal and Torres Strait Islander						
Attending (≥ one hour)	no.	5 823	4 115	3 264	909	1 194
Enrolment denominator	no.	6 047	4 258	3 475	1 060	1 498
Proportion attending (≥ one hour)	**%**	**96.3**	**96.6**	**93.9**	**85.8**	**79.7**
Non-Indigenous						
Attending (≥ one hour)	no.	200 323	48 799	20 426	2 931	1 033
Enrolment denominator	no.	204 879	49 845	20 873	3 034	1 067
Proportion attending (≥ one hour)	**%**	**97.8**	**97.9**	**97.9**	**96.6**	**96.8**

(a) Excludes children in the ABS National ECEC Collection whose Indigenous status is recorded as not stated (or inadequately defined).

Source: ABS (2019) *Preschool Education, Australia 2018* (cat. no. 4240.0).

Table NIRA.10.4 **Children enrolled in a preschool program in state-specific year before full-time schooling, by State and Territory, by Indigenous status, 2017 (a), (b)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (c)
Aboriginal and Torres Strait Islander										
Enrolled (d)	no.	4 754	1 395	4 451	2 214	993	591	191	1 151	15 718
Potential population (e)	no.	6 991	1 472	5 356	2 307	979	643	194	1 432	19 374
Proportion enrolled	**%**	**68.0**	**94.8**	**83.1**	**96.0**	**101.4**	**91.9**	**98.5**	**80.4**	**81.1**
Non-Indigenous										
Enrolled (d)	no.	85 576	77 609	53 558	31 555	18 650	5 507	5 436	2 178	280 112
Potential population (e)	no.	101 401	82 684	59 290	32 239	19 989	5 458	5 463	2 261	308 785
Proportion enrolled	**%**	**84.4**	**93.9**	**90.3**	**97.9**	**93.3**	**100.9**	**99.5**	**96.3**	**90.7**

(a) In the ABS National ECEC Collection there are some children whose Indigenous status is not stated (or inadequately defined). In the proposed estimation of counts and proportion of children enrolled, these children are apportioned to either Aboriginal and/or Torres Strait Islander category or non-Indigenous in proportion to the children whose Indigenous status is recorded.

(b) Cells in this table have been randomly adjusted and rounded to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Australia total includes Other Territories.

(d) The number of Aboriginal and Torres Strait Islander children enrolled in school in 2017 that have been subtracted from these populations is 4,625 children in NSW, 845 in Vic, 62 in Qld, 4 in WA, and 23 in the NT. No subtraction was necessary for remaining jurisdictions.

(e) Non-Indigenous potential population denominator data is calculated by subtracting Aboriginal and Torres Strait Islander population denominator from the total population (including deductions for children in the target age ranges who are enrolled in school).

Source: ABS (unpublished) *Preschool Education, Australia 2017* (cat. no. 4240.0); ABS (2017) *Australian Demographic Statistics, June 2017* (cat. no. 3101.0); *ABS (unpublished) Births, Australia, 2017* (cat. no. 3301.0); ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031, Series B* (cat. no. 3238.0); *ABS (2018) Schools, Australia, 2017* (cat. no. 4221.0).

Table NIRA.10.5 **Children enrolled in a preschool program in state specific year before full-time schooling, by State and Territory, by Indigenous status, 2016 (a), (b)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust (b)*
Aboriginal and Torres Strait Islander										
Enrolled (d)	no.	4 281	1 226	4 200	2 110	974	558	138	1 177	14 667
Potential population (e)	no.	7 125	1 392	5 110	2 225	1 011	614	162	1 480	19 121
Proportion enrolled	**%**	**60.1**	**88.1**	**82.2**	**94.8**	**96.3**	**90.9**	**85.2**	**79.5**	**76.7**
Non-Indigenous										
Enrolled (d)	no.	83 169	73 855	53 843	31 175	18 480	5 686	5 189	2 257	273 698
Potential population (e)	no.	98 259	78 835	55 707	31 591	19 914	5 751	5 351	2 349	297 758
Proportion enrolled	**%**	**84.6**	**93.7**	**96.7**	**98.7**	**92.8**	**98.9**	**97.0**	**96.1**	**91.9**

(a) In the ABS National ECEC Collection there are some children whose Indigenous status is not stated (or inadequately defined). In the proposed estimation of counts and proportion of children enrolled, these children are apportioned to either Aboriginal and/or Torres Strait Islander category or non-Indigenous in proportion to the children whose Indigenous status is recorded.

(b) Cells in this table have been randomly adjusted and rounded to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Australia total includes Other Territories.

(d) The number of Aboriginal and Torres Strait Islander children enrolled in school in 2016 that have been subtracted from these populations is 4,371 children in NSW, 849 in Vic, 334 in Qld, 5 in WA, and 13 in the NT. No subtraction was necessary for remaining jurisdictions.

(e) Non-Indigenous potential population denominator data is calculated by subtracting Aboriginal and Torres Strait Islander population denominator from the total population (including deductions for children in the target age ranges who are enrolled in school).

Source ABS (unpublished) *Preschool Education, Australia 2016* (cat. no. 4240.0); ABS (2018) *Australian Demographic Statistics, June 2016* (cat. no. 3101.0); ABS (unpublished) *Births, Australia, 2016* (cat. no. 3301.0); ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031, Series B* (cat. no. 3238.0); (ABS 2017) *Schools, Australia, 2016* (cat. no. 4221.0).

Table NIRA.10.6 **Children enrolled in a preschool program in state specific year before full-time schooling, by State and Territory, by Indigenous status, 2015 (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust* (d)
Aboriginal and Torres Strait Islander										
Enrolled (e)	no.	3 862	1 145	4 072	2 181	1 020	580	187	1 185	14 232
Potential population (f)	no.	6 977	1 439	5 092	2 281	1 017	649	173	1 529	19 157
Proportion enrolled	**%**	**55.4**	**79.6**	**80.0**	**95.6**	**100.3**	**89.4**	**108.1**	**77.5**	**74.3**
Non-Indigenous										
Enrolled (e)	no.	78 342	74 445	58 782	31 972	19 472	5 623	5 500	2 254	276 389
Potential population (f)	no.	95 652	75 931	55 714	31 838	19 417	5 516	5 144	2 210	291 422
Proportion enrolled	**%**	**81.9**	**98.0**	**105.5**	**100.4**	**100.3**	**101.9**	**106.9**	**102.0**	**94.8**

(a) In the ABS National ECEC Collection there are some children whose Indigenous status is not stated (or inadequately defined). In the proposed estimation of counts and proportion of children enrolled, these children are apportioned to either Aboriginal and/or Torres Strait Islander category or non-Indigenous in proportion to the children whose Indigenous status is recorded. Overall this relates to only 3.3 per cent of all children nationally.

(b) Cells in this table have been randomly adjusted and rounded to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Counts of children enrolled in some states and territories may be underestimated in 2015 due to under-reporting of Long Day Care centres providing an ECE program to children enrolled.

(d) Australia total includes Other Territories.

(e) The number of Aboriginal and/or Torres Strait Islander children enrolled in school in 2015 that have been subtracted from these populations (4,432 children in NSW, 819 in Vic, 321 in Qld, 6 in WA, and 27 in the NT. No subtraction was necessary for remaining jurisdictions).

(f) Non-Indigenous potential population denominator data is calculated by subtracting Aboriginal and Torres Strait Islander population denominator from the total population (including deductions for children in the target age ranges who are enrolled in school).

Source ABS (unpublished) *Preschool Education, Australia 2015* (cat. no. 4240.0); ABS (2018) *Australian Demographic Statistics, June 2015* (cat. no. 3101.0); ABS (unpublished) *Births, Australia, 2015* (cat. no. 3301.0); ABS (2019) *Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 2006 to 2031, Series B* (cat. no. 3238.0); ABS (2016) *Schools, Australia, 2015* (cat. no. 4221.0).

NIRA Indicator 11:

Percentage of students at or above the national minimum standard in reading, writing and numeracy for years 3, 5, 7 and 9

Table NIRA.11.1 **Proportion of year 3 students who achieved at or above the national minimum standard, by learning domain, by Indigenous status, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Reading									
Aboriginal and Torres Strait Islander students	88.5	90.0	87.1	73.7	76.8	89.0	86.8	40.8	82.0
Non-Indigenous students	96.9	96.4	97.1	96.6	94.6	94.5	97.4	93.1	96.6
All students	**96.3**	**96.2**	**96.2**	**94.9**	**93.7**	**93.9**	**97.1**	**71.3**	**95.6**
Writing									
Aboriginal and Torres Strait Islander students	86.6	88.0	83.2	67.7	71.2	86.5	84.9	34.0	78.4
Non-Indigenous students	96.2	95.9	95.2	95.3	92.8	93.4	96.0	91.8	95.5
All students	**95.5**	**95.7**	**94.0**	**93.2**	**91.6**	**92.6**	**95.6**	**67.8**	**94.4**
Numeracy									
Aboriginal and Torres Strait Islander students	88.6	90.6	84.9	77.8	78.7	92.3	86.1	53.0	83.1
Non-Indigenous students	96.8	96.5	97.0	97.2	95.1	96.5	97.7	96.2	96.7
All students	**96.3**	**96.3**	**95.9**	**95.8**	**94.3**	**96.1**	**97.3**	**78.2**	**95.8**

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.2 **Proportion of year 5 students who achieved at or above the national minimum standard, by learning domain, by Indigenous status, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Reading									
Aboriginal and Torres Strait Islander students	83.5	84.5	81.8	68.7	72.1	86.8	80.6	36.9	77.2
Non-Indigenous students	96.1	96.1	96.4	96.4	94.2	93.2	97.7	94.0	96.0
All students	**95.3**	**95.8**	**95.1**	**94.3**	**93.1**	**92.6**	**97.2**	**71.4**	**94.9**
Writing									
Aboriginal and Torres Strait Islander students	74.1	76.1	66.9	54.1	56.0	76.0	64.1	24.1	64.9
Non-Indigenous students	92.3	93.9	89.6	91.6	86.9	87.0	92.3	86.1	91.6
All students	**91.1**	**93.4**	**87.5**	**88.7**	**85.5**	**85.8**	**91.5**	**61.6**	**89.8**
Numeracy									
Aboriginal and Torres Strait Islander students	86.5	86.2	84.8	75.3	77.5	91.5	82.7	48.3	81.4
Non-Indigenous students	96.7	96.6	97.1	97.1	94.9	95.5	97.3	97.0	96.7
All students	**96.0**	**96.4**	**95.9**	**95.5**	**94.0**	**95.1**	**96.9**	**77.7**	**95.7**

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.3 **Proportion of year 7 students who achieved at or above the national minimum standard, by learning domain, by Indigenous status, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Reading									
Aboriginal and Torres Strait Islander students	81.3	83.6	81.0	66.5	71.8	86.3	84.2	34.4	75.6
Non-Indigenous students	95.4	95.3	95.3	96.1	94.7	93.1	97.1	93.7	95.4
All students	**94.5**	**95.1**	**94.1**	**93.9**	**93.5**	**92.5**	**96.8**	**69.0**	**94.1**
Writing									
Aboriginal and Torres Strait Islander students	64.3	70.2	60.4	50.9	54.3	69.8	70.4	19.4	58.2
Non-Indigenous students	89.6	90.6	85.9	89.7	88.0	84.8	89.2	83.3	88.8
All students	**87.9**	**90.2**	**83.7**	**86.6**	**86.3**	**83.5**	**88.8**	**56.7**	**86.9**
Numeracy									
Aboriginal and Torres Strait Islander students	86.4	86.4	85.5	79.6	76.2	92.2	89.6	49.5	82.1
Non-Indigenous students	96.6	96.1	96.5	97.3	95.5	95.4	97.6	96.3	96.4
All students	**95.9**	**95.9**	**95.5**	**96.0**	**94.5**	**95.2**	**97.4**	**76.8**	**95.6**

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.4 **Proportion of year 9 students who achieved at or above the national minimum standard, by learning domain, by Indigenous status, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Reading									
Aboriginal and Torres Strait Islander students	80.6	81.5	76.2	72.5	70.7	81.2	89.1	29.9	73.9
Non-Indigenous students	95.2	94.4	93.5	96.7	92.9	92.9	97.3	92.2	94.6
All students	**94.2**	**94.1**	**92.1**	**95.0**	**92.0**	**91.9**	**97.0**	**65.6**	**93.4**
Writing									
Aboriginal and Torres Strait Islander students	51.0	56.4	45.9	43.1	40.4	52.6	61.2	14.6	45.7
Non-Indigenous students	83.1	84.0	76.7	86.0	76.4	75.7	84.1	74.0	81.7
All students	**81.0**	**83.4**	**74.2**	**82.9**	**75.0**	**73.9**	**83.5**	**48.7**	**79.5**
Numeracy									
Aboriginal and Torres Strait Islander students	87.0	85.8	85.1	82.5	80.8	89.9	89.9	54.4	83.0
Non-Indigenous students	96.6	95.8	96.2	97.7	94.9	95.9	97.7	95.6	96.3
All students	**96.0**	**95.5**	**95.2**	**96.6**	**94.3**	**95.4**	**97.4**	**78.1**	**95.5**

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.5 **Proportion of year 3 students who achieved at or above the national minimum standard for reading, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	90.1	91.0	90.7	84.3	81.1	..	86.7	..	88.8
Inner Regional	89.2	89.2	90.8	77.1	80.8	90.0	np	..	89.1
Outer Regional	84.5	89.1	88.8	77.8	75.4	87.3	..	71.9	84.5
Remote	77.7	np	70.9	65.5	81.3	np	..	53.1	65.9
Very remote	73.7	..	70.2	53.0	41.7	np	..	23.0	45.2
Non-Indigenous students									
Major cities	97.0	96.4	97.4	96.9	94.9	..	97.4	..	96.8
Inner Regional	96.6	96.3	96.4	95.6	94.7	94.7	np	..	96.2
Outer Regional	96.0	96.2	97.0	96.4	93.3	94.1	..	93.8	95.9
Remote	94.0	88.2	96.6	95.7	92.9	93.8	..	91.1	94.5
Very remote	100.0	..	96.7	95.0	82.0	np	..	90.8	94.0
All students									
Major cities	96.7	96.3	97.0	96.2	94.4	..	97.1	..	96.5
Inner Regional	95.6	96.0	95.8	94.7	94.0	94.3	np	..	95.5
Outer Regional	93.8	95.7	95.5	93.6	91.4	93.0	..	89.7	94.0
Remote	87.7	88.2	88.4	87.4	92.1	93.9	..	74.9	86.4
Very remote	85.7	..	80.7	71.8	62.1	np	..	31.1	61.9

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.6 **Proportion of year 3 students who achieved at or above the national minimum standard for writing, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	87.9	89.4	86.6	80.7	73.8	..	84.7	..	85.5
Inner Regional	86.5	87.1	86.6	77.9	79.2	88.0	np	..	86.2
Outer Regional	84.5	86.5	85.1	71.2	68.9	84.1	..	65.1	81.0
Remote	79.8	np	70.3	56.4	79.6	np	..	47.2	61.4
Very remote	86.2	..	64.8	42.4	44.3	np	..	15.8	38.8
Non-Indigenous students									
Major cities	96.5	96.0	95.6	95.6	93.2	..	96.0	..	95.9
Inner Regional	95.2	95.5	94.0	94.5	92.9	93.5	np	..	94.8
Outer Regional	94.9	95.6	94.9	93.5	90.8	93.3	..	92.2	94.1
Remote	94.3	90.6	93.7	93.7	90.4	93.8	..	91.2	92.8
Very remote	97.7	..	94.8	92.8	88.4	np	..	89.0	93.0
All students									
Major cities	96.1	95.9	95.1	94.9	92.4	..	95.6	..	95.4
Inner Regional	94.1	95.1	93.2	93.5	92.1	93.0	np	..	94.0
Outer Regional	92.8	94.9	93.1	90.1	88.5	91.7	..	87.1	92.0
Remote	88.9	90.6	86.0	83.2	89.4	93.6	..	72.5	83.7
Very remote	90.6	..	76.8	64.9	66.5	np	..	24.6	57.3

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.7 **Proportion of year 3 students who achieved at or above the national minimum standard for numeracy, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	89.9	91.7	88.7	87.2	83.2	..	86.1	..	88.7
Inner Regional	89.1	89.7	90.0	81.2	82.1	92.5	np	..	89.2
Outer Regional	86.0	89.5	85.4	80.9	74.8	92.0	..	79.9	84.7
Remote	80.0	np	69.8	72.9	80.4	np	..	65.8	71.5
Very remote	80.0	..	66.5	57.8	53.0	np	..	36.7	51.7
Non-Indigenous students									
Major cities	96.9	96.5	97.2	97.4	95.2	..	97.7	..	96.8
Inner Regional	96.8	96.6	96.6	96.7	95.4	96.5	np	..	96.6
Outer Regional	96.1	96.7	97.0	96.9	94.4	96.5	..	96.4	96.5
Remote	94.1	93.3	96.8	96.9	95.2	95.5	..	95.1	96.0
Very remote	98.9	..	97.0	95.7	89.6	np	..	97.1	96.1
All students									
Major cities	96.6	96.3	96.8	96.9	94.8	..	97.3	..	96.5
Inner Regional	95.8	96.3	95.9	95.9	94.7	96.2	np	..	96.0
Outer Regional	94.1	96.1	94.9	94.4	92.4	95.8	..	93.3	94.6
Remote	88.5	93.3	88.1	90.3	94.1	94.8	..	82.7	89.0
Very remote	88.3	..	78.8	74.4	71.5	np	..	43.9	66.8

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.8 **Proportion of year 5 students who achieved at or above the national minimum standard for reading, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	86.2	87.1	87.9	79.5	77.7	..	81.8	..	85.1
Inner Regional	83.9	83.1	89.2	81.7	74.4	87.5	np	..	85.3
Outer Regional	79.5	80.8	81.4	72.5	69.1	86.1	..	73.1	78.9
Remote	66.5	np	63.1	63.9	np	np	..	43.7	60.0
Very remote	59.2	..	52.7	41.5	37.0	np	..	18.1	35.8
Non-Indigenous students									
Major cities	96.3	96.1	96.7	96.6	94.3	..	97.7	..	96.3
Inner Regional	95.7	96.3	95.9	95.8	94.7	93.5	np	..	95.7
Outer Regional	95.3	96.0	95.7	95.4	93.1	92.3	..	93.9	95.0
Remote	92.4	99.6	95.8	95.9	94.6	93.7	..	94.4	95.2
Very remote	92.4	..	94.5	93.5	89.4	np	..	92.1	93.3
All students									
Major cities	95.9	95.9	96.3	95.9	93.7	..	97.2	..	95.8
Inner Regional	94.3	95.8	95.1	94.8	94.0	93.1	np	..	94.8
Outer Regional	92.5	94.9	93.2	92.0	90.4	91.4	..	90.3	92.6
Remote	82.1	99.6	85.9	86.9	93.9	91.4	..	74.2	85.4
Very remote	73.7	..	68.2	61.9	62.9	np	..	25.7	53.7

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.9 **Proportion of year 5 students who achieved at or above the national minimum standard for writing, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	78.0	78.2	72.2	68.1	62.1	..	64.2	..	73.6
Inner Regional	73.1	74.0	72.8	63.6	60.6	76.1	np	..	72.7
Outer Regional	69.3	75.0	67.8	57.7	51.0	75.3	..	55.9	66.0
Remote	57.0	np	51.4	49.0	np	np	..	27.4	46.4
Very remote	61.8	..	39.2	22.1	23.0	np	..	8.5	23.1
Non-Indigenous students									
Major cities	93.2	94.2	90.8	92.6	88.0	..	92.3	..	92.6
Inner Regional	89.7	92.8	86.7	89.3	85.9	88.2	np	..	89.6
Outer Regional	88.9	93.2	88.0	86.6	82.0	84.0	..	86.1	87.7
Remote	87.2	91.7	89.9	88.5	84.0	87.6	..	87.8	87.9
Very remote	89.2	..	86.3	85.3	79.2	np	..	79.3	84.4
All students									
Major cities	92.5	93.9	89.9	91.4	87.2	..	91.6	..	91.9
Inner Regional	87.6	92.1	85.0	87.5	85.0	87.2	np	..	88.1
Outer Regional	85.3	91.8	84.4	82.1	78.6	82.5	..	80.8	84.2
Remote	75.0	91.9	78.0	77.0	83.0	86.9	..	63.7	76.1
Very remote	73.5	..	55.9	46.7	50.3	np	..	15.5	41.8

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.10 **Proportion of year 5 students who achieved at or above the national minimum standard for numeracy, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	88.2	89.4	89.5	85.9	81.8	..	83.1	..	87.7
Inner Regional	86.5	83.8	91.6	86.1	76.3	92.2	np	..	87.8
Outer Regional	84.4	82.9	84.5	77.9	77.6	91.0	..	79.8	83.3
Remote	77.8	np	67.9	70.7	np	np	..	61.0	69.3
Very remote	70.8	..	61.7	50.5	45.8	np	..	29.6	45.9
Non-Indigenous students									
Major cities	96.8	96.6	97.3	97.3	94.9	..	97.3	..	96.8
Inner Regional	96.1	96.6	96.8	96.7	95.8	95.6	np	..	96.4
Outer Regional	96.3	96.9	96.5	96.6	94.3	95.4	..	97.0	96.3
Remote	94.4	98.7	97.3	97.7	94.3	94.0	..	96.7	96.6
Very remote	96.0	..	96.1	95.3	91.3	np	..	99.0	95.8
All students									
Major cities	96.5	96.5	96.8	96.7	94.4	..	96.9	..	96.4
Inner Regional	95.0	96.1	96.2	95.8	95.1	95.3	np	..	95.6
Outer Regional	94.1	95.8	94.4	93.7	92.4	94.7	..	94.0	94.2
Remote	87.8	98.7	88.4	89.8	93.9	91.9	..	82.5	88.9
Very remote	81.8	..	74.3	68.1	68.3	np	..	36.6	61.4

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.11 **Proportion of year 7 students who achieved at or above the national minimum standard for reading, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	85.0	84.9	87.2	74.7	78.3	..	84.2	..	83.6
Inner Regional	80.3	82.5	85.9	80.5	78.1	87.8	..	..	82.6
Outer Regional	74.7	82.6	78.7	71.3	70.3	84.5	..	68.1	76.4
Remote	64.0	np	56.2	66.9	79.0	np	..	41.2	57.0
Very remote	61.9	..	53.3	35.3	30.9	np	..	14.4	29.8
Non-Indigenous students									
Major cities	95.8	95.5	95.7	96.4	95.0	..	97.1	..	95.8
Inner Regional	94.4	95.0	94.4	95.7	94.4	93.9	..	..	94.6
Outer Regional	92.2	93.3	94.8	94.5	92.9	91.0	..	93.5	93.6
Remote	89.3	95.8	93.2	94.8	95.0	np	..	95.0	94.3
Very remote	np	..	91.7	94.3	94.1	np	..	92.6	92.4
All students									
Major cities	95.4	95.3	95.3	95.4	94.4	..	96.8	..	95.3
Inner Regional	92.7	94.5	93.5	94.5	93.7	93.5	..	..	93.5
Outer Regional	89.0	92.3	91.9	91.0	90.7	89.9	..	88.8	90.9
Remote	76.4	95.9	80.3	86.6	93.5	89.1	..	68.5	82.6
Very remote	72.5	..	68.5	55.3	60.0	np	..	21.1	47.8

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.12 **Proportion of year 7 students who achieved at or above the national minimum standard for writing, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	71.0	75.2	69.8	61.2	61.9	..	70.4	..	69.0
Inner Regional	60.8	65.8	63.3	65.6	61.1	70.5	..	..	62.9
Outer Regional	56.5	66.7	55.8	51.5	49.2	69.7	..	49.4	56.2
Remote	40.6	np	42.3	48.5	58.5	np	..	22.0	38.6
Very remote	39.2	..	30.1	20.2	17.6	np	..	3.0	14.8
Non-Indigenous students									
Major cities	91.2	91.8	87.6	90.6	89.2	..	89.2	..	90.4
Inner Regional	84.6	87.0	82.3	87.4	86.4	86.2	..	..	85.1
Outer Regional	80.5	85.5	83.0	83.7	83.3	81.3	..	83.6	82.9
Remote	65.6	92.1	81.0	86.1	85.9	np	..	83.3	83.5
Very remote	np	..	76.7	86.3	76.5	np	..	77.2	79.8
All students									
Major cities	90.4	91.5	86.8	89.1	88.2	..	88.8	..	89.6
Inner Regional	81.7	86.3	80.3	85.3	85.3	85.2	..	..	83.2
Outer Regional	75.8	83.8	78.0	78.9	80.1	79.5	..	77.1	78.6
Remote	53.5	92.3	67.4	74.6	83.5	60.0	..	53.3	69.3
Very remote	53.2	..	47.9	42.3	43.8	np	..	9.4	33.0

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.13 **Proportion of year 7 students who achieved at or above the national minimum standard for numeracy, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	88.4	87.4	89.7	86.5	81.6	..	89.6	..	87.9
Inner Regional	85.9	85.2	88.4	83.8	78.5	91.9	..	..	86.7
Outer Regional	83.1	86.3	84.3	83.9	75.0	93.2	..	77.5	83.5
Remote	80.4	np	67.7	80.0	88.2	np	..	55.6	70.2
Very remote	67.7	..	66.8	57.1	42.8	np	..	32.7	47.3
Non-Indigenous students									
Major cities	96.9	96.2	96.7	97.4	95.7	..	97.6	..	96.7
Inner Regional	95.8	95.9	95.8	97.4	95.1	95.8	..	..	95.9
Outer Regional	94.8	95.5	96.3	95.9	94.6	94.3	..	96.1	95.6
Remote	89.8	95.3	95.6	97.1	96.2	np	..	97.3	96.3
Very remote	np	..	95.9	96.2	96.3	np	..	97.5	96.0
All students									
Major cities	96.5	96.1	96.4	96.9	95.2	..	97.4	..	96.4
Inner Regional	94.6	95.5	95.1	96.2	94.3	95.6	..	..	95.1
Outer Regional	92.6	94.7	94.0	94.0	92.6	94.2	..	92.6	93.6
Remote	84.8	95.4	85.8	92.2	95.7	91.4	..	76.7	88.2
Very remote	76.7	..	78.6	70.5	66.9	np	..	38.4	61.4

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.14 **Proportion of year 9 students who achieved at or above the national minimum standard for reading, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	84.7	82.6	84.6	80.7	75.2	..	89.1	..	83.4
Inner Regional	79.2	79.7	78.9	78.2	74.3	79.5	..	..	79.1
Outer Regional	73.5	82.0	71.4	77.0	68.8	83.5	..	67.4	73.2
Remote	72.1	np	64.7	69.2	np	np	..	35.3	58.1
Very remote	np	..	47.9	46.1	np	np	..	9.1	28.2
Non-Indigenous students									
Major cities	95.6	94.7	94.4	96.9	93.4	..	97.3	..	95.2
Inner Regional	93.8	93.7	91.4	96.1	92.3	93.4	..	..	93.3
Outer Regional	92.5	93.3	92.4	94.8	91.0	91.3	..	92.4	92.6
Remote	90.5	99.0	89.0	96.0	92.5	np	..	90.6	93.1
Very remote	np	..	88.2	94.8	93.1	np	..	96.4	92.2
All students									
Major cities	95.1	94.4	94.0	96.2	92.9	..	97.0	..	94.7
Inner Regional	92.1	93.2	90.1	94.9	91.8	92.5	..	..	92.1
Outer Regional	88.8	92.5	88.8	92.8	88.9	90.1	..	87.5	89.7
Remote	81.5	99.1	80.0	87.2	91.5	np	..	63.1	81.8
Very remote	69.7	..	62.5	64.4	65.7	np	..	15.3	46.3

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.15 **Proportion of year 9 students who achieved at or above the national minimum standard for writing, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	57.8	58.7	56.0	51.8	47.7	..	61.2	..	56.0
Inner Regional	48.6	56.5	49.4	49.1	42.1	53.4	..	..	49.9
Outer Regional	39.5	48.9	39.2	41.8	31.9	51.6	..	38.2	40.3
Remote	29.8	np	26.9	36.6	np	np	..	14.5	27.2
Very remote	24.7	..	19.2	23.7	np	np	..	3.1	12.5
Non-Indigenous students									
Major cities	85.5	85.5	79.6	87.6	78.6	..	84.1	..	84.1
Inner Regional	76.0	79.2	70.9	82.0	70.3	77.2	..	..	75.9
Outer Regional	71.0	78.2	71.8	77.6	69.1	71.4	..	75.8	73.1
Remote	64.8	90.5	60.5	77.4	70.7	np	..	65.4	71.2
Very remote	np	..	61.1	74.1	66.9	np	..	76.4	69.1
All students									
Major cities	84.3	85.1	78.5	85.9	77.9	..	83.5	..	83.1
Inner Regional	72.8	78.3	68.7	79.5	69.5	75.8	..	..	73.8
Outer Regional	65.0	76.3	66.1	73.3	65.8	68.5	..	68.5	68.2
Remote	48.2	91.3	47.7	64.0	69.2	np	..	40.1	57.0
Very remote	46.9	..	34.4	42.5	41.6	np	..	8.3	28.3

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.16 **Proportion of year 9 students who achieved at or above the national minimum standard for numeracy, by Indigenous status, by geolocation, 2018 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	89.2	86.6	90.2	87.7	82.4	..	89.9	..	88.5
Inner Regional	85.9	85.5	87.2	88.5	82.4	88.4	..	..	86.4
Outer Regional	84.1	84.1	81.8	85.7	81.1	91.8	..	83.3	83.5
Remote	82.6	np	80.7	80.4	np	np	..	59.2	74.0
Very remote	np	..	66.8	64.0	np	np	..	38.1	52.4
Non-Indigenous students									
Major cities	96.9	95.9	96.5	97.8	94.8	..	97.7	..	96.5
Inner Regional	95.6	95.2	95.1	97.3	95.0	96.0	..	..	95.5
Outer Regional	95.7	95.0	96.1	97.1	94.5	95.6	..	95.8	95.7
Remote	96.8	99.6	95.3	97.7	96.3	np	..	94.3	96.5
Very remote	np	..	94.3	97.6	98.2	np	..	98.8	96.7
All students									
Major cities	96.6	95.8	96.2	97.3	94.6	..	97.4	..	96.2
Inner Regional	94.4	94.9	94.3	96.5	94.6	95.5	..	..	94.7
Outer Regional	93.5	94.3	93.7	95.7	93.3	95.0	..	93.4	93.9
Remote	89.8	99.6	89.6	92.3	95.1	np	..	76.9	89.3
Very remote	84.7	..	77.2	76.8	82.2	np	..	42.5	65.1

(a) Exempt students were not assessed and are deemed not to have met the national minimum standard.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.17 **Year 3 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NSW									
Major cities	97.3	97.0	96.9	94.0	93.2	92.9	97.5	97.1	97.1
Inner Regional	95.4	94.9	94.9	93.9	93.1	92.4	95.7	95.3	95.3
Outer Regional	94.9	94.6	94.2	93.2	92.2	92.0	95.3	95.4	94.8
Remote	93.3	92.7	93.0	88.7	89.5	90.3	95.6	94.6	94.1
Very remote	92.2	88.0	90.5	86.7	78.7	83.3	98.1	98.1	98.1
Total	**96.8**	**96.4**	**96.4**	**93.6**	**92.7**	**92.4**	**97.0**	**96.7**	**96.7**
Victoria									
Major cities	95.1	94.8	94.8	89.6	87.9	88.1	95.2	95.0	95.0
Inner Regional	92.6	92.6	92.5	89.4	89.6	90.6	92.9	92.9	92.8
Outer Regional	92.6	92.9	92.8	82.6	84.3	82.2	93.5	93.8	93.8
Remote	96.1	94.1	96.1	np	np	np	96.1	94.1	96.1
Very remote	..	..	..	..	..	..	..	..	..
Total	**94.5**	**94.3**	**94.3**	**88.4**	**88.0**	**88.1**	**94.7**	**94.5**	**94.5**
Queensland									
Major cities	93.5	93.2	93.2	88.0	87.7	87.7	93.9	93.6	93.6
Inner Regional	91.5	91.0	91.0	86.9	86.7	86.0	92.4	91.9	91.9
Outer Regional	92.1	91.9	91.5	87.0	86.8	85.2	94.0	93.7	93.6
Remote	90.8	90.3	88.7	83.2	83.8	79.9	94.5	93.7	93.6
Very remote	88.2	88.0	86.5	85.5	85.1	81.9	92.4	92.7	93.0
Total	**92.8**	**92.5**	**92.4**	**86.9**	**86.7**	**85.6**	**93.6**	**93.3**	**93.3**
WA									
Major cities	96.1	95.7	95.7	89.3	89.1	88.3	96.5	96.2	96.2
Inner Regional	94.6	94.4	94.7	92.4	93.6	92.4	95.0	94.8	95.0
Outer Regional	94.5	94.2	94.1	91.2	91.5	90.9	95.0	94.8	94.8

Table NIRA.11.17 **Year 3 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
Remote	91.6	91.4	90.3	79.6	79.8	75.9	96.5	95.9	96.1
Very remote	79.9	78.6	76.5	68.9	66.3	63.6	93.3	93.6	92.7
Total	**95.2**	**94.9**	**94.8**	**84.4**	**83.9**	**82.3**	**96.2**	**95.9**	**96.0**
SA									
Major cities	93.3	92.5	93.1	85.5	84.7	83.8	93.6	92.8	93.5
Inner Regional	90.4	89.9	90.1	79.4	79.4	78.4	91.0	90.6	90.7
Outer Regional	92.5	91.5	91.7	85.3	83.0	81.9	93.4	92.6	92.9
Remote	93.5	92.1	91.3	86.7	80.0	82.2	94.3	93.3	92.2
Very remote	75.9	77.8	77.2	66.7	71.0	66.7	88.9	86.4	90.1
Total	**92.8**	**92.0**	**92.4**	**83.6**	**82.6**	**81.5**	**93.3**	**92.5**	**93.0**
Tasmania									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	93.9	93.8	93.6	93.3	94.2	92.5	95.9	95.7	95.7
Outer Regional	95.6	95.3	94.6	94.6	95.0	94.3	95.6	95.3	94.6
Remote	96.5	91.8	94.1	np	np	np	97.2	91.5	95.8
Very remote	np	np	np	np	np	np	np	np	np
Total	**94.4**	**94.2**	**93.9**	**93.9**	**94.5**	**93.1**	**95.8**	**95.5**	**95.4**
ACT									
Major cities	94.6	93.9	94.2	84.5	79.3	84.5	94.8	94.3	94.4
Inner Regional	np	np	np	np	np	np	np	np	np
Outer Regional	..	..	..	..	..	..	..	..	..
Remote	..	..	..	..	..	..	..	..	..
Very remote	..	..	..	..	..	..	..	..	..
Total	**94.6**	**93.9**	**94.2**	**84.7**	**79.0**	**84.7**	**94.8**	**94.3**	**94.4**

Table NIRA.11.17 **Year 3 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NT									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	..	..	..	..	..	..	..	..	..
Outer Regional	94.3	94.8	93.7	88.7	91.0	86.1	95.5	95.6	95.5
Remote	85.3	86.0	83.6	79.4	81.1	76.4	89.5	89.5	88.8
Very remote	69.8	71.9	68.0	65.9	68.2	64.0	98.2	99.1	97.2
Total	**86.0**	**87.0**	**84.9**	**74.1**	**76.3**	**71.8**	**94.5**	**94.6**	**94.2**
Aust									
Major cities	95.5	95.1	95.2	90.4	89.6	89.5	95.7	95.4	95.4
Inner Regional	93.4	93.1	93.1	91.0	90.7	90.1	94.0	93.7	93.6
Outer Regional	93.3	93.1	92.8	89.1	89.0	87.5	94.4	94.3	94.1
Remote	90.9	90.5	89.3	81.8	82.3	78.9	94.6	93.9	93.7
Very remote	79.8	80.0	77.8	72.8	73.0	69.7	93.3	93.4	93.4
Total	**94.7**	**94.4**	**94.3**	**87.9**	**87.6**	**86.5**	**95.3**	**95.0**	**95.0**

(a) Participation rates are calculated on the basis of all assessed and exempt students as a percentage of the total number of year 3 students reported by schools which includes those absent and withdrawn.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.18 **Year 5 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NSW									
Major cities	97.7	97.6	97.2	94.8	95.1	93.6	97.8	97.8	97.4
Inner Regional	95.9	96.0	95.1	93.7	93.0	92.9	96.3	96.5	95.5
Outer Regional	95.5	95.4	94.8	93.3	93.3	92.0	96.1	96.0	95.6
Remote	95.1	94.8	94.3	92.6	91.9	89.9	96.7	96.7	97.2
Very remote	92.5	92.5	90.2	94.7	94.7	92.1	88.0	88.0	86.0
Total	**97.2**	**97.2**	**96.6**	**94.1**	**94.0**	**93.0**	**97.5**	**97.4**	**96.9**
Victoria									
Major cities	95.6	95.5	95.2	84.9	85.8	85.8	95.8	95.7	95.4
Inner Regional	93.5	92.8	93.0	89.0	87.8	87.6	93.7	93.0	93.2
Outer Regional	92.7	92.5	92.9	87.4	88.7	89.2	93.2	93.0	93.3
Remote	95.7	93.6	95.7	np	np	np	95.7	93.5	95.7
Very remote	..	..	..	..	..	..	..	..	..
Total	**95.1**	**94.8**	**94.7**	**86.9**	**87.1**	**87.1**	**95.3**	**95.0**	**94.8**
Queensland									
Major cities	94.2	93.9	93.8	89.3	89.3	88.5	94.6	94.2	94.2
Inner Regional	92.2	91.9	91.5	88.5	87.3	87.8	93.0	92.7	92.3
Outer Regional	92.0	91.8	91.2	86.8	86.5	84.8	93.8	93.7	93.3
Remote	93.1	93.0	92.5	87.1	88.3	85.1	96.0	95.3	95.7
Very remote	86.6	87.1	84.0	83.5	84.3	78.7	91.4	91.1	92.1
Total	**93.4**	**93.0**	**92.8**	**87.7**	**87.5**	**86.1**	**94.2**	**93.9**	**93.7**
WA									
Major cities	96.9	96.8	96.5	89.7	90.2	88.4	97.3	97.3	97.0
Inner Regional	96.2	96.3	95.6	94.4	95.6	92.2	96.6	96.7	96.0
Outer Regional	95.4	95.5	94.9	87.4	90.0	87.1	96.8	96.4	96.2

Table NIRA.11.18 **Year 5 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
Remote	93.4	93.1	92.5	84.3	84.8	83.2	96.9	96.3	96.2
Very remote	81.1	81.3	76.9	73.2	72.1	66.6	93.0	95.2	93.0
Total	**96.2**	**96.2**	**95.7**	**85.6**	**86.2**	**83.4**	**97.2**	**97.1**	**96.8**
SA									
Major cities	94.6	94.3	94.1	87.1	84.7	85.7	95.0	94.7	94.4
Inner Regional	92.5	92.3	92.2	86.0	83.9	86.0	92.6	92.4	92.4
Outer Regional	93.6	93.0	92.5	87.1	86.8	84.9	94.4	93.7	93.4
Remote	91.5	91.1	90.2	np	np	np	92.1	91.9	90.4
Very remote	79.1	80.4	77.4	67.1	65.8	64.4	91.1	92.4	88.8
Total	**94.1**	**93.7**	**93.4**	**85.3**	**83.6**	**83.9**	**94.5**	**94.2**	**93.9**
Tasmania									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	93.6	93.7	92.8	93.5	92.5	92.2	95.5	95.7	94.7
Outer Regional	94.6	94.9	94.6	90.4	90.8	91.2	95.3	95.6	95.1
Remote	95.1	93.8	95.1	np	np	np	96.8	95.2	95.2
Very remote	np	np	np	np	np	np	np	np	np
Total	**93.9**	**94**	**93.3**	**92.2**	**91.7**	**91.8**	**95.4**	**95.6**	**94.7**
ACT									
Major cities	95.8	95.3	95.0	88.7	88.1	86.8	96.1	95.5	95.3
Inner Regional	np	np	np	np	np	np	np	np	np
Outer Regional	..	..	..	..	..	..	..	..	..
Remote	..	..	..	..	..	..	..	..	..
Very remote	..	..	..	..	..	..	..	..	..
Total	**95.8**	**95.3**	**95.0**	**88.5**	**88.5**	**86.1**	**96.1**	**95.5**	**95.3**

Table NIRA.11.18 **Year 5 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NT									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	..	..	..	..	..	..	..	..	..
Outer Regional	95.7	95.9	94.7	92.5	92.2	89.3	96.4	96.7	95.9
Remote	84.4	85.6	81.3	77.1	79.5	71.7	89.2	89.7	87.7
Very remote	72.9	76.0	70.1	70.6	73.9	67.5	95.2	97.6	96.4
Total	**88.0**	**89.1**	**86.2**	**77.4**	**79.6**	**73.8**	**95.0**	**95.4**	**94.3**
Aust									
Major cities	96.1	96.0	95.7	91.0	91.1	90.0	96.4	96.2	95.9
Inner Regional	94.1	93.9	93.5	91.6	90.7	90.6	94.6	94.5	94.0
Outer Regional	93.6	93.5	93.0	89.1	89.2	87.7	94.8	94.6	94.3
Remote	91.9	91.8	90.7	84.3	85.1	82.0	94.8	94.4	94.0
Very remote	80.8	82.0	77.7	75.7	76.9	71.3	92.0	93.0	91.7
Total	**95.3**	**95.2**	**94.8**	**88.8**	**88.8**	**87.3**	**95.9**	**95.7**	**95.4**

(a) Participation rates are calculated on the basis of all assessed and exempt students as a percentage of the total number of year 5 students reported by schools which includes those absent and withdrawn.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.19 **Year 7 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NSW									
Major cities	97.0	97.2	96.5	90.6	90.5	88.3	97.3	97.5	96.8
Inner Regional	94.1	94.3	93.0	87.7	88.5	84.9	95.1	95.2	94.2
Outer Regional	94.1	94.5	93.2	88.5	89.1	87.7	95.6	95.9	94.6
Remote	89.6	90.0	90.0	81.7	85.3	86.2	97.3	94.5	96.4
Very remote	76.5	78.8	76.5	71.2	75.0	71.2	np	np	np
Total	**96.3**	**96.5**	**95.6**	**88.9**	**89.3**	**86.7**	**96.8**	**97.0**	**96.2**
Victoria									
Major cities	95.1	95.2	94.7	85.3	86.8	84.3	95.3	95.4	94.9
Inner Regional	92.2	92.3	91.6	86.6	88.0	82.9	92.5	92.6	92.0
Outer Regional	90.7	91.4	90.5	78.3	78.3	76.5	91.9	92.6	91.9
Remote	92.3	97.4	89.7	np	np	np	92.1	97.4	89.5
Very remote	..	..	..	..	..	..	..	..	..
Total	**94.4**	**94.5**	**93.9**	**84.6**	**85.8**	**82.4**	**94.6**	**94.8**	**94.2**
Queensland									
Major cities	91.2	91.4	90.8	82.7	82.6	80.8	92.0	92.2	91.6
Inner Regional	89.1	89.6	88.6	82.3	82.9	81.9	90.0	90.6	89.5
Outer Regional	89.2	89.3	88.4	81.5	81.7	80.6	91.7	92.0	90.9
Remote	89.4	89.1	86.8	81.7	81.2	76.7	94.6	94.6	93.3
Very remote	81.1	81.7	78.8	75.7	76.4	71.5	88.7	89.2	89.2
Total	**90.4**	**90.6**	**89.8**	**81.8**	**82.0**	**80.3**	**91.6**	**91.9**	**91.1**
WA									
Major cities	96.7	96.8	95.9	83.7	85.2	83.0	97.5	97.5	96.7
Inner Regional	95.0	94.8	93.6	85.7	87.8	79.6	95.9	95.7	94.8
Outer Regional	93.6	94.0	92.8	86.3	86.9	83.8	95.4	95.8	95.0

Table NIRA.11.19 **Year 7 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
Remote	89.3	89.5	87.9	70.9	73.3	68.7	96.4	96.3	95.8
Very remote	74.2	74.7	70.1	64.8	65.1	59.6	91.7	93.4	91.2
Total	**95.6**	**95.7**	**94.7**	**79.0**	**80.4**	**76.5**	**97.2**	**97.2**	**96.3**
SA									
Major cities	94.3	94.1	93.7	81.7	82.8	80.3	94.8	94.6	94.2
Inner Regional	91.6	91.5	91.0	85.3	82.1	84.2	91.8	91.8	91.3
Outer Regional	90.6	91.7	90.7	79.9	83.3	78.2	91.6	92.5	92.0
Remote	92.5	92.5	92.1	94.9	94.9	94.9	92.1	92.1	91.9
Very remote	75.6	75.0	73.9	63.0	66.3	57.6	93.3	89.3	94.7
Total	**93.3**	**93.3**	**92.8**	**80.4**	**81.7**	**78.6**	**94.0**	**94.0**	**93.5**
Tasmania									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	93.6	93.8	92.9	92.7	92.4	92.1	95.4	95.6	94.6
Outer Regional	93.5	93.9	92.9	91.6	92.4	92.8	93.8	94.3	92.9
Remote	91.4	91.4	85.7	np	np	np	np	np	np
Very remote	np	np	np	np	np	np	np	np	np
Total	**93.6**	**93.8**	**92.8**	**92.3**	**92.5**	**92.5**	**94.9**	**95.2**	**94.1**
ACT									
Major cities	94.4	94.3	92.5	77.9	80.5	78.6	94.7	94.6	92.9
Inner Regional	..	..	..	..	..	..	..	..	..
Outer Regional	..	..	..	..	..	..	..	..	..
Remote	..	..	..	..	..	..	..	..	..
Very remote	..	..	..	..	..	..	..	..	..
Total	**94.4**	**94.3**	**92.5**	**77.9**	**80.5**	**78.6**	**94.7**	**94.6**	**92.9**

Table NIRA.11.19 **Year 7 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NT									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	..	..	..	..	..	..	..	..	..
Outer Regional	94.0	94.0	93.1	87.0	87.3	85.5	95.6	95.5	94.9
Remote	84.1	85.4	82.1	74.8	76.5	71.4	92.8	93.8	92.2
Very remote	64.0	64.9	61.1	60.7	62.0	57.7	98.5	98.5	98.5
Total	**85.0**	**85.5**	**83.5**	**70.7**	**71.8**	**68.1**	**95.2**	**95.3**	**94.6**
Aust									
Major cities	95.1	95.2	94.5	86.1	86.6	84.4	95.5	95.6	95.0
Inner Regional	92.3	92.6	91.5	86.3	87.0	84.1	93.1	93.3	92.4
Outer Regional	91.4	91.8	90.7	84.3	84.8	83.3	93.1	93.5	92.6
Remote	88.9	89.3	87.4	76.8	78.4	74.5	94.5	94.6	93.8
Very remote	72.7	73.3	69.8	65.1	66.3	61.3	91.4	91.6	91.6
Total	**94.0**	**94.2**	**93.4**	**83.4**	**84.1**	**81.5**	**94.9**	**95.0**	**94.3**

(a) Participation rates are calculated on the basis of all assessed and exempt students as a percentage of the total number of year 7 students reported by schools which includes those absent and withdrawn.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.20 **Year 9 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NSW									
Major cities	95.1	95.4	94.3	83.1	84.1	80.6	95.6	95.9	94.9
Inner Regional	89.8	90.4	88.8	77.0	77.9	75.9	91.6	92.2	90.7
Outer Regional	89.7	89.3	87.0	78.7	78.2	73.8	92.4	92.2	90.2
Remote	81.7	79.5	77.6	71.7	67.0	68.9	90.5	90.5	86.7
Very remote	77.8	84.7	80.6	np	78.9	np	np	np	np
Total	**93.8**	**94.1**	**92.8**	**79.9**	**80.6**	**77.6**	**94.7**	**95.1**	**93.9**
Victoria									
Major cities	91.3	91.9	90.6	71.2	71.2	68.3	91.6	92.3	91.0
Inner Regional	85.6	86.5	84.9	70.0	72.2	68.8	86.4	87.2	85.6
Outer Regional	87.2	87.7	85.8	62.0	66.7	62	88.9	89.2	87.5
Remote	100	99.1	98.1	np	np	np	100.0	99.0	98.0
Very remote	..	..	..	..	..	..	..	..	..
Total	**90.1**	**90.7**	**89.3**	**69.3**	**70.9**	**67.5**	**90.5**	**91.2**	**89.8**
Queensland									
Major cities	86.4	86.9	85.8	71.3	71.7	70.2	87.6	88.1	87
Inner Regional	83.5	84.2	82.9	74.0	75.8	73.3	84.7	85.4	84.3
Outer Regional	83.8	83.8	82.8	75.0	75.5	73.3	86.5	86.5	85.6
Remote	79.8	83.3	80.4	67.3	73.7	67.3	88.7	89.7	89.4
Very remote	70.5	72.4	68.1	64.5	65.6	60.6	77.8	78.4	77.8
Total	**85.2**	**85.7**	**84.6**	**72.6**	**73.6**	**71.3**	**86.9**	**87.3**	**86.3**
WA									
Major cities	95.7	95.9	95.0	77.2	78.5	76.0	96.7	96.9	96.0
Inner Regional	93.2	93.1	91.9	75.9	74.9	72.4	94.5	94.6	93.5
Outer Regional	92.8	92.8	91.5	76.2	75.9	74.3	95.3	95.6	94.5

Table NIRA.11.20 **Year 9 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
Remote	81.8	83.1	81.3	54.9	59.9	52.9	94.9	94.3	95.0
Very remote	62.0	64.1	58.9	43.5	46.6	38.6	92.7	93.3	91.3
Total	**94.2**	**94.5**	**93.4**	**67.9**	**69.6**	**65.7**	**96.3**	**96.5**	**95.6**
SA									
Major cities	90.2	90.2	89.2	69.8	70.8	65.6	90.8	90.8	89.9
Inner Regional	88.0	89.0	86.7	76.1	76.1	73.1	88.5	89.5	87.3
Outer Regional	87.8	88.7	85.6	68.9	69.9	66.5	89.7	90.6	87.5
Remote	90.5	91.2	90.3	np	np	np	92.9	93.1	92.2
Very remote	67.7	68.3	67.7	np	np	np	88.5	89.7	84.6
Total	**89.5**	**89.7**	**88.3**	**68.1**	**68.9**	**65.0**	**90.5**	**90.7**	**89.4**
Tasmania									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	89.3	89.5	88.6	81.5	80.4	80.0	91.4	91.8	90.7
Outer Regional	90.9	91.7	89.2	88.6	88.6	82.6	91.5	92.4	90.5
Remote	np	np	np	np	np	np	np	np	np
Very remote	np	np	np	np	np	np	np	np	np
Total	**89.7**	**90.1**	**88.7**	**84.4**	**84.0**	**81.2**	**91.4**	**91.9**	**90.6**
ACT									
Major cities	89.6	89.8	87.6	64.6	66.5	64.0	90.3	90.5	88.3
Inner Regional	..	..	..	..	..	..	..	..	..
Outer Regional	..	..	..	..	..	..	..	..	..
Remote	..	..	..	..	..	..	..	..	..
Very remote	..	..	..	..	..	..	..	..	..
Total	**89.6**	**89.8**	**87.6**	**64.6**	**66.5**	**64.0**	**90.3**	**90.5**	**88.3**

Table NIRA.11.20 **Year 9 student participation in assessment, by Indigenous status, 2018 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NT									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	..	..	..	..	..	..	..	..	..
Outer Regional	89.6	90.7	88.1	79.3	82.1	76.5	91.9	92.7	90.7
Remote	81.4	80.9	78.3	67.7	67.0	64.6	94.9	94.6	91.9
Very remote	46.7	47.5	42.4	42.9	43.9	38.5	94.0	94.0	92.0
Total	**77.8**	**78.6**	**75.4**	**57.8**	**58.9**	**54.1**	**92.5**	**93.1**	**91**
Aust									
Major cities	92.0	92.4	91.2	76.7	77.5	74.6	92.7	93.1	91.9
Inner Regional	87.4	88.0	86.5	75.6	76.7	74.5	88.7	89.3	87.9
Outer Regional	87.4	87.6	85.8	76.1	76.8	73.3	89.7	89.9	88.3
Remote	83.4	84.3	82.3	64.0	66.2	62.0	93.4	93.3	92.5
Very remote	59.7	61.4	57.0	48.5	49.9	44.3	86.5	87.7	85.9
Total	**90.5**	**90.9**	**89.6**	**73.1**	**74.1**	**71.0**	**91.7**	**92.1**	**90.9**

(a) Participation rates are calculated on the basis of all assessed and exempt students as a percentage of the total number of year 9 students reported by schools which includes those absent and withdrawn.

.. Not applicable. **np** Not published.

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.21 **Proportion of student exemptions, by Indigenous status, 2018 (per cent)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Year 3 reading									
Aboriginal and Torres Strait Islander	3.0	5.8	1.8	1.8	4.1	1.9	5.7	1.4	2.6
Non-Indigenous	1.5	2.5	1.1	1.1	2.4	1.7	1.5	1.3	1.7
Total	**1.6**	**2.6**	**1.2**	**1.2**	**2.5**	**1.8**	**1.6**	**1.3**	**1.8**
Year 3 writing									
Aboriginal and Torres Strait Islander	2.9	5.9	1.8	1.8	3.9	1.9	5.7	1.2	2.6
Non-Indigenous	1.5	2.5	1.0	1.1	2.2	1.7	1.5	1.3	1.7
Total	**1.6**	**2.7**	**1.1**	**1.2**	**2.3**	**1.8**	**1.6**	**1.3**	**1.8**
Year 3 numeracy									
Aboriginal and Torres Strait Islander	3.0	5.7	1.8	1.8	3.9	1.9	5.7	1.2	2.6
Non-Indigenous	1.5	2.4	1.0	1.1	2.3	1.7	1.5	1.2	1.6
Total	**1.6**	**2.6**	**1.1**	**1.2**	**2.4**	**1.7**	**1.5**	**1.2**	**1.7**
Year 5 reading									
Aboriginal and Torres Strait Islander	2.9	7.1	2.0	1.4	4.3	1.4	6.1	1.8	2.7
Non-Indigenous	1.4	2.3	1.1	1.1	2.4	1.5	1.2	0.7	1.6
Total	**1.5**	**2.5**	**1.2**	**1.1**	**2.6**	**1.6**	**1.4**	**1.2**	**1.7**
Year 5 writing									
Aboriginal and Torres Strait Islander	2.9	7.1	2.0	1.4	4.3	1.4	6.1	1.8	2.7
Non-Indigenous	1.4	2.4	1.1	1.1	2.5	1.5	1.2	0.8	1.6
Total	**1.5**	**2.5**	**1.2**	**1.1**	**2.6**	**1.6**	**1.3**	**1.2**	**1.7**
Year 5 numeracy									
Aboriginal and Torres Strait Islander	2.9	7.0	2.0	1.4	4.5	1.4	6.1	1.8	2.7
Non-Indigenous	1.4	2.3	1.1	1.0	2.4	1.5	1.2	0.6	1.6
Total	**1.5**	**2.4**	**1.2**	**1.1**	**2.6**	**1.5**	**1.4**	**1.1**	**1.7**
Year 7 reading									
Aboriginal and Torres Strait Islander	2.8	4.6	2.1	1.2	5.6	1.5	5.8	3.2	2.7
Non-Indigenous	1.3	2.2	1.3	1.1	2.2	1.7	1.5	1.5	1.6

Table NIRA.11.21 **Proportion of student exemptions, by Indigenous status, 2018 (per cent)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Total	**1.4**	**2.2**	**1.4**	**1.1**	**2.4**	**1.7**	**1.6**	**2.2**	**1.7**
Year 7 writing									
Aboriginal and Torres Strait Islander	2.8	4.5	2.1	1.2	5.6	1.5	4.5	3.2	2.7
Non-Indigenous	1.3	2.2	1.3	1.2	2.3	1.7	1.5	1.4	1.6
Total	**1.4**	**2.3**	**1.4**	**1.2**	**2.5**	**1.7**	**1.5**	**2.2**	**1.7**
Year 7 numeracy									
Aboriginal and Torres Strait Islander	2.8	4.6	2.1	1.2	5.5	1.5	5.8	3.2	2.7
Non-Indigenous	1.3	2.1	1.3	1.1	2.2	1.7	1.5	1.5	1.6
Total	**1.4**	**2.2**	**1.4**	**1.1**	**2.4**	**1.7**	**1.6**	**2.2**	**1.7**
Year 9 reading									
Aboriginal and Torres Strait Islander	2.6	6.5	2.6	1.2	4.7	1.6	4.3	1.8	2.8
Non-Indigenous	1.6	2.5	1.5	1.2	2.9	1.3	1.5	1.7	1.9
Total	**1.7**	**2.7**	**1.5**	**1.2**	**2.9**	**1.4**	**1.6**	**1.7**	**1.9**
Year 9 writing									
Aboriginal and Torres Strait Islander	2.6	6.6	2.6	1.3	4.7	1.6	4.3	1.8	2.8
Non-Indigenous	1.6	2.5	1.5	1.2	2.9	1.3	1.3	1.7	1.9
Total	**1.7**	**2.7**	**1.5**	**1.2**	**2.9**	**1.4**	**1.4**	**1.7**	**1.9**
Year 9 numeracy									
Aboriginal and Torres Strait Islander	2.6	6.6	2.6	1.2	4.8	1.6	4.3	1.8	2.8
Non-Indigenous	1.6	2.5	1.4	1.2	2.9	1.3	1.5	1.7	1.9
Total	**1.7**	**2.6**	**1.5**	**1.2**	**2.9**	**1.4**	**1.6**	**1.7**	**1.9**

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.22 **Proportion of student absences, by Indigenous status, 2018 (per cent)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Year 3 reading									
Aboriginal and Torres Strait Islander	3.8	5.3	5.3	13.3	9.6	4.6	2.8	24.0	7.5
Non-Indigenous	1.5	2.5	1.7	1.7	2.6	2.7	1.4	2.2	1.9
Total	**1.6**	**2.6**	**2.1**	**2.6**	**3.0**	**2.8**	**1.4**	**11.3**	**2.3**
Year 3 writing									
Aboriginal and Torres Strait Islander	5.0	5.8	5.6	13.8	11.2	3.9	8.5	21.8	8.0
Non-Indigenous	1.9	2.6	1.9	2.0	3.6	3.1	1.8	2.1	2.2
Total	**2.1**	**2.7**	**2.3**	**3.0**	**4.0**	**3.2**	**2.0**	**10.2**	**2.6**
Year 3 numeracy									
Aboriginal and Torres Strait Islander	5.1	5.8	7.1	15.3	11.7	5.5	4.5	26.2	9.0
Non-Indigenous	1.9	3.0	2.3	2.1	3.2	3.3	2.2	2.5	2.4
Total	**2.1**	**3.0**	**2.8**	**3.1**	**3.7**	**3.4**	**2.3**	**12.3**	**2.8**
Year 5 reading									
Aboriginal and Torres Strait Islander	3.9	7.0	5.6	12.0	10.3	5.2	3.6	21.2	7.3
Non-Indigenous	1.5	2.5	1.8	1.5	2.6	3.5	1.1	2.8	1.9
Total	**1.7**	**2.5**	**2.2**	**2.3**	**3.0**	**3.7**	**1.3**	**10.1**	**2.3**
Year 5 writing									
Aboriginal and Torres Strait Islander	4.0	6.7	5.8	11.3	11.6	5.7	4.8	18.9	7.2
Non-Indigenous	1.5	2.6	2.0	1.5	2.9	3.2	1.6	2.4	2.0
Total	**1.7**	**2.7**	**2.4**	**2.3**	**3.3**	**3.5**	**1.7**	**9.0**	**2.4**
Year 5 numeracy									
Aboriginal and Torres Strait Islander	5.1	7.0	7.2	14.3	11.5	5.8	5.5	24.7	8.8
Non-Indigenous	2.1	3.0	2.4	1.9	3.3	4.1	1.8	3.4	2.5
Total	**2.3**	**3.0**	**2.9**	**2.9**	**3.7**	**4.3**	**1.9**	**11.9**	**2.9**
Year 7 reading									
Aboriginal and Torres Strait Islander	9.4	10.7	10.4	20.0	14.6	7.5	11.7	28.2	12.8
Non-Indigenous	2.4	3.7	3.4	2.3	3.2	4.3	2.8	3.1	3.0

Table NIRA.11.22 **Proportion of student absences, by Indigenous status, 2018 (per cent)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Total	**2.9**	**3.8**	**4.2**	**3.8**	**3.8**	**4.5**	**3.0**	**13.5**	**3.7**
Year 7 writing									
Aboriginal and Torres Strait Islander	8.9	9.7	10.5	18.7	13.4	7.4	7.8	27.0	12.2
Non-Indigenous	2.2	3.5	3.2	2.3	3.3	4.1	3.0	3.0	2.9
Total	**2.7**	**3.7**	**4.0**	**3.7**	**3.9**	**4.3**	**3.1**	**13.0**	**3.6**
Year 7 numeracy									
Aboriginal and Torres Strait Islander	11.5	12.5	11.9	22.5	16.5	7.4	11.0	30.8	14.7
Non-Indigenous	3.0	4.1	3.9	3.2	3.8	5.1	4.5	3.8	3.6
Total	**3.5**	**4.3**	**4.7**	**4.8**	**4.4**	**5.3**	**4.7**	**15.1**	**4.3**
Year 9 reading									
Aboriginal and Torres Strait Islander	17.6	22.3	16.9	31.5	25.3	14.0	17.7	41.4	21.7
Non-Indigenous	4.2	6.7	5.8	3.3	6.2	7.6	4.7	6.1	5.3
Total	**5.1**	**7.0**	**6.8**	**5.3**	**7.0**	**8.0**	**5.0**	**21.1**	**6.3**
Year 9 writing									
Aboriginal and Torres Strait Islander	17.0	20.9	16.1	29.7	24.4	14.6	16.5	40.4	20.8
Non-Indigenous	3.9	6.1	5.5	3.1	6.1	7.2	4.3	5.5	5.0
Total	**4.8**	**6.5**	**6.5**	**5.1**	**6.9**	**7.7**	**4.7**	**20.3**	**6.0**
Year 9 numeracy									
Aboriginal and Torres Strait Islander	19.9	23.7	18.3	33.7	28.2	17.2	18.3	45.2	23.8
Non-Indigenous	5.0	7.4	6.4	4.0	7.2	8.5	6.5	7.6	6.1
Total	**6.0**	**7.7**	**7.5**	**6.2**	**8.2**	**9.0**	**6.9**	**23.5**	**7.2**

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.23 **Proportion of student withdrawals, by Indigenous status, by State and Territory, 2018 (per cent)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Year 3 reading									
Aboriginal and Torres Strait Islander	2.6	6.3	7.8	2.4	6.8	1.6	12.5	1.9	4.6
Non-Indigenous	1.5	2.8	4.7	2.0	4.1	1.5	3.8	3.3	2.8
Total	**1.6**	**2.9**	**5.1**	**2.2**	**4.2**	**2.7**	**4.0**	**2.7**	**3.0**
Year 3 writing									
Aboriginal and Torres Strait Islander	2.3	6.2	7.7	2.3	6.2	1.6	12.5	1.9	4.5
Non-Indigenous	1.4	2.8	4.8	2.1	3.9	1.4	3.9	3.3	2.8
Total	**1.5**	**3.0**	**5.2**	**2.2**	**4.0**	**2.7**	**4.1**	**2.7**	**3.0**
Year 3 numeracy									
Aboriginal and Torres Strait Islander	2.5	6.0	7.4	2.4	6.9	1.4	10.8	1.9	4.5
Non-Indigenous	1.4	2.5	4.4	1.9	3.7	1.4	3.4	3.3	2.6
Total	**1.5**	**2.7**	**4.9**	**2.1**	**3.9**	**2.6**	**3.6**	**2.7**	**2.8**
Year 5 reading									
Aboriginal and Torres Strait Islander	2.0	6.1	6.7	2.4	4.3	2.7	7.9	1.4	3.9
Non-Indigenous	1.0	2.3	4.0	1.3	2.8	1.1	2.8	2.2	2.2
Total	**1.1**	**2.4**	**4.4**	**1.5**	**2.9**	**2.5**	**2.9**	**1.9**	**2.4**
Year 5 writing									
Aboriginal and Torres Strait Islander	2.0	6.2	6.8	2.5	4.9	2.7	6.7	1.5	4.0
Non-Indigenous	1.0	2.4	4.1	1.4	2.9	1.2	2.9	2.2	2.2
Total	**1.1**	**2.5**	**4.6**	**1.5**	**3.0**	**2.5**	**3.0**	**1.9**	**2.4**
Year 5 numeracy									
Aboriginal and Torres Strait Islander	1.9	5.9	6.7	2.3	4.6	2.4	8.5	1.5	3.9
Non-Indigenous	1.0	2.2	3.9	1.3	2.7	1.1	3.0	2.3	2.1
Total	**1.1**	**2.3**	**4.3**	**1.5**	**2.9**	**2.4**	**3.1**	**1.9**	**2.3**
Year 7 reading									
Aboriginal and Torres Strait Islander	1.8	4.7	7.8	1.0	5.0	0.2	10.4	1.1	3.8
Non-Indigenous	0.8	1.7	5.0	0.5	2.8	0.8	2.5	1.7	2.1

Table NIRA.11.23 **Proportion of student withdrawals, by Indigenous status, by State and Territory, 2018 (per cent)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Total	**0.9**	**1.8**	**5.5**	**0.6**	**2.9**	**1.9**	**2.6**	**1.5**	**2.3**
Year 7 writing									
Aboriginal and Torres Strait Islander	1.7	4.5	7.5	1.0	4.8	0.2	11.7	1.1	3.7
Non-Indigenous	0.8	1.7	4.9	0.5	2.7	0.7	2.4	1.7	2.0
Total	**0.9**	**1.8**	**5.4**	**0.6**	**2.8**	**1.8**	**2.6**	**1.5**	**2.2**
Year 7 numeracy									
Aboriginal and Torres Strait Islander	1.8	5.0	7.8	1.0	4.9	0.2	10.4	1.1	3.8
Non-Indigenous	0.8	1.7	5.0	0.5	2.7	0.8	2.6	1.6	2.1
Total	**0.9**	**1.8**	**5.5**	**0.6**	**2.8**	**1.9**	**2.8**	**1.4**	**2.3**
Year 9 reading									
Aboriginal and Torres Strait Islander	2.5	8.5	10.5	0.6	6.6	1.6	17.7	0.7	5.2
Non-Indigenous	1.0	2.7	7.3	0.4	3.4	0.9	5.0	1.4	3.0
Total	**1.2**	**2.9**	**7.9**	**0.4**	**3.5**	**2.3**	**5.4**	**1.1**	**3.2**
Year 9 writing									
Aboriginal and Torres Strait Islander	2.4	8.2	10.3	0.6	6.7	1.4	17.1	0.7	5.1
Non-Indigenous	1.0	2.6	7.2	0.4	3.3	0.9	5.1	1.4	2.9
Total	**1.2**	**2.8**	**7.7**	**0.4**	**3.4**	**2.2**	**5.5**	**1.1**	**3.1**
Year 9 numeracy									
Aboriginal and Torres Strait Islander	2.6	8.8	10.5	0.7	6.8	1.6	17.7	0.7	5.2
Non-Indigenous	1.1	2.8	7.3	0.4	3.4	0.9	5.2	1.5	3.0
Total	**1.2**	**2.9**	**7.9**	**0.4**	**3.5**	**2.3**	**5.6**	**1.1**	**3.2**

Source: ACARA (2019) *2018 National Assessment Program — Literacy and Numeracy: Achievement in reading, writing, language conventions and numeracy*.

Table NIRA.11.24 **Proportion of year 3 students who achieved at or above the national minimum standard, by learning domain, by Indigenous status, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Reading									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Writing									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Numeracy									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

na Not available.

Table NIRA.11.25 **Proportion of year 5 students who achieved at or above the national minimum standard, by learning domain, by Indigenous status, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Reading									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Writing									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Numeracy									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

na Not available.

Table NIRA.11.26 **Proportion of year 7 students who achieved at or above the national minimum standard, by learning domain, by Indigenous status, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Reading									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Writing									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Numeracy									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

na Not available.

Table NIRA.11.27 **Proportion of year 9 students who achieved at or above the national minimum standard, by learning domain, by Indigenous status, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Reading									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Writing									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Numeracy									
Aboriginal and Torres Strait Islander students	na	na	na	na	na	na	na	na	na
Non-Indigenous students	na	na	na	na	na	na	na	na	na
All students	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

na Not available.

Table NIRA.11.28 **Proportion of year 3 students who achieved at or above the national minimum standard for reading, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.29 **Proportion of year 3 students who achieved at or above the national minimum standard for writing, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.30 **Proportion of year 3 students who achieved at or above the national minimum standard for numeracy, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.31 **Proportion of year 5 students who achieved at or above the national minimum standard for reading, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.32 **Proportion of year 5 students who achieved at or above the national minimum standard for writing, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.33 **Proportion of year 5 students who achieved at or above the national minimum standard for numeracy, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.34 **Proportion of year 7 students who achieved at or above the national minimum standard for reading, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.35 **Proportion of year 7 students who achieved at or above the national minimum standard for writing, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.36 **Proportion of year 7 students who achieved at or above the national minimum standard for numeracy, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.37 **Proportion of year 9 students who achieved at or above the national minimum standard for reading, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.38 **Proportion of year 9 students who achieved at or above the national minimum standard for writing, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.39 **Proportion of year 9 students who achieved at or above the national minimum standard for numeracy, by Indigenous status, by geolocation, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
Non-Indigenous students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na
All students									
Major cities	na	na	na	na	na	..	na	..	na
Inner Regional	na	na	na	na	na	na	na	..	na
Outer Regional	na	na	na	na	na	na	..	na	na
Remote	na	na	na	na	na	na	..	na	na
Very remote	na	..	na	na	na	na	..	na	na

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.40 **Year 3 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NSW									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Victoria									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	..	..	..	..	..	..	..	..	..
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Queensland									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
WA									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na

Table NIRA.11.40 **Year 3 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
SA									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Tasmania									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
ACT									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	..	..	..	..	..	..	..	..	..
Remote	..	..	..	..	..	..	..	..	..
Very remote	..	..	..	..	..	..	..	..	..
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

Table NIRA.11.40 **Year 3 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NT									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	..	..	..	..	..	..	..	..	..
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Aust									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.41 **Year 5 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NSW									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Victoria									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	..	..	..	..	..	..	..	..	..
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Queensland									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
WA									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na

Table NIRA.11.41 **Year 5 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
SA									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Tasmania									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
ACT									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	..	..	..	..	..	..	..	..	..
Remote	..	..	..	..	..	..	..	..	..
Very remote	..	..	..	..	..	..	..	..	..
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

Table NIRA.11.41 **Year 5 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NT									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	..	..	..	..	..	..	..	..	..
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Aust									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.42 **Year 7 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NSW									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Victoria									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	..	..	..	..	..	..	..	..	..
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Queensland									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
WA									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na

Table NIRA.11.42 **Year 7 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
SA									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Tasmania									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
ACT									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	..	..	..	..	..	..	..	..	..
Remote	..	..	..	..	..	..	..	..	..
Very remote	..	..	..	..	..	..	..	..	..
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

Table NIRA.11.42 **Year 7 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NT									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	..	..	..	..	..	..	..	..	..
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Aust									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.43 **Year 9 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NSW									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Victoria									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	..	..	..	..	..	..	..	..	..
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Queensland									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
WA									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na

Table NIRA.11.43 **Year 9 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
SA									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Tasmania									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
ACT									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	..	..	..	..	..	..	..	..	..
Remote	..	..	..	..	..	..	..	..	..
Very remote	..	..	..	..	..	..	..	..	..
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

Table NIRA.11.43 **Year 9 student participation in assessment, by Indigenous status, 2019 (per cent) (a)**

	All students			*Aboriginal and Torres Strait Islander students*			*Non-Indigenous students*		
	Reading	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*	*Reading*	*Writing*	*Numeracy*
NT									
Major cities	..	..	..	..	..	..	..	..	..
Inner Regional	..	..	..	..	..	..	..	..	..
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Aust									
Major cities	na	na	na	na	na	na	na	na	na
Inner Regional	na	na	na	na	na	na	na	na	na
Outer Regional	na	na	na	na	na	na	na	na	na
Remote	na	na	na	na	na	na	na	na	na
Very remote	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

.. Not applicable. **na** Not available.

Table NIRA.11.44 **Proportion of student exemptions, by Indigenous status, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Year 3 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 3 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 3 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 5 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 5 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 5 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 7 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na

Table NIRA.11.44 **Proportion of student exemptions, by Indigenous status, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 7 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 7 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 9 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 9 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 9 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

na Not available.

Table NIRA.11.45 **Proportion of student absences, by Indigenous status, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Year 3 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 3 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 3 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 5 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 5 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 5 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 7 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na

Table NIRA.11.45 **Proportion of student absences, by Indigenous status, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 7 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 7 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 9 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 9 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 9 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

na Not available.

Table NIRA.11.46 **Proportion of student withdrawals, by Indigenous status, by State and Territory, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Year 3 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 3 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 3 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 5 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 5 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 5 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 7 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na

Table NIRA.11.46 **Proportion of student withdrawals, by Indigenous status, by State and Territory, 2019 (per cent) (a)**

	NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 7 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 7 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 9 reading									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 9 writing									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**
Year 9 numeracy									
Aboriginal and Torres Strait Islander	na	na	na	na	na	na	na	na	na
Non-Indigenous	na	na	na	na	na	na	na	na	na
Total	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**	**na**

(a) The 2019 NAPLAN data were not available in time for inclusion in this Report.

na Not available.

NIRA Indicator 12:

Attainment of Year 12 or equivalent

Table NIRA.12.1 **Proportion of the 20–24 year old population having attained at least a year 12 or equivalent or AQF Certificate II or above, by State and Territory, by Indigenous status, 2018-19 (a), (b), (c), (d), (e), (f)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander										
20–24 year old population with relevant qualification (e)	no.	17 300	4 700	13 800	4 300	3 100	1 700	900	2 500	48 700
Total 20–24 year old population	no.	26 000	5 500	21 000	8 700	4 000	2 700	900	6 200	73 900
Proportion of the 20–24 year old population having attained at least a year 12 or equivalent or AQF Cert II or above	**%**	**66.5**	**85.5**	**65.7**	**49.4**	**77.5**	**63.0**	**100.0**	**40.3**	**65.9**
95% confidence interval of proportion	±	12.1	11.6	13.1	16.4	17.3	16.2	27.8	17.4	5.9
Relative standard error	%	9.3	6.9	10.2	16.9	11.4	13.1	14.2	22.0	4.6
Non-Indigenous										
20–24 year old population with relevant qualification (e)	no.	481 000	422 200	292 100	143 300	103 700	22 300	32 800	9 600	1 505 400
Total 20–24 year old population	no.	527 700	471 100	319 500	160 800	112 300	29 400	33 400	11 900	1 665 500
Proportion of the 20–24 year old population having attained at least a year 12 or equivalent or AQF Cert II or above	**%**	**91.2**	**89.6**	**91.4**	**89.1**	**92.3**	**75.9**	**98.2**	**80.7**	**90.4**
95% confidence interval of proportion	±	1.8	2.5	2.7	3.0	3.8	6.5	2.3	7.6	1.2
Relative standard error	%	1.0	1.4	1.5	1.7	2.1	4.4	1.2	4.8	0.7

(a) People aged 20–24 years who have completed year 12 or Certificate II or above (includes 'Certificate I or II not further defined (nfd)' but excludes persons with a Certificate nfd and level not determined' and people whose level of non-school qualification could not be determined).

(b) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) These survey data for Aboriginal and Torres Strait Islander people should not be compared to data from the Census of Population and Housing.

(d) Data for Aboriginal and Torres Strait Islander people are from the 2018-19 NATSIHS.

Table NIRA.12.1 **Proportion of the 20–24 year old population having attained at least a year 12 or equivalent or AQF Certificate II or above, by State and Territory, by Indigenous status, 2018-19 (a), (b), (c), (d), (e), (f)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(e) Data for non-Indigenous people are from the 2018 Survey of Education and Word (SEW), sourced through published comparator data in the NATSIHS.

(f) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

Source : ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.12.2 **Proportion of the 20–24 year old population having attained at least a year 12 or equivalent or AQF Certificate II or above, by Indigenous status, by remoteness 2018-19 (a), (b), (c), (d), (e)**

	Unit	*Major cities*	*Inner regional*	*Outer regional*	***Total non-remote***	*Remote*	*Very remote*	***Total remote***
Proportion								
Aboriginal and Torres Strait Islander	%	85.4	57.3	56.5	**70.3**	51.2	38.4	**45.2**
Non-Indigenous	%	91.6	85.0	84.2	**90.5**	89.2	90.0	**103.4**
95 per cent confidence intervals								
Aboriginal and Torres Strait Islander	±	7.0	15.4	18.8	**6.8**	14.6	13.3	**9.8**
Non-Indigenous	±	1.3	6.5	8.7	**1.1**	29.0	69.3	****
Relative standard error								
Aboriginal and Torres Strait Islander	%	4.2	13.7	17.0	**4.9**	14.5	17.7	**11.1**
Non-Indigenous	%	0.7	3.9	5.3	**0.6**	16.6	39.3	****

(a) People aged 20–24 years who have completed year 12 or Certificate II or above (includes 'Certificate I or II not further defined (nfd)' but excludes persons with a 'Certificate nfd' and persons whose level of non-school qualification could not be determined).

(b) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(c) Data for Aboriginal and Torres Strait Islander Australians are from the 2018-19 NATSIHS.

(d) Data for non-Indigenous people are from 2018 SEW, sourced from published comparator data in the NATSIHS.

(e) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above or whose interval includes 0 per cent or 100 per cent, should be used with caution. Estimates with a 95 per cent confidence interval that is not published (that is, cells with '**') have numerators with RSEs greater than 50 per cent and therefore these rates are considered too unreliable for general use.

**** RSE/confidence interval not available for publication.

Source : ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

NIRA Indicator 13:

Attendance rates — year 1 to year 10

Table NIRA.13.1 **Students attendance rate in years 1–10, by Indigenous status 2019 (per cent) (a), (b), (c)**

	Unit	*NSW* (d)	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust*
Aboriginal and Torres Strait Islander	%	84.8	85.4	83.5	75.4	79.8	87.0	82.9	63.3	81.5
Non-Indigenous	%	92.2	92.1	91.9	92.1	91.8	91.2	91.4	90.7	92.0
Proportion difference (f)		- 7.4	- 6.7	- 8.4	- 16.7	- 12.0	- 4.2	- 8.5	- 27.4	- 10.5
Total	**%**	**91.7**	**92.0**	**91.1**	**90.9**	**91.2**	**90.8**	**91.1**	**79.7**	**91.4**

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

(c) Students reported as ungraded are included in totals of years 1-10.

(d) From 2018, attendance data for NSW government schools has been collected and compiled consistently with the National Standards. Prior to 2018, NSW government schools data were not collected on a comparable basis with other jurisdictions. From 2018, comparisons between data for NSW and Australian totals with earlier years should be made with caution.

(e) ACT government school data for 2018 and 2019 have been derived from a school administration system in the process of implementation. Care should be taken when comparing these data with data from previous years and from other jurisdictions.

(f) Proportion difference is the attendance rate for Indigenous students minus the attendance rate for non-Indigenous students.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.2 **Student attendance rate in years 1–10, by Indigenous status, by remoteness, 2019 (per cent) (a), (b), (c)**

	Unit	*NSW* (d)	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust*
Aboriginal and Torres Strait Islander										
Major cities	%	85.7	85.6	85.5	80.3	81.4	..	82.9	..	84.4
Inner regional	%	84.9	85.7	85.8	80.8	85.1	86.0	..	..	85.2
Outer regional	%	83.1	84.0	82.5	78.0	78.3	88.4	..	81.6	82.3
Remote	%	80.5	..	78.3	73.3	82.1	88.7	..	67.2	74.3
Very remote	%	76.5	..	73.6	61.1	63.7	..	..	51.9	61.1
Non-Indigenous										
Major cities	%	92.5	92.3	92.1	92.4	92.1	..	91.4	..	92.3
Inner regional	%	91.2	91.2	91.4	90.9	91.5	91.3	..	..	91.2
Outer regional	%	90.7	91.5	91.6	90.9	90.6	90.8	..	91.5	91.2
Remote	%	89.7	92.4	91.1	90.9	90.7	90.0	..	88.4	90.5
Very remote	%	92.5	..	90.7	90.7	87.6	89.1	..	86.5	90.0
Total										
Major cities	**%**	**92.3**	**92.3**	**91.8**	**91.9**	**91.7**	**..**	**91.1**	**..**	**92.1**
Inner regional	**%**	**90.4**	**91.0**	**90.8**	**90.3**	**91.2**	**90.9**	**..**	**..**	**90.7**
Outer regional	**%**	**89.2**	**90.9**	**90.0**	**89.1**	**89.2**	**90.5**	**..**	**89.6**	**89.8**
Remote	**%**	**85.7**	**92.4**	**86.9**	**86.4**	**89.9**	**89.7**	**..**	**78.9**	**85.8**
Very remote	**%**	**83.9**	**..**	**79.7**	**73.7**	**75.8**	**89.0**	**..**	**56.0**	**70.5**

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

(c) Students reported as ungraded are included in totals of years 1-10.

(d) From 2018, attendance data for NSW government schools has been collected and compiled consistently with the National Standards. Prior to 2018, NSW government schools data were not collected on a comparable basis with other jurisdictions. From 2018, comparisons between data for NSW and Australian totals with earlier years should be made with caution.

Table NIRA.13.2 **Student attendance rate in years 1–10, by Indigenous status, by remoteness, 2019 (per cent) (a), (b), (c)**

	Unit	*NSW* (d)	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust*

(e) ACT government school data for 2018 and 2019 have been derived from a school administration system in the process of implementation. Care should be taken when comparing these data with data from previous years and from other jurisdictions.

.. Not applicable.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.3 **Student attendance rates, combined schools sectors, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	***Primary total* (c)**	***Secondary total* (c)**	*Primary Ungraded* (d)	*Secondary Ungraded* (d)
NSW (e)														
Aboriginal and Torres Strait Islander	89.0	89.3	89.0	89.1	88.4	87.9	84.7	80.2	77.1	72.9	88.8	79.0	84.8	72.9
Non-Indigenous	93.2	93.5	93.6	93.5	93.4	92.8	92.8	90.9	89.9	88.6	93.3	90.6	88.9	83.3
Total	**92.9**	**93.2**	**93.3**	**93.2**	**93.1**	**92.5**	**92.3**	**90.2**	**89.1**	**87.7**	**93.0**	**89.9**	**88.3**	**81.2**
Victoria														
Aboriginal and Torres Strait Islander	87.4	88.9	88.2	88.2	88.0	86.5	85.6	80.9	79.9	81.2	87.9	82.0	83.0	78.9
Non-Indigenous	92.5	92.7	93.1	92.9	92.9	92.6	93.0	91.2	90.4	90.3	92.8	91.3	83.8	85.2
Total	**92.4**	**92.6**	**93.0**	**92.8**	**92.8**	**92.5**	**92.9**	**91.0**	**90.3**	**90.2**	**92.7**	**91.1**	**83.7**	**84.8**
Queensland														
Aboriginal and Torres Strait Islander	84.9	85.2	85.7	85.4	85.5	85.2	84.0	80.2	78.1	77.8	85.3	80.2	..	63.1
Non-Indigenous	92.5	92.7	92.9	92.8	92.8	92.5	92.4	90.6	89.5	89.3	92.7	90.5	91.3	90.6
Total	**91.8**	**92.1**	**92.2**	**92.2**	**92.2**	**91.9**	**91.7**	**89.8**	**88.6**	**88.5**	**92.1**	**89.7**	**91.3**	**87.1**
WA														
Aboriginal and Torres Strait Islander	78.7	79.4	79.8	80.2	79.8	80.6	75.4	69.0	64.2	61.5	79.8	68.0	..	..
Non-Indigenous	92.5	92.9	93.3	93.3	93.2	93.1	92.5	90.8	89.6	89.3	93.1	90.6	..	76.6
Total	**91.5**	**92.0**	**92.3**	**92.4**	**92.2**	**92.2**	**91.3**	**89.2**	**87.8**	**87.5**	**92.1**	**89.0**	**..**	**76.1**
SA														
Aboriginal and Torres Strait Islander	81.9	82.2	83.0	82.9	82.8	81.2	80.7	76.2	73.0	72.3	82.3	75.8	77.6	74.6
Non-Indigenous	92.4	92.7	93.0	92.8	92.7	92.5	92.1	91.3	90.0	89.6	92.7	90.7	88.3	86.7
Total	**91.9**	**92.2**	**92.5**	**92.3**	**92.2**	**92.0**	**91.5**	**90.6**	**89.2**	**88.8**	**92.2**	**90.0**	**87.4**	**85.6**

Table NIRA.13.3 **Student attendance rates, combined schools sectors, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	***Primary total* (c)**	***Secondary total* (c)**	*Primary Ungraded* (d)	*Secondary Ungraded* (d)
Tasmania														
Aboriginal and Torres Strait Islander	89.7	90.8	89.8	90.0	88.4	89.7	85.8	83.3	81.1	78.4	89.7	82.4	..	..
Non-Indigenous	92.4	92.7	93.1	92.8	92.5	92.4	91.4	89.0	87.9	86.8	92.7	88.8	88.9	86.0
Total	**92.2**	**92.6**	**92.7**	**92.5**	**92.1**	**92.1**	**90.8**	**88.5**	**87.3**	**86.1**	**92.4**	**88.3**	**89.8**	**86.0**
ACT (f)														
Aboriginal and Torres Strait Islander	84.9	86.8	85.8	87.0	85.4	84.8	83.2	77.0	76.4	76.9	85.8	78.5	..	..
Non-Indigenous	92.4	92.6	92.9	92.7	92.7	92.2	91.5	89.9	88.3	87.7	92.6	89.4	..	..
Total	**92.1**	**92.4**	**92.7**	**92.5**	**92.5**	**92.0**	**91.2**	**89.5**	**87.9**	**87.4**	**92.4**	**89.0**	**..**	**..**
NT														
Aboriginal and Torres Strait Islander	63.6	67.0	66.6	66.5	68.7	68.2	63.5	57.1	54.1	51.8	66.8	57.1	..	..
Non-Indigenous	91.2	91.8	91.6	92.2	91.9	91.3	90.5	89.5	88.1	87.4	91.7	88.9	..	88.8
Total	**80.8**	**82.1**	**81.4**	**81.6**	**82.1**	**82.1**	**78.8**	**76.5**	**74.6**	**73.5**	**81.7**	**76.0**	**..**	**88.7**
Australia total														
Aboriginal and Torres Strait Islander	84.3	84.7	84.7	84.7	84.5	84.3	81.6	77.0	74.3	72.2	84.5	76.5	83.6	74.4
Non-Indigenous	92.7	93.0	93.2	93.1	93.0	92.7	92.6	90.9	89.9	89.3	93.0	90.7	87.1	84.6
Total	**92.2**	**92.5**	**92.7**	**92.6**	**92.5**	**92.2**	**91.9**	**90.0**	**88.9**	**88.4**	**92.4**	**89.9**	**86.7**	**83.4**

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

Table NIRA.13.3 **Student attendance rates, combined schools sectors, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	***Primary total* (c)**	***Secondary total* (c)**	*Primary Ungraded* (d)	*Secondary Ungraded* (d)

(c) For primary and secondary totals the following cut off grades have been used as a proxy for all jurisdictions: years 1–6 for all primary and year 7–10 for all secondary. Structual changes across states and territories over time should be considered when making time series comparisons within a jurisdiction. Primary or secondary ungraded are not included in the primary and secondary totals as there is not a consistent definition of primary and secondary schooling nationally and the data can not be apportioned accordingly.

(d) Students in ungraded classes who cannot readily be allocated to a year of education are included as either ungraded primary or ungraded secondary, according to the typical age level in each state or territory. Students in secondary support units, physically located in a primary school and vice versa, are counted as ungraded in either primary or secondary school.

(e) From 2018, attendance data for NSW government schools has been collected and compiled consistently with the National Standards. Prior to 2018, NSW government schools data were not collected on a comparable basis with other jurisdictions. From 2018, comparisons between data for NSW and Australian totals with earlier years should be made with caution.

(f) ACT government school data for 2018 and 2019 have been derived from a school administration system in the process of implementation. Care should be taken when comparing these data with data from previous years and from other jurisdictions.

.. Not applicable.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.4 **Student attendance rates, government schools, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	*Primary ungraded* (c)	*Secondary ungraded* (c)
NSW (d)												
Aboriginal and Torres Strait Islander	88.7	89.0	88.8	88.8	88.1	87.5	83.7	78.6	75.5	71.2	84.7	73.0
Non-Indigenous	93.0	93.3	93.4	93.3	93.1	92.5	91.9	89.5	88.3	86.8	88.7	83.1
Total	**92.7**	**93.0**	**93.0**	**92.9**	**92.8**	**92.1**	**91.2**	**88.6**	**87.2**	**85.5**	**88.0**	**81.0**
Victoria												
Aboriginal and Torres Strait Islander	87.5	88.9	88.1	88.1	87.9	86.4	84.5	80.1	78.9	80.6	83.0	78.9
Non-Indigenous	92.4	92.5	92.9	92.7	92.7	92.3	92.3	90.2	89.2	89.4	83.7	85.0
Total	**92.3**	**92.4**	**92.8**	**92.6**	**92.6**	**92.2**	**92.1**	**89.9**	**89.0**	**89.2**	**83.6**	**84.6**
Queensland												
Aboriginal and Torres Strait Islander	84.5	84.7	85.4	85.2	85.2	84.9	82.9	78.9	76.4	76.4	..	..
Non-Indigenous	92.4	92.7	92.8	92.7	92.5	92.3	91.6	89.6	88.2	88.2	..	98.7
Total	**91.6**	**91.8**	**92.0**	**91.9**	**91.7**	**91.5**	**90.6**	**88.5**	**87.0**	**87.2**	**..**	**98.7**
WA												
Aboriginal and Torres Strait Islander	78.8	79.7	80.0	80.1	79.8	80.6	74.2	67.8	62.0	58.9	..	..
Non-Indigenous	92.5	92.9	93.2	93.1	93.0	92.8	91.4	89.4	87.6	87.4	..	94.4
Total	**91.4**	**91.8**	**92.0**	**92.0**	**91.8**	**91.8**	**89.8**	**87.3**	**85.3**	**85.0**	**..**	**94.4**
SA												
Aboriginal and Torres Strait Islander	80.9	81.5	82.3	82.5	82.1	80.1	79.9	75.0	71.2	70.6	77.6	74.6
Non-Indigenous	92.2	92.5	92.7	92.5	92.3	92.0	91.3	90.4	88.6	88.4	88.2	86.7
Total	**91.5**	**91.8**	**92.0**	**91.8**	**91.6**	**91.2**	**90.5**	**89.3**	**87.4**	**87.3**	**87.3**	**85.6**

Table NIRA.13.4 **Student attendance rates, government schools, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	*Primary ungraded* (c)	*Secondary ungraded* (c)
Tasmania												
Aboriginal and Torres Strait Islander	89.3	90.3	89.2	89.5	88.1	89.3	84.4	81.8	79.3	76.9	..	..
Non-Indigenous	92.3	92.3	92.7	92.4	92.2	91.8	90.2	87.4	86.0	84.8	..	..
Total	**92.0**	**92.1**	**92.3**	**92.1**	**91.7**	**91.5**	**89.6**	**86.7**	**85.2**	**84.0**	**..**	**..**
ACT (e)												
Aboriginal and Torres Strait Islander	83.9	85.2	84.2	86.3	83.3	83.0	81.3	73.7	74.1	75.3	..	..
Non-Indigenous	91.8	91.9	92.2	92.1	92.0	91.4	90.4	88.4	86.2	86.1	..	..
Total	**91.5**	**91.7**	**91.8**	**91.9**	**91.7**	**91.0**	**90.0**	**87.8**	**85.7**	**85.6**	**..**	**..**
NT												
Aboriginal and Torres Strait Islander	64.6	68.1	68.6	68.1	69.5	68.9	64.0	56.7	53.5	52.2	..	..
Non-Indigenous	90.8	91.5	91.4	91.9	91.5	91.1	89.8	88.5	86.8	86.3	..	88.8
Total	**80.0**	**81.6**	**81.3**	**81.1**	**81.3**	**81.2**	**77.3**	**74.1**	**71.6**	**72.6**	**..**	**88.7**
Australia												
Aboriginal and Torres Strait Islander	84.0	84.5	84.5	84.5	84.3	83.9	80.7	75.8	72.7	70.9	83.4	74.5
Non-Indigenous	92.6	92.8	93.0	92.9	92.8	92.4	91.8	89.7	88.4	87.9	86.8	84.6
Total	**91.9**	**92.2**	**92.4**	**92.3**	**92.1**	**91.7**	**90.9**	**88.6**	**87.2**	**86.7**	**86.5**	**83.4**

(a) Non-Indigenous include those whose Indigenous status is unknown/not stated.

(b) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

(c) Students in ungraded classes who cannot readily be allocated to a year of education are included as either ungraded primary or ungraded secondary, according to the typical age level in each state or territory. Students in secondary support units, physically located in a primary school and vice versa, are counted as ungraded in either primary or secondary school.

Table NIRA.13.4 **Student attendance rates, government schools, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	*Primary ungraded* (c)	*Secondary ungraded* (c)

(d) From 2018, attendance data for NSW government schools has been collected and compiled consistently with the National Standards. Prior to 2018, NSW government schools data were not collected on a comparable basis with other jurisdictions. From 2018, comparisons between data for NSW and Australian totals with earlier years should be made with caution.

(e) ACT government school data for 2018 and 2019 have been derived from a school administration system in the process of implementation. Care should be taken when comparing these data with data from previous years and from other jurisdictions.

.. Not applicable.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.5 **Student attendance rates, independent schools, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	*Primary ungraded* (c)	*Secondary ungraded* (c)
NSW												
Aboriginal and Torres Strait Islander	91.1	90.7	90.8	90.9	90.0	90.8	90.5	89.1	82.2	74.8	89.6	77.6
Non-Indigenous	93.7	94.1	94.3	94.2	94.4	93.8	94.2	93.2	92.5	91.3	90.4	88.6
Total	**93.7**	**94.0**	**94.3**	**94.2**	**94.3**	**93.8**	**94.2**	**93.2**	**92.3**	**90.9**	**90.4**	**88.3**
Victoria												
Aboriginal and Torres Strait Islander	88.5	91.9	92.9	90.3	90.5	89.4	93.0	88.3	87.5	86.9	..	..
Non-Indigenous	93.5	93.7	94.1	93.9	94.0	93.3	93.9	93.2	93.0	92.5	93.7	92.5
Total	**93.5**	**93.7**	**94.1**	**93.9**	**94.0**	**93.3**	**93.9**	**93.1**	**92.9**	**92.4**	**93.7**	**92.5**
Queensland												
Aboriginal and Torres Strait Islander	88.3	87.8	88.0	87.3	88.1	87.2	87.9	84.9	83.4	81.0	..	63.1
Non-Indigenous	93.4	93.6	94.0	93.8	94.1	93.7	94.1	92.9	92.2	91.9	91.3	81.9
Total	**93.2**	**93.4**	**93.8**	**93.6**	**93.9**	**93.5**	**93.9**	**92.6**	**91.9**	**91.5**	**91.3**	**77.5**
WA												
Aboriginal and Torres Strait Islander	82.1	76.6	80.5	81.5	82.2	79.7	86.5	75.1	75.1	76.0	..	..
Non-Indigenous	92.5	92.9	93.5	93.7	93.9	93.8	94.3	92.9	93.0	92.1	..	56.4
Total	**92.3**	**92.6**	**93.2**	**93.4**	**93.7**	**93.5**	**94.1**	**92.4**	**92.6**	**91.6**	**..**	**56.9**
SA												
Aboriginal and Torres Strait Islander	89.4	85.4	86.1	87.8	88.4	91.0	85.4	85.8	85.0	87.0	..	..
Non-Indigenous	93.0	93.6	93.6	93.7	93.6	93.9	93.7	93.1	92.4	91.5	91.4	90.6
Total	**93.0**	**93.4**	**93.5**	**93.6**	**93.5**	**93.8**	**93.5**	**93.0**	**92.3**	**91.5**	**91.1**	**88.9**

Table NIRA.13.5 **Student attendance rates, independent schools, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	*Primary ungraded* (c)	*Secondary ungraded* (c)
Tasmania												
Aboriginal and Torres Strait Islander	88.6	92.7	92.2	93.1	88.7	90.4	92.3	92.1	88.3	89.7	..	..
Non-Indigenous	93.3	94.7	94.4	94.4	93.7	94.5	94.1	93.2	92.6	92.2	88.9	86.0
Total	**93.0**	**94.6**	**94.2**	**94.4**	**93.5**	**94.3**	**94.0**	**93.1**	**92.5**	**92.2**	**89.8**	**86.0**
ACT												
Aboriginal and Torres Strait Islander	91.8	87.9	91.9	..	93.5	91.6	91.3	80.0	78.4	79.8	..	..
Non-Indigenous	92.7	93.5	94.1	93.6	94.1	94.0	94.3	93.0	92.2	91.0	..	..
Total	**92.7**	**93.5**	**94.1**	**93.6**	**94.1**	**94.0**	**94.2**	**92.8**	**92.0**	**90.8**	**..**	**..**
NT												
Aboriginal and Torres Strait Islander	62.6	62.6	57.7	61.3	67.8	71.8	62.0	62.0	61.4	58.0	..	..
Non-Indigenous	92.7	92.8	92.3	93.4	92.9	92.3	92.0	91.1	91.4	91.1	..	..
Total	**88.4**	**88.4**	**86.9**	**88.8**	**89.2**	**89.9**	**83.1**	**83.3**	**83.0**	**79.9**	**..**	**..**
Australia												
Aboriginal and Torres Strait Islander	87.0	85.8	85.5	86.1	86.8	87.1	85.6	82.4	80.1	76.5	89.5	70.3
Non-Indigenous	93.4	93.7	94.0	93.9	94.1	93.7	94.1	93.1	92.6	91.8	90.7	87.3
Total	**93.2**	**93.6**	**93.9**	**93.8**	**93.9**	**93.6**	**93.9**	**92.8**	**92.3**	**91.4**	**90.7**	**86.6**

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

(c) Students in ungraded classes who cannot readily be allocated to a year of education are included as either ungraded primary or ungraded secondary, according to the typical age level in each state or territory. Students in secondary support units, physically located in a primary school and vice versa, are counted as ungraded in either primary or secondary school.

.. Not applicable.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.6 **Student attendance rates, Catholic schools, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	*Primary ungraded* (c)	*Secondary ungraded* (c)
NSW												
Aboriginal and Torres Strait Islander	90.6	91.0	90.6	90.6	90.2	90.2	89.1	86.4	84.7	84.4	..	43.0
Non-Indigenous	93.7	93.7	93.9	93.7	93.6	92.9	93.7	91.8	91.4	90.5	88.5	81.9
Total	**93.6**	**93.6**	**93.8**	**93.6**	**93.4**	**92.8**	**93.5**	**91.6**	**91.1**	**90.3**	**88.3**	**78.8**
Victoria												
Aboriginal and Torres Strait Islander	86.9	89.2	89.1	88.8	87.6	87.8	90.3	82.6	81.7	81.8	..	..
Non-Indigenous	92.7	92.8	93.1	93.0	93.1	92.9	93.8	92.0	91.4	91.0	..	..
Total	**92.6**	**92.8**	**93.1**	**93.0**	**93.0**	**92.8**	**93.8**	**92.0**	**91.4**	**90.9**	**..**	**..**
Queensland												
Aboriginal and Torres Strait Islander	87.6	88.9	87.8	86.8	88.3	87.9	89.6	86.5	85.7	83.4	..	..
Non-Indigenous	92.3	92.4	92.6	92.7	92.9	92.7	93.3	91.8	90.9	90.2	..	..
Total	**92.1**	**92.3**	**92.4**	**92.4**	**92.7**	**92.5**	**93.1**	**91.5**	**90.6**	**89.9**	**..**	**..**
WA												
Aboriginal and Torres Strait Islander	76.7	77.2	77.7	80.1	79.1	82.0	77.8	73.2	71.9	66.8	..	..
Non-Indigenous	92.6	93.0	93.6	93.7	93.5	93.7	93.9	92.4	91.9	91.9	..	..
Total	**92.0**	**92.4**	**93.0**	**93.2**	**92.9**	**93.3**	**93.2**	**91.5**	**90.8**	**90.8**	**..**	**..**
SA												
Aboriginal and Torres Strait Islander	87.7	88.8	89.9	85.4	87.8	89.1	88.5	86.8	87.7	82.8	..	..
Non-Indigenous	92.7	92.9	93.5	93.6	93.5	93.3	92.9	92.3	91.5	91.0	..	..
Total	**92.6**	**92.8**	**93.5**	**93.4**	**93.4**	**93.3**	**92.9**	**92.2**	**91.4**	**90.9**	**..**	**..**

Table NIRA.13.6 **Student attendance rates, Catholic schools, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	*Primary ungraded* (c)	*Secondary ungraded* (c)
Tasmania												
Aboriginal and Torres Strait Islander	92.3	93.0	92.2	91.5	90.2	91.3	90.3	87.0	86.4	81.6	..	..
Non-Indigenous	92.7	93.7	93.9	93.4	93.2	93.3	92.6	90.6	89.8	88.1	..	..
Total	**92.6**	**93.7**	**93.8**	**93.2**	**93.0**	**93.1**	**92.4**	**90.3**	**89.5**	**87.7**	**..**	**..**
ACT												
Aboriginal and Torres Strait Islander	89.6	94.2	91.6	90.3	90.7	89.7	86.5	87.8	83.9	86.0	..	..
Non-Indigenous	94.1	94.2	94.3	93.8	93.7	93.3	90.9	89.7	88.7	87.6	..	..
Total	**94.0**	**94.2**	**94.3**	**93.7**	**93.6**	**93.2**	**90.8**	**89.6**	**88.6**	**87.5**	**..**	**..**
NT												
Aboriginal and Torres Strait Islander	53.2	59.2	54.0	53.7	62.4	58.6	62.4	54.6	49.8	44.1	..	..
Non-Indigenous	92.1	92.8	92.3	92.7	92.8	91.1	91.3	90.5	88.4	88.0	..	..
Total	**78.4**	**79.5**	**76.5**	**76.5**	**80.2**	**80.1**	**80.5**	**78.3**	**77.1**	**70.4**	**..**	**..**
Australia												
Aboriginal and Torres Strait Islander	85.7	86.2	85.4	85.2	85.8	86.3	85.6	82.0	80.8	77.8	..	43.0
Non-Indigenous	93.0	93.1	93.4	93.3	93.3	93.0	93.5	91.9	91.2	90.6	88.5	81.9
Total	**92.7**	**92.9**	**93.1**	**93.0**	**93.0**	**92.8**	**93.3**	**91.6**	**90.9**	**90.2**	**88.3**	**78.8**

(a) Non-Indigenous inclues those whose Indigenous status is unknown/not stated.

(b) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

(c) Students in ungraded classes who cannot readily be allocated to a year of education are included as either ungraded primary or ungraded secondary, according to the typical age level in each state or territory. Students in secondary support units, physically located in a primary school and vice versa, are counted as ungraded in either primary or secondary school.

.. Not applicable.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.7 **Student attendance rates, non-government schools, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	*Primary ungraded* (c)	*Secondary ungraded* (c)
NSW												
Aboriginal and Torres Strait Islander	90.7	90.9	90.6	90.7	90.1	90.3	89.6	87.5	83.6	79.5	89.4	60.1
Non-Indigenous	93.7	93.9	94.1	93.9	93.9	93.3	94.0	92.6	92.0	91.0	90.4	86.8
Total	**93.6**	**93.8**	**94.0**	**93.8**	**93.8**	**93.2**	**93.9**	**92.5**	**91.8**	**90.6**	**90.3**	**85.6**
Victoria												
Aboriginal and Torres Strait Islander	87.3	89.9	89.8	89.2	88.5	88.1	91.8	85.0	84.0	84.2	..	..
Non-Indigenous	92.9	93.1	93.4	93.3	93.4	93.0	93.9	92.5	92.2	91.7	93.7	92.5
Total	**92.9**	**93.1**	**93.4**	**93.3**	**93.4**	**93.0**	**93.9**	**92.5**	**92.1**	**91.6**	**93.7**	**92.5**
Queensland												
Aboriginal and Torres Strait Islander	87.8	88.5	87.9	87.0	88.3	87.6	88.9	85.9	84.8	82.4	..	63.1
Non-Indigenous	92.7	92.9	93.1	93.1	93.4	93.2	93.7	92.3	91.5	91.1	91.3	81.9
Total	**92.5**	**92.7**	**92.9**	**92.9**	**93.2**	**93.0**	**93.5**	**92.0**	**91.2**	**90.7**	**91.3**	**77.5**
WA												
Aboriginal and Torres Strait Islander	78.2	77.1	78.5	80.5	79.8	81.2	81.6	74.1	73.1	71.2	..	..
Non-Indigenous	92.6	93.0	93.6	93.7	93.7	93.8	94.1	92.7	92.5	92.0	..	56.4
Total	**92.1**	**92.5**	**93.1**	**93.3**	**93.3**	**93.4**	**93.7**	**92.0**	**91.8**	**91.3**	**..**	**56.9**
SA												
Aboriginal and Torres Strait Islander	88.5	87.0	87.9	86.5	88.1	90.2	86.5	86.2	86.1	85.3	..	..
Non-Indigenous	92.9	93.3	93.6	93.6	93.5	93.6	93.4	92.8	92.1	91.3	91.4	90.6
Total	**92.8**	**93.1**	**93.5**	**93.5**	**93.4**	**93.6**	**93.3**	**92.7**	**92.0**	**91.2**	**91.1**	**88.9**

Table NIRA.13.7 **Student attendance rates, non-government schools, by Indigenous status, 2019 (per cent) (a), (b)**

	Year 1	*Year 2*	*Year 3*	*Year 4*	*Year 5*	*Year 6*	*Year 7*	*Year 8*	*Year 9*	*Year 10*	*Primary ungraded* (c)	*Secondary ungraded* (c)
Tasmania												
Aboriginal and Torres Strait Islander	91.3	92.9	92.2	91.9	89.8	91.1	90.8	88.3	86.9	83.5	..	..
Non-Indigenous	92.9	94.1	94.1	93.7	93.4	93.8	93.2	91.7	90.9	89.8	88.9	86.0
Total	**92.8**	**94.0**	**93.9**	**93.6**	**93.2**	**93.6**	**93.0**	**91.5**	**90.7**	**89.5**	**89.8**	**86.0**
ACT												
Aboriginal and Torres Strait Islander	90.1	93.0	91.6	90.9	91.6	90.2	88.4	84.6	81.9	81.9	..	..
Non-Indigenous	93.6	94.0	94.3	93.7	93.9	93.6	92.8	91.6	90.8	89.6	..	..
Total	**93.5**	**94.0**	**94.2**	**93.7**	**93.8**	**93.5**	**92.7**	**91.5**	**90.6**	**89.5**	**..**	**..**
NT												
Aboriginal and Torres Strait Islander	56.4	60.2	55.1	55.9	64.0	62.5	62.2	58.4	55.9	50.8	..	..
Non-Indigenous	92.4	92.8	92.3	93.1	92.9	91.8	91.7	90.9	90.0	89.7	..	..
Total	**84.1**	**84.3**	**82.0**	**83.1**	**85.2**	**85.4**	**81.9**	**81.1**	**80.3**	**75.4**	**..**	**..**
Australia												
Aboriginal and Torres Strait Islander	86.1	86.1	85.4	85.4	86.1	86.5	85.6	82.1	80.5	77.2	89.3	63.7
Non-Indigenous	93.1	93.3	93.6	93.5	93.6	93.3	93.8	92.5	92.0	91.2	90.7	86.5
Total	**92.9**	**93.1**	**93.4**	**93.3**	**93.4**	**93.1**	**93.6**	**92.2**	**91.6**	**90.8**	**90.6**	**85.4**

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

(c) Students in ungraded classes who cannot readily be allocated to a year of education are included as either ungraded primary or ungraded secondary, according to the typical age level in each state or territory. Students in secondary support units, physically located in a primary school and vice versa, are counted as ungraded in either primary or secondary school.

.. Not applicable.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.8 **Proportion of students, in government school sector, who attend school 90 per cent or more of possible days for students in years 1–10 (per cent), 2019 (a), (b), (c)**

		NSW (d)	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust*
Aboriginal and Torres Strait Islander	%	51.9	52.9	47.1	35.4	40.4	57.7	42.2	22.5	45.8
Non-Indigenous	%	75.0	73.0	72.0	72.8	72.2	70.9	68.1	67.5	73.2
Proportion difference (f)		- 23.1	- 20.1	- 24.9	- 37.4	- 31.8	- 13.2	- 25.9	- 45.0	- 27.4
Total	**%**	**73.1**	**72.6**	**69.4**	**69.5**	**70.1**	**69.5**	**67.1**	**47.6**	**71.1**

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Government school data in this table are based on a full-time equivalent student measure, dependent on the sum of 'possible school days' for students. Non-government schools student level data (table NIRA.13.9) are based on a different measure of headcounts of students attending more than 90 per cent of the time, and are not directly comparable with data in this table.

(c) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

(d) From 2018, attendance data for NSW government schools has been collected and compiled consistently with the National standards. Prior to 2018, NSW data are not available for this measure.

(e) ACT government school data for 2018 and 2019 have been derived from a school administration system in the process of implementation. Care should be taken when comparing these data with data from previous years and from other jurisdictions.

(f) Proportion difference is the proportion of Indigenous students who attend school 90 per cent or more of possible days minus the equivalent non-Indigenous data item.

.. Not applicable.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.9 **Proportion of students, in non-government school sector, who attend school 90 per cent or more of possible days for students in years 1–10 (per cent), 2019 (a), (b), (c)**

		NSW	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander	%	59.0	58.8	55.2	41.4	55.8	66.6	56.7	21.8	52.8
Non-Indigenous	%	78.9	78.0	76.4	79.1	77.7	76.2	76.1	71.2	78.0
Proportion difference (d)		- 19.9	- 19.2	- 21.2	- 37.7	- 21.9	- 9.6	- 19.4	- 49.4	- 25.2
Total	**%**	**78.3**	**77.9**	**75.6**	**77.9**	**77.3**	**75.6**	**75.7**	**57.1**	**77.3**

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Government schools estimates (table NIRA.13.8) are based on the nationally agreed measure of full-time equivalent students, dependent on the sum of 'possible schools days' for students. Non-Government Schools student level data in this table are based on a different measure of headcounts of students attending more than 90 per cent of the time, and are not directly comparable with the government schools data.

(c) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

(d) Proportion difference is the proportion of Indigenous students who attend school 90 per cent or more of possible days minus the equivalent non-Indigenous data item.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.10 **Proportion of students, in government school sector, who attend 90 per cent or more of possible days for students in years 1–10, by remoteness, 2019 (per cent) (a), (b), (c)**

	Unit	*NSW* (d)	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust*
Aboriginal and Torres Strait Islander										
Major cities	%	54.0	53.5	51.2	42.3	43.5	..	42.1	..	50.3
Inner regional	%	52.4	54.0	51.9	41.0	49.4	54.1	..	..	52.0
Outer regional	%	48.0	48.5	44.4	36.8	37.4	62.4	..	44.6	45.4
Remote	%	39.0	..	36.7	30.5	41.5	57.6	..	29.2	33.6
Very remote	%	38.7	..	34.5	17.5	15.7	..	..	9.1	19.3
Non-Indigenous										
Major cities	%	76.3	73.9	73.0	74.3	73.4	..	68.1	..	74.4
Inner regional	%	71.0	69.8	70.0	67.3	70.5	71.1	..	..	70.2
Outer regional	%	69.2	72.1	70.8	67.8	68.9	71.0	..	69.2	70.1
Remote	%	64.6	74.4	68.7	67.8	66.7	64.9	..	62.2	67.1
Very remote	%	74.6	..	65.7	65.5	62.9	62.2	..	56.8	64.6
Total										
Major cities	**%**	**75.3**	**73.6**	**71.8**	**72.6**	**71.9**	**..**	**67.1**	**..**	**73.4**
Inner regional	**%**	**68.1**	**69.0**	**67.6**	**65.3**	**69.4**	**69.5**	**..**	**..**	**68.2**
Outer regional	**%**	**64.4**	**69.9**	**65.2**	**62.5**	**64.9**	**69.8**	**..**	**63.9**	**65.6**
Remote	**%**	**52.1**	**74.4**	**57.6**	**58.1**	**64.2**	**63.6**	**..**	**46.3**	**57.1**
Very remote	**%**	**54.4**	**..**	**44.4**	**39.2**	**40.6**	**61.7**	**..**	**14.6**	**34.0**

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Government school data in this table are based on a full-time equivalent student measure, dependent on the sum of 'possible school days' for students. Non-government schools student level data (table NIRA.13.11) are based on a different measure of headcounts of students attending more than 90 per cent of the time, and are not directly comparable with data in this table.

(c) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

(d) From 2018, attendance data for NSW government schools has been collected and compiled consistently with the National standards. Prior to 2018, NSW data are not available for this measure.

Table NIRA.13.10 **Proportion of students, in government school sector, who attend 90 per cent or more of possible days for students in years 1–10, by remoteness, 2019 (per cent) (a), (b), (c)**

	Unit	*NSW* (d)	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust*

(e) ACT government school data for 2018 and 2019 have been derived from a school administration system in the process of implementation. Care should be taken when comparing these data with data from previous years and from other jurisdictions.

.. Not applicable.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.11 **Proportion of students, in non-government school sector, who attend 90 per cent or more of possible days for students in years 1–10, by remoteness, 2019 (per cent) (a), (b), (c)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander										
Major cities	%	58.7	62.4	54.4	56.2	61.0	..	56.7	..	57.4
Inner regional	%	58.9	57.3	59.9	59.3	53.6	63.8	..	..	59.4
Outer regional	%	63.4	53.6	54.6	41.7	51.2	71.1	..	46.5	55.3
Remote	%	48.1	..	45.7	44.4	47.5	85.7	..	19.0	34.0
Very remote	%	57.3	..	44.9	16.4	..	..	..	6.9	16.6
Non-Indigenous										
Major cities	%	80.1	79.1	77.0	80.1	78.3	..	76.1	..	79.0
Inner regional	%	74.8	74.2	75.3	76.6	77.4	76.7	..	..	75.1
Outer regional	%	73.6	73.7	75.7	71.9	71.2	72.8	..	70.9	74.0
Remote	%	65.2	..	68.9	69.4	70.2	70.9	..	72.3	69.8
Very remote	%	84.6	..	69.3	65.6	..	..	..	69.4	68.6
Total										
Major cities	**%**	**79.7**	**79.1**	**76.5**	**79.7**	**78.1**	**..**	**75.7**	**..**	**78.7**
Inner regional	**%**	**73.8**	**73.9**	**74.5**	**76.2**	**76.8**	**76.1**	**..**	**..**	**74.4**
Outer regional	**%**	**72.7**	**73.2**	**73.7**	**70.0**	**70.3**	**72.5**	**..**	**67.9**	**72.3**
Remote	**%**	**60.8**	**..**	**62.8**	**63.2**	**69.4**	**72.6**	**..**	**51.6**	**60.5**
Very remote	**%**	**74.9**	**..**	**61.8**	**31.1**	**..**	**..**	**..**	**15.0**	**34.2**

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Government estimates (table NIRA.13.10) are based on the nationally agreed measure of full-time equivalent students, dependent on the sum of “possible schools days” for students. Non-Government Schools student level data in this table are based on a different measure of headcounts of students attending more than 90 per cent of the time, and are not directly comparable with the government schools data.

(c) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

.. Not applicable.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.12 **Number and proportion of schools achieving 90 per cent attendance on average in years 1–10, by Indigenous status, 2019 (per cent) (a), (b), (c)**

	Unit	*NSW* (d)	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust*
Schools achieving 90 per cent attendance for Aboriginal and Torres Strait Islander students										
Number of schools	no.	790	277	434	149	95	99	29	15	1 888
Proportion of schools	%	42.7	39.0	33.9	22.2	24.1	48.1	28.7	10.5	35.3
Schools achieving 90 per cent attendance for non-Indigenous students										
Number of schools	no.	1 738	1 106	1 098	612	355	156	82	70	5 217
Proportion of schools	%	80.4	85.5	80.9	82.0	75.2	73.9	78.1	54.7	80.6
Proportion difference (f)		- 37.7	- 46.5	- 47.0	- 59.8	- 51.1	- 25.8	- 49.4	- 44.2	- 45.3

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

(c) Where student attendance rates have not been provided by the jurisdiction or where rates have been suppressed due to small numbers, schools are excluded from both the numerator and denominator.

(d) From 2018, attendance data for NSW government schools has been collected and compiled consistently with the National Standards. Prior to 2018, NSW government schools data were not collected on a comparable basis with other jurisdictions. From 2018, comparisons between data for NSW and Australian totals with earlier years should be made with caution.

(e) ACT government school data for 2018 and 2019 have been derived from a school administration system in the process of implementation. Care should be taken when comparing these data with data from previous years and from other jurisdictions.

(f) Proportion difference is the proportion of schools achieving 90 per cent attendance for Indigenous students minus the proportion of schools achieving 90 per cent attendance for non-Indigenous students.

Source: ACARA (unpublished) National Student Attendance Collection.

Table NIRA.13.13 **Number and proportion of schools achieving 90 per cent attendance on average in years 1–10, by Indigenous status by remoteness, 2019 (per cent) (a), (b), (c)**

	Unit	*NSW* (d)	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust*
Schools achieving 90 per cent attendance for Aboriginal and Torres Strait Islander students										
Number of schools										
Major cities	no.	456	146	195	122	57	..	29	..	1 005
Inner regional	no.	247	107	136	11	16	52	–	..	569
Outer regional	no.	81	24	86	9	17	43	..	11	271
Remote and very remote	no.	6	..	17	7	5	4	..	4	43
Proportion of schools										
Major cities	%	44.9	40.6	34.6	29.0	24.9	..	29.0	..	37.4
Inner regional	%	44.3	39.9	38.2	17.2	31.4	43.0	–	..	40.1
Outer regional	%	33.6	29.3	30.7	10.7	20.7	55.1	..	17.7	29.8
Remote and very remote	%	18.2	..	21.0	6.9	15.2	57.1	..	4.9	12.8
Schools achieving 90 per cent attendance for non-Indigenous students										
Number of schools										
Major cities	no.	1 042	668	480	419	210	..	82	..	2 901
Inner regional	no.	464	335	294	51	56	96	..	..	1 296
Outer regional	no.	207	100	249	71	71	56	..	52	806
Remote and very remote	no.	25	3	75	71	18	4	..	18	214
Proportion of schools										
Major cities	%	84.4	89.4	81.5	87.5	76.4	..	78.1	..	84.6
Inner regional	%	76.4	80.5	80.1	68.9	80.0	77.4	..	..	78.2
Outer regional	%	73.7	78.7	83.3	77.2	71.7	70.0	..	83.9	77.5
Remote and very remote	%	64.1	100.0	73.5	70.3	64.3	57.1	..	27.3	61.8

(a) Non-Indigenous includes those whose Indigenous status is unknown/not stated.

(b) Refer to the ACARA National Standards for School Attendance Data Reporting for additional detail on the key components of the national standards on which school attendance data in Australia are requested. This document is available on electronically via the ACARA website.

Table NIRA.13.13 **Number and proportion of schools achieving 90 per cent attendance on average in years 1–10, by Indigenous status by remoteness, 2019 (per cent) (a), (b), (c)**

	Unit	*NSW* (d)	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT* (e)	*NT*	*Aust*

(c) Where student attendance rates have not been provided by the jurisdiction or where rates have been suppressed due to small numbers, schools are excluded from both the numerator and denominator.

(d) From 2018, attendance data for NSW government schools has been collected and compiled consistently with the National Standards. Prior to 2018, NSW government schools data were not collected on a comparable basis with other jurisdictions. From 2018, comparisons between data for NSW and Australian totals with earlier years should be made with caution.

(e) ACT government school data for 2018 and 2019 have been derived from a school administration system in the process of implementation. Care should be taken when comparing these data with data from previous years and from other jurisdictions.

.. Not applicable.

Source: ACARA (unpublished) National Student Attendance Collection.

NIRA Indicator 14:

Level of workforce participation

Table NIRA.14.1 **Proportion of working age population employed (15–64 year olds), by Indigenous status, 2018-19 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander										
Employed persons	no.	89 400	17 900	69 400	24 600	11 900	9 800	3 000	18 000	243 800
Employed Full Time (f)	%	62.1	57.0	58.1	67.9	47.1	51.0	66.7	62.8	59.9
Employed Part Time (g)	%	37.6	42.5	43.1	31.3	52.9	45.9	33.3	37.2	40.0
Total Population	no.	164 300	35 900	136 700	61 000	26 300	18 000	4 900	48 300	496 100
Proportion of working age population employed	**%**	**54.4**	**49.9**	**50.8**	**40.3**	**45.2**	**54.4**	**61.2**	**37.3**	**49.1**
95 per cent confidence interval	±	5.9	7.5	5.3	5.4	7.5	8.3	11.6	5.3	2.5
Relative standard error	%	5.5	7.7	5.3	6.8	8.5	7.8	9.7	7.2	2.6
Non-Indigenous										
Employed persons	no.	3 736 900	3 141 000	2 312 400	1 279 600	812 100	229 200	217 100	123 600	11 852 200
Employed Full Time (f)	%	69.7	67.9	68.7	68.5	65.1	66.3	74.5	82.0	68.7
Employed Part Time (g)	%	30.4	32.0	31.3	31.6	35.0	34.0	25.8	17.9	31.3
Total Population	no.	5 050 400	4 226 600	3 120 400	1 669 600	1 090 200	315 100	277 100	145 400	15 895 600
Proportion of working age population employed	**%**	**74.0**	**74.3**	**74.1**	**76.6**	**74.5**	**72.7**	**78.3**	**85.0**	**74.6**
95 per cent confidence interval	±	0.9	1.2	1.9	1.4	1.6	1.9	3.2	2.0	0.7
Relative standard error	%	0.6	0.8	1.3	0.9	1.1	1.3	2.1	1.2	0.5
Rate ratio (h)		0.7	0.7	0.7	0.5	0.6	0.7	0.8	0.4	0.7
Rate difference (i)		- 19.6	- 24.4	- 23.3	- 36.3	- 29.3	- 18.3	- 17.1	- 47.7	- 25.5

(a) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

Table NIRA.14.1 **Proportion of working age population employed (15–64 year olds), by Indigenous status, 2018-19 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(b) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(c) Data for Aboriginal and Torres Strait Islander people are from the 2018-19 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS).

(d) Data for non-Indigenous people are from 2018 Survey of Education and Work (SEW), sourced from published comparator data in the NATSIHS.

(e) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(f) People employed full-time, as a proportion of all employed people.

(g) People employed part-time, as a proportion of all employed people.

(h) Rate ratio is the Aboriginal and Torres Strait Islander proportion divided by the non-Indigenous proportion.

(i) Rate difference is the Aboriginal and Torres Strait Islander proportion less the non-Indigenous proportion.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.14.2 **Proportion of the labour force who are unemployed (15–64 year olds), by Indigenous status, 2018-19 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander										
Unemployed persons — Looking for work	no.	17 700	5 700	17 500	7 100	3 200	1 500	200	3 300	55 800
Looking for Full Time work	%	33.3	14.0	38.3	29.6	31.3	20.0	50.0	57.6	32.6
Looking for Part Time work	%	32.2	40.4	18.3	23.9	25.0	13.3	50.0	21.2	25.4
Looking for Full Time or Part Time work	%	42.9	43.9	41.1	42.3	31.3	66.7	50.0	24.2	41.8
Persons in labour force	no.	106 100	23 400	86 800	31 600	15 100	11 400	3 300	21 300	299 700
Unemployment rate	**%**	**16.7**	**24.4**	**20.2**	**22.5**	**21.2**	**13.2**	**6.1**	**15.5**	**18.6**
95 per cent confidence intervals	±	6.3	10.5	5.4	5.3	9.1	5.2	4.7	4.7	2.9
Relative standard error	%	19.2	22.0	13.6	12.0	21.9	20.1	39.3	15.5	8.0
Non-Indigenous										
Unemployed persons — Looking for work	no.	186 200	168 600	147 500	77 700	47 300	16 100	6 500	3 400	652 400
Looking for Full Time work	%	13.6	5.8	11.6	8.6	2.3	5.0	9.2	11.8	9.6
Looking for Part Time work	%	27.6	36.4	26.8	32.3	27.3	33.5	43.1	26.5	30.6
Looking for Full Time or Part Time work	%	58.5	58.2	61.9	61.8	64.7	56.5	58.5	61.8	59.4
Persons in labour force	no.	3 924 900	3 305 800	2 459 900	1 358 100	858 600	244 700	224 000	127 100	12 505 500
Unemployment rate	**%**	**4.7**	**5.1**	**6.0**	**5.7**	**5.5**	**6.6**	**2.9**	**2.7**	**5.2**
95 per cent confidence intervals	±	0.5	0.6	0.6	0.8	0.8	1.1	1.1	1.0	0.3
Relative standard error	%	5.4	6.0	5.1	7.2	7.4	8.5	19.4	18.9	2.9
Rate ratio (f)		3.6	4.8	3.4	3.9	3.9	2.0	2.1	5.7	3.6
Rate difference (g)		12.0	19.3	14.2	16.8	15.7	6.6	3.2	12.8	13.4

(a) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

Table NIRA.14.2 **Proportion of the labour force who are unemployed (15–64 year olds), by Indigenous status, 2018-19 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(b) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(c) For the 2018-19 NATSIHS and 2018 SEW, all unemployed people were asked both whether they looked for full time work and part time work. Outputs from these survey now include three categories: looked for both full time and part time work; looked for only full time work; and looked for only part time work.

(d) Data for Aboriginal and Torres Strait Islander people are from the 2018-19 NATSIHS.

(e) Data for non-Indigenous people are from 2018 SEW, sourced from published comparator data in the NATSIHS.

(f) Rate ratio is the Aboriginal and Torres Strait Islander proportion divided by the non-Indigenous proportion.

(g) Rate difference is the Aboriginal and Torres Strait Islander proportion less the non-Indigenous proportion.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.14.3 **Proportion of the working age population (15–64 year olds) who are in the labour force, by Indigenous status, 2018-19 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander										
Persons in the labour force	no.	106 100	23 400	86 800	31 600	15 100	11 400	3 300	21 300	299 700
Persons not in the labour force	no.	58 400	12 700	49 800	29 700	11 400	6 800	1 600	27 000	196 900
Total population	no.	164 300	35 900	136 700	61 000	26 300	18 000	4 900	48 300	496 100
Labour force participation rate	**%**	**64.6**	**65.2**	**63.5**	**51.8**	**57.4**	**63.3**	**67.3**	**44.1**	**60.4**
95 per cent confidence intervals	±	4.6	6.0	4.5	5.6	6.1	7.7	10.0	4.6	2.1
Relative standard error	%	3.6	4.7	3.6	5.5	5.4	6.2	7.6	5.3	1.8
Non-Indigenous										
Persons in the labour force	no.	3 924 900	3 305 800	2 459 900	1 358 100	858 600	244 700	224 000	127 100	12 505 500
Persons not in the labour force	no.	1 125 500	922 500	660 000	310 700	231 300	70 500	52 500	18 300	3 392 300
Total population	no.	5 050 400	4 226 600	3 120 400	1 669 600	1 090 200	315 100	277 100	145 400	15 895 600
Labour force participation rate	**%**	**77.7**	**78.2**	**78.8**	**81.3**	**78.8**	**77.7**	**80.8**	**87.4**	**78.7**
95 per cent confidence intervals	±	0.9	1.2	1.5	1.4	1.5	1.7	3.3	2.1	0.8
Relative standard error	%	0.6	0.8	1.0	0.9	1.0	1.1	2.1	1.2	0.5
Rate ratio (e)		0.8	0.8	0.8	0.6	0.7	0.8	0.8	0.5	0.8
Rate difference (f)		- 13.1	- 13.0	- 15.3	- 29.5	- 21.4	- 14.4	- 13.5	- 43.3	- 18.3

(a) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(b) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(c) Data for Aboriginal and Torres Strait Islander people are from the 2018-19 NATSIHS.

(d) Data for non-Indigenous people are from 2018 SEW, sourced from published comparator data in the NATSIHS.

Table NIRA.14.3 **Proportion of the working age population (15–64 year olds) who are in the labour force, by Indigenous status, 2018-19 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(e) Rate ratio is the Aboriginal and Torres Strait Islander proportion divided by the non-Indigenous proportion.

(f) Rate difference is the Aboriginal and Torres Strait Islander proportion less the non-Indigenous proportion.

Source : ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.14.4 **Proportion of the working age population (15–64 year olds) who are employed, by remoteness, by Indigenous status, 2018-19 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander people										
Proportion										
Major cities	%	63.2	53.9	56.9	57.5	44.5	..	61.2	..	59.3
Inner regional	%	49.5	47.0	60.3	30.4	33.3	52.5	na	…	51.1
Outer regional	%	36.4	36.7	38.2	33.8	35.8	56.6	..	42.7	37.8
Remote	%	39.5	na	47.7	28.6	66.7	50.0	..	44.7	41.9
Very remote	%	40.0	..	47.5	24.3	46.2	na	..	32.5	35.1
95 per cent confidence intervals										
Major cities	±	8.2	11.1	9.9	9.9	9.6	..	11.6	..	3.8
Inner regional	±	11.0	11.5	13.0	23.8	**	10.6	na	..	6.3
Outer regional	±	13.4	23.7	5.2	16.9	24.8	12.9	..	13.1	6.6
Remote	±	14.8	na	12.1	10.5	24.3	38.3	..	12.4	5.7
Very remote	±	**	..	8.7	7.9	13.2	na	..	6.7	4.3
Relative standard error										
Major cities	%	6.6	10.5	8.9	8.8	11.0	..	9.7	..	3.3
Inner regional	%	11.3	12.5	11.0	39.9	**	10.3	na	…	6.3
Outer regional	%	18.8	32.9	6.9	25.5	35.3	11.6	..	15.7	8.9
Remote	%	19.1	na	12.9	18.7	18.6	39.1	..	14.2	6.9
Very remote	%	**	..	9.3	16.6	14.6	na	..	10.5	6.3
Non-Indigenous people										
Proportion										
Major cities	%	74.7	74.4	74.8	75.8	73.5	..	78.6	..	74.7
Inner regional	%	72.1	74.7	71.7	79.1	73.4	74.4	73.2	..	73.6

Table NIRA.14.4 **Proportion of the working age population (15–64 year olds) who are employed, by remoteness, by Indigenous status, 2018-19 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Outer regional	%	71.5	70.5	73.9	73.8	77.3	69.3	..	84.6	74.1
Remote	%	62.6	77.5	74.2	92.7	90.1	65.6	..	88.5	78.7
Very remote	%	100.0	..	47.6	84.3	48.6	–	..	85.7	84.3
95 per cent confidence intervals										
Major cities	±	1.5	1.6	1.0	2.8	1.7	..	2.9	..	0.7
Inner regional	±	4.9	6.6	2.8	4.2	7.5	1.2	53.5	..	3.2
Outer regional	±	0.7	9.5	6.7	10.0	11.2	7.1	..	3.2	2.6
Remote	±	39.1	**	32.3	16.0	16.4	27.8	..	4.2	8.3
Very remote	±	–	..	**	52.0	**	–	..	2.0	25.8
Relative standard error										
Major cities	%	1.0	1.1	0.7	1.9	1.2	..	1.9	..	0.5
Inner regional	%	3.5	4.5	2.0	2.7	5.2	0.8	37.3	..	2.2
Outer regional	%	0.5	6.9	4.6	6.9	7.4	5.2	..	1.9	1.8
Remote	%	31.9	**	22.2	8.8	9.3	21.6	..	2.4	5.4
Very remote	%	–	..	**	31.5	**	–	..	1.2	15.6

(a) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(b) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above or whose interval includes 0 per cent or 100 per cent, should be used with caution. Estimates with a 95 per cent confidence interval that is not published (that is, cells with '**') have numerators with RSEs greater than 50 per cent and therefore these rates are considered too unreliable for general use.

(c) Data for Aboriginal and Torres Strait Islander people are from the 2018-19 NATSIHS.

(d) The 2018-19 NATSIHS sample frame excluded households from Remote areas in Victoria, Very remote areas in Tasmania, and Inner regional areas in the ACT.

Table NIRA.14.4 **Proportion of the working age population (15–64 year olds) who are employed, by remoteness, by Indigenous status, 2018-19 (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(e) Data for non-Indigenous people are from 2018 SEW, sourced from published comparator data in the NATSIHS.

na Not available. .. Not applicable. – Nil or rounded to zero. ****** RSE/confidence interval not available for publication.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.14.5 **Proportion of the working age population (15–64 year olds) who are in the labour force by remoteness, by Indigenous status (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander people										
Proportion										
Major cities	%	75.0	71.0	69.6	66.5	54.8	..	67.3	..	70.2
Inner regional	%	61.5	61.5	67.0	52.2	58.3	60.6	na	..	62.3
Outer regional	%	47.6	46.9	56.8	48.1	56.6	61.8	..	51.5	52.9
Remote	%	46.5	na	61.4	39.3	77.8	83.3	..	53.4	52.4
Very remote	%	53.3	..	58.1	40.3	53.8	na	..	37.5	44.4
95 per cent confidence intervals										
Major cities	±	6.0	7.2	9.0	9.5	8.6	..	10.0	..	3.0
Inner regional	±	10.0	11.2	10.9	24.1	23.9	9.9	na	..	5.5
Outer regional	±	12.2	19.4	10.1	20.4	15.5	13.4	..	11.7	5.6
Remote	±	20.4	na	12.3	9.5	17.5	24.3	..	10.8	5.9
Very remote	±	44.0	..	8.4	9.9	15.4	na	..	6.2	4.5
Relative standard error										
Major cities	%	4.1	5.2	6.6	7.3	8.0	..	7.6	..	2.2
Inner regional	%	8.3	9.3	8.3	23.6	20.9	8.3	na	..	4.5
Outer regional	%	13.1	21.1	9.1	21.6	14.0	11.1	..	11.6	5.4
Remote	%	22.4	na	10.2	12.3	11.5	14.9	..	10.3	5.7
Very remote	%	42.1	..	7.4	12.5	14.6	na	..	8.4	5.2
Non-Indigenous people										
Proportion										
Major cities	%	78.0	78.2	79.6	80.4	78.2	..	80.8	..	78.7
Inner regional	%	77.6	79.0	76.4	84.3	77.6	79.5	73.2	..	78.3

Table NIRA.14.5 **Proportion of the working age population (15–64 year olds) who are in the labour force by remoteness, by Indigenous status (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Outer regional	%	75.2	75.8	79.6	79.5	80.6	74.3	..	86.4	78.6
Remote	%	62.6	77.5	72.5	91.9	90.1	68.8	..	91.4	80.7
Very remote	%	100.0	..	47.6	84.9	48.6	–	..	88.2	86.7
95 per cent confidence intervals										
Major cities	±	1.5	1.2	1.1	1.1	1.8	..	2.9	..	0.8
Inner regional	±	4.4	5.4	2.1	15.2	4.0	3.0	53.5	..	2.5
Outer regional	±	12.1	9.8	6.9	9.3	9.8	5.8	..	2.7	1.8
Remote	±	38.8	**	8.0	21.4	16.4	27.2	..	5.9	7.3
Very remote	±	–	..	**	50.6	**	–	..	29.2	21.4
Relative standard error										
Major cities	%	1.0	0.8	0.7	0.7	1.2	..	1.8	..	0.5
Inner regional	%	2.9	3.5	1.4	9.2	2.6	1.9	37.3	..	1.6
Outer regional	%	8.2	6.6	4.4	6.0	6.2	4.0	..	1.6	1.2
Remote	%	31.6	**	5.6	11.9	9.3	20.2	..	3.3	4.6
Very remote	%	–	..	**	30.4	**	–	..	16.9	12.6

(a) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(b) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above or whose interval includes 0 per cent or 100 per cent, should be used with caution. Estimates with a 95 per cent confidence interval that is not published (that is, cells with '**') have numerators with RSEs greater than 50 per cent and therefore these rates are considered too unreliable for general use.

(c) Data for Aboriginal and Torres Strait Islander people are from the 2018-19 NATSIHS.

(d) The 2018-19 NATSIHS sample frame excluded households from Remote areas in Victoria, Very remote areas in Tasmania, and Inner regional areas in the ACT.

Table NIRA.14.5 **Proportion of the working age population (15–64 year olds) who are in the labour force by remoteness, by Indigenous status (a), (b), (c), (d), (e)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*

(e) Data for non-Indigenous people are from 2018 SEW, sourced from published comparator data in the NATSIHS.

na Not available. .. Not applicable. – Nil or rounded to zero. ****** RSE/confidence interval not available for publication.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.14.6 **Proportion of the labour force who are unemployed (15–64 year olds), by remoteness, by Indigenous status, 2018-19 (a), (b), (c), (d)**

	Unit	*Major cities*	*Inner regional*	*Outer regional*	*Remote*	*Very remote*	*Total remote*
Proportion of labour force unemployed							
Aboriginal and Torres Strait Islander	%	15.4	16.7	28.1	20.1	20.9	20.6
Non-Indigenous	%	5.1	6.0	5.6	np	np	2.1
95 per cent confidence intervals							
Aboriginal and Torres Strait Islander	±	3.8	6.3	6.6	5.7	4.3	3.6
Non-Indigenous	±	0.3	0.8	1.4	np	np	1.7
Relative standard errors							
Aboriginal and Torres Strait Islander	%	12.6	19.2	12.0	14.5	10.5	8.8
Non-Indigenous	%	3.0	6.8	12.8	np	np	41.8

(a) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(b) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(c) Data for Aboriginal and Torres Strait Islander people are from the 2018-19 NATSIHS.

(d) Data for non-Indigenous people are from 2018 SEW, sourced from published comparator data in the NATSIHS.

np Not published.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

NIRA Indicator 15:

Proportion of Indigenous 20 to 64 year olds with or working towards post school qualification in AQF Certificate III or above

Table NIRA.15.1 **Proportion of 20–64 year old population with or working towards post school qualification in Certificate III or above, by Indigenous status, 2018-19 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Aboriginal and Torres Strait Islander										
Total with Certificate III level or above or working towards a non-school qualification	no.	79 100	16 900	55 100	21 600	10 000	6 700	3 000	9 500	202 200
Total with qualifications at Certificate III level or above (e)	no.	72 700	15 500	50 700	18 900	8 200	6 100	2 300	8 300	183 500
Cert. III, Cert IV, Diploma and Advanced Diploma	no.	60 800	11 300	43 900	14 700	7 200	5 100	1 500	6 600	150 900
Bachelors degree or above	no.	12 100	4 200	7 100	4 400	1 000	1 100	800	1 700	32 800
Studying a non-school qualification (f)	no.	6 000	1 600	4 200	2 600	1 800	500	700	1 400	18 300
Total 20–64 year old population (g)	no.	133 500	29 200	110 200	50 000	21 300	14 800	4 100	40 800	404 200
Proportion of 20-64 year old population with or working toward post school qualification in Certificate III level or above	**%**	**59.3**	**57.9**	**50.0**	**43.2**	**46.9**	**45.3**	**73.2**	**23.3**	**50.0**
95 per cent confidence intervals	±	6.0	8.3	6.0	5.4	7.4	8.7	14.5	4.5	3.0
Relative standard errors	%	5.2	7.3	6.1	6.4	8.1	9.8	10.1	9.9	3.1
Non-Indigenous										
Total with Certificate III level or above or working towards a non-school qualification	no.	3 202 200	2 720 100	1 827 600	1 028 200	629 400	179 400	204 000	90 400	9 882 300
Total with qualifications at Certificate III level or above (e)	no.	2 946 600	2 497 400	1 671 500	960 000	574 200	167 800	184 900	84 500	9 089 100
Cert. III, Cert IV, Diploma and Advanced Diploma	no.	1 335 400	1 175 400	965 100	487 800	295 400	99 000	59 700	44 900	4 463 400
Bachelors degree or above	no.	1 613 000	1 319 800	703 900	473 100	277 600	69 200	124 900	38 900	4 623 000

Table NIRA.15.1 **Proportion of 20–64 year old population with or working towards post school qualification in Certificate III or above, by Indigenous status, 2018-19 (a), (b), (c), (d)**

	Unit	*NSW*	*Vic*	*Qld*	*WA*	*SA*	*Tas*	*ACT*	*NT*	*Aust*
Studying a non-school qualification (f)	no.	252 000	224 200	159 100	67 800	54 700	11 300	18 700	6 400	792 200
Total 20–64 year old population (g)	no.	4 546 000	3 781 100	2 776 500	1 499 800	970 100	281 300	251 000	132 800	14 242 000
Proportion of 20-64 year old population with or working toward post school qualification in Certificate III level or above	**%**	**70.4**	**71.9**	**65.8**	**68.6**	**64.9**	**63.8**	**81.3**	**68.1**	**69.4**
95 per cent confidence intervals	%	1.1	1.1	1.7	1.7	2.0	2.3	2.7	1.9	0.4
Relative standard errors	±	0.8	0.8	1.3	1.3	1.6	1.8	1.7	1.4	0.3

(a) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(b) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(c) Data for Aboriginal and Torres Strait Islander people are from the 2018-19 Nataional Aboriginal and Torres Strait Islander Health Survey (NATSIHS).

(d) Data for non-Indigenous people are from 2018 Survey of Education and Work (SEW), sourced from published comparator data in the NATSIHS.

(e) Includes people who have indicated that they have attained a non-school qualification at Certificate III level or above.

(f) Includes people who have indicated that they are studying, but excludes those who already have a non-school qualification at Certificate III level or above.

(g) Total 20–64 year old population, excluding people who were not studying and had a non-school qualification, but level was not determined.

Source : ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19* , Cat. no. 4715.0, Canberra.

Table NIRA.15.2 **Proportion of 20–64 year old population with or working towards post school qualification in Certificate III or above, by Indigenous status, by remoteness areas, 2018-19 (per cent) (a), (b), (c), (d)**

	Unit	*Major cities*	*Inner regional*	*Outer regional*	*Remote*	*Very remote*
Proportion						
Aboriginal and Torres Strait Islander	%	65.1	49.3	43.5	38.4	23.6
Non-Indigenous	%	72.1	63.3	58.5	58.4	57.7
95 per cent confidence intervals						
Aboriginal and Torres Strait Islander	±	5.1	7.0	6.8	4.5	4.3
Non-Indigenous	±	0.7	3.5	3.9	1.8	15.2
Relative standard errors						
Aboriginal and Torres Strait Islander	%	4.0	7.2	8.0	6.0	9.3
Non-Indigenous	%	0.5	2.8	3.4	1.6	13.4

(a) Cells in this table have been randomly adjusted by the ABS to avoid the release of confidential data. Discrepancies may occur between sums of the component items and totals.

(b) Estimates of proportions with a 95 per cent confidence interval that is plus or minus 10 percentage points or above (or whose interval includes 0 per cent or 100 per cent) should be used with caution.

(c) Data for Aboriginal and Torres Strait Islander people are from the 2018-19 NATSIHS.

(d) Data for non-Indigenous people are from 2018 SEW, sourced from published comparator data in the NATSIHS.

Source: ABS 2019, *National Aboriginal and Torres Strait Islander Health Survey, 2018-19*, Cat. no. 4715.0, Canberra.