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# Appendix 5 Measures and data sources

## Introduction

The following table summarises the major measures and data sources used to report against the indicators in this report. Unless otherwise noted, all measures are:

- disaggregated by Indigenous status (Indigenous/non-Indigenous; Indigenous/other or Indigenous/total population)
- reported by State and Territory and at a national (Australian total) level.

Indigenous and non-Indigenous population data are used throughout this report as denominators for calculating rates and percentages. This report generally uses ABS ‘series B’ experimental projections of the Indigenous population to create rates (ABS 2009). These projections are based on adjusted 2006 Census data and a set of assumptions about likely trends in Indigenous population growth (box 3.1.1). The ABS only publishes official non-Indigenous population data for Census years. For other years, non-Indigenous population data must be derived by subtracting Indigenous population data from total population data.

References to data sources are summarised in the table. Many data sources are referenced as ‘unpublished’. This means that the particular data items cited in the Overcoming Indigenous Disadvantage report are not included in a standard publication but have been made available on request by the data providers.

A list of acronyms and full references for data sources are provided at the end of the appendix.

Indicator	Measure	Data source
<b>COAG targets</b>		
4.1 Life expectancy	Estimated life expectancies at birth, 2005–2007, by sex, (Australia, NSW, Qld, WA, NT)	ABS (2009) <i>Experimental Life Tables for Aboriginal and Torres Strait Islander Australians</i>
	Age specific death rates, 2005–2009, by sex, (NSW, Qld, WA, SA, NT)	ABS (2010) <i>Deaths Australia</i>
	Median age at death, 2000–2009, by sex, (NSW, Qld, WA, SA, NT)	ABS (2010) <i>Deaths Australia</i>
	Age standardised mortality rates, 1991–2009 (WA, SA and NT) and all causes mortality 2005–2009 (NSW, Qld, WA, SA, NT)	ABS (2010) <i>Deaths Australia</i>
	Age standardised mortality rates 2005–2009, rate ratios and rate differences, by selected causes of death (NSW, Qld, WA, SA, NT) and single year (2009)	ABS (unpublished) <i>Causes of Death Australia</i>
4.2 Young child mortality	All causes perinatal mortality, 2005–2009 (NSW, Qld, WA, SA, NT) and by remoteness	ABS (unpublished) <i>Perinatal Deaths Australia</i>
	All causes perinatal, infant and child (0–4 years) mortality, 2009, 2008 and 2007, NSW, Qld, WA, SA, NT)	ABS (unpublished) <i>Perinatal Deaths Australia</i> ; ABS (unpublished) <i>Deaths Australia</i>

<b>Indicator</b>	<b>Measure</b>	<b>Data source</b>
4.2 Young child mortality (cont.)	Infant (less than 1 year) and child (0–4 and 1–4 years) mortality rates, 1997–99 to 2007–09, (NSW, Qld, WA, SA, NT) and infant and child (0–4 years) mortality rates, 1991–2009 (WA, SA, NT)	ABS (unpublished) <i>Deaths Australia</i>
	Leading cause of infant (less than 1 year) and child (0–4 years) death, 2007, 2008 and 2009	ABS (unpublished) <i>Causes of Death Australia</i>
	Mortality rates for selected causes of infant (less than 1 year) and child (0–4 and 1–4 years) death, 2005–2009	ABS (unpublished) <i>Causes of Death Australia</i>
4.3 Early childhood education	Preschool enrolment rates for children in the year before commencing full time schooling, 2009	DEEWR (unpublished) <i>National Preschool Census 2009</i>
	Preschool enrolment rates for children aged 3, 4 and 5 years, calculated as a proportion of children aged 3, 4 and 5 years in the population, 2008	ABS (unpublished) NATSISS 2008 and ABS (unpublished) CEaCS 2008
	Attendance at preschool, measured by absentee rates, with a low absentee rate indicating a higher rate of attendance.	DEEWR (unpublished) <i>National Preschool Census 2009</i>
	Representation of children aged 0–12 years in State and Territory funded and/or provided early childhood education and care services, 2007–08, by jurisdiction	SCRGSP (2011) <i>Report on Government Services 2011</i>

Indicator	Measure	Data source
4.4 Reading, writing and numeracy	Proportion of years 3, 5, 7 and 9 students who achieved the national minimum standard by learning domain, by parental education and parental occupation, 2008–2010	ACARA (2010 and unpublished) <i>2010 National Assessment Program — Literacy and Numeracy: Full Report</i>
	Proportion of years 3, 5, 7 and 9 students who achieved the national minimum standard by learning domain, by geolocation, 2008–2010	ACARA (2010 and unpublished) <i>2010 National Assessment Program — Literacy and Numeracy: Full Report</i>
	Years 3, 5, 7 and 9 student participation rates in national assessments, by learning domain, by jurisdiction, by geolocation, 2008–2010	ACARA (2010 and unpublished) and MCEECDYA (various years) <i>National Assessment Program – Literacy and Numeracy: Full Report</i>
4.5 Year 12 attainment	Proportion of the 20–24 year old population having attained at least a year 12 or equivalent or AQF Certificate II or above, by remoteness and by jurisdiction, 2008	ABS (unpublished) NATSISS 2008, NHS (unpublished) 2008
	Number of year 12 students achieving ATARs, by ATAR range, 2006–2010	ACT Board of Senior Secondary Studies (unpublished); Queensland Tertiary Admissions Centre (unpublished); South Australian Tertiary Admissions Centre (unpublished); Tasmanian Qualifications Authority (unpublished); Tertiary Institutions Service Centre (unpublished); Universities Admissions Centre (unpublished); Victorian Tertiary Admissions Centre (unpublished); ABS (unpublished) <i>Experimental</i>

Indicator	Measure	Data source
4.5 Year 12 attainment (cont.)	Number of year 12 students achieving ATARs, by ATAR range, 2006–2010 (cont.)	<i>Projections, Aboriginal and Torres Strait Islander Australians</i> ; ABS (2010) <i>Population by Age and Sex, Australian States and Territories</i> .
	Apparent retention rates for students in years 7/8 to year 12, by Indigenous status, 1998–2010	ABS (unpublished) <i>Schools Australia</i>
4.6 Employment	Employment to population ratio, 2004-05 and 2008, by jurisdiction	ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NATSISS 2008 and ABS (unpublished) NHS 2007-08.
	Labour force participation and unemployment, 2004-05 and 2008, by sex, remoteness, age group and jurisdiction	ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08
	Long term unemployment, 1994, 2002, 2004-05 and 2008, by sex, age groups and jurisdiction	ABS (unpublished) NATSIS 1994; ABS (unpublished) NATSISS 2002; ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08
	CDEP participation, 1994, 2002 by sex; 2004-05 and 2008, by sex, remoteness, age group and jurisdiction	ABS (unpublished) NATSIS 1994; ABS (unpublished) NATSISS 2002; ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NATSISS 2008.

<b>Indicator</b>	<b>Measure</b>	<b>Data source</b>
4.6 Employment (cont.)	Three month employment outcomes for job seekers who have participated in a DEEWR funded employment assistance program, by Indigenous status, 2009	DEEWR (unpublished) Post Program Monitoring Survey and administrative data.
<i>Headline indicators</i>		
4.7 Post secondary education — participation and attainment	20–64 year olds with a non-school qualification of Certificate III or above or currently studying, 2002 and 2008	ABS (unpublished) NATSISS 2002 and 2008; ABS (unpublished) GSS 2002 and ABS (unpublished) NHS 2007-08
	Participation in higher education, by course level, by jurisdiction, 2002–2009	DEEWR (unpublished) Higher Education Statistics Collection
	VET national load pass rate, by course level, remoteness and jurisdiction, 2004–2009,	NCVER (unpublished) National 2005–2009 VET provider collections
	Success rate for higher education, by sex and jurisdiction, 2001–2009	DEEWR (unpublished) Higher Education Statistics Collection
4.8 Disability and chronic disease	Rates of disability, by remoteness, by disability status, by types of stressors, 2002 and 2008	ABS (unpublished) NATSISS 2002 and 2008; ABS (unpublished) NHS 2007-08; ABS (unpublished) GSS 2002
	Prevalence of different types of disability: intellectual, psychological, sight, hearing and speech, and physical, 2008	ABS (unpublished) NATSISS 2008
	Hospitalisation rates by chronic disease, 2004-05 to 2008-09, (NSW, Vic, Qld, WA, SA and public hospitals in NT)	AIHW (unpublished) National Hospital Morbidity Database

<b>Indicator</b>	<b>Measure</b>	<b>Data source</b>
4.8 Disability and chronic disease (cont.)	Education, employment and household income for Indigenous people with a disability	ABS (2010) <i>The Health and Welfare of Australia's Aboriginal and Torres Strait Islander People</i> ; ABS (unpublished) Census of Population and Housing 2006
	Hospitalisations, by principal diagnosis, by gender, by chronic disease and all conditions, by remoteness, 2004-05 to 2008-09 (NSW, WA, SA and public hospitals in the NT)	AIHW (unpublished) <i>National Hospital Morbidity Database</i>
	Carers of people with disability, long term illness or problems related to old age	ABS (unpublished) Census of Population and Housing 2006
4.9 Household and individual income	Median and mean real gross weekly equivalised household income, 1994, 2002, 2004-05 and 2008, by remoteness, jurisdiction and quintile	ABS (unpublished) NATSIS 1994; ABS (unpublished) 2002 NATSISS; ABS (unpublished) GSS 2002; ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05, ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08.
	Median gross weekly individual income, 2004-05 and 2008, by sex, age, quintile, remoteness and jurisdiction	ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NATSISS 2008 and ABS (unpublished) NHS 2007-08

Indicator	Measure	Data source
4.10 Substantiated child abuse and neglect	Child protection substantiations, 1999-2000 to 2009-10, by jurisdiction.	AIHW (unpublished) <i>Child Protection Notifications, Investigations and Substantiations</i>
	Child protection substantiations, 2001-2002 to 2009-2010, by type of abuse or neglect.	AIHW (unpublished) <i>Child Protection Notifications, Investigations and Substantiations</i>
	Children on care and protection orders 2010, by jurisdiction.	AIHW (unpublished) <i>Children on Care and Protection Orders</i>
	Placement in accordance with the Aboriginal Child Placement Principle, 2010.	AIHW (unpublished) <i>Children in Out-of-Home Care</i>
	Number of diagnoses of chlamydia, gonorrhoea and syphilis in children 2005-2009, by age group.	NCHECR (2010) Australian National Notifiable Diseases Surveillance System; ABS (2008) <i>Experimental Estimates of Aboriginal and Torres Strait Islander Australians</i>

Indicator	Measure	Data source
4.11 Family and community violence	People who had been a victim of physical or threatened violence, by state territory, 1994, 2002 and 2006/2008	ABS (unpublished) NATSIS 1994; ABS (unpublished) NATSIS 2002; ABS (unpublished) GSS 2002; ABS (unpublished) NATSIS 2008; ABS (unpublished) GSS 2006.
	Hospitalisation rates for family violence related assaults and other assaults (2004-05 to 2008-09) and by remoteness (2008-09)	AIHW (unpublished) National Hospital Morbidity Database
	Homicide death rates by state and territory, 2005–2009	ABS (unpublished) <i>Deaths Australia</i>
	Homicide victims by state and territory (2004-05 to 2008-09) and by remoteness (1999-2000 to 2008-09)	Australian Institute of Criminology (unpublished) National Homicide Monitoring Program
	Indigenous adults and children with a valid unmet request for immediate SAAP accommodation, by state and territory and by remoteness	AIHW (unpublished) SAAP Demand for Accommodation Collection
	SAAP support periods: main reason clients sought support, by state and territory and by remoteness	AIHW (unpublished) Supported Accommodation Assistance Program (SAAP) National Data Collection Agency (NDCA)
	Victims of assault, sexual assault and robbery, including relationship of offender to victim, NSW, SA and the NT (2008 and 2009) and Qld (2009)	ABS (2009 and 2010) Recorded Crime - Victims

Indicator	Measure	Data source
4.12 Imprisonment and juvenile detention	Imprisonment rates, age standardised, by jurisdiction, 2000–2010	ABS (2010 and various years) <i>Prisoners in Australia</i>
	Crude imprisonment rates, by sex and jurisdiction, 2000–2010	ABS (2010 and various years) <i>Prisoners in Australia</i>
	Sentenced prisoners by most serious offence and expected time to serve, 2007–2010	ABS (2010 and various years) <i>Prisoners in Australia</i>
	Imprisonment rates, by age group, 2007–2010	ABS (2010 and various years) <i>Prisoners in Australia</i>
	Prisoners by legal status, 2007–2010	ABS (2010 and various years) <i>Prisoners in Australia</i>
	Juvenile detention rates, people aged 10–17 years, by sex, by age group, and jurisdiction, 2001–2009	Richards and Lyneham (2010); AIC (unpublished) Juveniles in detention
	Juvenile detention rates by legal status, 2004–2009	Richards and Lyneham (2010); AIC (unpublished) Juveniles in detention
5	<i>Early child development</i>	
5.1 Maternal health	Antenatal care: women attending their first antenatal visit during the first trimester; attending at least five antenatal visits, 2008	ABS (unpublished) NATSISS 2008
	Use of antenatal services, by Indigenous status, by remoteness, 2006, 2007, 2008, (NSW, Qld, SA, NT)	AIHW (unpublished) National Perinatal Data Collection; AIHW (unpublished) analysis of State/Territory perinatal collections

<b>Indicator</b>	<b>Measure</b>	<b>Data source</b>
5.1 Maternal health (cont.)	Tobacco, alcohol and illicit drug use during pregnancy, by Indigenous status, by remoteness, 2008 Maternal mortality rates, 1991–1993 to 2003–2005	ABS (unpublished) NATSISS 2008; AIHW (unpublished) National Perinatal Data Collection AIHW (2009) <i>Aboriginal and Torres Strait Islander Health Performance Framework 2008: Detailed Analyses</i>
5.2 Teenage birth rate	Teenage birth rate (females aged less than 20 years), by Indigenous status of mother, age of mother, by state/territory, by remoteness, 2004–2007 Births, by Indigenous status of baby and mother, age of mother, age of father, and state/territory, 1998–2009 Teenage birth rate (where both the mother and father were aged less than 20 years), by Indigenous status of mother, age of mother, age of father, by state/territory, by remoteness, 2004–2007	ABS (unpublished) <i>Births Australia</i> ABS (unpublished) <i>Births Australia</i> ABS (unpublished) <i>Births Australia</i>
5.3 Birthweight	Birthweight, by live births and fetal deaths, 1998–2000 to 2006–2008	AIHW (unpublished) <i>National Perinatal Data Collection</i>
5.4 Early childhood hospitalisations	Hospitalisations per 1000 children aged 0–4 years, 2004-05 to 2008-09, by principal diagnosis, (NSW, Vic, Qld, WA, SA and public hospitals in the NT), by remoteness	AIHW (unpublished) National Hospital Morbidity Database

Indicator	Measure	Data source
5.5 Injury and preventable disease	Hospitalisations for injury and potentially preventable disease for children aged less than 5 years, 2004-05 to 2008-09, (NSW, Vic, Qld, WA, SA, and public hospitals in the NT)	AIHW (unpublished) National Hospital Morbidity Database
	Deaths rates from external causes and preventable diseases for children aged less than five years, 2005–2009	ABS (unpublished) <i>Causes of Death Australia</i>
5.6 Basic skills for life and learning	Australian Early Development Index of five year old children	Centre for Community Child Health, Royal Children's Hospital and Telethon Institute for Child Health Research (unpublished)
	Indigenous children 0–14 years who received a health check or assessment	DoHA (unpublished) Medicare data collection
5.7 Hearing impairment	Prevalence of hearing conditions in children aged 0–14 years, by type of hearing condition, 2001, 2004-05 and 2008	ABS (unpublished) NHS 2001; ABS (unpublished) NHS and NATSIHS 2004-05; ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08
	Prevalence of otitis media, by age group, 2008	ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08
	Hospitalisations where the principal diagnosis was diseases of the ear and mastoid process, children aged 0–3 years and 4–14 years, (NSW, Vic, Qld, WA, SA and public hospitals in the NT combined), 2004-05 to 2008-09	AIHW (unpublished), National Hospital Morbidity Database

Indicator	Measure	Data source
<b>6 Education and training</b>		
6.1 School enrolment and attendance	Student attendance rates for years 1–10, across all school sectors, 2007–2009  School enrolment by age, sex and jurisdiction, 2006–2010	ACARA (unpublished) school attendance collection  ABS (unpublished) <i>Schools Australia</i> ; ABS (unpublished) <i>Population by Age and Sex, Australian States and Territories</i> ; ABS (unpublished) <i>Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians 1991–2021</i>
6.2 Teacher quality	No data were available for this report.	
6.3 Indigenous cultural studies	Teaching of Indigenous culture to Indigenous people in school or further studies by age, 2008  Indigenous employment in schools, 2001–2008, by school sector	ABS (unpublished) NATSISS 2008  DEEWR National Report to Parliament on Indigenous Education and Training 2008; DEST (unpublished) IESIP performance reports 2003–2004; DEEWR (unpublished) IEP performance reports 2005–2008
6.4 Year 9 attainment	Apparent retention rates of full time secondary students from years 7 or 8 to year 9, all schools, by sex and jurisdiction, 1998–2010  Student attendance rates for year 9 across all school sectors, 2007–2009	ABS (various years) <i>Schools Australia</i>  ACARA (unpublished) school attendance collection

Indicator	Measure	Data source
6.4 Year 9 attainment (cont.)	Year 9 or below as highest level of schooling by persons aged 15 years and over (excluding persons still attending secondary school), by age group, sex, remoteness and jurisdiction, 1994, 2002, 2004-05, 2008	ABS (unpublished) NATSIS 1994; ABS (unpublished) NATSISS 2002; ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08
	OECD Program for International Student Assessment (PISA) 15 year old learning outcomes, 2000, 2003, 2006 and 2009	ACER (unpublished)
6.5 Year 10 attainment	Apparent retention rates of full time secondary students from years 7 or 8 to year 10, all schools, by sex and jurisdiction, 1998-2010	ABS (various years) <i>Schools Australia</i>
	Student attendance rates for year 10 across all school sectors, 2007-2009	ACARA (unpublished), school attendance collection
	Year 10 or below as highest level of schooling by persons aged 15 years and over (excluding persons still attending secondary school), by age group, sex, remoteness and jurisdiction, 2008	ABS (unpublished) NATSIS 1994; ABS (unpublished) NATSISS 2002; ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08
6.6 Transition from school to work	Indigenous people aged 18 to 24 years who are neither participating in education and training nor employed, by remoteness, 2002, 2004-05, 2008	ABS (unpublished) NATSISS 2002 and 2008; ABS (unpublished) GSS 2002; ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05 and 2007-08

Indicator	Measure	Data source
6.6 Transition from school to work (cont.)	Labour force status of people, aged 18 to 64 years, who have achieved a qualification of certificate level III or higher, by remoteness, 2002, 2004-05, 2008	ABS (unpublished) NATSISS 2002 and 2008; ABS (unpublished) GSS 2002; ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05 and 2007-08
<b>7 Healthy lives</b>		
7.1 Access to primary health care	Self-assessed health status, Indigenous children (aged 0–14 years) and people aged 15 years and over, by sex, by state and territory and by remoteness, 2004-05 and 2008	ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NHS 2007-08; ABS (unpublished) NATSISS 2008 AIHW (2009) <i>Aboriginal and Torres Strait Island Health Performance Framework: Detailed Analyses</i>
	Health services usually used by Indigenous children aged 0–14 years, by state and territory and by remoteness	ABS (unpublished) NATSISS 2008
	Total expenditure on health services, by type of health good or service, 2006-07	AIHW (2010) <i>Expenditures on Health for Aboriginal and Torres Strait Islander Peoples 2006-07</i>
	Expenditure on primary and secondary/tertiary health services, by type of health good or service, 2004-05	AIHW (2010) <i>Expenditures on Health for Aboriginal and Torres Strait Islander Peoples 2006-07</i>
	Vaccination coverage estimates for children (NSW, Victoria, WA, SA and the NT combined) 31 December 2009	AIHW (2011) <i>Aboriginal and Torres Strait Islander Health Performance Framework, 2010 Report: Detailed Analyses</i> , derived from ACIR Medicare Australia data

Indicator	Measure	Data source
7.1 Access to primary health care (cont.)	Access to health services in discrete Indigenous communities, 2006	ABS (2007) Community Housing and Infrastructure Needs Survey
7.2 Potentially preventable hospitalisations	Hospitalisations for potentially preventable chronic, acute and vaccine preventable conditions, and infections with a predominantly sexual mode of transmission, age standardised, 2004-05 to 2008-09, NSW, Vic, Qld, WA, SA and public hospitals in the NT	AIHW (unpublished) National Hospital Morbidity Database
	Hospitalisations for injury and poisoning and other external causes, age standardised, by sex, 2005-06 to 2008-09, NSW, Vic, Qld, WA, SA, and NT	AIHW (unpublished) National Hospital Morbidity Database
7.3 Avoidable mortality	Avoidable mortality, people aged 0–74 years, age standardised, by age and sex, by cause of death, 2005–2009 and 1998–2009 by sex, NSW, Qld, WA, SA, and NT	ABS (unpublished) <i>Causes of Death Australia</i>
7.4 Tobacco consumption and harm	Current daily smokers aged 18 years or over, age standardised, by jurisdiction, 2001, 2004-05 and 2008	ABS (unpublished) NHS 2001; ABS (unpublished) NHS and NATSIHS 2004-05; ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08
	Hospitalisations related to tobacco use, age standardised, NSW, Vic, Qld, WA, SA and public hospitals in the NT, Tas and the ACT, 2004-05 to 2008-09	AIHW (unpublished) National Hospital Morbidity Database

Indicator	Measure	Data source
7.5 Obesity and nutrition	Body mass index groups for people aged 18 years and over in non-remote areas, by age group and age standardised, 2004-05	ABS (unpublished) NHS and NATSIHS 2004-05
	Compliance with fruit and vegetable NHMRC consumption guidelines for children aged 5–14 years, non-remote areas, 2008	ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08
7.6 Tooth decay	Indigenous children's dental health, selected years between 2000 and 2003, by age, (NSW, SA and NT combined)	Jamieson, Armfield and Roberts-Thomson (2006) <i>Child Dental Health Survey</i>
	Indigenous adult's dental health, by age, 2004–2006	Roberts-Thomson, K.F. and Do, L. (2007), <i>National Adult Oral Health Survey</i>
	Potentially preventable hospitalisations for dental conditions, 2004-05 to 2008-09	AIHW (unpublished) National Hospital Morbidity Database
7.7 Mental health	Psychological distress prevalence, 2004-05 and 2008	ABS (unpublished) NATSIHS and NHS 2004-05; ABS (unpublished) NATSISS 2008, ABS (unpublished) NHS 2007-08
	Selected indicators of positive wellbeing, people aged 18 years and over, by age groups, by remoteness, by jurisdiction, 2004-05 and 2008	ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NATSISS 2008
	Treatment rates in mental health related services, 2007-08 and 2008-09	AIHW (various years) <i>Mental Health Services in Australia</i> ; AIHW (2009) <i>Measuring the Social and Emotional Wellbeing of Aboriginal and Torres Strait Islander Peoples</i>

<b>Indicator</b>	<b>Measure</b>	<b>Data source</b>
7.7 Mental health (cont.)	Mental and behavioural disorders as cause of death, by remoteness, by jurisdiction, 2005–2009	ABS (unpublished) <i>Causes of Death Australia</i>
	Mental health of prisoners and juveniles in detention, 2009	AIHW (2010) <i>The Health of Australia's Prisoners 2009</i>
7.8 Suicide and self-harm	Average annual intentional self-harm (suicide) deaths by age group and indirectly age standardised, by sex, NSW, Qld, WA, SA, and public hospitals in the NT, 2005–2009	ABS (unpublished) <i>Causes of Death Australia</i>
	Non-fatal hospitalisations for intentional self harm, age standardised, by sex, NSW, Vic, Qld, WA, SA, and public hospitals in the NT combined, 2004-05 to 2008-09	AIHW (unpublished) National Hospital Morbidity Database
<b>8 Economic participation</b>		
8.1 Labour market participation	Working hours (full time or part time), by gender, by remoteness, 1994, 2002, 2004-05 and 2008	ABS (unpublished) NATSIS 1994, ABS (unpublished) NATSISS 2002, ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08
	Sector of employment (public or private), by gender, by remoteness, 2001 and 2006	ABS (unpublished) Census 2001 and 2006

Indicator	Measure	Data source
8.1 Labour market participation (cont.)	Employment by occupation, by gender by age groups, 2001 and 2006	ABS (unpublished) Census 2001 and 2006
	Employment by industry, sex and remoteness area, 2001 and 2006	ABS (unpublished) Census 2001 and 2006
8.2 Indigenous owned or controlled land and business	Indigenous owned or controlled land as a proportion of each state/territory and remoteness area, 2010	Indigenous Land Corporation (unpublished)
	Determinations that native title exists, by state/territory and remoteness, 2004–2010	National Native Title Tribunal (unpublished)
	Indigenous Land Use Agreements, cumulative number, by state/territory and remoteness, 2003–2010	National Native Title Tribunal (unpublished)
	Self employment as a proportion of total employed, people aged 18 to 64 years, non-remote areas, 1994, 2001, 2004–05 and 2008	ABS (unpublished) NATSIS 1994; ABS (unpublished) NHS 1995; ABS (unpublished) NHS 2001, including the Indigenous supplement (NHS); ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NATSISS 2008 and ABS (unpublished) NHS 2007-08

Indicator	Measure	Data source
8.3 Home ownership	Proportion of people aged 18 years and over living in home owner/purchaser households, by remoteness, 2008	ABS (unpublished) NATSISS 2008; ABS (unpublished) NHS 2007-08
	Proportion of Indigenous people aged 18 years and over living in home owner/purchaser households, 1994, 2002, 2004-05 and 2008	ABS (unpublished) NATSIS 1994; ABS (unpublished) NATSISS 2002; ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NATSISS 2008
	Proportion of people aged 18 years and over living in rented homes (public, community and private housing), 2008	ABS (unpublished) NATSISS 2008; ABS (unpublished); ABS (unpublished) NHS 2007-08
8.4 Income support	Main source of personal cash income, people aged 18-64 years, 2002, 2004-05, and 2008	ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NATSISS 2002 and 2008; ABS (unpublished) NHS 2007-08
	People aged 18-64 years on government cash pensions and allowances, by remoteness, by age groups, 2004-05 and 2008	ABS (unpublished) NATSISS 2002; ABS (unpublished) NATSIHS 2004-05; ABS (unpublished) NHS 2004-05; ABS (unpublished) NATSISS 2008; and ABS (unpublished) NHS 2007-08
	People aged 15-64 years receiving income support payments, by selected payment types, by sex, by remoteness, 2003 to 2010	Centrelink (unpublished); ABS (2010) ABS Australian Demographic Statistics; ABS (2009) <i>Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians</i>

Indicator	Measure	Data source
<b>9 Home environment</b>		
9.1 Overcrowding in housing	People living in overcrowded housing, by status, remoteness and state and territory, 2002, 2004-05, 2008	ABS (unpublished) NATSISS 2002; ABS NATSIHS 2004-05; ABS NATSISS 2008; ABS NHS 2007-08
9.2 Rates of disease associated with poor environmental health	Hospitalisations for selected diseases associated with poor environmental health, age standardised and by age group (2004-05 to 2008-09: NSW, Vic, Qld, WA, SA, and public hospitals in the NT).  Death rates from diseases associated with poor environmental health, 2005–2009, age standardised, by sex (NSW, Qld, WA, SA, and the NT).	AIHW (unpublished), National Hospital Morbidity Database  ABS (unpublished) <i>Causes of Death</i>
9.3 Access to clean water and functional sewerage and electricity services	Source of drinking water supply, water quality, type of sewerage system, access to cooking, washing and toilet facilities, electricity services  Proportion of discrete Indigenous communities that experienced sewerage system overflows or leakages, by usual population, 2006  Electricity supply and interruptions in discrete Indigenous communities, by usual population, 2006	ABS (2007) <i>Community Housing and Infrastructure Needs Survey</i>  ABS (2007) <i>Community Housing and Infrastructure Needs Survey</i>  ABS (2007) <i>Community Housing and Infrastructure Needs Survey</i>

Indicator	Measure	Data source
9.3 Access to clean water and functional sewerage and electricity services (cont.)	Access to household facilities and dwellings with major structural problems, by remoteness, 2008	ABS (unpublished) NATSISS 2002; ABS (unpublished) NATSISS 2008 and ABS (unpublished) Survey of Income and Housing 2007-08
	Proportion of Indigenous households living in houses of an acceptable standard, by location, by number of bedrooms, by household size, by income level, by jurisdiction, 2008	ABS (unpublished) NATSISS 2008
<b>10 Safe and supportive communities</b>		
10.1 Participation in organised sport, arts or community group activities	Participation in sport and recreational activities, by geographic location, 2002 to 2008	ABS (unpublished) NATSISS 2002 and NATSISS 2008; ABS (unpublished) Children's Participation in Cultural and Leisure Activities Survey 2009
	Participation in cultural activities, 2002 and 2008.	ABS (unpublished) NATSISS 2002 and 2008, DEECD (2010) <i>The State of Victoria's Children 2009: Aboriginal Children and Young People in Victoria</i>
10.2 Access to traditional lands	Indigenous people who recognise an area as their homelands, live on their homelands, or are allowed to visit their homelands, 2002 and 2008	ABS (unpublished) NATSISS 2002 and 2008
10.3 Alcohol consumption and harm	Alcohol consumption, Indigenous people aged 15 years or over by remoteness, sex, and risk levels, 2002 and 2008	ABS (unpublished) NATSISS 2002 and 2008

Indicator	Measure	Data source
10.3 Alcohol consumption and harm (cont.)	Hospitalisations related to alcohol use, NSW, Vic, Qld, WA, SA, and public hospitals in NT, 2004-05 to 2008-09	AIHW (unpublished), National Hospital Morbidity Database
	Alcohol related deaths, death rates, age standardised, by sex, NSW, Qld, WA, SA, NT, 2005-2009	ABS (unpublished) <i>Causes of Death Australia</i>
	Alcohol involvement in homicides by key characteristics, 1999-2000 to 2008-09	AIC (unpublished) National Homicide Monitoring Program
10.4 Drug and other substance use and harm	Illicit drug use, Indigenous people aged 18 years or over by remoteness, by sex, 2002 and 2008	ABS (unpublished) NATSISS 2002 and 2008
	Hospitalisations related to drug use, NSW, Vic, Qld, WA, SA, and public hospitals in NT, 2004-05 to 2008-09	AIHW (unpublished) National Hospital Morbidity Database
	Drug related deaths, death rates, age standardised, by sex, NSW, Qld, WA, SA, NT, 2005-2009	ABS (unpublished) <i>Causes of Death</i>
	Drug influenced Indigenous homicides by key characteristics, 1999-2000 to 2008-09	AIC (unpublished) National Homicide Monitoring Program

Indicator	Measure	Data source
10.5 Juvenile diversions	Juvenile diversions by Indigenous status, various years, NSW, Vic, Qld, WA, SA and the NT	NSW, WA and NT Governments (unpublished); Victorian Government (2010) <i>Victorian Government Indigenous Affairs Report 2009-10</i> ; Queensland Police Service (2010) <i>Annual Statistical Review 2009-10</i> ; OCSAR (2010) <i>Crime and Justice in SA – Juvenile Justice</i>
10.6 Repeat offending	Repeat adult imprisonment trends, 1994-2007	ABS (2010) <i>An Analysis of Repeat Imprisonment Trends in Australia using Prisoner Census Data from 1994 to 2007</i>
	Proportion of prisoners with known prior adult imprisonment under sentence 30 June 2010, by jurisdiction, by sex and by most serious offence/charge	ABS (2010) <i>Prisoners in Australia</i>
	Juvenile repeat offending, various years, NSW, Qld, WA, SA	Various studies
<b>11 Governance and leadership</b>		
11.1 Case studies in governance	Case study approach	
11.2 Governance capacity and skills	Students of governance-related courses: management, commerce, business law, economics and econometrics, by jurisdiction, sex, remoteness, 2004 to 2009	DEEWR (unpublished); NCVER (unpublished)
	Number of students in selected governance courses, 2003–2009	NCVER (unpublished)

Indicator	Measure	Data source
11.3 Engagement with service delivery	Barriers to service provision, by service type and type of barrier, by state/territory and remoteness, 2008	ABS (unpublished) NATSISS 2008
	Discrimination, in last 12 months, by situations and places felt discriminated at, by state/territory and remoteness 2008	ABS (unpublished) NATSISS 2008
	Communication with service providers, by sex and remoteness, by age groups, 2002 and 2008	ABS (unpublished) NATSISS 2002 and 2008
	Discharges from hospital against medical advice, by Indigenous status, by sex, by remoteness, 2004–05, to 2008-09 (NSW, Vic, Qld, WA, SA and public hospitals in the NT)	AIHW (unpublished) National Hospital Morbidity Database

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## References

- ABS (Australian Bureau of Statistics) 2010, *Deaths, Australia* Cat. no. 3302.0, Canberra.
- 2011, *Schools Australia 2010*, Cat. no. 4221.0, Canberra.
- 2010, *Population by Age and Sex, Australian States and Territories*, Cat. no. 3201.0, Canberra.
- 2010, *An Analysis of Repeat Imprisonment Trends in Australia using Prisoner Census Data from 1994 to 2007*, Cat. No. 1351.0.55.031, Canberra.
- 2010 and 2009, *Recorded Crime — Victims, Australia*, Cat. no. 4510.0, Canberra.
- 2010 and various years, *Prisoners in Australia*, Cat. no. 4517.0, Canberra.
- 2010, *Australian Demographic Statistics*, June 2010, Cat. no. 3101.0, Canberra.
- 2009, *Experimental Life Tables for Aboriginal and Torres Strait Islander Australians, Australia, 2005–2007*, Cat. no. 3302.0.55.003, Canberra.
- 2009, *Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians, 1991 to 2021*, Cat. no. 3238.0, Canberra.
- 2008, *Experimental Estimates of Aboriginal and Torres Strait Islander Australians*, June 2006, Cat. no. 3238.0.55.001, Canberra.
- 2007, *Housing and Infrastructure in Aboriginal and Torres Strait Islander Communities, Australia, 2006*, Cat. no. 4710.0, Canberra.
- ABS and AIHW (Australian Institute of Health and Welfare) 2010, *The Health and Welfare of Australia's Aboriginal and Torres Strait Islander Peoples*, Cat. no. 4704.0, Cat. no. IHW 21, Canberra.
- ACARA (Australian Curriculum, Assessment and Reporting Authority) 2010 and unpublished, *2010 National Assessment Program — Literacy and Numeracy: Achievement in Reading, Writing, Language conventions and Numeracy*, Melbourne.
- AIHW (Australian Institute of Health and Welfare) 2011, *Aboriginal and Torres Strait Islander Health Performance Framework, 2010 Report: Detailed Analyses*, Cat. No. IHW 53, Canberra.
- 2010, *Expenditures on Health for Aboriginal and Torres Strait Islander Peoples 2006-07*, Cat. no. HWE 48, Health and welfare expenditure series no. 39, AIHW, Canberra.
- 2010, *The Health of Australia's Prisoners 2009*, Cat. no. PHE 123, Canberra.
- 2009, *Aboriginal and Torres Strait Islander Health Performance Framework 2008 Report: Detailed Analyses*, Cat. no. IHW 22, Canberra.
- 2009, *Measuring the Social and Emotional Wellbeing of Aboriginal and Torres Strait Islander Peoples*, Cat. no. IHW 24, Canberra.
- 2008, *Mental Health Services in Australia 2005–06*, Cat. no. HSE 56, Canberra.
- DEECD (Department of Education and Early Childhood Development) 2010, *The State of Victoria's Children 2009: Aboriginal Children and Young People in Victoria*, State Government of Victoria, Melbourne
- Jamieson, L., Armfield, J.M., Roberts-Thomson, K.F., 2006, 'The role of location in Indigenous and non-Indigenous child oral health', *Journal of Public Health Dentistry*, vol. 66, pp. 123–30.

- 
- OCSAR (Office of Crime Statistics and Research) 2010, *Crime and Justice in SA – Juvenile Justice, 2007*, no. 44(2), Adelaide.
- Queensland Police Service 2010, *Annual Statistical Review 2009-10*, Brisbane.
- NCHECR (National Centre in HIV Epidemiology and Clinical Research) 2010, *HIV, Viral Hepatitis and Sexually Transmitted Infections in Australia Annual Surveillance Report 2010*, University of New South Wales, Sydney
- MCEECDYA (Ministerial Council for Education, Early Childhood Development and Youth Affairs) 2010, *2010 National Assessment Program – Literacy and Numeracy: Achievement in Reading, Writing, Language Conventions and Numeracy*, Melbourne.
- (various years) 2009 and 2008, 2009 and 2008 *National Assessment Program – Literacy and Numeracy: Achievement in Reading, Writing, Language Conventions and Numeracy*, Melbourne.
- Richards, K. and Lyneham, M. 2010, *Juveniles in Detention in Australia, 1981-2008*, Monitoring Reports, Australian Institute of Criminology, Canberra.
- Roberts-Thomson, K.F. and Do, L. 2007, ‘Oral health status’, in Slade, G.D., Spencer, A.J., Roberts-Thomson, K.F. (eds), *Australia’s Dental Generations: the National Survey of Adult Oral Health 2004–06*, AIHW Cat. no. DEN 165. AIHW, Canberra, pp. 81–142.
- SCRGSP (Steering Committee for the Review on Government Service Provision) 2011, *Report on Government Services 2011*, Productivity Commission, Canberra.
- Victorian Government 2010, *Victorian Government Indigenous Affairs Report 2009-10*, Melbourne.

