2 The framework

This chapter explains the *Overcoming Indigenous Disadvantage: Key Indicators* report framework. As noted in chapter 1, the report aims to be more than a compilation of statistics. The report is intended to provide meaningful information to Aboriginal and Torres Strait Islander Australians and governments to assist in targeting efforts to improve the wellbeing of Aboriginal and Torres Strait Islander Australians.

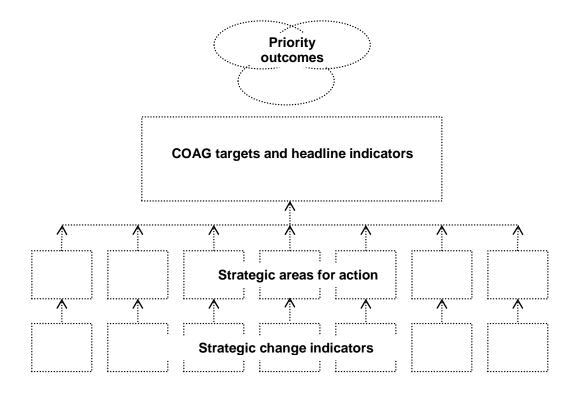
Section 2.1 describes how the key elements of the framework fit together. Section 2.2 summarises key concepts incorporated in the reporting framework including the focus on strengths-based reporting and Aboriginal and Torres Strait Islander wellbeing.

2.1 The framework

While there are many reports on the experiences of Aboriginal and Torres Strait Islander Australians, reports about the performance of governments often focus on specific programs or policies, and take a 'silo' approach — education is reported by departments of education, health by health departments — and tend to focus on service inputs (how budgets are spent) and outputs (the actual services delivered), rather than on the outcomes achieved. While information on inputs and outputs is valuable, particularly when evaluating the efficiency of a specific program or service, this report focuses on outcomes — the actual lived experiences of Aboriginal and Torres Strait Islander Australians. Information on outcomes is crucial to measure whether progress is actually being made in closing the gap, regardless of the level of inputs and outputs.

The key elements of the indicator framework are shown in a simplified form in figure 2.1.1. The framework is based on the best available evidence about the root causes of disadvantage, in order to ensure that policy attention is directed to prevention, as well as responding to existing disadvantage. Each of the framework elements is discussed briefly below.

Figure 2.1.1 Framework elements



Priority outcomes

Three interlinked priority outcomes sit at the top of the framework — no single aspect of the priority outcomes can be achieved in isolation:

- safe, healthy and supportive family environments with strong communities and cultural identity
- positive child development and prevention of violence, crime and self-harm
- improved wealth creation and economic sustainability for individuals, families and communities.

These outcomes reflect COAG's vision for Aboriginal and Torres Strait Islander Australians to have the same life opportunities as other Australians. Many Aboriginal and Torres Strait Islander Australians and their organisations have also expressed support for these outcomes, in extensive consultations over several years.

It is extremely difficult to measure progress in achieving such broadly stated, aspirational outcomes, and to hold governments and service providers accountable. Therefore, the framework includes two layers of quantifiable indicators. The logic of the framework is

that, over time, measurable improvement in these indicators will demonstrate progress toward achieving the priority outcomes.

COAG targets and headline indicators

The first layer of indicators is made up of the seven targets COAG has set for closing the gaps between outcomes for Aboriginal and Torres Strait Islander Australians and non-Indigenous Australians, and a further six headline indicators selected by the Steering Committee to represent significant, high level outcomes.

In October 2008, COAG announced six closing the gaps targets (the name of the indicator as presented in the OID report framework is in italics, followed by the full text of the target, and the COAG-agreed target date in square brackets):

- *life expectancy* close the life expectancy gap within a generation [by 2031]
- young child mortality halve the gap in mortality rates for Indigenous children under five within a decade [by 2018]
- early childhood education The original early childhood education target expired in 2013, unmet. In December 2015, COAG renewed the early childhood education target, aiming for 95 per cent of all Indigenous four-year-olds enrolled in early childhood education by 2025. The method for measuring the target is expected to be agreed by late 2016.
- reading, writing and numeracy halve the gap for Indigenous students in reading, writing and numeracy within a decade [by 2018]
- *year 12 attainment* halve the gap for Indigenous 20–24 year olds in year 12 or equivalent attainment rates [by 2020]
- *employment* halve the gap in employment outcomes between Indigenous and non-Indigenous Australians within a decade [by 2018] (COAG 2008).

In May 2014 COAG agreed to a new target on student attendance — closing the gap between Indigenous and non-Indigenous school attendance within five years [by 2018] Student attendance data, previously included in chapter 7 (Education and training) of this report, are now in chapter 4 (section 4.7).

These ambitious targets highlight specific outcomes in areas that are either significant in their own right (life expectancy and early childhood mortality) or are important preconditions or preventative factors for addressing long term disadvantage (access to preschool, learning outcomes, school attainment and attendance, and employment).

The Steering Committee has selected six headline indicators that sit alongside the COAG targets in the first layer of indicators. These headline indicators are all important outcomes in their own right, and will require whole-of-government action over the long term before significant progress can be seen:

- post-secondary education, participation and attainment
- disability and chronic disease
- household and individual income
- substantiated child abuse and neglect
- family and community violence
- imprisonment and juvenile detention.

Together, the COAG targets and headline indicators provide an overview of progress in overcoming the disadvantage experienced by many Aboriginal and Torres Strait Islander Australians, and act as proxy measures for the priority outcomes.

Chapter 4 includes a discussion of the evidence base supporting the selection of each indicator, the definitions of the specific measures used to report against each indicator, and the available data.

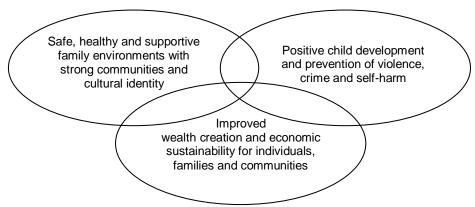
Strategic areas for action and strategic change indicators

The COAG targets and headline indicators, by their very nature, are extremely important, but their whole-of-government, long term nature can make it difficult to hold specific governments or agencies accountable for short to medium term outcomes. The second layer of the framework seeks to overcome this limitation by identifying 'strategic areas for action' — specific areas of policy where immediate action is needed to drive improvement in the COAG targets and headline indicators. Each strategic area for action has a small number of 'strategic change indicators' that measure short term progress.

The full strategic framework is presented in figure 2.1.2. Chapters 5 to 11 include the evidence base supporting the selection of each strategic area for action and its associated indicators, the definitions of the specific measures used to report against each indicator, and the available data.

Figure 2.1.2 Multi-level indicator framework

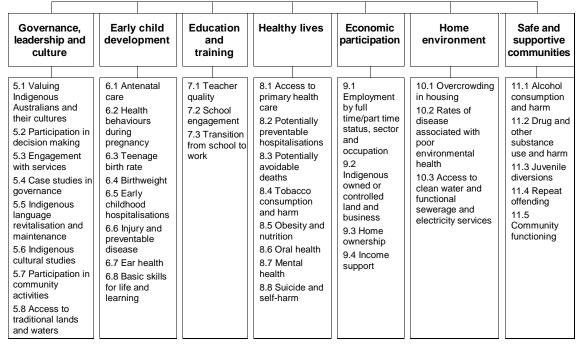
Priority outcomes



COAG targets and headline indicators

To tal goto and nodamio maloatoro						
COAG targets		Headline indicators				
4.1	Life expectancy	4.8	Post-secondary education — participation and attainment			
4.2	Young child mortality	4.9	Disability and chronic disease			
4.3	Early childhood education	4.10	Household and individual income			
4.4	Reading, writing and numeracy	4.11	Substantiated child abuse and neglect			
4.5	Year 1 to 10 attendance	4.12	Family and community violence			
4.6	Year 12 attainment	4.13	Imprisonment and juvenile detention			
4.7	Employment					

Strategic areas for action



Note: Numbers beside indicator names refer to section numbers in the report.

Strategic areas for action

The seven strategic areas for action were chosen for their potential to have a significant and lasting impact in reducing disadvantage and improving wellbeing. Each strategic area represents a set of related activities that evidence suggests have the potential to drive improvement in the headline indicators and progress toward the COAG targets.

The strategic areas for action in this report are aligned with the seven 'building blocks' identified by COAG to support the reforms aimed at achieving the six COAG targets (COAG 2011). The seven strategic areas are:

- governance, leadership and culture (chapter 5)
- early child development (chapter 6)
- education and training (chapter 7)
- healthy lives (chapter 8)
- economic participation (chapter 9)
- home environment (chapter 10)
- safe and supportive communities (chapter 11).

The strategic areas do not mirror typical government service silos. Closing the gaps in outcomes will require the combined efforts of governments, Aboriginal and Torres Strait Islander Australians and the broader community. In some cases, a specific service area will logically play a major role, but in all strategic areas, more than one government agency will have to take action in order to achieve better outcomes. For example, in the area of 'education and training', the school system has an important role to play, but so do agencies dealing with transport, housing and health. Chapter 3 discusses in more detail the need for coordinated government action to address the complex interactions between different aspects of disadvantage, and chapter 13 provides some analysis of factors that improve outcomes.

During consultations, many people asked how governments' progress in addressing the strategic areas for action would be monitored. The monitoring of specific government programs and services is beyond the scope of this report. Information about Aboriginal and Torres Strait Islander Australians' access to a range of government services is included in the Steering Committee's annual *Report on Government Services* (SCRGSP 2016). Estimates of government expenditure on Indigenous-specific and mainstream services to Aboriginal and Torres Strait Islander Australians are contained in the biennial *Indigenous Expenditure Report* (IER) (SCRGSP 2014a). Similarly to the OID framework, the estimates in the IER are based on the seven COAG 'building blocks', but are not directly comparable as the IER is based on services (which can influence multiple outcomes) and the OID report is based on outcomes (which can be influenced by multiple services).

Strategic change indicators

A small number of targeted, shorter term 'strategic change indicators' measure progress for each strategic area for action. These indicators make it easier to track short term progress, and improve accountability for outcomes. (The term 'indicator' has a particular meaning in this report, and is distinguished from the term 'measure' — see box 2.1.1).

Box 2.1.1 Indicators and measures

In this report, the term 'indicator' refers to a broad statement of the concept to be measured. Indicators are usually described in general terms, to allow for developments in the evidence base and changing data sets over time.

In this report, the term 'measure' refers to how an indicator will be measured. Data limitations mean that, sometimes, proxy measures must be used to report against indicators, and multiple measures may be required to illustrate a single indicator. Information on the measures reported for each indicator is provided at the beginning of each indicator section.

Linkages across the framework mean that some indicators potentially could be placed in more than one strategic area for action. Indicators have been placed in the strategic area where the evidence base suggests they will have greatest effect, but their potential to influence other outcomes is acknowledged by cross-references in the text.

Many indicators could have been included in this report. Potential strategic change indicators were assessed against the criteria listed in box 2.1.2 before they were added to the framework. Most of the indicators in the report meet all the criteria — but a few indicators are regarded as so important that they are included even though they do not meet some criteria.

Box 2.1.2 Criteria used to select strategic change indicators

- 1. Required by alignment with National Indigenous Reform Agreement indicators
- 2. Measures an outcome (rather than an input or output) or a close proxy for an outcome
- 3. Relevance to priority outcomes
- 4. Improvement in the strategic change indicator result in improvement over time in the COAG targets and headline indicators
- 5. Supported by strong logic or empirical evidence
- 6. Sensitive to policy interventions and changes in policy settings
- 7. Meaningful to stakeholders and principally to Aboriginal and Torres Strait Islander Australians
- 8. Unambiguous and clear in meaning and interpretation
- 9. The existence, or ease, of developing supporting data sets.

The first criterion notes the requirement to align relevant indicators in the OID report with indicators in the NIRA. The second criterion notes the OID report's emphasis on measurable *outcomes* (impacts on individuals or communities) rather than inputs (resources spent) or outputs (services provided). In some cases, where there is strong evidence that certain inputs or outputs are closely linked to an outcome, those inputs or outputs may be included as proxy indicators of that outcome (for example, access to primary health care and quality antenatal care).

The next three criteria are closely related — the whole framework is geared toward measuring progress toward the priority outcomes. The report draws its strength from the evidence base or underlying theory of causality that links improvement in a strategic change indicator to improvement in the COAG targets and headline indicators, and therefore progress toward the priority outcomes. For most indicators, empirical evidence provides the causal link. For some indicators, despite limited empirical evidence, persuasive logic and compelling feedback from consultations provide the link.

The sixth and seventh criteria are also closely linked. The terms of reference for the report require it to inform Australian governments about the impact of policy programs and interventions, and to be meaningful to Aboriginal and Torres Strait Islander Australians. All indicators have been formally agreed by all Australian governments, and accepted as meaningful by a broad range of Aboriginal and Torres Strait Islander organisations and individuals (see chapter 1 on engagement with Aboriginal and Torres Strait Islander Australians).

The eighth criterion recognises that, to be most useful, an indicator should be clear and unambiguous. Most indicators in this report are relatively easy to understand, and it is intuitively obvious whether progress is being made. However, in some cases, important indicators may yield ambiguous results; for example, an increase in notifications of child abuse or neglect might reflect declining child welfare but, alternatively, might reflect an increase in the proportion of incidents being reported, investigated and addressed. Where indicators are potentially ambiguous, the report includes explanatory text to assist interpretation.

The final criterion recognises the practical need for relevant data to report against an indicator. In some cases, proxy measures are reported and, in a few cases, important indicators have been included even though data are substantially qualified, not available for all jurisdictions or not available at all (and qualitative information is reported instead). Some of these indicators have been identified as high priorities by COAG (for example, 'teacher quality' and 'school engagement') and data strategies are being developed.

Relationships between the indicators

Causal relationships are at the heart of the indicator framework, linking strategic change indicators with the COAG targets and headline indicators, and therefore the priority outcomes. Chapter 3 looks at interactions across the framework and chapter 13 examines

interactions with a focus on education and employment. More information about relationships between indicators is provided in the evidence base for each indicator.

Much of the available information about links between indicators is at a fairly general level. More sophisticated statistical analysis is only possible where a range of information has been collected on a consistent basis for each individual or household, preferably over time. The AIHW and ABS, in partnership with states and territories, developed national best practice guidelines for data linkage relating to Aboriginal and Torres Strait Islander people along with a companion document of current and planned data linkage work (AIHW 2013, AIHW and ABS 2012).

At the jurisdictional level, WA has coordinated data linkage activities through a number of agencies and academia, which connects all available health and related information for the WA population. Since 1995, more than 900 projects have made use of WA linked data (see www.datalinkage-wa.org/projects). In 2006, NSW and the ACT established the Centre for Heath Record Linkage (CHeReL) to expand access to linked health-related data, with more than 1300 users accessing data (see www.cherel.org.au/achievements). Building on the data linkage units in WA and NSW/ACT, the Population Health Research Network (PHRN) was established in 2009 to build a nationwide data linkage infrastructure, and has a network of data linkage units located in each State and Territory. Since 2009, PHRN has of linked data for more than 125 supported provision projects www.phrn.org.au/projects/). The SA-NT DataLink is part of the PHRN and supports health, social and economic research, education and policy in SA and the NT (SA-NT DataLink 2016).

Things that work

The Steering Committee recognises that data alone cannot tell the complete story about the wellbeing of Aboriginal and Torres Strait Islander Australians. Although there are gaps in reported outcomes, there are many examples of successful initiatives, often at the community level, that are acting to close those gaps. These successes are often not apparent from the aggregate data in this report.

For many indicators, the Steering Committee has included brief case studies of programs or services that are making a difference — examples of 'things that work'. These case studies demonstrate that things can improve, and provide models that other governments or communities can draw upon and adapt for their own use.

Feedback from the review of the report in 2012 (covered in more detail in section 2.2) indicated that, although many readers of the report valued the 'things that work' case studies, there was a general desire to improve the rigour of the case studies, to ensure that highlighted programs and services really were making a difference. For the 2014 report, the Steering Committee agreed that, wherever possible, 'things that work' case studies will be drawn from the Closing the Gap Clearinghouse evidence based evaluations of specific programs (see AIHW and AIFS nd for further information on the Clearinghouse).

Commonwealth funding for the Clearinghouse ceased in 2014 with the final publication loaded in December 2015.

Where no relevant material has been available from the Clearinghouse, other potential 'things that work' case studies were provided by jurisdictions (through the Steering Committee and its advisory group, the OID working group) and were assessed against the criteria in box 2.1.3. A very high threshold was applied to ensure appropriate rigour, with independent evaluations of programs sought. For case studies where evaluations are relatively dated, these have been included where recent information indicates program outcomes have been maintained. In a few cases, the Steering Committee has included case studies of innovative reforms that appear worthwhile, but which have not been evaluated. In such cases, the Steering Committee has explicitly noted the desirability of formal evaluation.

Box 2.1.3 'Things that work' criteria

Things that work' case studies highlight programs or services that are successfully acting to improve outcomes for Aboriginal and Torres Strait Islander Australians. Case studies must:

- · be relevant to a report indicator
- · have measurable, up to date outcomes
- · have a reasonable track record of success
- be supported by local Indigenous people who use or are affected by the case study
- · be agreed for inclusion by all jurisdictions
- where possible, include an analysis of costs and benefits.

The rigour in the selection of case studies has resulted in a relatively small number included in this report (compared to the overall number of programs and policies in operation across Australia). This reflects a lack of rigorously evaluated programs in the Indigenous policy area. As noted by participants in the Productivity Commission's Roundtable on Indigenous policy evaluation in 2013 'Significant gaps exist in the Australian evidence base, due to [the] lack of mandated evaluations' (PC 2013, page 6, summary of roundtable discussions). This point was reiterated by the Productivity Commission in its NIRA assessment report (PC 2015), with the report stating that a much greater emphasis should be placed on policy evaluation if improvements are to be seen in outcomes for Aboriginal and Torres Strait Islander Australians.

2.2 Key concepts incorporated in the framework

The OID report's strategic framework has changed over time, responding to changes in government priorities, developments in the evidence base and feedback from consultations with Aboriginal and Torres Strait Islander Australians and their organisations, academics, researchers and service providers.

In 2012, the Productivity Commission, on behalf of the Steering Committee, commissioned the Australian Council for Educational Research Ltd (ACER) to review the report. The ACER review found that most users considered the report to be a useful compendium of information on the wellbeing of Indigenous Australians. However, the review made a number of recommendations for changes to the report's production and content (ACER 2012). The Steering Committee developed a set of proposed responses to the ACER review (SCRGSP 2013), which formed the basis of national consultations. Following those consultations, the Steering Committee agreed a set of final responses, which were implemented for the 2014 report (SCRGSP 2014b).

The two major changes implemented with the 2014 report were:

- increased Aboriginal and Torres Strait Islander engagement in all phases of the reporting process
- a greater focus on 'strengths-based' reporting and Aboriginal and Torres Strait Islander Australians' conceptions of wellbeing.

Increased Aboriginal and Torres Strait Islander engagement

Aboriginal and Torres Strait Islander Australians have been actively involved with the OID report since its inception. The report had its origins in a recommendation of the Council for Aboriginal Reconciliation in 2000, and ATSIC was a member of the working group that advised the Steering Committee on the first edition of the report. The National Congress of Australia's First Peoples (established in 2010) is represented on the working group that advises the Steering Committee on this report. (The Congress has made clear to the Steering Committee that its involvement is not a substitute for engagement with the broader Aboriginal and Torres Strait Islander community.)

Each edition of the report has benefited from consultations with Aboriginal and Torres Strait Islander Australians in all states and territories, and in a range of remoteness areas. Commencing with the 2014 report, the previous practice of engaging a single Indigenous academic referee was expanded, with different Aboriginal and Torres Strait Islander organisations or experts reviewing each section of the report.

For this report, the name of the reviewer is noted in relevant sections and all reviewers are acknowledged on p. xiv, but the final content of the report remains the responsibility of the Steering Committee. The Steering Committee is extremely grateful to these organisations and individuals, and acknowledges the significant contributions they have made to the report.

Strengths-based reporting and wellbeing

The involvement of Aboriginal and Torres Strait Islander Australians contributed to a key development commencing with the 2014 report — a greater focus on strengths-based reporting with a reframing from 'overcoming disadvantage' to 'improving wellbeing'.

Strengths-based reporting

The original terms of reference for this report called for '...a regular report to COAG against key indicators of disadvantage ... that are of relevance to all governments and Indigenous stakeholders ...'. In previous editions of the report until 2014, nearly all indicators compared outcomes for Aboriginal and Torres Strait Islander Australians and non-Indigenous Australians, with a particular focus on the 'gap'.

Following feedback from many Aboriginal and Torres Strait Islander people and organisations, the Steering Committee implemented a more strengths-based approach¹ for the 2014 report including:

- giving greater emphasis to previously reported strengths-based indicators (including indicators of culture), and including additional strengths-based indicators
- where relevant, noting positive outcomes for the majority of Aboriginal and Torres Strait Islander Australians before discussing the gap in outcomes between Aboriginal and Torres Strait Islander and non-Indigenous Australians
- expressing existing 'negative' indicators in the positive (for example, changing 'tooth decay' to 'oral health')
- retaining the 'things that work' examples of successful programs, with increased rigour to ensure that highlighted examples really are making a difference
- renaming the former 'Governance and Leadership' area as 'Governance, leadership and culture' (the most significant Aboriginal and Torres Strait Islander specific conceptions of wellbeing were around 'culture') and making it the first strategic area, to emphasise its significance as underpinning all other outcomes
- grouping the 'cultural' indicators together under this strategic area, to increase their prominence and allow for a discussion about the connections between culture and other outcomes.

For this report, the strengths-based approach has been implemented in chapter 13, with the previously titled chapter on 'measuring multiple disadvantage' re-framed to focus on interactions that improve outcomes for Aboriginal and Torres Strait Islander Australians, including recent quantitative analysis by the Productivity Commission on what works best to improve primary school outcomes.

A strengths-based approach views situations realistically and looks for opportunities to build on existing strengths, as opposed to a deficit-based approach which focuses on the problem/s.

Measuring wellbeing

The broad term 'wellbeing' encompasses a number of related concepts, and there can be specific Indigenous conceptions of wellbeing. Table 2.2.1 sets out the broad elements of three Indigenous strengths-based frameworks:

- the ABS Indigenous wellbeing framework
- the Maori wellbeing framework
- Aboriginal and Torres Strait Islander Health Performance Framework.

There is a high degree of overlap between these frameworks and the indicators in this report — for example, all include measures of community safety, health, education and employment.

Table 2.2.1 Wellbeing	framework elements	
ABS Indigenous wellbeing framework	Māori wellbeing framework	Aboriginal and Torres Strait Islander Health Performance Framework
Culture, heritage and leisure Family, kinship and community Health	Subjective wellbeing (life satisfaction; sense of control; health status; connections)	Health status and outcomes (health conditions; human function; life expectancy and wellbeing; deaths) Determinants of health (environmental factors; socioeconomic factors; community capacity; health behaviours; person-related factors) Health system performance (effective/appropriate/efficient; responsive; accessible; continuous; capable; sustainable)
Education, learning and skills Customary, voluntary and paid work Income and economic resources Housing, infrastructure and services Law and Justice Citizenship and governance	Social wellbeing (whānau ^a contact; access to help; voluntary work; trust; experience of crime and discrimination) Cultural wellbeing (knowledge of cultures and ability to access in time of need; use and proficiency in language) Economic wellbeing (material standard of living; paid work; housing problems)	

a There is no common definition of Whānau, but it is described as connection to a person, either through a common ancestor or through a common purpose or goal (Tibble, A and Ussher, S 2012, Kei te pewhea to whānau? Exploring whānau using the Māori Social Survey, Statistics New Zealand).

Sources: ABS 2010, Framework for Measuring Wellbeing: Aboriginal and Torres Strait Islander Peoples, 2010, Cat. no. 4703.0, Canberra, ACT; Statistics New Zealand 2014, Te Kupenga 2013 data dictionary, http://www.stats.govt.nz/~/media/Statistics/surveys-and-methods/our-surveys/te-kupenga-datadictionary/te-kupenga-2013-data-dictionary-pdf (accessed 20 May 2014); AHMAC 2015, Aboriginal and Torres Strait Islander Health Performance Framework 2014, AHMAC, Canberra.

For the 2014 report, additional indicators were included to reflect other outcomes that Aboriginal and Torres Strait Islander Australians themselves viewed as important, in the main related to culture, along with two clear messages from consultations:

no single indicator can adequately reflect the importance of culture in the lives of Aboriginal and Torres Strait Islander Australians

culture underpins many of the outcomes across the framework, and the links across the strategic areas for action, and between these areas and the COAG targets and headline indicators, are particularly strong.

The Steering Committee acknowledges the diversity of Aboriginal and Torres Strait Islander cultures. While there has been general endorsement of the cultural indicators in this report, they may not reflect the aspirations of all Aboriginal and Torres Strait Islander Australians. In addition, it can be very difficult to define aspects of culture in a way that can be measured for inclusion in a largely quantitative report such as this. Acknowledging these constraints, the Steering Committee significantly increased the number of indicators of culture and wellbeing in the 2014 report (for further details on indicators included from the 2014 report see chapter 2, SCRGSP 2014c).

Other potential culture and wellbeing indicators

Consultations suggested some other indicators that were highly meaningful to Aboriginal and Torres Strait Islander Australians. However, some of these potential indicators were in areas that Aboriginal and Torres Strait Islander Australians regarded as their own responsibility, not that of governments (for example, 'spirituality'). For other potential indicators, there was no consensus on specific indicators or no supporting data which would allow reporting.

The Steering Committee is committed to ongoing research into other potential culture and wellbeing indicators for future reports, and welcomes suggestions of potential concepts, indicators and data sources that it should consider.

2.3 References

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