

National Indigenous Reform Agreement: PI 10-The proportion of Indigenous children aged 4 and 5 years who are enrolled in, and attending, a preschool program in the year before full-time schooling, by remoteness, 2013

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National Indigenous Reform Agreement: PI 10-The proportion of Indigenous children aged 4 and 5 years who are enrolled in, and attending, a preschool program in the year before full-time schooling, by remoteness, 2013

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI 10-The proportion of Indigenous children aged 4 and 5 years who are enrolled in, and attending, a preschool program, by remoteness
METEOR identifier:	484327
Registration status:	Indigenous , Superseded 13/12/2013
Description:	<p>There are two measures for this indicator, both to be reported by remoteness areas:</p> <p>(a): The proportion of Indigenous children aged 4 and 5 years old as at 1 July of the collection year, who are enrolled in a preschool program in the year before full-time schooling.</p> <p>(b): The proportion of Indigenous children aged 4 and 5 years old as at 1 July of the collection year, who are attending a preschool program in the year before full-time schooling.</p>
Rationale:	Indigenous children have a lower level of participation in early childhood education than non-Indigenous children. Without preschool learning opportunities, Indigenous children are likely to be behind from their first year of full-time schooling. This is a key indicator in measuring the Closing the Gap target of ensuring that all Indigenous four year olds in remote communities have access to early childhood education within five years.
Indicator set:	National Indigenous Reform Agreement (2013) Indigenous , Superseded 13/12/2013
Outcome area:	Indigenous children have access to affordable, quality early childhood education in the year before full-time schooling Indigenous , Superseded 01/07/2016
Data quality statement:	National Indigenous Reform Agreement: PI 10-The proportion of Indigenous children aged 4 and 5 years who are enrolled in, and attending, a preschool program in the year before full-time schooling, by remoteness, 2013 QS Indigenous , Superseded 25/06/2014

Collection and usage attributes

Computation description:	<p>The proportion of children aged 4 and 5 years old as at 1 July of the collection year, who are enrolled in, and attending, a preschool program in the year before full-time schooling, by remoteness as measured by the Remoteness Structure of the ABS Australian Standard Geographical Classification (ASGC).</p> <p>Proportions are calculated for Indigenous Australians.</p> <p>Presentation: Percentage.</p>
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Computation:

$100 \times (\text{Numerator} \div \text{Denominator})$

The numerator is obtained by summing all children aged 4 and 5 years old who are reported as Indigenous and for Measure (a), have a 'Yes' response against the data element 'Preschool program enrolment indicator', and for Measure (b), have a 'Yes' response against the data element 'Preschool program attendance indicator'.

Measure (a): The proportion of Indigenous children aged 4 and 5 years old, who are enrolled in a preschool program in the year before full-time schooling.

Measure (b): The proportion of Indigenous children aged 4 and 5 years old, who are attending a preschool program in the year before full-time schooling.

Numerator:

Measure (a): The number of Indigenous children aged 4 and 5 years old as at 1 July of the collection year, who are enrolled in a preschool program in the year before full-time schooling.

Measure (b): The number of Indigenous children aged 4 and 5 years old as at 1 July of the collection year, who are attending a preschool program in the year before full-time schooling.

Numerator data elements:

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

[National Early Childhood Education and Care Collection](#)

NMDS / DSS

[Early Childhood Education and Care DSS 2011](#)

Guide for use

Data source type: Compilation of jurisdictional administrative data and censuses.

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[National Early Childhood Education and Care Collection](#)

NMDS / DSS

[Early Childhood Education and Care DSS 2011](#)

Guide for use

Data source type: Compilation of jurisdictional administrative data and censuses.

Data Element / Data Set

[Child—preschool program attendance indicator, yes/no code N](#)

Data Source

[National Early Childhood Education and Care Collection](#)

NMDS / DSS

[Early Childhood Education and Care DSS 2011](#)

Guide for use

Data source type: Compilation of jurisdictional administrative data and censuses

Data Element / Data Set

[Child—preschool program enrolment indicator, yes/no code N](#)

Data Source

[National Early Childhood Education and Care Collection](#)

NMDS / DSS

[Early Childhood Education and Care DSS 2011](#)

Guide for use

Data source type: Compilation of jurisdictional administrative data and censuses.

Denominator:

Estimated number of Indigenous children aged 4 years old.

Denominator data elements:

Data Element / Data Set

[Person—estimated resident population of Australia, total people N\[N\(7\)\]](#)

Data Source

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

Guide for use

ABS Indigenous population projections by remoteness based on the 2006 Census has been specified as the only available source of data in 2011. However, in the future, in the event that an improved population data source becomes available, the use of ABS Indigenous population projections should be reconsidered.

Disaggregation:

For enrolment and attendance (both measures (a) and (b)):

National only, by remoteness areas (Major cities; Inner/Outer regional areas; Remote/Very remote areas).

Disaggregation data elements:

Data Element / Data Set

Guide for use

Currently, a range of data elements are input to data by remoteness areas in the National ECEC Collection depending on the child count used to derive the numerator for this indicator.

Comments:

This performance indicator (measures (a) and (b)) should use child level data where available, calculated using Statistical Linkage Key (SLK) 581 (METeOR ID 349895) which provides a unique identifier for the majority of children.

Currently, not all records in the National ECEC Collection are produced at the unique child level. This means that there is a risk of duplicate counts across services and sectors for these records. It is also possible for a child to be enrolled in preschool for more than one year, so that duplication may occur across time.

Therefore these specifications adopt a number of counts according to the availability of data for the 2011 National ECEC Collection. Where available, the count of 'Children in a preschool program in the year before fulltime schooling' (YBFS) is to be used. This count includes all children aged 4 and 5 years old who were enrolled in and attended a preschool program in the YBFS for the first time in the collection year (i.e. excluding 5 year old children who were enrolled in and attended more than one year of a preschool program).

Where YBFS is not available, the count of 'Children in a preschool program in the calendar year' ('Children in 2011') count is to be used. This count includes all children aged 4 and 5 years old that were enrolled in and attended a preschool program in the collection year. A child is included in this count regardless of whether they also attend a preschool program in a previous year (i.e. including children who were enrolled in and attended more than one year of a preschool program).

Where no child level data are available, the 'Episode of Preschool' count is to be used. This count includes totals of children enrolled in and attending preschool programs at the service provider level only. Data collected at this level do not contain detailed child record level information, therefore, all child data collected at the service provider record level are reported as episodes of enrolment and attendance.

For more information on creating unique child records from child episode data, including how to treat multiple enrolments and repeat enrolments over time, see Chapter 3, ABS, *National Early Childhood Education and Care Collection: Concepts, Sources and Methods, 2011* (ABS cat. no. 4240.0.55.001).

In addition, where information on the child's usual place of residence is not available – that is, where insufficient information on the child's address was collected, where no address details have been provided, or no unit record level information exists - remoteness in 2011 is to be assigned using the address of the service at which the child is enrolled.

At this stage, data are not able to be disaggregated by State and Territory as population data for the denominator are not available (i.e. Population data for Indigenous children by single year of age by sub-state remoteness area).

Representational attributes

Representation class:	Percentage
Data type:	Real
Unit of measure:	Person
Format:	NN.N

Indicator conceptual framework

Framework and dimensions:	Socioeconomic Factors
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Data source attributes

Data sources:

Data Source

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

Frequency

Periodic

Data quality statement

[ABS Indigenous experimental estimates and projections, QS](#)

Data custodian

Australian Bureau of Statistics

Data Source

[National Early Childhood Education and Care Collection](#)

Frequency

Annual

Data custodian

Australian Bureau of Statistics

Accountability attributes

Organisation responsible for providing data: Australian Bureau of Statistics (for ECEC data collection).

Further data development / collection required: Specification: Long-term.

Further improvements are required to provide comparable (YBFS) data for all states and territories. Further work on the quality of attendance data will improve the quality of these data.

Further work is required to provide appropriate sub-state population counts for the denominator.

Source and reference attributes

Steward: [National Indigenous Reform Agreement Performance Information Management Group](#)

Relational attributes

**Related metadata
references:**

Supersedes [National Indigenous Reform Agreement: PI 17-The proportion of Indigenous children \(by geographic location as identified by the ASGC\), who are enrolled in \(and attending, where possible to measure\) a preschool program, 2012 Indigenous](#), Superseded 13/06/2013

Has been superseded by [National Indigenous Reform Agreement: PI 10-The proportion of Indigenous children aged 4 and 5 years who are enrolled in, and attending, a preschool program in the year before full-time schooling, by remoteness, 2014 Indigenous](#), Superseded 24/11/2014

See also [Record—linkage key, code 581 XXXXXDDMMYYYN](#)
[Community Services \(retired\)](#), Standard 21/05/2010
[Disability](#), Standard 07/10/2014
[Early Childhood](#), Standard 21/05/2010
[Health](#), Superseded 25/01/2018
[Homelessness](#), Superseded 10/08/2018
[Housing assistance](#), Standard 23/08/2010

See also [Record—linkage key, code 581 XXXXXDDMMYYXX](#)
[Health](#), Standard 25/01/2018
[Homelessness](#), Standard 10/08/2018