

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, 2016

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, 2016
METEOR identifier:	611186
Registration status:	<ul style="list-style-type: none">• Indigenous, Standard 18/11/2015

Description: There are two measures for this indicator, both to be reported by remoteness areas:

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.

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.

Rationale: Indigenous children generally 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 \(2016\)](#)
[Indigenous](#), Superseded 01/07/2016

Outcome area: [Indigenous children have access to affordable, quality early childhood education in the year before full-time schooling](#)
[Indigenous](#), Superseded 01/07/2016

Collection and usage attributes

Computation description: 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 area (for 2013 data onwards).

Proportions are calculated for Indigenous Australians.

Presentation: Percentage.

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'. The denominator is the projected number of Indigenous children aged 4 years as at 30 June in the numerator collection year.

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

Data Element

Child—preschool program attendance indicator

Data Source

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

NMDS / DSS

[Early Childhood Education and Care DSS 2015](#)

Guide for use

Data source type: Compilation of jurisdictional administrative data and censuses

Data Element / Data Set

Data Element

Child—preschool program enrolment indicator

Data Source

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

NMDS / DSS

[Early Childhood Education and Care DSS 2015](#)

Guide for use

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

Data Element / Data Set

Data Element

Person—date of birth

Data Source

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

NMDS / DSS

[Early Childhood Education and Care DSS 2015](#)

Guide for use

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

Data Element / Data Set

Data Element

Person—Indigenous status

Data Source

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

NMDS / DSS

[Early Childhood Education and Care DSS 2015](#)

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

Data Element

Person—estimated resident population of Australia

Data Source

[ABS Indigenous estimates and projections \(2011 Census-based\)](#)

Guide for use

ABS Indigenous population projections by remoteness based on the 2011 Census has been specified as the only currently available source of data.

Disaggregation:

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

Current Period (2014):

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

Time series—2013 (previously provided—was the first year of all jurisdictions reporting data for children in year before full-time schooling) and 2014 (available this cycle):

- Indigenous: Total only, by remoteness areas (Major cities; Inner/Outer regional areas; Remote/Very remote areas)
- Indigenous status: state/territory.

Disaggregation data elements:

Data Element / Data Set

Guide for use

For 2014, all jurisdictions are able to provide counts for Indigenous children in the year before full-time schooling.

Comments:

This performance indicator (measures (a) and (b)) should use child level data excluding repeaters where available, calculated using a [Statistical Linkage Key \(SLK\)](#) which provides a unique identifier for the majority of children.

Currently, some records in the National Early Childhood Education and Care (ECEC) Collection are produced from aggregate data rather than at the unique child level. Where no child level data are available, counts of preschool episodes are to be used.

Where available, the count of 'Children in a preschool program in the year before full-time 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 (that is, 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 2014') 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 (that is, including children who were enrolled in and attended more than one year of a preschool program).

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, 2013* (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 area is to be assigned using the address of the service at which the child is enrolled, according to the Remoteness Structure of the ABS Australian Statistical Geography Standard (ASGS).

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 estimates and projections \(2011 Census-based\)](#)

Frequency

Periodic

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:

Has been superseded by [National Indigenous Reform Agreement: PI 10-Proportion of Indigenous children who are enrolled in \(and attending, where possible to measure\) a preschool program in the year before formal schooling, 2018](#)

- [Indigenous](#), Superseded 31/07/2018

Supersedes [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, 2015](#)

- [Indigenous](#), Superseded 18/11/2015