National Indigenous Reform Agreement: PI 11—Percentage of students at or above the national minimum standard in reading, writing and numeracy for Years 3, 5, 7 and 9, 2020; Quality Statement

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Identifying and definitional attributes

Metadata item type:	Data Quality Statement
METEOR identifier:	726266
Registration status:	Indigenous, Standard 06/02/2020

Data quality

Institutional environment:	Data collector(s): Individual schools send the data under a set of protocols to the test administration authorities for the states and territories Collection authority: *Australian Curriculum, Assessment and Reporting Authority* (ACARA) Act 2008 Data compiler(s): Australian Council for Educational Research (ACER)
Timeliness:	Collection interval/s: The NAPLAN tests are conducted annually. Data available: NAPLAN achievement in reading, writing, language conventions and numeracy: national report for 2018, which was released in April 2018. The 2019 NAPLAN data were not available in time for inclusion in the 2020 NIRA.
Accessibility:	Data are publicly available on www.nap.edu.au Data are not available prior to public access Supplementary data are not available The data are available in PDF format at www.nap.edu.au. Data for this indicator are published annually in National Indigenous Reform Agreement information reports (which are available on the Productivity Commission website).
Interpretability:	Context: Yes, this is within the context of the NAPLAN testing and reporting environment Other supporting information: Frequently asked questions (FAQ's) are available on www.nap.edu.au
Relevance:	Level of geography: Data are available by National, State and Territory, and geo-location levels Data completeness: Yes Indigenous statistics: All data are available by Indigenous status by geolocation by State and Territory Numerator/Denominator source: The numerator and denominator are compiled from a single source, with the exception of aggregated data for the mean scale scores provided by ACER For Education indicators, are all types of schools, universities, technical colleges/Technical and Further Educations (TAFEs) and correspondence schools included? Schools that sit NAPLAN tests Have standard classifications been used? Yes

Accuracy:

Method of collection: For paper - by test administration authorities and provided to ACER, who provide to ACARA. For online this is captured by the online platform by ACER, who provide to ACARA. Please note some manual reconciliation was required for students that sat a combination of paper and online tests.

Data adjustments: Raw NAPLAN scores are converted to scaled scores

Sample/collection size: The collection size is a census of NAPLAN participating years (that is, Years 3, 5, 7 and 9).

Standard errors: The standard errors have been used to calculate 95% confidence intervals for all the data provided

Known issues: Confidence intervals should be considered when ranking jurisdictions. The confidence intervals used to compare jurisdictions within a calendar year are not the same confidence intervals used to compare across calendar years

Year to year change: Caution should be exercised when using the data to measure small changes from year to year; 95% confidence intervals have been provided to the Steering Committee

The abbreviation 'n.p.' indicates data were not published as there were no students tested or the number of students tested was less than 30.

'..' indicates that the geo-location code does not apply within this State/Territory or for this year level.

Coherence:

Consistency over time: NAPLAN results are collected in a consistent manner annually.

The numerator and denominator are compiled from a single source, with the exception of aggregated data for the mean scale scores provided by ACER

The data are consistent with data supplied in previous reporting rounds.

Jurisdiction estimate calculation: Yes

Jurisdiction/Australia estimate calculation: Yes

Collections across populations: Yes

Source and reference attributes

Reference documents:

ACARA (Australian Curriculum, Assessment and Reporting Authority) 2019. NAPLAN achievement in reading, persuasive writing, language conventions and numeracy: national report for 2018. Sydney: ACARA.

Relational attributes

Related metadata references:

Supersedes National Indigenous Reform Agreement: PI 11—Percentage of students at or above the national minimum standard in reading, writing and numeracy for Years 3, 5, 7 and 9, 2019; Quality Statement
Indigenous, Standard 07/02/2019

Indicators linked to this Data Quality statement:

National Indigenous Reform Agreement: PI 11-Percentage of students at or above the national minimum standard in reading, writing and numeracy for Years 3, 5, 7 and 9, 2020
Indigenous, Standard 23/08/2019