

Remoteness classification (ASGS-RA) N

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Identifying and definitional attributes

Metadata item type:	Value Domain
Synonymous names:	Remoteness area; Remoteness structure
METEOR identifier:	531713
Registration status:	Health! , Superseded 06/09/2018
Definition:	Australian Statistical Geography Standard-Remoteness Area (ASGS-RA) is a geographical classification which defines locations in terms of remoteness, i.e. the physical distance of a location from the nearest Urban Centre .
Context:	<p>Geographic remoteness is essentially a measure of a physical location's level of access to goods and services. Large population centres tend to have a greater range of goods and services available than small centres. Typically, a population centre is not likely to provide a full range of goods and services until its population reaches around 250,000 people.</p> <p>The measures of remoteness used by the Australian Bureau of Statistics (ABS) are based on population estimates obtained from the Census of Population and Housing, conducted every 5 years. Remoteness measures are calculated using Accessibility/Remoteness Index of Australia (ARIA+) scores, which are based on the distance of geographic locations from the nearest population centre in various size ranges. The lower the ARIA+ score for a location, the better its level of access to goods and services.</p> <p>Information in relation to how remoteness is defined and calculated is available from the Geography portal on the ABS website.</p> <p>Information in relation to how ARIA+ scores are calculated for physical locations is available from the Australian Population and Migration Research Centre (APMRC) website.</p>

Representational attributes

Classification scheme:	Australian Statistical Geography Standard 2011	
Representation class:	Code	
Data type:	Number	
Format:	N	
Maximum character length:	1	
	Value	Meaning
Permissible values:	1	Major cities of Australia
	2	Inner regional Australia
	3	Outer regional Australia
	4	Remote Australia
	5	Very remote Australia
	6	Migratory
Supplementary values:	9	Not stated/inadequately described

Collection and usage attributes

Guide for use:

CODE 1 Major cities of Australia

'Major cities of Australia' includes Statistical Area Level 1s (SA1s) with an average Accessibility/Remoteness Index of Australia (ARIA+) index value of 0 to 0.2.

CODE 2 Inner regional Australia

'Inner regional Australia' includes SA1s with an average ARIA+ index value greater than 0.2 and less than or equal to 2.4.

CODE 3 Outer regional Australia

'Outer regional Australia' includes SA1s with an average ARIA+ index value greater than 2.4 and less than or equal to 5.92.

CODE 4 Remote Australia

'Remote Australia' includes SA1s with an average ARIA+ index value greater than 5.92 and less than or equal to 10.53.

CODE 5 Very remote Australia

'Very remote Australia' includes SA1s with an average ARIA+ index value greater than 10.53.

Collection Methods:

'Migratory' is composed of off-shore, shipping and migratory SA1s.

In this value domain, physical distance is defined in terms of ARIA+ codes, rather than a simple linear distance between points.

The list of permissible values for this value domain, i.e. codes 1 to 6, is intended to be directly mappable to the values used by the ABS to describe remoteness areas, i.e. codes 0 to 5.

Comments:

In its initial form, as developed by the National Centre for Social Applications of Geographic Information Centres (now located within the Australian Population and Migration Research Centre) and the then Department of Health and Aged Care in 1999, ARIA scores ranged from 0 to 12 and were based on proximity to 4 points of reference.

A new version, ARIA+, was introduced in 2003, with ARIA+ scores now based on proximity to 5 points of reference. Also, changes were made to account for Tasmania's unique status as an island state, and to increase accuracy for locations at the urban fringe.

Prior to 2011, ARIA+ scores were calculated for individual Census Collection Districts (CCDs). Following the phasing out of the Australian Standard Geographical Classification (ASGC) and the introduction of the Australian Statistical Geography Standard (ASGS) by the ABS in 2011, ARIA+ scores are now calculated for individual Statistical Area Level 1s (SA1s).

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Steward: [Australian Institute of Health and Welfare](#)

Origin: Publications detailing the ASGS remoteness classification are available free of charge from the ABS website:

Australian Bureau of Statistics 2013. 1270.055.005 - Australian Statistical Geography Standard (ASGS): Volume 5 - Remoteness Structure, July 2011. Viewed 15 July 2013,
<http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1270.0.55.005July%202011?OpenDocument>

Reference documents: Information relating to the development of the ARIA and ARIA+ scores by the National Centre for Social Applications of Geographic Information Systems (GISCA) is available from the APMRC website:

Australian Population and Migration Research Centre (APMRC) 2013. ARIA (Accessibility/Remoteness Index of Australia). Viewed 15 July 2013, http://www.adelaide.edu.au/apmrc/research/projects/category/about_aria.html

Relational attributes

Related metadata references:

Supersedes [Remoteness classification \(ASGC-RA\) N](#)
[Community Services \(retired\)](#), Standard 10/04/2013
[Disability](#), Standard 13/08/2015
[Health!](#), Superseded 21/11/2013
[Housing assistance](#), Standard 01/05/2013

Has been superseded by [Remoteness classification \(ASGS-RA\) N](#)
[Health!](#), Standard 06/09/2018
[Housing assistance](#), Standard 10/05/2019

See also [Admitted patient care remoteness classification \(ASGS-RA\) N](#)
[Health!](#), Superseded 06/09/2018

See also [Medicare remoteness classification \(ASGS-RA\) N](#)
[Commonwealth Department of Health](#), Standard 14/10/2015

See also [Pharmaceutical Benefits Scheme \(PBS\) remoteness classification \(ASGS-RA\) X](#)
[Commonwealth Department of Health](#), Standard 17/12/2015

Data elements implementing this value domain:

[Health-care incident—geographic remoteness, remoteness classification \(ASGS-RA\) code N](#)
[Health!](#), Superseded 06/09/2018

[Person—geographic remoteness, classification \(ASGS-RA\) N](#)
[Health!](#), Superseded 06/09/2018