

Person—geographic remoteness, classification (ASGS-RA) N

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Person—geographic remoteness, classification (ASGS-RA) N

Identifying and definitional attributes

Metadata item type:	Data Element
Short name:	Geographic remoteness
Synonymous names:	Geographic remoteness of person
METEOR identifier:	569240
Registration status:	Health , Superseded 06/09/2018
Definition:	The remoteness of a location at which a person lives, based on the physical road distance to the nearest urban centre and its population size, as represented by a code.
Data Element Concept:	Person—geographic remoteness
Value Domain:	Remoteness classification (ASGS-RA) N

Value domain attributes

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.

CODE 6 Migratory

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

Collection methods:

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

Data element attributes

Collection and usage attributes

Guide for use: The remoteness classification of an entity can be derived using characteristics of its physical location, e.g. its postcode or other address details.

The remoteness classification (RA1 to RA5) can be found by entering the postcode or other address details of the person's residence into the Commonwealth Department of Health's Remoteness area locator, available on the DoctorConnect website. The website can be accessed via the following link:

<http://www.doctorconnect.gov.au/internet/otd/Publishing.nsf/Content/locator>

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Reference documents: Commonwealth Department of Health 2014. DoctorConnect. Viewed 23 April 2014,

<http://www.doctorconnect.gov.au/internet/otd/Publishing.nsf/Content/locator>

Relational attributes

Related metadata references: Has been superseded by [Person—geographic remoteness, classification \(ASGS-RA\) N](#)
[Health](#), Standard 06/09/2018

Implementation in Data Set Specifications: [National Bowel Cancer Screening Program NBEDS 2014-18](#)
[Health](#), Superseded 06/09/2018
Implementation start date: 01/07/2014
Implementation end date: 30/06/2018

**Implementation in
Indicators:**

[National Bowel Cancer Screening Program: PI 01-Participation rate](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 02-Screening positivity rate](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 03-Diagnostic assessment rate](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 04-Time between positive screen and diagnostic assessment](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 05a-Adenoma detection rate](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 05b-Positive predictive value of diagnostic assessment for detecting adenoma](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 06a-Colorectal cancer detection rate](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 06b-Positive predictive value of diagnostic assessment for detecting colorectal cancer](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 07-Interval cancer rate](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 08-Cancer clinico-pathological stage distribution](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 09-Adverse events \(hospital admission rate\)](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 10-Colorectal cancer incidence rate](#)

[Health](#), Superseded 06/09/2018

[National Bowel Cancer Screening Program: PI 11-Colorectal cancer mortality rate](#)

[Health](#), Superseded 06/09/2018

[National Healthcare Agreement: PI 02-Incidence of selected cancers, 2015](#)

[Health](#), Superseded 08/07/2016

[National Healthcare Agreement: PI 02-Incidence of selected cancers, 2016](#)

[Health](#), Superseded 31/01/2017

[National Healthcare Agreement: PI 02-Incidence of selected cancers, 2017](#)

[Health](#), Superseded 30/01/2018

[National Healthcare Agreement: PI 02-Incidence of selected cancers, 2018](#)

[Health](#), Superseded 19/06/2019

[National Healthcare Agreement: PI 02-Incidence of selected cancers, 2019](#)

[Health](#), Superseded 13/03/2020