

Address—statistical area, level 1 (SA1) code (ASGS Edition 3) N(11)

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Address—statistical area, level 1 (SA1) code (ASGS Edition 3) N(11)

Identifying and definitional attributes

Metadata item type:	Data Element
Short name:	Statistical area level 1 (SA1)
Synonymous names:	SA1
METEOR identifier:	747309
Registration status:	Aged Care , Standard 30/06/2023 Early Childhood , Standard 15/08/2023
Definition:	A designated region representing the smallest unit for the release of Census data used for describing a location, as represented by a code.
Data Element Concept:	Address—statistical area
Value Domain:	Statistical Area Level 1 (SA1) code (ASGS Edition 3) N(11)

Value domain attributes

Representational attributes

Classification scheme:	Australian Statistical Geography Standard Edition 3
Representation class:	Code
Data type:	String
Format:	N(11)
Maximum character length:	11

Collection and usage attributes

Guide for use:	SA1 coding structure: SA1s are identified by an 11-digit fully hierarchical code. The SA1 identifier is a 2-digit code, assigned within a Statistical area level 2 (SA2).
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State/territory	SA4	SA3	SA2	SA1
N	NN	NN	NNNN	NN

Comments:

SA1s have a population of between 200 and 800 people with an average population size of approximately 400 people. SA1s in remote and regional areas generally have smaller populations than those in urban areas.

There are 61,845 SA1s. In aggregate, they cover the whole of Australia without gaps or overlaps. These include 34 non-spatial SA1 special-purpose codes, comprising Migratory–Offshore–Shipping, No Usual Address, and Outside Australia.

SA1s are designed to be either predominantly rural or predominantly urban in character, with SA1s in rural and remote areas generally having a lower population than in urban areas. SA1s are designed to be internally connected by road, except for groups of unpopulated islands and Aboriginal and Torres Strait Islander communities, which may not be contiguous. Areas without permanent population (such as lakes, commercial developments, national parks etc.) are often represented by 'zero SA1s' - these are SA1s with an effective design population of zero.

SA1s are also used as the building blocks for a number of Australian Statistical Geography Standard (ASGS) defined regions including the Indigenous Structure, the Section of State and Urban Centre and Localities Structures, and the Remoteness Structure. Within the Non-ABS Structure, SA1s are used to approximate a number of administrative regions, such as Commonwealth Electoral Divisions and State Electoral Divisions.

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Origin: ABS (Australian Bureau of Statistics) 2021. Statistical Area Level 1: Australian Statistical Geography Standard (ASGS) Edition 3. Canberra: ABS. Viewed 10 August 2021. www.abs.gov.au/statistics/standards/australian-statistical-geography-standard-asgs-edition-3/jul2021-jun2026/main-structure-and-greater-capital-city-statistical-areas/statistical-area-level-1

Data element attributes

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Relational attributes

Related metadata references: Supersedes [Address—statistical area, level 1 \(SA1\) code \(ASGS 2016\) N\(11\) Early Childhood](#), Superseded 15/08/2023
[Health](#), Standard 06/12/2016

Implementation in Data Set Specifications: [Aged care address cluster](#)
[Aged Care](#), Standard 30/06/2023

Conditional obligation:

Conditional on the data being known.

[Early Childhood Education and Care: Unit Record Level NMDS 2023](#)
[Early Childhood](#), Standard 15/08/2023

Implementation start date: 01/07/2023

DSS specific information:

This item should be collected twice: once for the child and once for the early childhood education and care service.

Child

Should be reported for the usual residence of the child's parent or guardian. Do not report the Statistical Area Level 1 based on/according to post office box, suburb/town/locality or other non-residential address of the child's parent or guardian.

Early childhood education and care service

Should be reported for the physical location at which the [early childhood education program](#) is delivered. If the early childhood education program is received in a home-based setting (i.e., via distance education programs such as school of the air or e-Kindy), then the location of the service provider delivering the program should be used as the basis for the address, rather than the home-based setting.

[Early Childhood Education and Care: Unit Record Level NMDS 2024](#)

[Early Childhood](#), Recorded 24/05/2024

Implementation start date: 01/07/2024

DSS specific information:

This item should be collected twice: once for the child and once for the early childhood education and care service.

Child

Should be reported for the usual residence of the child's parent or guardian. Do not report the Statistical Area Level 1 based on/according to post office box, suburb/town/locality or other non-residential address of the child's parent or guardian.

Early childhood education and care service

Should be reported for the physical location at which the [early childhood education program](#) is delivered. If the early childhood education program is received in a home-based setting (i.e., via distance education programs such as school of the air or e-Kindy), then the location of the service provider delivering the program should be used as the basis for the address, rather than the home-based setting.

[National Preschool Attendance Collection DSS 2024](#)

[Early Childhood](#), Recorded 16/05/2024

DSS specific information:

In the National Preschool Attendance Collection, this item should be collected twice: once for the child and once for the early childhood education and care service.

Child

This item should be reported for the usual residence of the child's parent or guardian. Do not report the Statistical Area Level 1 based on/according to post office box, suburb/town/locality or other non-residential address of the child's parent or guardian.

Early childhood education and care service

This item should be reported for the physical location at which the early childhood education program is delivered. If the early childhood education program is received in a home-based setting (i.e., via distance education programs such as school of the air or e-Kindy), then the location of the service provider delivering the program should be used as the basis for the address.

[Socio-Economic Indexes for Areas \(SEIFA\) \(2021 Census, ASGS Edition 3\) cluster](#)

[Early Childhood](#), Standard 15/08/2023