

Address geocode cluster

Identifying and definitional attributes

Metadata item type: Data Set Specification

METEOR identifier: 611155

Registration status:

- [Health](#), Standard 05/10/2016

DSS type: Data Element Cluster

Scope: The Address geocode cluster defines the data elements used to collect the geocode components of an address, which is defined as a collection of information used for describing the location of an entity, and/or details describing how the entity can be contacted.

Address [geocoding](#) identifies the precise geographical location of an address using a global positioning system (GPS), which is a system of satellites, computers, and receivers that is able to determine the latitude and longitude of a receiver on the earth.

Address geocoding can be used to derive aggregated address data such as that needed to define providers within a specific Medicare Local, or indicate whether an individual is in a defined remote area. The latitude and longitude are the minimum required elements if geocode is being collected.

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare.

Origin: Standards Australia 2006. AS 4590-2006 Interchange of client information. Sydney: Standards Australia.

Reference documents: Standards Australia 2014. AS 4846:2014 Person and provider identification in healthcare. Sydney: Standards Australia.

Relational attributes

Implementation in Data Set Specifications: [Address group cluster](#)
[Health](#), Standard 05/10/2016

Metadata items in this Data Set Specification

| Seq No. | Metadata item | Obligation | Max occurs |
|---------|---|------------|------------|
| 1 | Address—geocode feature, text X[X(29)] | Optional | 1 |
| 2 | Address—geocode containment indicator, yes/no code N | Optional | 1 |
| 3 | Address—geocode geographic datum, text X[X(9)] | Optional | 1 |
| 4 | Address—geocode positional uncertainty, total metres N[NNN].NNN | Optional | 1 |
| 5 | Address—geocode vertical datum, text X[X(9)] | Optional | 1 |
| 6 | Address—geocode latitude, decimal degrees XN[N][.N(9)] | Optional | 1 |
| 7 | Address—geocode longitude, decimal degrees XN[NN][.N(9)] | Optional | 1 |
| 8 | Address—geocode height, total metres N[NNNN].NNN | Optional | 1 |

© Australian Institute of Health and Welfare 2015–2022

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 3.0 (CC BY 3.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build upon this work. However, you must attribute the AIHW as the copyright holder of the work in compliance with our attribution policy available at www.aihw.gov.au/copyright. The full terms and conditions of this licence are available at <http://creativecommons.org/licenses/by3.0/au/>.

Enquiries relating to copyright should be addressed to the Head of the Communications, Media and Marketing Unit, Australian Institute of Health and Welfare, GPO Box 570, Canberra ACT 2601.