

Address geocode cluster

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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 [Address group cluster](#)

Specifications: [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
DSS specific information:			
The address geocode containment indicator can also be represented as follows:			
C - The geocode is contained within the address site			
N - The geocode is not contained within the address site			
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