Address geocode cluster

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# Address geocode cluster

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| Identifying and definitional attributes |
| Metadata item type: | Data Set Specification |
| METEOR identifier: | 611155 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), 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**](https://meteor.aihw.gov.au/content/454203) 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. |

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| 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](https://meteor.aihw.gov.au/content/611145)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 05/10/2016 |

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| Metadata items in this Data Set Specification  |
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| Seq No. | Metadata item | Obligation | Max occurs |
| 1 | [Address—geocode feature, text X[X(29)]](https://meteor.aihw.gov.au/content/430313) | Optional | 1 |
| 2 | [Address—geocode containment indicator, yes/no code N](https://meteor.aihw.gov.au/content/430494)***DSS specific information:***The address geocode containment indicator can also be represented as follows:C - The geocode is contained within the address siteN - The geocode is not contained within the address site | Optional | 1 |
| 3 | [Address—geocode geographic datum, text X[X(9)]](https://meteor.aihw.gov.au/content/430325) | Optional | 1 |
| 4 | [Address—geocode positional uncertainty, total metres N[NNN].NNN](https://meteor.aihw.gov.au/content/430490) | Optional | 1 |
| 5 | [Address—geocode vertical datum, text X[X(9)]](https://meteor.aihw.gov.au/content/430339) | Optional | 1 |
| 6 | [Address—geocode latitude, decimal degrees XN[N][.N(9)]](https://meteor.aihw.gov.au/content/430445) | Optional | 1 |
| 7 | [Address—geocode longitude, decimal degrees XN[NN][.N(9)]](https://meteor.aihw.gov.au/content/430469) | Optional | 1 |
| 8 | [Address—geocode height, total metres N[NNNN].NNN](https://meteor.aihw.gov.au/content/430483) | Optional | 1 |

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