Longitude decimal degrees XN[NN][.N(9)]

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# Longitude decimal degrees XN[NN][.N(9)]

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| Identifying and definitional attributes |
| Metadata item type: | Value Domain |
| METEOR identifier: | 430400 |
| Registration status: | [Aged Care](https://meteor.aihw.gov.au/RegistrationAuthority/19), Standard 30/06/2023[Community Services (retired)](https://meteor.aihw.gov.au/RegistrationAuthority/1), Standard 06/02/2012[Disability](https://meteor.aihw.gov.au/RegistrationAuthority/16), Standard 13/08/2015[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 05/10/2016[Housing assistance](https://meteor.aihw.gov.au/RegistrationAuthority/11), Standard 01/05/2013 |
| Definition: | A numeric measurement of longitude in decimal degrees. |

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| Representational attributes |
| Representation class: | Identifier |
| Data type: | Geospatial |
| Format: | XN[NN][.N(9)] |
| Maximum character length: | 13 |
| Unit of measure: | Decimal degree |
| Unit of measure precision: | 0 |

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| Collection and usage attributes |
| Guide for use: | The 'X' in the longitude format symbolises the designator symbol “+” or “-” and should be placed prior to the first number.The designator symbol for longitudes east of Greenwich are positive and shall be designated by use of the plus sign (+), while longitudes west of Greenwich are negative and shall be designated by use of the minus sign (-). The Prime Meridian shall be designated by use of the plus sign (+). The 180th meridian shall be designated by use of the minus sign (-).The format XN[NN][.N(9)] allows for 1, 2 and 3 digit longitudes (ie. degrees) with the option of 0 to 9 decimal places (i.e. decimal degrees).Usage examples:* +149.091360569
* +2
* -50.321-
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| Source and reference attributes |
| Submitting organisation: | Australian Institute of Health and Welfare |
| Origin: | Standards Australia/Standards New Zealand 2008. AS/NZS ISO6709:2008—Standard representation of latitude, longitude and altitude for geographic point locations. Sydney/Wellington: Standards Australia/Standards NZ.Standards Australia 2006. AS 4590—2006 Interchange of client information. Sydney: Standards Australia. |

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| Relational attributes  |
| Data elements implementing this value domain: | [Address—geocode longitude, decimal degrees XN[NN][.N(9)]](https://meteor.aihw.gov.au/content/430469)       [Aged Care](https://meteor.aihw.gov.au/RegistrationAuthority/19), Standard 30/06/2023       [Community Services (retired)](https://meteor.aihw.gov.au/RegistrationAuthority/1), Standard 06/02/2012       [Disability](https://meteor.aihw.gov.au/RegistrationAuthority/16), Standard 13/08/2015       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 05/10/2016       [Housing assistance](https://meteor.aihw.gov.au/RegistrationAuthority/11), Standard 01/05/2013 |