

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

Identifying and definitional attributes

Metadata item type:	Value Domain
METEOR identifier:	430400
Registration status:	<ul style="list-style-type: none">• Aged Care, Standard 30/06/2023• Community Services (retired), Standard 06/02/2012• Disability, Standard 13/08/2015• Health, Standard 05/10/2016• Housing assistance, Standard 01/05/2013

Definition: A numeric measurement of longitude in decimal degrees.

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

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-

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.

Relational attributes

**Data elements
implementing this value
domain:**

[Address—geocode longitude, decimal degrees XN\[NN\]\[.N\(9\)\]](#)

- [Aged Care](#), Standard 30/06/2023
- [Community Services \(retired\)](#), Standard 06/02/2012
- [Disability](#), Standard 13/08/2015
- [Health](#), Standard 05/10/2016
- [Housing assistance](#), Standard 01/05/2013

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