Metadata for Digital Boundary Files - Indigenous Structure

Australian Statistical Geography Standard (ASGS) Volume 2 - Indigenous Structure (cat no. 1270.0.55.002)

Data Currency: July 2011

Presentation Format: Digital boundaries

Custodian

Custodian: Australian Bureau of Statistics

Description

Abstract:

The Australian Statistical Geography Standard (ASGS) is a hierarchical classification system of geographical regions and consists of a number of interrelated structures. The ASGS brings all the regions for which the Australian Bureau of Statistics (ABS) publishes statistics within the one framework and will be used by the ABS for the collection and dissemination of geographically classified statistics from the 1 July 2011. It provides a common framework of statistical geography and enables the production of statistics which are comparable and can be spatially integrated.

This product, **Australian Statistical Geography Standard (ASGS) Volume 2 - Indigenous Structure** (cat no. 1270.0.55.002), is the second in a series of Volumes that detail the various structures and regions of the ASGS. Its purpose is to outline the conceptual basis for the design of the Indigenous Structure. This product contains several elements including the manual, region names and codes and the digital boundaries.

The digital boundaries for Volume 2 of the ASGS represent the Indigenous Structure, comprising;
- Indigenous Locations (ILOC)
- Indigenous Areas (IARE)
- Indigenous Regions (IREG)

File nomenclature:

File names have the format <file type>_<2011>_<AUST> where:

<file type> represents the type of boundaries in each file

ILOC = Indigenous Location

IARE = Indigenous Area

IREG = Indigenous Region

<2011> represents 2011 the year of the Australian Statistical Geography Standard (ASGS) Edition

<AUST> indicates the data covers all of Australia as defined in the ASGS Volume 1.

Within the files, the States and Territories are identified by unique one digit codes, as listed below:

State and Territory Codes and Names

Code	S/T
1	New South Wales
2	Victoria
3	Queensland
4	South Australia
5	Western Australia
6	Tasmania
7	Northern Territory
8	Australian Capital Territory
9	Other Territories

File attributes:

All tables show file type, file name, spatial unit field and the data type.

File type: Indigenous Location (ILOC)

File Name (s): ILOC_2011_AUST

Count	Field (mid/mif)	Field (ESRI shp)	Data Type
1	ILOC_CODE_2011	ILOC_CODE	Character(12)
2	ILOC_NAME_2011	ILOC_NAME	Character(40)
3	STATE_CODE_2011	STATE_CODE	Character(1)
4	STATE_NAME_2011	STATE_NAME	Character(30)
5	AREA_ALBERS_SQKM	AREA_SQKM	Float

File type: Indigenous Area (IARE)

File Name (s): IARE_2011_AUST

Count	Field (mid/mif)	Field (ESRI shp)	Data Type
1	IARE_CODE_2011	IARE_CODE	Character(10)
2	IARE_NAME_2011	IARE_NAME	Character(40)
5	STATE_CODE_2011	STATE_CODE	Character(1)
6	STATE_NAME_2011	STATE_NAME	Character(30)
7	AREA_ALBERS_SQKM	AREA_SQKM	Float

File type: Indigenous Region (IREG)

File Name (s): IREG_2011_AUST

Count	Field (mid/mif)	Field (ESRI shp)	Data Type
1	IREG_CODE_2011	IREG_CODE	Character(7)
2	IREG_NAME_2011	IREG_NAME	Character(40)
3	STATE_CODE_2011	STATE_CODE	Character(1)
4	STATE_NAME_2011	STATE_NAME	Character(30)
5	AREA_ALBERS_SQKM	AREA_SQKM	Float

Data currency

Date of Effect: July 2011

Dataset status

Progress: Completed dataset

Maintenance and Update Frequency: The ABS will release an updated Indigenous Structure in future Census years.

Access

Stored data format:

The digital boundary files are in MapInfo Interchange Format (.MID .MIF) and ESRI Shapefile (.shp) format.

MapInfo Interchange Format can be imported directly into MapInfo and other common Geographic Information Systems (GIS) or desktop mapping packages. The .MID .MIF files are text format and can be edited and manipulated for import to less common GIS and CAD systems.

The .MID .MIF files cannot be used directly with viewing tools such as MapInfo ProViewer.

Access constraints:
Copyright Commonwealth of Australia administered by the ABS.

Datum:
Geocentric Datum of Australia 1994 (GDA94)

The digital boundary files have the datum specified as 116 (GDA94). Users of MapInfo 6.0 or later are able to load data sets based on GDA94 directly, without transformation. Earlier versions of MapInfo cannot interpret GDA94 correctly and there may be alignment problems between data sets based on this datum and other earlier datums.

Projection:
Geographical (i.e. Latitudes and Longitudes)

Geographic extent:
Geographic Australia.

Data quality

Lineage:
Mesh Blocks (MB) are the building blocks of the ASGS regions. MB boundaries were created using various sources including the PSMA digital topographic datasets and ABS SLA boundaries, zoning information from state planning agencies and imagery.

Positional accuracy:
Positional accuracy is an assessment of the closeness of the location of the spatial objects in relation to their true positions on the earth's surface.

The positional accuracy includes:
- a horizontal accuracy assessment
- a vertical accuracy assessment

Positional accuracy for ABS boundaries is dependent on the accuracy of the features they have been aligned to. ABS boundaries are aligned to a number of layers supplied by PSMA with an accuracy of +/-50 mm.

PSMA layers and their positional accuracy are as follows:
- Transport and Topography
  +/- 2 metres in urban areas and +/- 10 metres in rural and remote areas
- CadLite
  +/- 2 metres in urban areas and +/- 10 metres in rural and remote areas
- Administrative Boundaries
  Derived from the cadastre data from each Australian State and Territory jurisdiction

- Greenspace and Hydrology
  Relative spatial accuracy of these themes reflects that of the jurisdictional source data.
  The accuracy is +/- 2 metres in urban areas and +/- 10 metres in rural and remote areas.

Attribute accuracy:
All codes and labels for the ASGS 2011 Indigenous Structure are fully validated.

Logical consistency:
Spatial units are closed polygons. Attribute records without spatial objects have been included in the data for administrative purposes.

Completeness:
All levels of the 2011 ASGS Indigenous Structure are represented.

Contact information

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Contact: ABS Geography

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