

About My Region boundaries, 2016

GIS shapefile metadata

Research by the Australian Bureau of Agricultural and Resource Economics and Sciences

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Publication details

Title:

About My Region boundaries, 2016

Alternative Title:

AMR_2016

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2017-08-17



Abstract:

The About My Region boundaries dataset is maintained to provide regional location and extents to support the 'About my region' profiles. These profiles are used to report on agriculture, fisheries and forestry sectors.

The regions are based on the Australian Bureau of Statistics Statistical Area Level 4 (SA4) regions and Greater Capital City Statistical Areas (GCCSA).

Dataset

The dataset comprises 51 regions and the attributes are described in Table 1.

Descriptive information

Authors:

Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES)

Acknowledgements:

This dataset was compiled by Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES) within the Australian Government Department of Agriculture, Water and the Environment using data from the Australian Bureau of Statistics

Constraints

LEGAL CONSTRAINTS ASSOCIATED WITH THE MATERIAL

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Additional information about this material

Purpose for which the material was obtained:

This dataset provides the boundaries for the About My Regions profiles, as constructed in 2017. It is used by ABARES to compile data on regional agriculture production, employment and land use. The boundaries are based on the Australian Bureau of Statistics Statistical Area Level 4 regions and Greater Capital Cities Statistical Areas of the July 2016 edition of the Australian Statistical Geography Standard.

Progress status of this material:

Completed

Maintenance and Update Frequency:

Five yearly on release of data using the latest Australian Statistical Geography Standard

KEYWORD(S)

ANZLIC Search Words:

HUMAN ENVIRONMENT

LAND

General Keywords:

Mapping

TOPICS

ABARES Topic categories:

Agriculture

Land Use

Environment and Natural Resource Management

Models, Risk, Spatial Data and Datasets

ISO topic categories:

Farming

SPATIAL EXTENT(S)

Extent

Description of spatial extent:

Australian Land

Spatial bounding box included in:

North: -9.142176; South: -43.740510; East: 96.816941; West: 167.998035.

Spatial area included in:

Australian Mainland. Australia excluding external territories.

Projection:

EPSG: 4283

Coordinate reference details in Well-Known Text:

PROJCS["GDA94 / Geographic",

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GEOGCS["GDA94",  
  DATUM["D_GDA_1994",  
    SPHEROID["GRS_1980",6378137,298.257222101]],  
  PRIMEM["Greenwich",0],  
  UNIT["Degree"]],
```

DATA PACKAGE CONTENTS

Table 1: Attribute table

AMR	AMR_code	Area	State
Australian Capital Territory	801	235,817.32	8
Ballarat	201	1,028,747.72	2
Barossa - Yorke - Mid North	405	3,771,635.10	4
Bendigo	202	1,184,190.73	2
Bunbury	501	2,480,241.23	5
Cairns	306	2,133,796.93	3
Capital Region	101	5,189,556.61	1
Central Queensland	308	11,758,800.45	3
Central West	103	7,029,705.99	1
Coffs Harbour - Grafton	104	1,322,975.91	1
Darling Downs - Maranoa	307	16,634,005.68	3
Darwin	701	316,390.48	7
Far West and Orana	105	33,936,368.99	1
Geelong	203	442,869.98	2
Gold Coast	309	185,788.59	3
Greater Adelaide	400	325,983.50	4
Greater Brisbane	300	1,584,195.81	3
Greater Melbourne	200	999,252.05	2
Greater Perth	500	641,621.73	5
Greater Sydney	100	1,236,819.25	1
Hobart	601	169,535.92	6
Hume	204	3,400,553.62	2
Hunter Valley exc Newcastle	106	2,149,129.00	1
Illawarra	107	153,891.91	1
Latrobe - Gippsland	205	4,155,375.36	2
Launceston and North East	602	1,997,533.93	6
Mackay - Isaac - Whitsunday	312	9,014,010.42	3
Mid North Coast	108	1,885,149.87	1
Murray	109	9,779,767.62	1
New England and North West	110	9,914,591.88	1
Newcastle and Lake Macquarie	111	87,061.32	1
North West	215	7,807,273.54	2
Northern Territory - Outback	702	134,493,042.14	7
Other Territories	901	25,631.63	9
Queensland - Outback	315	118,318,272.13	3
Richmond - Tweed	112	1,027,114.09	1
Riverina	113	5,698,502.20	1
Shepparton	216	1,093,410.35	2
South Australia - Outback	406	87,781,598.15	4
South Australia - South East	407	6,548,273.83	4
South East	603	2,382,201.82	6
Southern Highlands and Shoalhaven	114	670,444.04	1
Sunshine Coast	316	308,591.03	3
Toowoomba	317	225,879.49	3
Townsville	318	8,003,609.52	3
Warrnambool and South West	217	2,637,890.83	2

West and North West	604	2,252,478.98	6
Western Australia - Outback (North)	510	92,604,966.11	5
Western Australia - Outback (South)	511	137,203,257.02	5
Western Australia - Wheat Belt	509	19,734,537.38	5
Wide Bay	319	4,850,257.70	3

DATA DICTIONARY

Table 2: Attributes of the AMR region datasets (shapefile)

Field name	Field description	Code values
AMR	About My Region name	Text, width 50
AMR_code	AMR Code	Integer, width 4
Area_ha	Area in hectares.	Double
State	State and Territory code: 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	Integer, width 4

Note:

RESPONSIBILITY FOR THIS MATERIAL

Custodian

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Department of Agriculture, Water and the Environment:

PROCESS USED TO GENERATE THIS MATERIAL

Lineage Statement

Lineage:

ABARES has produced this shapefile from vector data obtained from the Australian Bureau of Statistics (2016). Two following layers were combined in ArcGIS 10.6 using the Union tool:

- Statistical Area Level 4 (SA4) and
- Greater Capital City Statistical Areas (GCCSA) where GCC_NAME16 = 'Greater Sydney', 'Greater Melbourne', 'Greater Brisbane', 'Greater Adelaide', 'Greater Perth', 'Greater Hobart', 'Greater Darwin' or 'Australian Capital Territory'.

The SA4 regions within the GCCSA were dissolved to produce the final dataset and the AMR_code attributed for the Greater Capital Cities as follows.

AMR_code	AMR
801	Australian Capital Territory
701	Darwin
400	Greater Adelaide
300	Greater Brisbane
200	Greater Melbourne
500	Greater Perth
100	Greater Sydney
601	Hobart

Positional Accuracy:

According to the Australian Bureau of Statistics (ABS) metadata the positional accuracy for the 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 the Public Sector Mapping Agency (PSMA/Geoscape) 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
- 90% of well-defined features are within 1mm (at plot scale) of their true position, eg 1:500 equates to +/- 0.5 metre and 1:25,000 equates to +/- 25 metres. 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. No "shift" of data as a means of "cartographic enhancement" to facilitate presentation has been employed for any real world feature.

Attribute Accuracy:

The AMR code is based on the field SA4_CODE16 in rural areas. In GCCSA areas, the codes are attributed as follows:

AMR_code	AMR
801	Australian Capital Territory
701	Darwin
400	Greater Adelaide
300	Greater Brisbane
200	Greater Melbourne
500	Greater Perth

100 Greater Sydney
601 Hobart

Logical Consistency:

All input polygon datasets were checked for topological consistency.

Completeness:

Complete.

Information about the product description

Parties responsible for description

Description custodian

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Additional Metadata

References

Australian Bureau of Statistics 2016, [1270.0.55.001 - Australian Statistical Geography Standard \(ASGS\): Volume 1 - Main Structure and Greater Capital City Statistical Areas, July 2016](#), Australian Bureau of Statistics, Canberra.