



Administrative Boundaries

Data Product Description

November 2019

Standard

This document is based on the AS/NZS ISO 19131:2008 Geographic information – Data product specifications standard. For more information, refer to www.saiglobal.com/online.

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1. Overview

1.1 Data product specification title

Administrative Boundaries Product Description

1.2 Reference date

November 2019

1.3 Informal description of the data product

The Administrative Boundaries dataset is comprised of eight themes:

- Australian Bureau of Statistics (ABS) Boundaries 2011
- Australian Bureau of Statistics (ABS) Boundaries 2016
- Electoral Boundaries
- Local Government Areas (LGA)
- Suburbs/Localities
- Wards
- State Boundaries
- Town Points

The ABS Boundaries 2011 theme includes eight layers:

- Urban Centre and Localities / Section of State
- ABS Mesh Blocks (MB) 2011
- Significant Urban Areas (SUA)
- Indigenous Localities (ILOD)
- Indigenous Areas (IARE)
- Indigenous Regions (IREG)
- Remoteness Areas (RA)
- Socio-Economic Indexes for Areas (SEIFA)

The ABS Boundaries 2016 theme includes five layers:

- 2016 ABS Mesh Blocks and Statistical Areas
- 2016 ABS Indigenous Regions, Areas and Locations
- 2016 Urban Centre and Localities / Section of State / Significant Urban Areas
- 2016 Remoteness Areas (RA)
- 2016 Socio-Economic Indexes for Areas (SEIFA)

The Electoral Boundaries theme comprises two layers:

- Commonwealth Electoral Boundaries (CEB)
- State/Territory Electoral Boundaries (SEB)

The ABS boundaries data themes are sourced from the Australian Bureau of Statistics (ABS) and is part of their Australian Statistical Geography Standard (ASGS) boundaries. The ASGS brings all the regions for which the ABS publishes statistics within the one framework and is used by the ABS for the collection and dissemination of geographically classified statistics since 1 July 2011. The ABS release a new version of their boundaries for each census and each version is now included in PSMA's Administrative Boundaries as a theme. The Mesh Blocks released are used in building all ABS boundaries. SEIFA is not a boundary dataset, but provides socio-economic indexes for the ABS statistical areas.

The other dataset themes are based on government data provided quarterly by the appropriate authorities. The Commonwealth and State/Territory Governments collect data to delineate the areas covered by each tier of government within Australia. They also provide data for the urban and non-urban areas within their jurisdictions.

The Administrative Boundaries dataset is used as a basis for other datasets provided by PSMA Australia.

1.4 Responsible party

PSMA Australia Limited (PSMA)

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URL: <http://www.psm.com.au> | ABN: 23 089 912 710

1.5 Language

English

1.6 Topic category

Boundaries for statistical, government, town and locality areas within Australia.

1.7 Distribution format

PDF

1.8 Glossary

PSMA maintains a glossary of common terms with their definitions and also includes acronyms and abbreviations that are commonly used in relation to PSMA products and services. The glossary is available at the PSMA website at <https://www.psm.com.au/glossary-and-terms>

1.9 Copyright in Administrative Boundaries dataset

Please see www.psm.com.au/psma-data-copyright-and-disclaimer for the Copyright and Disclaimer Notice for the Administrative Boundaries dataset.

1.10 Privacy

PSMA products and services should not contain any personal names or other personal information. PSMA undertakes reasonable data cleansing steps as part of its production processes to ensure

that is the case. If you think that personal information may have inadvertently been included in PSMA products or services, please contact support@psma.com.au

2. Specification Scope

This dataset is divided into eight themes. Three of these themes are divided into layers. Each theme and layer [within the theme] has a defined extent and scope.

The Feature Based Content, Reference Systems, Data Quality, Data Capture and Data Maintenance also have defined scopes regarding the data accuracy, geometry, metadata and temporal considerations of the data release cycle.

2.1 Scope identification – dataset

Administrative Boundaries Dataset

Level

Dataset

Level name

Administrative Boundaries

Extent

Spatial coverage of Australia's land mass including External Territories.

2.2 Scope identification – themes

Administrative Boundaries Themes

Level

Theme

Level names

- Australian Bureau of Statistics (ABS) Boundaries 2011
- Australian Bureau of Statistics (ABS) Boundaries 2016
- Electoral Boundaries
- Local Government Areas (LGA)
- Wards
- Suburbs/Localities
- State Boundaries
- Town Points

Extent

Spatial coverage of Australia's statistical, political, urban and regional areas. The ABS boundaries are based on each census which occurs every five years.

All other boundaries are based on continual updating of boundary modifications. The Localities and LGA themes are the most dynamic. Jurisdictions update their data continually and PSMA receives the updates quarterly.

Level description

Individual Spatial Datasets supplied by jurisdictions aggregated into the Administrative Boundaries Dataset.

2.3 Scope identification – layers

The Layers within the Administrative Boundaries Themes.

Level

Dataset layers within three of the themes.

Level name

Layers

Extent

Spatial coverage of Australia's statistical, political, urban and regional subset areas.

The ABS Boundaries 2011 Theme has eight layers [UCL/SOS, SUA, RA, SEIFA, MB/SA and ILOC, IARE and IREG].

The ABS Boundaries 2016 Theme has three layers [MB/SA, ILOC/IARE/IREG and UCL/SOS/SUA].

The Electoral Boundaries Theme has two layers [CEB, SEB].

Level description

Three of the Administrative Boundaries Themes contain layers of datasets.

3. Data Product Identification

3.1 Title

Administrative Boundaries

3.2 Alternate titles

Administrative Boundaries for Australia

Admin Boundaries

3.3 Abstract

The Administrative Boundaries for Australia (an ISO 19131 compliant description) provides an optimised quality geometric description and a set of basic attributes of the Australian administrative boundaries. The Administrative Boundaries product is created from multiple data sources including jurisdiction Administrative Boundaries data which is revised regularly and supplied in varying formats and at different levels of quality.

3.4 Purpose

Administrative Boundaries data serves as a foundation for several other datasets provided by PSMA as well as being a valuable dataset in its own right. The common geometric base allows users to apply the spatial data to the full extent of coverage. This common infrastructure facilitates data integration with supplementary data supplied in the future.

3.5 Topic category

Polygons and points defined by coordinate spatial data (latitude and longitude) with associated textual metadata.

3.6 Spatial resolution

The spatial resolution varies from Mesh Blocks (based on population density) that could be as small as several hundred square metres to whole states.

3.7 Geographic description

The Administrative Boundaries dataset covers the addresses within the complete national geography of Australia (AUS). The Bounding Box for this data is as follows;

North bounding latitude: -8°

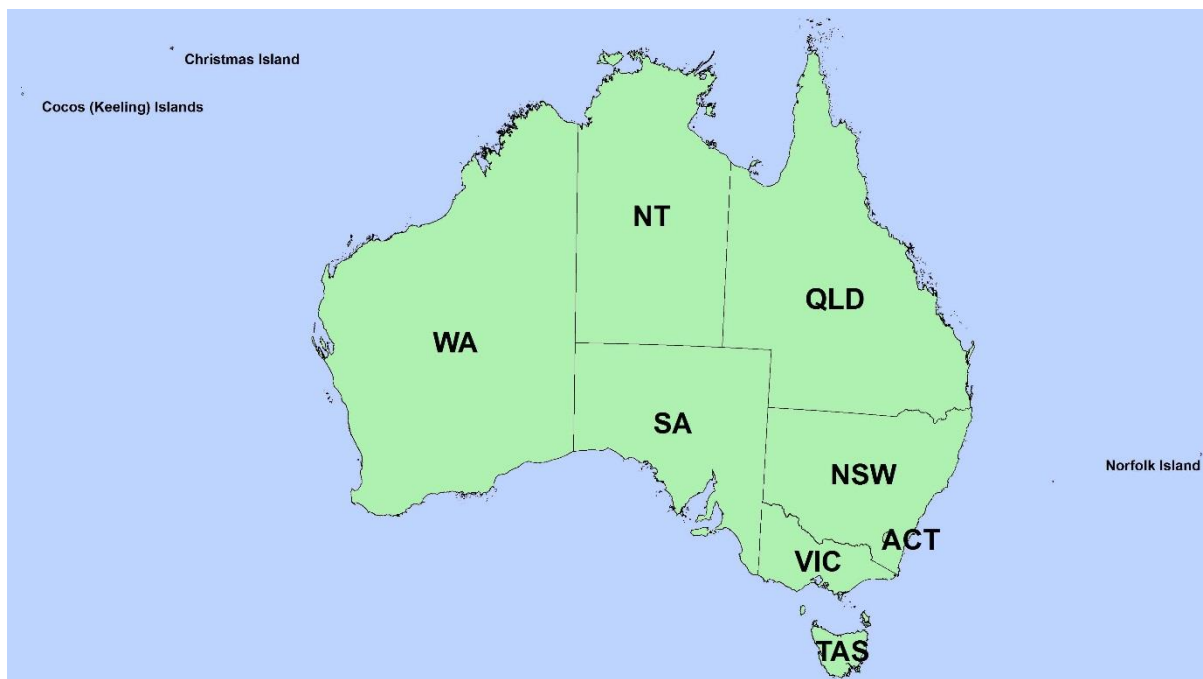
South bounding latitude: -45°

East bounding longitude: 168°

West bounding longitude: 96°

This area covers the land masses of Australia, including External Territories and offshore islands (Christmas Island, Cocos [Keeling] Islands, and Norfolk Island).

The spatial domain is described by the polygon:



Geographic extent name

AUSTRALIA INCLUDING EXTERNAL TERRITORIES – AUS – Australia – Australia

The States and Territories within Australia are represented by the following:

State or Territory Name	Abbreviation	Character Code
New South Wales	NSW	1 [or 01]
Victoria	VIC	2 [or 02]
Queensland	QLD	3 [or 03]
South Australia	SA	4 [or 04]
Western Australia	WA	5 [or 05]
Tasmania	TAS	6 [or 06]
Northern Territory	NT	7 [or 07]
Australian Capital Territory	ACT	8 [or 08]
Other Territories	OT	9 [or 09]

Note: PSMA has aligned Other Territories (OT) with the Australian Bureau of Statistics (ABS). It includes the Territory of Christmas Island, Territory of Cocos [Keeling] Islands, Jervis Bay Territory and more recently the inclusion of Norfolk Island. OT does not include any other external Territory.

4. Data Content and Structure

Administrative Boundaries is a feature-based product. A data model is included [Appendix A] with an associated data dictionary [Appendix B].

4.1 Feature-based data

The feature type is primarily spatial polygon for the various administrative boundaries, with some layers with points features. The table below outlines the features and their integration into the datasets.

WARNING: WA Government Health Warning

Wittenoom Township, Western Australia located within the Localities. The former town site of Wittenoom is heavily contaminated with blue asbestos and travelling to Wittenoom presents an unacceptable public health risk. Travellers are urged to avoid the area. Even brief exposure to the fibres can result in mesothelioma or lung cancer. Further information on Wittenoom is at <http://www.lands.wa.gov.au/Wittenoom>.

Entity	Description	Integration	Rules
Urban Centre Localities (UCL)	The UCL entity captures UCLs used by the Australian Bureau of Statistics.	A UCL is a group of SA1s.	No special rules
Section of State (SOS)	The SOS entity captures SOSs used by the Australian Bureau of Statistics.	A SOS is a group of SA1s.	No special rules
Section of State Range (SOSR)	The SOSR entity captures SOSRs used by the Australian Bureau of Statistics.	A SOSR is a group of SA1s.	No special rules
Significant Urban Area (SUA)	The SUA entity captures SUAs used by the Australian Bureau of Statistics.	A SUA is a group of SA2s.	No special rules
Remoteness Area (RA)	The RA entity captures RAs used by the Australian Bureau of Statistics.		No special rules
Socio-Economic Indexes for Areas (SEIFA)	The SEIFA entity captures SEIFA information used by the Australian Bureau of Statistics to link with SA1s.	SEIFA information is linked to a SA1 persistent identifier	No special rules
ABS Mesh Blocks (MB)	The mesh blocks entity captures mesh blocks currently used by the Australian Bureau of Statistics.	A Mesh Block is the smallest ABS unit and all ABS ASGS boundaries are an aggregation of Mesh Blocks. 0-to-many related G-NAF records.	No special rules

Statistical Area 1 (SA1)	The SA1 entity captures SA1s used by the Australian Bureau of Statistics	A SA1 is a group of Mesh Blocks.	No special rules
Statistical Area 2 (SA2)	The SA2 entity captures SA2s used by the Australian Bureau of Statistics.	A SA2 is a group of SA1s.	No special rules
Statistical Area 3 (SA3)	The SA3 entity captures SA3s used by the Australian Bureau of Statistics	A SA3 is a group of SA2s.	No special rules
Statistical Area 4 (SA4)	The SA4 entity captures SA4s used by the Australian Bureau of Statistics	A SA4 is a group of SA3s.	No special rules
Greater Capital City Statistical Area (GCCSA)	The GCCSA entity captures GCCSA used by the Australian Bureau of Statistics	A GCCSA is a group of SA4s.	No special rules
Indigenous Location (ILOC)	The ILOC entity captures ILOCs used by the Australian Bureau of Statistics	An ILOC is a group of SA2s.	No special rules
Indigenous Area (IARE)	The IARE entity captures IAREs used by the Australian Bureau of Statistics	An IARE is a group of ILOCs.	No special rules
Indigenous Region (IREG)	The IREG entity captures IREGs used by the Australian Bureau of Statistics	An IREG is a group of IAREs.	No special rules
Commonwealth Electoral Boundaries	Commonwealth Electoral captures the boundaries for Commonwealth Electorates. It may have many polygons defining its boundary.	No integration to other datasets (except State)	No special rules
State Electoral Boundaries	State Electoral captures the boundaries for State Electorates. It may have many polygons defining its boundary.	No integration to other datasets (except State)	No special rules
Local Government Area (LGAs)	An LGA may have many polygons defining its boundary.	An LGA has: <ul style="list-style-type: none"> 0 to many related Locality records. 0 to many related CAD records. 	No special rules
Ward	A Ward may have many polygons defining its boundary	A Ward has 0 to many related Locality records	No special rule
Localities	The locality entity is one of the primary entities as many other datasets refer to localities. Gazetted localities will have one or many polygons defining their boundary.	A locality has: <ul style="list-style-type: none"> 0 to many related CAD records 0 to many related Street/Locality records 0 to many related Property records 	There should only be 1 active locality centroid for a locality at any given time. 'Alias' type localities will not have any spatial representation.

	A locality may also have many alias names recorded against it.	<ul style="list-style-type: none"> ▪ 0 to many related Postcode records ▪ 0 to many related Railway Station records ▪ 0 to many related Airport Landing Ground records ▪ 0 to many related Greenspace records ▪ 0 to many related POI records ▪ 0 to many related LGA records ▪ 0 to many related G-NAF records 	
State Boundaries	Every dataset references a state.	All other datasets reference a state persistent identifier.	No special rules
Town Point	A point location and associated attributes detailing towns from the 2011 ABS Census	A town point has <ul style="list-style-type: none"> ▪ 0 or 1 related locality polygon 	No special rules

4.2 Feature-based application schema (data model)

The Administrative Boundaries Data Model Diagram is set out in Appendix A.

4.3 Data dictionary

Feature-based feature catalogue

This section provides the feature catalogue in support to the application schema. The tables are provided in Appendix B. Spatial attributes are added to the feature catalogue in the same manner as other attributes for completeness and conformance to the application schema.

Note: All Persistent Identifiers that do not identify spatial geometry in the Integrated Data Model are unique nationally and are preceded by the state abbreviation e.g. LGA_PID = NSW12345678.

All Persistent Identifiers for spatial geometry are only unique within the associated dataset and within the state they reside e.g. LGA_POLYGON_PID = 1234567.

The following table refers to all tables in the Feature Catalogue below.

Column	Abbreviation	Description
Name	Name	The name of the column in the Integrated Database
Data Type	Data type	The Oracle data type of the column. Mapinfo TAB files have similar data types.
Description	Description	A description of the column and what the expected contents are
Primary Key?	Prim Key	If 'Y' then this column must always have a unique value. [has # entry in the data model tables]
Obligation	Man	Y = mandatory. If 'Y' (mandatory), this column must be populated with data. That is, all ACTIVE records must have values in this column.
Foreign Key Table	F K TABLE	Represents a column in the 'Foreign Key Table' that this column is referred to by another table. [has * entry in the data model tables]

Foreign Key Column	F K Col	Represents a table in the Integrated Database that this column is referred to.
10 Character Alias	10 Char Alias	An alias for this column name - up to 10 characters maximum. Used to define the name of the column when in ESRI Shapefile format.

For all tables, the Persistent Identifier [_pid], date_created and date_retired fields are governed by the ICSM Policy and Guidelines for Incremental Update. This can be accessed by following the link below.

www.icsm.gov.au/icsm/harmonised_data_model/model1/incremental_up-date_guidelines.pdf

4.4 Feature-based content scope

All geometry and metadata for polygons and points within the Administrative Boundaries dataset.

5. Reference System

5.1 Spatial reference system

GDA 94 or GDA 2020

5.2 Temporal reference system

Gregorian calendar

5.3 Reference system scope

The spatial objects and temporal collection periods for the Administrative Datasets

6. Data Quality

6.1 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

The horizontal and vertical positional accuracy are the assessed accuracy after all transformations have been carried out.

The relative spatial accuracy of Administrative Boundaries reflects that of the source data. The ABS data has accuracy from +/- 25 metres in Urban Areas to +/- 50 metres in Rural Areas.

***Note:** The accuracy of geometric representation is given by the difference between the position of the geometric representation of an object and its absolute position, as measured with respect to the geodetic network.*

6.2 Coordinates Referencing the GDA 2020 Datum

From the November 2019 publication, spatial features are available referencing the GDA 2020 datum. These coordinates are produced using a coordinate transformation from GDA94 using the following parameters.

```
shift_x = 0.06155,
shift_y = -0.01087,
shift_z = -0.04019,
rotate_x = -0.0394924,
rotate_y = -0.0327221,
rotate_z = -0.0328979,
scale_adjust = -0.009994
```

6.3 Attribute accuracy

Attribute accuracy is an assessment of the reliability of values assigned to features in the dataset in relation to their true 'real world' values.

Key attributes [name and the unique identifier] have a high degree of accuracy in the order of 99.09%. Other attributes derived from the processing of supplied data may have a lower degree of

accuracy but less than previously released data. All attribute accuracies are dependent on the data accuracy supplied to PSMA.

For this product, feature and attribute accuracy is a measure of the degree to which the features and attribute values of spatial objects agree with the information on the source material. The allowable error in attribute accuracy was previously up to 5%.

A precise attribute accuracy assessment may not always be possible. In these cases an intuitive estimate of the expected attribute accuracy or the likely maximum error based on previous experience is acceptable.

6.4 Logical consistency

Logical consistency is a measure of the degree to which data complies with the technical specification. The allowable error in logical consistency previously ranged from 3% to 5%. The test procedures are a mixture of software scripts and onscreen visual checks.

The data structure has been tested for conformance with the data model. The following have been tested and confirmed to conform:

- File names
- Attribute names
- Attribute lengths
- Attribute types
- Attribute domains
- Attribute order in file
- Object type
- Compulsory attributes populated.

6.5 Topological consistency

Topological consistency is the measure of how features spatially relate to other features within and across themes. Topological inconsistencies are identified using a combination of automated rules, and visual analysis. Where topological inconsistencies are identified they are notified back to the supplier organisation for remediation at source. Some minor topological inconsistencies are corrected during product processing using automated rules. The level of topological consistency is dependent on the data supplied to PSMA.

During product processing there is no attempt to enforce topological consistency across state and territory borders. Cross border topological consistency is a complex issue and PSMA continues to engage the governments of Australia to improve the topological consistency of spatial datasets across these borders.

6.6 Completeness

Completeness is an assessment of the extent and range of the dataset with regard to completeness of coverage, completeness of classification and completeness of verification.

Dataset, theme, and layer coverage

National (for the incorporated data – note that the Localities Theme for South Australia have some unincorporated areas). PSMA represents the data as supplied by the contributor

Attribute completeness

All attributes for each object are populated.

Temporal accuracy is applicable to most of the current release.

Quality scope

Polygon and point geometry accuracy and attribute accuracy for all included areas.

7. Data Capture

All spatial data is supplied by the jurisdictions (Commonwealth, States and Territories Governments) through various agencies.

For each theme, the data is supplied by the appropriate agency as described below.

7.1 ABS Boundaries themes

The digital ABS main Structures Boundaries are updated every five years for each national Census. The ABS carries out the update process to these themes using the other PSMA national datasets.

7.2 Electoral Boundaries theme

The digital Electoral Boundaries and their legal identifiers have been supplied by the Electoral Commission from each state and territory as well as the Australian Electoral Commission. These boundaries undergo re-distribution depending on population of the electorate before each election.

7.3 Local Government Areas theme

The digital Local Government Areas and their legal identifiers have been derived from the cadastre data from each Australian state and territory jurisdiction.

7.4 Suburbs/Localities theme

The digital Suburb/Locality boundaries and their legal identifiers have been derived from the cadastre data from each Australian state and territory jurisdiction.

7.5 State Boundaries theme

The digital State boundaries and their legal identifiers have been derived from the cadastre data from each state and territory jurisdiction.

7.6 Town Points theme

The Town Points and their associated attributes are sourced from the ABS. Cadastral parcels sourced from the state and territory jurisdictions are used to assist with Town Point Alignment where appropriate. This theme is not currently maintained.

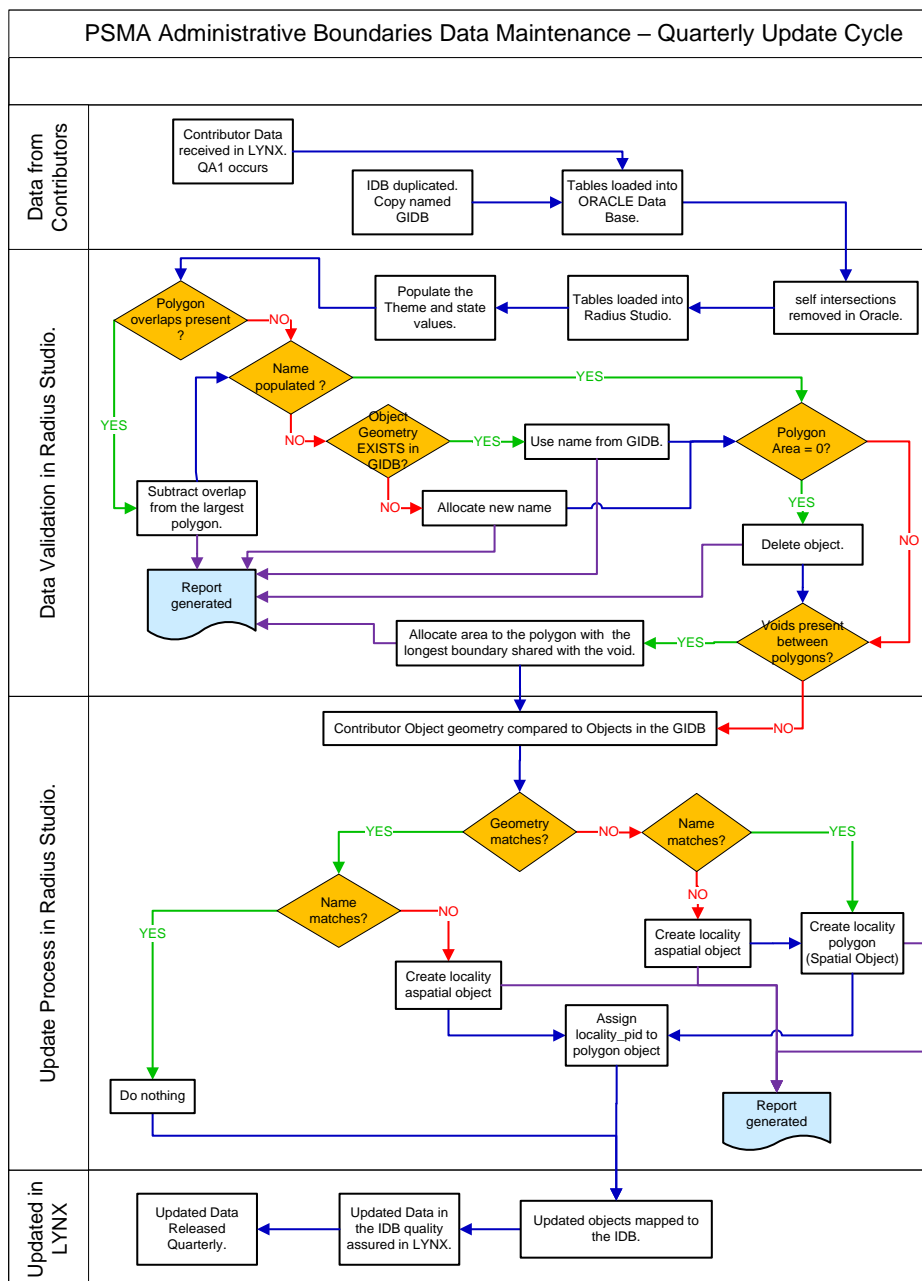
7.7 Data capture scope

Data for changed objects within the current release time period.

8. Data Maintenance

The process map below summarises the maintenance steps followed.

Figure 1: Administrative Boundaries data maintenance - quarterly update cycle



8.1 Update frequency

PSMA releases updates to all datasets every quarter in the months of February, May, August and November. The Administrative Boundaries dataset is updated as deemed necessary by the jurisdictions. Updates are inserted in the Administrative Boundaries Dataset data product when supplied, this can vary widely depending on the layer.

8.2 Maintenance scope

Data for existing objects with changed geometry and/or metadata as well as data for new objects within the release time period are included in the release.

9. Data Product Delivery

9.1 Open Data – Delivery format information

The Australian Government releases Administrative Boundaries on data.gov.au in ESRI Shape and MapInfo TAB formats.

Shape

Format Name:

Shape – ESRI™

Specification:

This format includes files with the following extensions: *.shp, *.shx, *.dbf

ESRI Shapefile Technical Description, an ESRI White Paper, July 1998

Follow this link: www.esri.com/library/whitepapers/pdfs/shapefile.pdf

MapInfo

Format Name:

TAB – MapInfo Professional™

Specification:

The MapInfo TAB format is a popular geospatial vector data format for geographic information systems software. It is developed and regulated by MapInfo as a proprietary format. This format includes files with the following extensions: *.tab, *.dat, *.id, *.map

TAB files support geospatial standards such as Open GIS, the OGC, ISO, W3C and others.

9.2 PSMA Partner Network – Delivery format information

Administrative Boundaries is delivered to PSMA's Partner Network in the following formats:

- MapInfo TAB
- ESRI Shape
- Oracle Dump
- Oracle Data Pump

MapInfo

Format Name:

TAB – MapInfo Professional™

Specification:

The MapInfo TAB format is a popular geospatial vector data format for geographic information systems software. It is developed and regulated by MapInfo as a proprietary format. This format includes files with the following extensions: *.tab, *.dat, *.id, *.map

TAB files support geospatial standards such as Open GIS, the OGC, ISO, W3C and others.

Language:

English

Shape**Format Name:**

Shape – ESRI™

Specification:

This format includes files with the following extensions: *.shp, *.shx, *.dbf

ESRI Shapefile Technical Description, an ESRI White Paper, July 1998

Follow this link: www.esri.com/library/whitepapers/pdfs/shapefile.pdf

Language:

English

Oracle Dump**Format Name:**

Oracle data base files – Oracle™

Specification:

This format includes files with the following extensions: *.dmp

Language:

English

Oracle Data Pump**Format Name:**

Oracle 11g Data Pump Format

Specification:

The Data Pump [dump] file set is made up of one or more files that contain table data, database object metadata, and control information. More information is available from [Oracle](http://www.oracle.com).

Language:

English

9.3 Organisation responsible for delivery

PSMA was formed by the governments of Australia in 1993 to collate, transform and deliver their geospatial data as national datasets. PSMA's establishment reflected the desire of Australian governments to work together to establish a national location information infrastructure to advance the emerging information economy. The organisation's first major initiative was to support the 1996 Census through the provision of Australia's first digital map at a national street-level.

The value of PSMA's datasets is in the richness of the data, which enables a broad range of innovations and applications. To support the use of this data in business-ready formats, PSMA makes our data available to the market through a value-added reseller and integrator network. Our network includes traditional geospatial specialists and data engineers as well as software developers, marketing service providers, systems integrators and consultancies.

From February 2016, the Australian Government will make Administrative Boundaries available through data.gov.au under open data terms.

For further information on accessing PSMA Data, or becoming a value-added reseller contact:

PSMA Australia Limited

Unit 6, 113 Canberra Avenue, Griffith ACT 2603

T: 02 6260 9000

F: 02 6260 9001

E: enquiries@psma.com.au

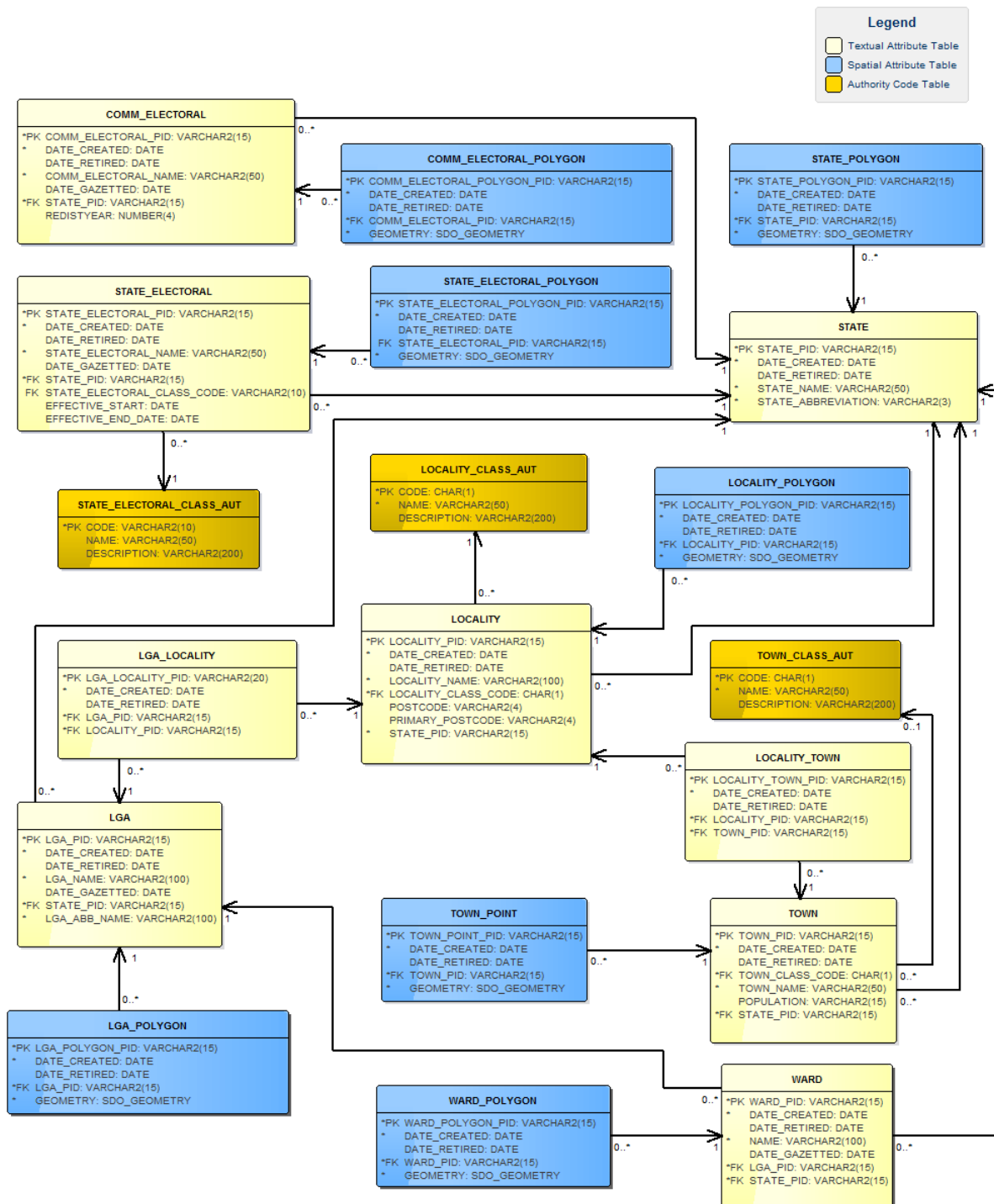
W: www.pdma.com.au

10. PSMA Data

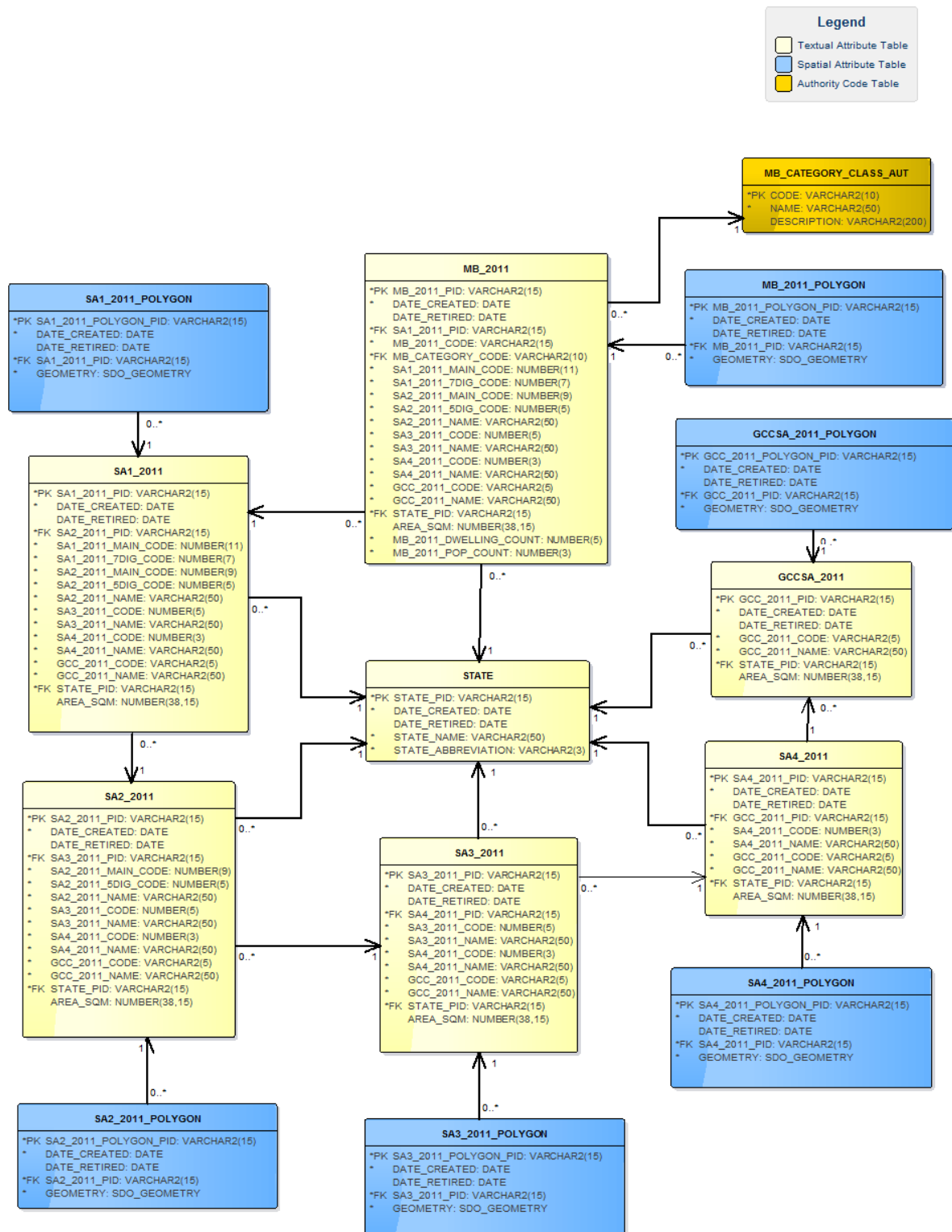
DATASET	ACCESS	THEME	LAYER
Administrative Boundaries	Open Data (www.data.gov.au) PSMA Partner Network	ABS Boundaries 2011	2011 ABS Mesh Blocks
			Indigenous Location (ILOD)
			Indigenous Areas (IARE)
			Indigenous Region (IREG)
			Remoteness Areas (RA)
			Socio-Economic Indexes for Areas (SEIFA)
			Urban Centre Localities /Section of State
			Significant Urban Areas (SUA)
		ABS Boundaries 2016	2016 ABS Mesh Blocks and Statistical Areas
			2016 ABS Indigenous Regions, Areas and Locations
			2016 Urban Centre and Locality - Section of State - Significant Urban Area
			2016 Remoteness Areas (RA)
		Electoral Boundaries	2016 Socio-Economic Indexes for Areas (SEIFA)
			Commonwealth Electoral Boundaries
			State Electoral Boundaries
CadLite	PSMA Partner Network	Cadastral	
		Property	
Geoscape	PSMA Partner Network	Buildings	
		Surface Cover	2 Metres
			30 Metres
		Trees	
G-NAF	Open Data (www.data.gov.au) PSMA Partner Network	Geocoded physical addresses	
Land Tenure	PSMA Partner Network	Land Tenure	
Features of Interest	PSMA Partner Network	Features of Interest	
Postcodes	PSMA Partner Network	Postcode Boundaries	
Transport & Topography	PSMA Partner Network	Transport	Roads
			Rail
			Rail Stations
			Airports
		Hydrology	
			Greenspace

Appendix A – Administrative Boundaries Data Model

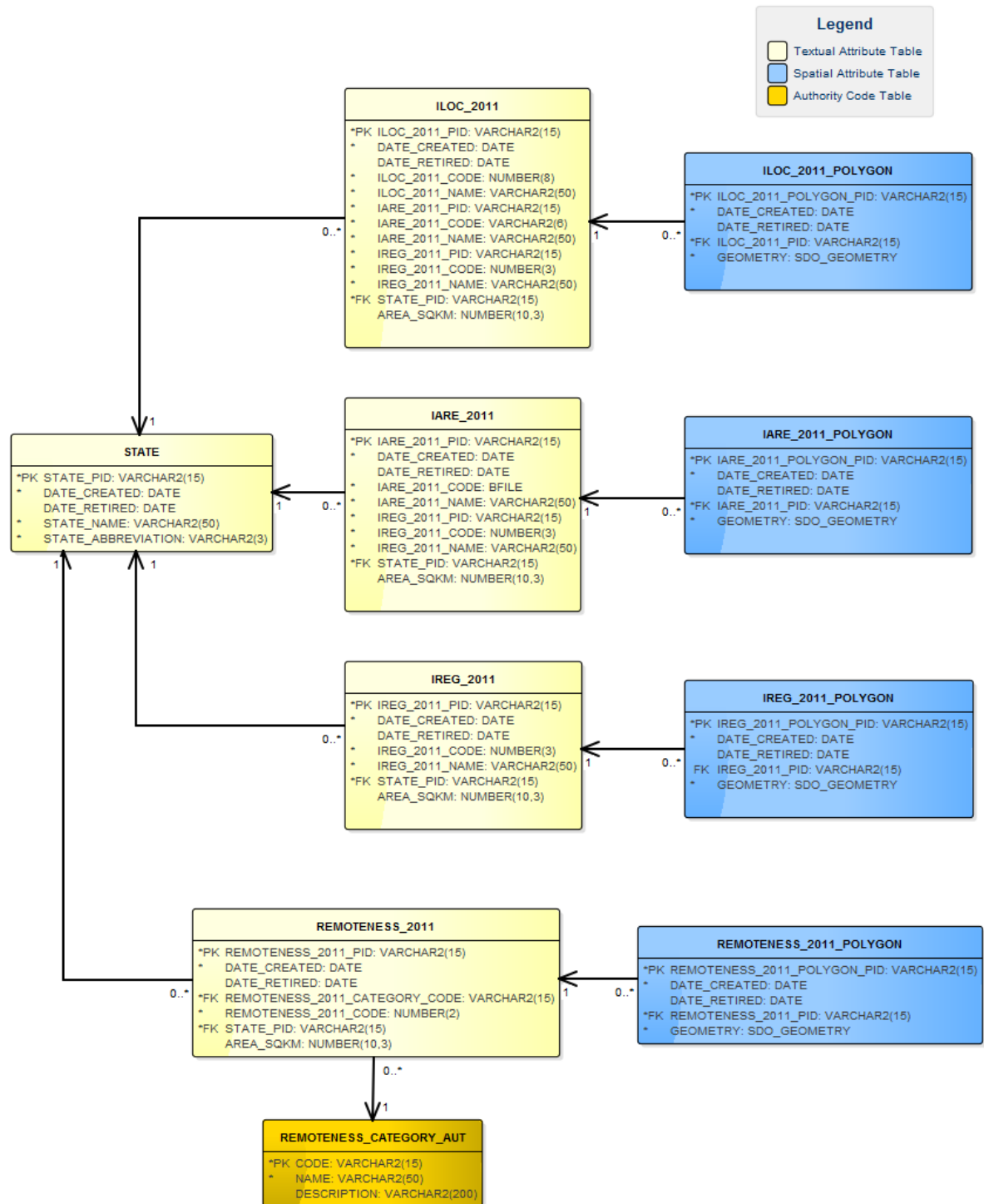
Administrative Boundaries Data Model – Page 1



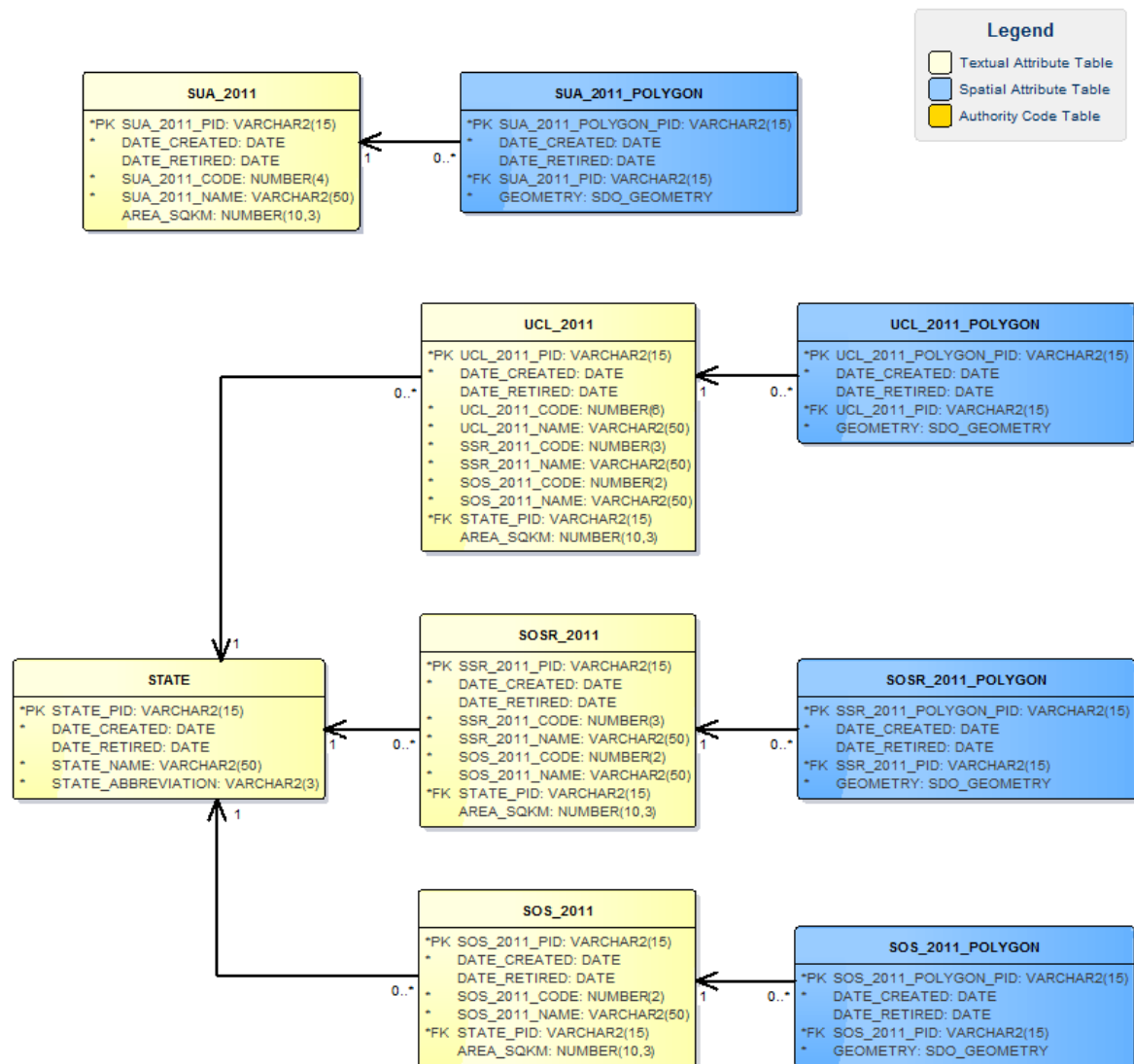
Administrative Boundaries Data Model – Page 2



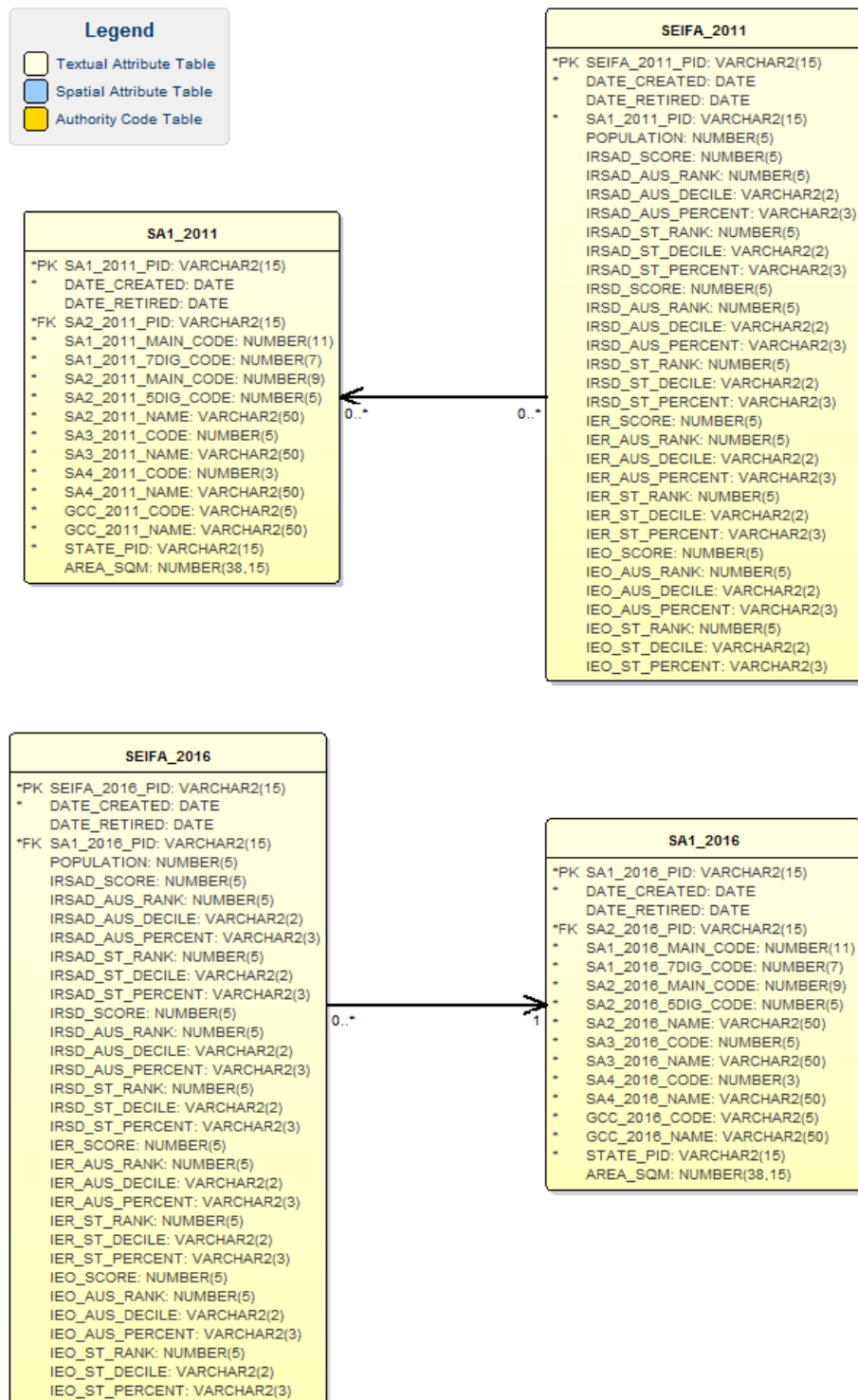
Administrative Boundaries Data Model – Page 3



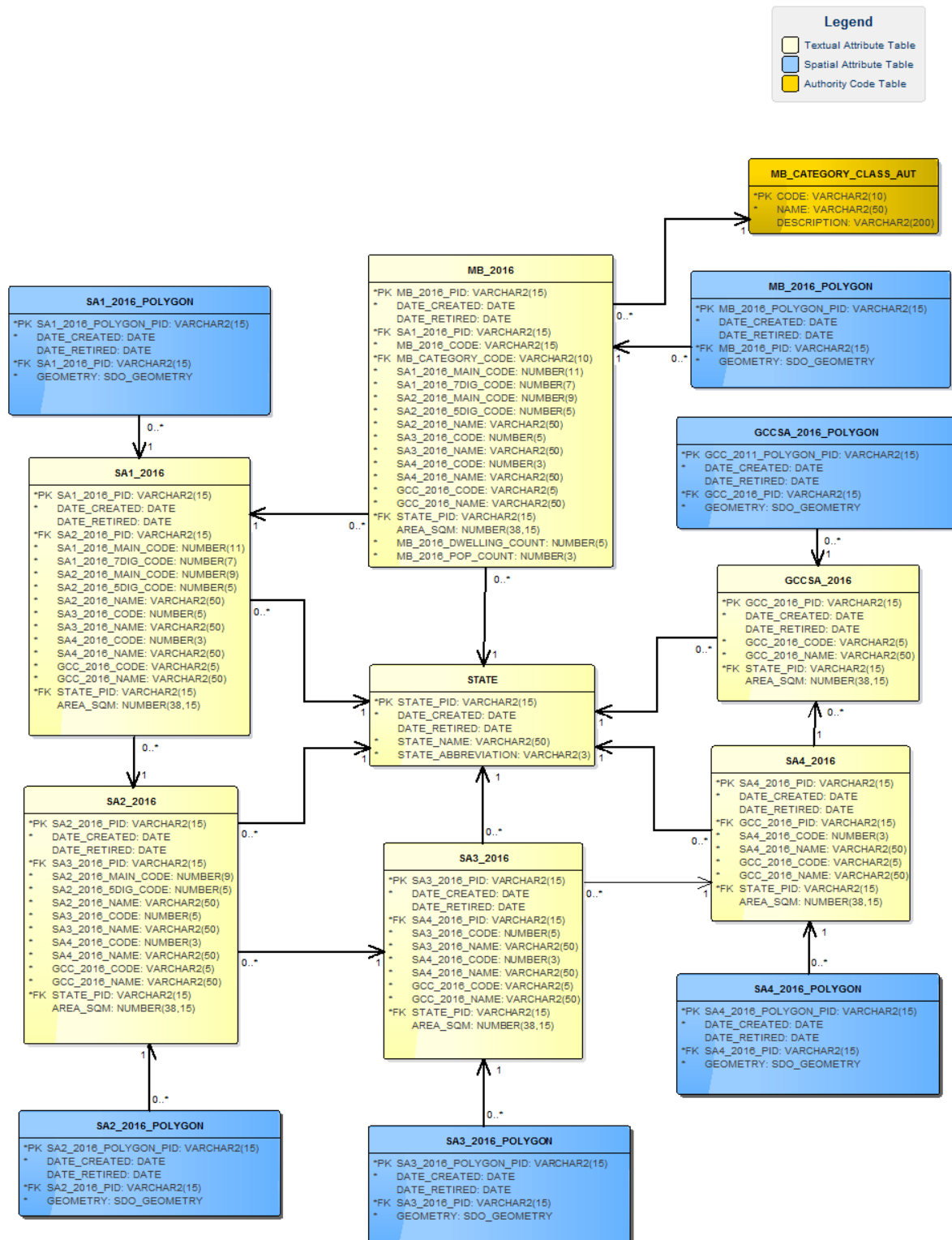
Administrative Boundaries Data Model – Page 4



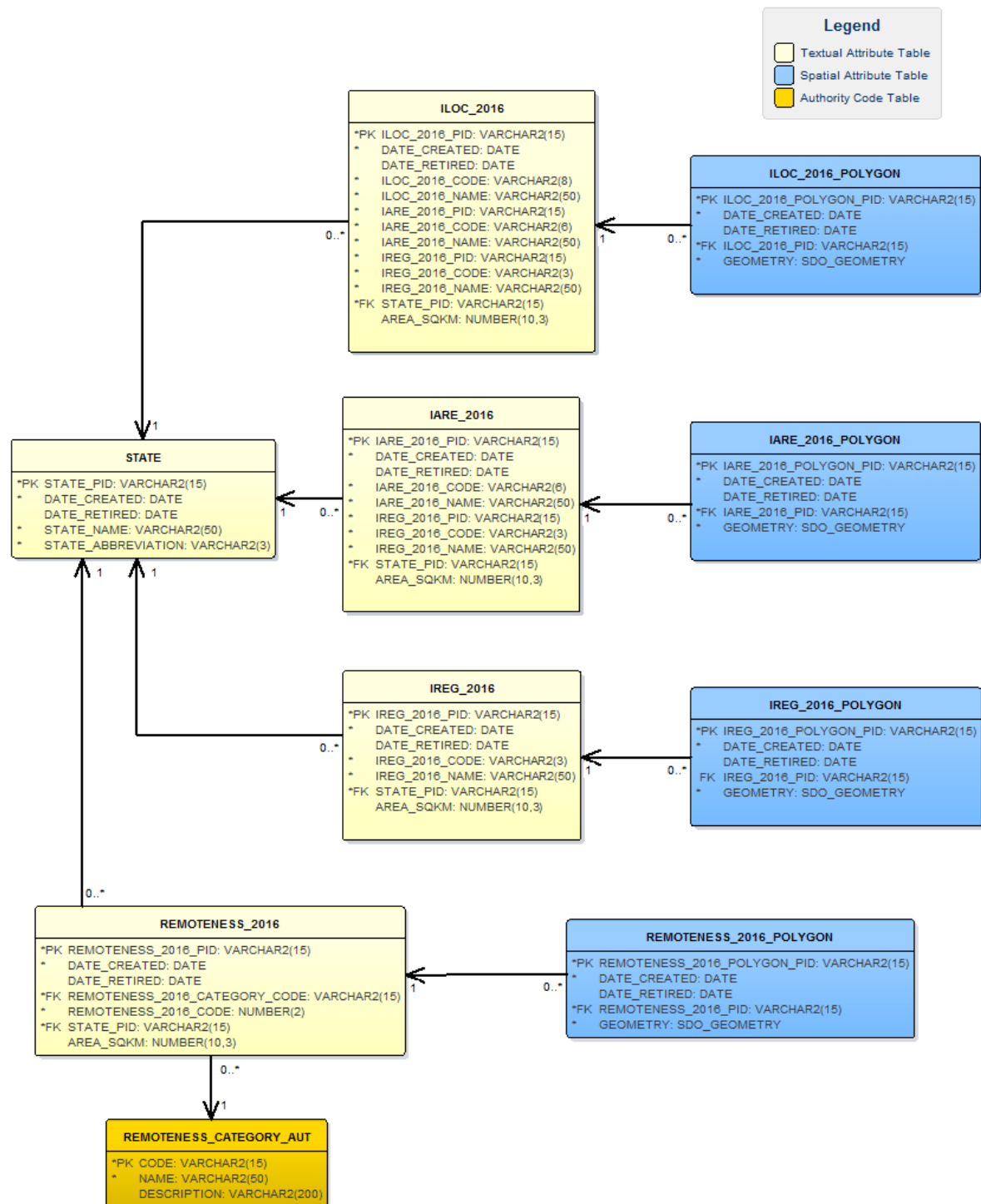
Administrative Boundaries Data Model – Page 5



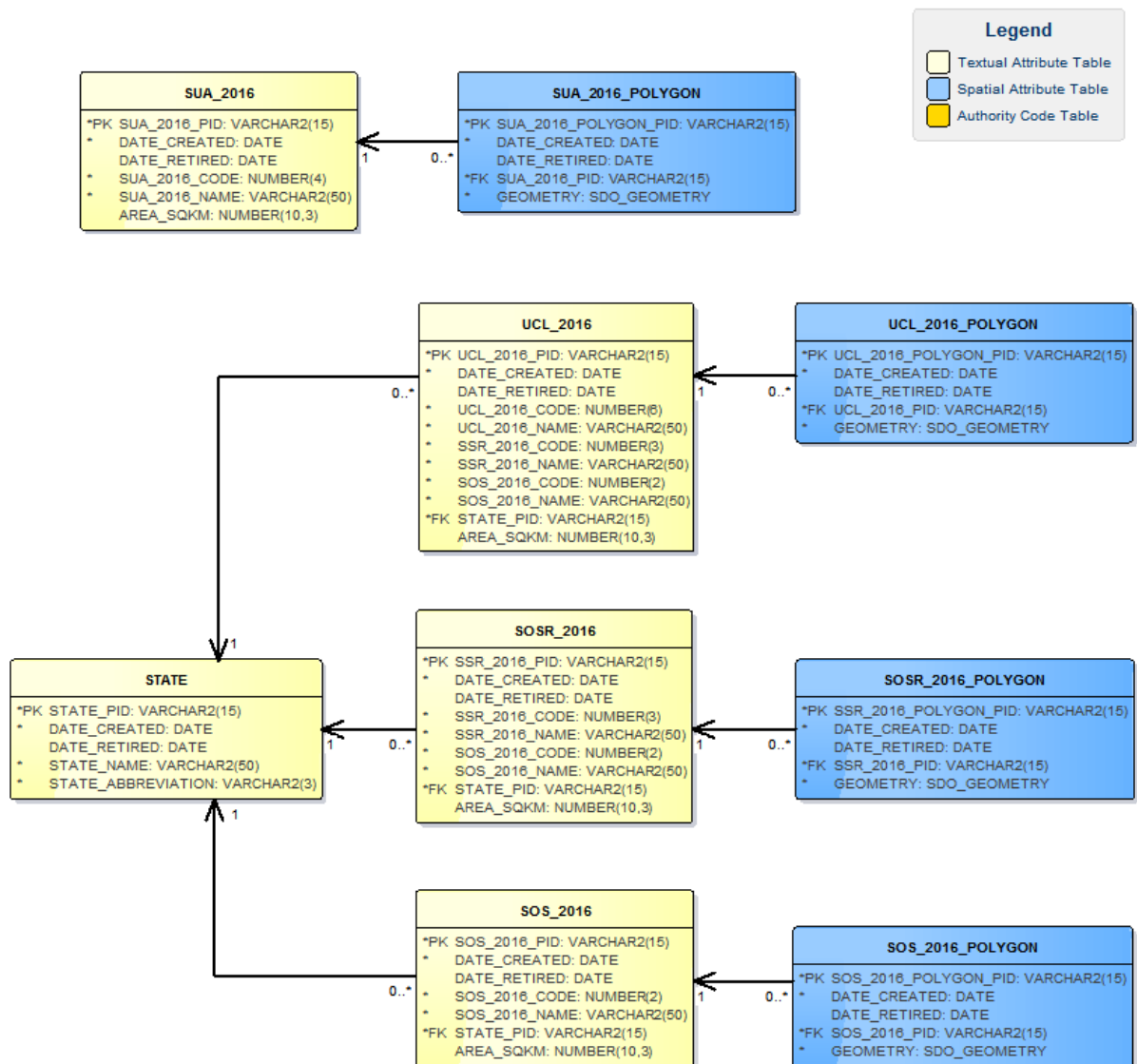
Administrative Boundaries Data Model – Page 6



Administrative Boundaries Data Model – Page 7



Administrative Boundaries Data Model – Page 8



Appendix B – Data Dictionary

ABS BOUNDARIES

The ABS Boundaries theme of Administrative Boundaries provides a basis for the Census collection and dissemination of population data.

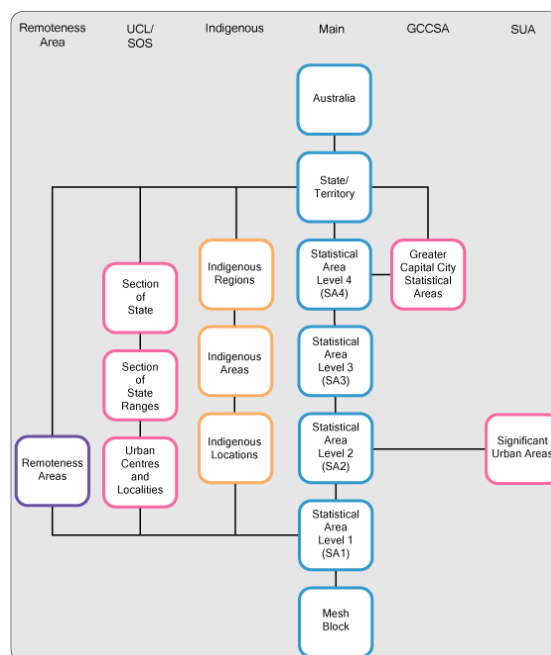


Figure 2: ASGS ABS Structures. Extracted from the ABS document

ABS Mesh Blocks (MB) and Statistical Areas

Mesh blocks are spatial areas that contain an approximate predetermined number of dwellings (usually between 30 – 60 dwellings). They are designed to be able to aggregate into several spatial units, this allows readily comparative statistics between geographical areas without unacceptable risks of accidental disclosure. Mesh blocks are intended to be the future basic spatial unit for statistical and administrative geography.

Mesh Blocks and other statistical areas have been defined to a spatial unit called the Australian Statistical Geography Standard (ASGS) by the ABS. The following is an extract from the ABS document: 1270.0.55.001 Australian Statistical Geography Standard (ASGS): Volume 1 – Main Structure and Greater Capital City Statistical Areas. This document can be accessed by following the link

<http://www.abs.gov.au/AUSSTATS/abs@.nsf/Latestproducts/0A9EA8C0BC932712CA257801000C6478?opendocument>

The ASGS brings together all the regions on which the ABS publishes statistics within the one framework. It was first used for the 2011 Census of Population and Housing and progressively introduced into other ABS data collections from 1 July 2011. A new set of ABS boundaries have been released for the 2016 Census. For support and further information about the implementation of the ASGS, please refer to the ABS website at <http://www.abs.gov.au/geography> or email geography@abs.gov.au.

Table 1: MB_CATEGORY_CLASS_AUT

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
CODE	varchar2(10)	Code. This is the persistent identifier of the record.	Y	Y	-	-	CODE
NAME	varchar2(50)	Name.	N	Y	-	-	NAME
DESCRIPTION	varchar2(200)	Description of what this category represents.	N	N	-	-	DESCRIPTIO

Table 2: Codes for the MB_CATEGORY_CLASS_AUT table

Code	NAME	DESCRIPTION	Code	NAME	DESCRIPTION
1	Agricultural	Used for 2011 Census	9	Shipping	
2	Commercial		10	Transport	
3	Education		11	Water	
4	Hospital/Medical		12	Other	
5	Industrial		13	Antarctica	

6	Nousualresidence	14	Migratory	
7	Parkland	15	Offshore	
8	Residential	16	Primary Production	Used since 2016 Census. Where more than 50 per cent of the area has been attributed to a primary production land use.

Table 3: MB_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
MB_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	MB_11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
MB_CATEGORY_CODE	varchar2(10)	The category of land use allocated to mesh block.	N	Y	MB_CATEGORY_CLASS_AUT	CODE	MB_CAT_CD
MB_2011_CODE	varchar2(15)	The mesh block code e.g. 80000040000.	N	Y	-	-	MB_11CODE
GCC_2011_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_11NAME
GCC_2011_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_11CODE
SA1_2011_PID	varchar2(15)	The persistent identifier from the SA1_2011 table.	N	Y	SA1_2011	SA1_2011_PID	SA1_11PID
SA1_2011_MAIN_CODE	number(11)	The SA1 code.	N	Y	-	-	SA1_11MAIN
SA1_2011_7DIG_CODE	number(7)	Seven digit SA1 code comprising of ABS State code, SA2 identifier and SA1 identifier.	N	Y	-	-	SA1_11_7CD
SA2_2011_MAIN_CODE	number(9)	The SA2 code.	N	Y	-	-	SA2_11MAIN
SA2_2011_5DIG_CODE	number(5)	Five digit SA2 code comprising of ABS State code and SA identifier.	N	Y	-	-	SA2_11_5CD
SA2_2011_NAME	varchar2(50)	The SA2 name.	N	Y	-	-	SA2_11NAME
SA3_2011_NAME	varchar2(50)	The SA3 name.	N	Y	-	-	SA3_11NAME
SA3_2011_CODE	number(5)	The SA3 code.	N	Y	-	-	SA3_11CODE

SA4_2011_NAME	varchar2(50)	The SA4 name.	N	Y	-	-	SA4_11NAME
SA4_2011_CODE	number(3)	The SA4 code.	N	Y	-	-	SA4_11CODE
MB_2011_POP_COUNT	number(5)	Count of persons usually resident within mesh block.	N	Y	-	-	MB11_POP
MB_2011_DWELLING_COUNT	number(3)	Count of dwellings within mesh block.	N	Y	-	-	MB11_DWELL
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQM	number (38,15)	The area in square metres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 4: MB_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
MB_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	MB_11PPID
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
MB_2011_PID	varchar2(15)	The persistent identifier from the MB_2011 table.	N	Y	MB_2011	MB_2011_PID	MB_11PID
GEOMETRY	polygon	Polygon geometry	N	Y	-	-	GEOMETRY

Table 5: GCCSA_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
GCC_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	GCC_11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
GCC_2011_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_11CODE
GCC_2011_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_11NAME

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQM	number (38,15)	The area in square metres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 6: GCCSA_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
GCC_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	GCC_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
GCC_2011_PID	varchar2(15)	The persistent identifier from the GCCSA_2011 table.	N	Y	GCCSA_2011	GCC_2011_PID	GCC_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 7: SA1_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA1_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA1_11PID
GCC_2011_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_11CODE
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
GCC_2011_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_11NAME
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA2_2011_PID	varchar2(15)	The persistent identifier from the SA2_2011 table.	N	Y	SA2_2011	SA2_2011_PID	SA2_11PID
SA1_2011_MAIN_CODE	number(11)	The SA1 code.	N	Y	-	-	SA1_11MAIN

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA1_2011_7DIG_CODE	number[7]	Seven digit SA1 code comprising of ABS State code, SA2 identifier and SA1 identifier.	N	Y	-	-	SA1_11_7CD
SA2_2011_MAIN_CODE	number[9]	The SA2 code.	N	Y	-	-	SA2_11MAIN
SA2_2011_5DIG_CODE	number[5]	Five digit SA2 code comprising of ABS State code and SA identifier.	N	Y	-	-	SA2_11_5CD
SA2_2011_NAME	varchar2[50]	The SA2 name.	N	Y	-	-	SA2_11NAME
SA3_2011_CODE	number[5]	The SA3 code.	N	Y	-	-	SA3_11CODE
SA3_2011_NAME	varchar2[50]	The SA3 name.	N	Y	-	-	SA3_11NAME
SA4_2011_CODE	number[3]	The SA4 code.	N	Y	-	-	SA4_11CODE
SA4_2011_NAME	varchar2[50]	The SA4 name.	N	Y	-	-	SA4_11NAME
AREA_SQM	number[38,15]	The area in square metres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 8: SA1_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA1_2011_POLYGON_PID	varchar2[15]	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA1_2011_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA1_2011_PID	varchar2[15]	The persistent identifier from the SA1_2011 table.	N	Y	SA1_2011	SA1_2011_PID	SA1_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 9: SA2_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA2_2011_PID	varchar2[15]	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA2_11PID

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
SA2_2011_NAME	varchar2(50)	The SA2 name.	N	Y	-	-	SA2_11NAME
SA2_2011_SDIG_CODE	number(5)	Five digit SA2 code comprising of ABS State code and SA identifier.	N	Y	-	-	SA2_11_5CD
SA2_2011_MAIN_CODE	number(9)	The SA2 code.	N	Y	-	-	SA2_11MAIN
SA3_2011_PID	varchar2(15)	The persistent identifier from the SA3_2011 table.	N	Y	SA3_2011	SA3_2011_PID	SA3_11PID
SA3_2011_NAME	varchar2(50)	The SA3 name.	N	Y	-	-	SA3_11NAME
SA3_2011_CODE	number(5)	The SA3 code.	N	Y	-	-	SA3_11CODE
SA4_2011_NAME	varchar2(50)	The SA4 name.	N	Y	-	-	SA4_11NAME
SA4_2011_CODE	number(3)	The SA4 code.	N	Y	-	-	SA4_11CODE
GCC_2011_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_11NAME
GCC_2011_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_11CODE
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQM	number(38,15)	The area in square metres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 10: SA2_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA2_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA1_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA2_2011_PID	varchar2(15)	The persistent identifier from the SA1_2011 table.	N	Y	SA1_2011	SA1_2011_PID	SA1_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 11: SA3_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA3_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA3_11PID
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
SA3_2011_NAME	varchar2(50)	The SA3 name.	N	Y	-	-	SA3_11NAME
SA3_2011_CODE	number(5)	The SA3 code.	N	Y	-	-	SA3_11CODE
SA4_2011_PID	varchar2(15)	The persistent identifier from the SA4_2011 table.	N	Y	SA4_2011	SA4_2011_PID	SA4_11PID
SA4_2011_NAME	varchar2(50)	The SA4 name.	N	Y	-	-	SA4_11NAME
SA4_2011_CODE	number(3)	The SA4 code.	N	Y	-	-	SA4_11CODE
GCC_2011_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_11NAME
GCC_2011_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_11CODE
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQM	number(38,15)	The area in square metres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 12: SA3_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA3_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA3_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA3_2011_PID	varchar2(15)	The persistent identifier from the SA3_2011 table.	N	Y	SA3_2011	SA3_2011_PID	SA3_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 13: SA4_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA4_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA4_11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
GCC_2011_PID	varchar2(15)	The persistent identifier from the GCCSA_2011 table.	N	Y	GCCSA_2011	GCC_2011_PID	GCC_11PID
GCC_2011_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_11CODE
GCC_2011_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_11NAME
SA4_2011_CODE	number(3)	The SA4 code.	N	Y	-	-	SA4_11CODE
SA4_2011_NAME	varchar2(50)	The SA4 name.	N	Y	-	-	SA4_11NAME
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQM	number(38,15)	The area in square metres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 14: SA4_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA4_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA4_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA4_2011_PID	varchar2(15)	The persistent identifier from the SA4_2011 table.	N	Y	SA4_2011	SA4_2011_PID	SA4_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 15: MB_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
MB_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	MB_16PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
MB_CATEGORY_CODE	varchar2(10)	The category of land use allocated to mesh block.	N	Y	MB_CATEGORY_CLASS_AUT	CODE	MB_CAT_CD
MB_2016_CODE	varchar2(15)	The mesh block code e.g. 80000040000.	N	Y	-	-	MB_16CODE
GCC_2016_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_16NAME
GCC_2016_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_16CODE
SA1_2016_PID	varchar2(15)	The persistent identifier from the SA1_2016 table.	N	Y	SA1_2016	SA1_2016_PID	SA1_16PID
SA1_2016_MAIN_CODE	number(11)	The SA1 code.	N	Y	-	-	SA1_16MAIN
SA1_2016_7DIG_CODE	number(7)	Seven digit SA1 code comprising of ABS State code, SA2 identifier and SA1 identifier.	N	Y	-	-	SA1_16_7CD
SA2_2016_MAIN_CODE	number(9)	The SA2 code.	N	Y	-	-	SA2_16MAIN
SA2_2016_5DIG_CODE	number(5)	Five digit SA2 code comprising of ABS State code and SA identifier.	N	Y	-	-	SA2_16_5CD
SA2_2016_NAME	varchar2(50)	The SA2 name.	N	Y	-	-	SA2_16NAME
SA3_2016_NAME	varchar2(50)	The SA3 name.	N	Y	-	-	SA3_16NAME
SA3_2016_CODE	number(5)	The SA3 code.	N	Y	-	-	SA3_16CODE
SA4_2016_NAME	varchar2(50)	The SA4 name.	N	Y	-	-	SA4_16NAME
SA4_2016_CODE	number(3)	The SA4 code.	N	Y	-	-	SA4_16CODE
MB_2016_POP_COUNT	number(5)	Count of persons usually resident within mesh block.	N	Y	-	-	MB16_POP
MB_2016_DWELLING_COUNT	number(3)	Count of dwellings within mesh block.	N	Y	-	-	MB16_DWELL
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
AREA_SQM	number (38,15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 16: MB_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
MB_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	MB_16PPID
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
MB_2016_PID	varchar2(15)	The persistent identifier from the MB_2016 table.	N	Y	MB_2016	MB_2016_PID	MB_16PID
GEOMETRY	polygon	Polygon geometry	N	Y	-	-	GEOMETRY

Table 17: GCCSA_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
GCC_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	GCC_16PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
GCC_2016_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_16CODE
GCC_2016_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_16NAME
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQM	number (38,15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 18: GCCSA_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
GCC_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	GCC_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
GCC_2016_PID	varchar2(15)	The persistent identifier from the GCCSA_2016 table.	N	Y	GCCSA_2016	GCC_2016_PID	GCC_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 19: SA1_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA1_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA1_16PID
GCC_2016_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_16CODE
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
GCC_2016_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_16NAME
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA2_2016_PID	varchar2(15)	The persistent identifier from the SA2_2016 table.	N	Y	SA2_2016	SA2_2016_PID	SA2_16PID
SA1_2016_MAIN_CODE	number(11)	The SA1 code.	N	Y	-	-	SA1_16MAIN
SA1_2016_7DIG_CODE	number(7)	Seven digit SA1 code comprising of ABS State code, SA2 identifier and SA1 identifier.	N	Y	-	-	SA1_16_7CD
SA2_2016_MAIN_CODE	number(9)	The SA2 code.	N	Y	-	-	SA2_16MAIN
SA2_2016_5DIG_CODE	number(5)	Five digit SA2 code comprising of ABS State code and SA identifier.	N	Y	-	-	SA2_16_5CD
SA2_2016_NAME	varchar2(50)	The SA2 name.	N	Y	-	-	SA2_16NAME
SA3_2016_CODE	number(5)	The SA3 code.	N	Y	-	-	SA3_16CODE

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA3_2016_NAME	varchar2(50)	The SA3 name.	N	Y	-	-	SA3_16NAME
SA4_2016_CODE	number(3)	The SA4 code.	N	Y	-	-	SA4_16CODE
SA4_2016_NAME	varchar2(50)	The SA4 name.	N	Y	-	-	SA4_16NAME
AREA_SQM	number(38,15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 20: SA1_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA1_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA1_2016_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA1_2016_PID	varchar2(15)	The persistent identifier from the SA1_2016 table.	N	Y	SA1_2016	SA1_2016_PID	SA1_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 21: SA2_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA2_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA2_16PID
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
SA2_2016_NAME	varchar2(50)	The SA2 name.	N	Y	-	-	SA2_16NAME
SA2_2016_5DIG_CODE	number(5)	Five digit SA2 code comprising of ABS State code and SA identifier.	N	Y	-	-	SA2_16_5CD
SA2_2016_MAIN_CODE	number(9)	The SA2 code.	N	Y	-	-	SA2_16MAIN

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA3_2016_PID	varchar2(15)	The persistent identifier from the SA3_2016 table.	N	Y	SA3_2016	SA3_2016_PID	SA3_16PID
SA3_2016_NAME	varchar2(50)	The SA3 name.	N	Y	-	-	SA3_16NAME
SA3_2016_CODE	number(5)	The SA3 code.	N	Y	-	-	SA3_16CODE
SA4_2016_NAME	varchar2(50)	The SA4 name.	N	Y	-	-	SA4_16NAME
SA4_2016_CODE	number(3)	The SA4 code.	N	Y	-	-	SA4_16CODE
GCC_2016_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_16NAME
GCC_2016_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_16CODE
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQM	number(38,15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 22: SA2_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA2_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA1_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA2_2016_PID	varchar2(15)	The persistent identifier from the SA1_2016 table.	N	Y	SA1_2016	SA1_2016_PID	SA1_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 23: SA3_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA3_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA3_16PID
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
SA3_2016_NAME	varchar2(50)	The SA3 name.	N	Y	-	-	SA3_16NAME
SA3_2016_CODE	number(5)	The SA3 code.	N	Y	-	-	SA3_16CODE
SA4_2016_PID	varchar2(15)	The persistent identifier from the SA4_2016 table.	N	Y	SA4_2016	SA4_2016_PID	SA4_16PID
SA4_2016_NAME	varchar2(50)	The SA4 name.	N	Y	-	-	SA4_16NAME
SA4_2016_CODE	number(3)	The SA4 code.	N	Y	-	-	SA4_16CODE
GCC_2016_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_16NAME
GCC_2016_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_16CODE
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQM	number(38,15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 24: SA3_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA3_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA3_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA3_2016_PID	varchar2(15)	The persistent identifier from the SA3_2016 table.	N	Y	SA3_2016	SA3_2016_PID	SA3_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 25: SA4_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA4_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA4_16PID

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
GCC_2016_PID	varchar2(15)	The persistent identifier from the GCCSA_2016 table.	N	Y	GCCSA_2016	GCC_2016_PID	GCC_16PID
GCC_2016_CODE	varchar2(5)	The Greater Capital City Statistical Area code.	N	Y	-	-	GCC_16CODE
GCC_2016_NAME	varchar2(50)	The Greater Capital City Statistical Area name.	N	Y	-	-	GCC_16NAME
SA4_2016_CODE	number(3)	The SA4 code.	N	Y	-	-	SA4_16CODE
SA4_2016_NAME	varchar2(50)	The SA4 name.	N	Y	-	-	SA4_16NAME
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQM	number(38,15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection.	N	N	-	-	AREA_SQM

Table 26: SA4_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SA4_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SA4_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA4_2016_PID	varchar2(15)	The persistent identifier from the SA4_2016 table.	N	Y	SA4_2016	SA4_2016_PID	SA4_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Indigenous Structures

Table 27: ILOC_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
ILOC_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	ILOC_11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
IARE_2011_PID	varchar2(15)	The persistent identifier from the IARE_2011 table.	N	Y	IARE_2011	IARE_2011_PID	IARE_11PID
IARE_2011_CODE	varchar2(6)	The Indigenous Area code.	N	Y	-	-	IARE_11COD
IARE_2011_NAME	varchar2(50)	The Indigenous Area name.	N	Y	-	-	IARE_11NAM
ILOC_2011_CODE	number(8)	The Indigenous Location code.	N	Y	-	-	ILOC_11COD
ILOC_2011_NAME	varchar2(50)	The Indigenous Location name.	N	Y	-	-	ILOC_11NAM
IREG_2011_CODE	number(3)	The Indigenous Region code.	N	Y	-	-	IREG_11COD
IREG_2011_NAME	varchar2(50)	The Indigenous Region name.	N	Y	-	-	IREG_11NAM
IREG_2011_PID	varchar2(15)	The persistent identifier from the IREG_2011 table.	N	Y	IREG_2011	IREG_2011_PID	IREG_11PID
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQKM	number(10, 3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM

Table 28: ILOC_2011_Polygon

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
ILOC_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	ILO_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
ILOC_2011_PID	varchar2(15)	The persistent identifier from the ILOC_2011 table.	N	Y	ILOC_2011	ILOC_2011_PID	ILOC_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 29: IARE_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
IARE_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	IARE_11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
IARE_2011_CODE	varchar2(6)	The Indigenous Area code.	N	Y	-	-	IARE_11COD
IARE_2011_NAME	varchar2(50)	The Indigenous Area name.	N	Y	-	-	IARE_11NAM
IREG_2011_PID	varchar2(15)	The Indigenous Region persistent identifier.	N	Y	IREG_2011	IREG_2011_PID	IREG_11PID
IREG_2011_CODE	number(3)	The Indigenous Region code.	N	Y	-	-	IREG_11COD
IREG_2011_NAME	varchar2(50)	The Indigenous Region name.	N	Y	-	-	IREG_11NAM
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQKM	number(10, 3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM

Table 30: Table: IARE_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
IARE_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	IAR_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
IARE_2011_PID	varchar2(15)	The persistent identifier from the IARE_2011 table.	N	Y	IARE_2011	IARE_2011_PID	IARE_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 31: IREG_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
IREG_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	IREG_11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
IREG_2011_CODE	number(3)	The Indigenous Region code.	N	Y	-	-	IREG_11COD
IREG_2011_NAME	varchar2(50)	The Indigenous Region name.	N	Y	-	-	IREG_11NAM
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQKM	number(10, 3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM

Table 32: IREG_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
IREG_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	IRE_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
IREG_2011_PID	varchar2(15)	The persistent identifier from the IREG_2011 table.	N	Y	IREG_2011	IREG_2011_PID	IREG_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 33: ILOC_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
ILOC_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	ILOC_16PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
ILOC_2016_CODE	varchar[8]	The Indigenous Location code.	N	Y	-	-	ILOC_16COD
ILOC_2016_NAME	varchar2[50]	The Indigenous Location name.	N	Y	-	-	ILOC_16NAM
IARE_2016_PID	varchar2[15]	The persistent identifier from the IARE_2016 table.	N	Y	IARE_2016	IARE_2016_PID	IARE_16PID
IARE_2016_CODE	varchar2[6]	The Indigenous Area code.	N	Y	-	-	IARE_16COD
IARE_2016_NAME	varchar2[50]	The Indigenous Area name.	N	Y	-	-	IARE_16NAM
IREG_2016_PID	varchar2[15]	The persistent identifier from the IREG_2016 table.	N	Y	IREG_2016	IREG_2016_PID	IREG_16PID
IREG_2016_CODE	varchar[3]	The Indigenous Region code.	N	Y	-	-	IREG_16COD
IREG_2016_NAME	varchar2[50]	The Indigenous Region name.	N	Y	-	-	IREG_16NAM
STATE_PID	varchar2[15]	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQKM	number(10, 3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM

Table 34: ILOC_2016_Polygon

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
ILOC_2016_POLYGON_PID	varchar2[15]	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	ILO_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
ILOC_2016_PID	varchar2[15]	The persistent identifier from the ILOC_2016 table.	N	Y	ILOC_2016	ILOC_2016_PID	ILOC_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 35: IARE_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
IARE_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	IARE_16PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
IARE_2016_CODE	varchar2(6)	The Indigenous Area code.	N	Y	-	-	IARE_16COD
IARE_2016_NAME	varchar2(50)	The Indigenous Area name.	N	Y	-	-	IARE_16NAM
IREG_2016_PID	varchar2(15)	The Indigenous Region persistent identifier.	N	Y	IREG_2016	IREG_2016_PID	IREG_16PID
IREG_2016_CODE	varchar(3)	The Indigenous Region code.	N	Y	-	-	IREG_16COD
IREG_2016_NAME	varchar2(50)	The Indigenous Region name.	N	Y	-	-	IREG_16NAM
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQKM	number(10, 3)	The area in square metres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM

Table 36: IARE_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
IARE_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	IAR_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
IARE_2016_PID	varchar2(15)	The persistent identifier from the IARE_2016 table.	N	Y	IARE_2016	IARE_2016_PID	IARE_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 37: IREG_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
IREG_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	IREG_16PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
IREG_2016_CODE	varchar(3)	The Indigenous Region code.	N	Y	-	-	IREG_16COD
IREG_2016_NAME	varchar2(50)	The Indigenous Region name.	N	Y	-	-	IREG_16NAM
STATE_PID	varchar2(15)	The Persistent Identifier for the State or Territory.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQKM	number(10, 3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM

Table 38: IREG_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
IREG_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	IRE_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
IREG_2016_PID	varchar2(15)	The persistent identifier from the IREG_2016 table.	N	Y	IREG_2016	IREG_2016_PID	IREG_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Urban Centre and Localities (UCL) / Section of State /Significant Urban Areas

The Urban Centres and Localities/Section of State (UCL/SOS) structure is intended primarily for the dissemination of statistics from the Census of Population and Housing. The structure represents areas of concentrated urban development. It consists of Statistical Areas Level 1 (SA1s) aggregated together to form regions defined according to population density and other criteria. UCLs aggregate to cover only part of the State or Territory.

The Significant Urban Area (SUA) structure of the Australian Statistical Geography Standard (ASGS) is used to disseminate a broad range of ABS social and demographic statistics. It represents concentrations of urban development with a population of 10,000 or more using whole Statistical Areas Level 2 (SA2s). They do not necessarily represent a single Urban Centre, as they can represent a cluster of related Urban Centres with a core urban population over 10,000. They can also include related peri-urban and satellite development and the area into which the urban development is likely to expand.

For more detail about these clusters, follow this link.

<http://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/1270.0.55.004Main+Features1July%202011?OpenDocument>

Table 39: UCL_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
UCL_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	UCL_11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
UCL_2011_CODE	number(6)	The Urban Centre and Locality code	N	Y	-	-	UCL_11CODE
UCL_2011_NAME	varchar2(50)	The Urban Centre and Locality name.	N	Y	-	-	UCL_11NAME
SSR_2011_CODE	number(3)	The Section of State Range code.	N	Y	-	-	SSR_11CODE
SSR_2011_NAME	varchar2(50)	The Section of State Range name.	N	Y	-	-	SSR_11NAME
SOS_2011_CODE	number(2)	The Section of State code.	N	Y	-	-	SOS_11CODE
SOS_2011_NAME	varchar2(50)	The Section of State name.	N	Y	-	-	SOS_11NAME
AREA_SQKMS	number(10,3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKMS
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID

Table 40: UCL_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
UCL_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	UCL_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
UCL_2011_PID	varchar2(15)	Urban centre/locality Persistent Identifier.	N	Y	UCL_2011	UCL_2011_PID	UCL_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 41: SOSR_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SSR_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SSR_11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SSR_2011_CODE	number(3)	The Section of State Range code.	N	Y	-	-	SSR_11CODE
SSR_2011_NAME	varchar2(50)	The Section of State Range name.	N	Y	-	-	SSR_11NAME
SOS_2011_CODE	number(2)	The Section of State code.	N	Y	-	-	SOS_11CODE
SOS_2011_NAME	varchar2(50)	The Section of State name.	N	Y	-	-	SOS_11NAME
AREA_SQKMS	number(10,3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKMS
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID

Table 42: SOSR_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SSR_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SSR_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SSR_2011_PID	varchar2(15)	The Section of State Range Identifier.	N	Y	SOSR_2011	SSR_2011_PID	SSR_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 43: SOS_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SOS_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SOS_11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SOS_2011_CODE	number(2)	The Section of State code.	N	Y	-	-	SOS_11CODE
SOS_2011_NAME	varchar2(50)	The Section of State name.	N	Y	-	-	SOS_11NAME
AREA_SQKMS	number(10,3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID

Table 44: SOS_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SOS_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SOS_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRED
SOS_2011_PID	varchar2(15)	The Section of State Identifier.	N	Y	SOS_2011	SOS_2011_PID	SOS_11PID
GEOMETRY	Spatial	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 45: SUA_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SUA_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SUA_11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRED
SUA_2011_CODE	number(4)	The Significant Urban Area code.	N	Y	-	-	SUA_11CODE
SUA_2011_NAME	varchar2(50)	The Significant Urban Area name.	N	Y	-	-	SUA_11NAME
AREA_SQKM	number(10,3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM

Note: The Significant Urban Areas (SUA) cross state/territory borders and have been allocated to only one of two possible states or territories to avoid duplication.

Table 46: SUA_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SUA_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SUA_11PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRED
SUA_2011_PID	varchar2(15)	Significant Urban Area (SUA) Persistent Identifier.	N	Y	SUA_2011	SUA_2011_PID	SUA_11PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Note: The Significant Urban Areas cross state/territory borders and have been allocated to only one of two possible states or territories to avoid duplication.

Table 47: UCL_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
UCL_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	UCL_16PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
UCL_2016_CODE	number(6)	The Urban Centre and Locality code	N	Y	-	-	UCL_16CODE
UCL_2016_NAME	varchar2(50)	The Urban Centre and Locality name.	N	Y	-	-	UCL_16NAME
SSR_2016_CODE	number(3)	The Section of State Range code.	N	Y	-	-	SSR_16CODE
SSR_2016_NAME	varchar2(50)	The Section of State Range name.	N	Y	-	-	SSR_16NAME
SOS_2016_CODE	number(2)	The Section of State code.	N	Y	-	-	SOS_16CODE
SOS_2016_NAME	varchar2(50)	The Section of State name.	N	Y	-	-	SOS_16NAME
AREA_SQKM	number(10,3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID

Table 48: UCL_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
UCL_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	UCL_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
UCL_2016_PID	varchar2(15)	Urban centre/locality Persistent Identifier.	N	Y	UCL_2016	UCL_2016_PID	UCL_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 49: SOSR_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SSR_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SSR_16PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SSR_2016_CODE	number(3)	The Section of State Range code.	N	Y	-	-	SSR_16CODE
SSR_2016_NAME	varchar2(50)	The Section of State Range name.	N	Y	-	-	SSR_16NAME
SOS_2016_CODE	number(2)	The Section of State code.	N	Y	-	-	SOS_16CODE
SOS_2016_NAME	varchar2(50)	The Section of State name.	N	Y	-	-	SOS_16NAME
AREA_SQKM	number(10,3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID

Table 50: SOSR_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SSR_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SSR_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SSR_2016_PID	varchar2(15)	The Section of State Range Identifier.	N	Y	SOSR_2016	SSR_2016_PID	SSR_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 51: SOS_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SOS_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SOS_16PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SOS_2016_CODE	number(2)	The Section of State code.	N	Y	-	-	SOS_16CODE
SOS_2016_NAME	varchar2(50)	The Section of State name.	N	Y	-	-	SOS_16NAME
AREA_SQKM	number(10,3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID

Table 52: SOS_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SOS_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SOS_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SOS_2016_PID	varchar2(15)	The Section of State Identifier.	N	Y	SOS_2016	SOS_2016_PID	SOS_16PID
GEOMETRY	Spatial	Polygon geometry.	N	Y	-	-	GEOMETRY

Table 53: SUA_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SUA_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SUA_16PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRED
SUA_2016_CODE	number[4]	The Significant Urban Area code.	N	Y	-	-	SUA_16CODE
SUA_2016_NAME	varchar2[50]	The Significant Urban Area name.	N	Y	-	-	SUA_16NAME
AREA_SQKM	number[10,3]	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM

Note: The Significant Urban Areas cross state/territory borders and have been allocated to only one of two possible states or territories to avoid duplication.

Table 54: SUA_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SUA_2016_POLYGON_PID	varchar2[15]	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SUA_16PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRED
SUA_2016_PID	varchar2[15]	Significant Urban Area (SUA) Persistent Identifier.	N	Y	SUA_2016	SUA_2016_PID	SUA_16PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

Note: The Significant Urban Areas cross state/territory borders and have been allocated to only one of two possible states or territories to avoid duplication.

Remoteness Areas (RA)

The RAs are based on the Accessibility/Remoteness Index of Australia (ARIA+) developed in 2000 by the then Commonwealth Department of Health and Aged Care (DHAC) and the National Key Centre for Social Applications of GIS (GISCA). GISCA is now incorporated into the Australian Population and Migration Research Centre (APMRC).

The ASGS SA1 boundaries are overlayed onto the ARIA+ grid and an average score is calculated based upon the grid points that are contained within each SA1. The resulting average score determines which remoteness category is allocated to each SA1. Further criteria are used by the ABS to refine RAs.

More information about RAs can be found at the ABS website -

[http://www.ausstats.abs.gov.au/ausstats/subscriber.nsf/0/A277D01B6AF25F64CA257B03000D7EED/\\$File/1270055005_july%202011.pdf](http://www.ausstats.abs.gov.au/ausstats/subscriber.nsf/0/A277D01B6AF25F64CA257B03000D7EED/$File/1270055005_july%202011.pdf)

Table 55: REMOTENESS_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
REMOTENESS_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	REM11_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
REMOTENESS_2011_CATEGORY_CODE	varchar2(15)	Describes the remoteness of town [e.g. Urban, Rural, Remote].	N	Y	REMOTENESS_CATEGORY_AUT	CODE	REM11_CCD
REMOTENESS_2011_CODE	number(2)	The remoteness area code	N	Y	-	-	REM11_CODE
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQKM	number(10,3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREASQKM

Table 56: REMOTENESS_2011_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
REMOTENESS_2011_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	REM11_PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
REMOTENESS_2011_PID	varchar2(15)	The Persistent Identifier for REMOTENESS_2011 table.	N	Y	REMOTENESS_2011	REMOTENESS_2011_PID	REM11_PID
GEOMETRY	polygon	Polygon Geometry.	N	Y	-	-	GEOMETRY

Table 57: REMOTENESS_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
REMOTENESS_2016_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	REM16_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
REMOTENESS_2016_CATEGORY_CODE	varchar2(15)	Describes the remoteness of town (e.g. Urban, Rural, Remote).	N	Y	REMOTENESS_CATEGORY_AUT	CODE	REM16_CCD
REMOTENESS_2016_CODE	number(2)	The remoteness area code	N	Y	-	-	REM16_CODE
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID
AREA_SQKM	number(10,3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREASQKM

Table 58: REMOTENESS_2016_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
REMOTENESS_2016_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	REM11_PPID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
REMOTENESS_2016_PID	varchar2(15)	The Persistent Identifier for REMOTENESS_2016 table.	N	Y	REMOTENESS_2016	REMOTENESS_2016_PID	REM16_PID
GEOMETRY	polygon	Polygon Geometry.	N	Y	-	-	GEOMETRY

Table 59: REMOTENESS_CATEGORY_AUT

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
CODE	varchar2(15)	Remoteness type code. This is the persistent Identifier of the record.	Y	Y	-	-	CODE

NAME	varchar2(50)	Name of the remoteness code.	N	Y	-	-	NAME
DESCRIPTION	varchar2(200)	Description of what this remoteness represents.	N	N	-	-	DESC

Table 60: Codes for REMOTENESS_CATEGORY_AUT table

Code	DESCRIPTION	NAME
0	Areas classified as Major Cities of Australia with SA1 Average ARIA+ Value Ranges between 0 to 0.2.	Major Cities of Australia
1	Areas classified as Inner Regional Australia with SA1 Average ARIA+ Value Ranges between greater than 0.2 and less than or equal to 2.4.	Inner Regional Australia
2	Areas classified as Outer Regional Australia with SA1 Average ARIA+ Value Ranges between greater than 2.4 and less than or equal to 5.92.	Outer Regional Australia
3	Areas classified as Remote Australia with SA1 Average ARIA+ Value Ranges between greater than 5.92 and less than or equal to 10.53.	Remote Australia
4	Areas classified as Very Remote Australia with SA1 Average ARIA+ Value Ranges greater than 10.53.	Very Remote Australia
5	Classified as Migratory, Offshore or Shipping.	Migratory – Offshore - Shipping
9	Classified as no usual address.	No usual address

Socio-Economic Indexes for Areas (SEIFA)

The Socio-Economic Indexes for Areas (SEIFA) is a product developed by the ABS that ranks areas in Australia according to relative socio-economic advantage and disadvantage. SEIFA 2011 is based on Census 2011 data and SEIFA 2016 based on Census 2016. SEIFA consists of four indexes, each focussing on a different aspect of socio-economic advantage and disadvantage and being a summary of a different subset of Census variables.

SEIFA 2011 and SEIFA 2016 are aligned with the ASGS and the base unit for analysis is the SA1s. Note that not all SA1s have SEIFA information.

More information about 2011 SEIFA can be obtained from the ABS website -

[http://www.ausstats.abs.gov.au/ausstats/subscriber.nsf/0/22CEDA8038AF7A0DCA257B3B00116E34/\\$File/2033.0.55.001%20seifa%202011%20Technical%20paper.pdf](http://www.ausstats.abs.gov.au/ausstats/subscriber.nsf/0/22CEDA8038AF7A0DCA257B3B00116E34/$File/2033.0.55.001%20seifa%202011%20Technical%20paper.pdf)

More information about 2016 SEIFA can be obtained from the ABS website -

[http://www.ausstats.abs.gov.au/ausstats/subscriber.nsf/0/756EE3DBEFA869EFCA258259000BA746/\\$File/SEIFA%202016%20Technical%20Paper.pdf](http://www.ausstats.abs.gov.au/ausstats/subscriber.nsf/0/756EE3DBEFA869EFCA258259000BA746/$File/SEIFA%202016%20Technical%20Paper.pdf)

Table 61: SEIFA_2011

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SEIFA_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SEIFA11PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA1_2011_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	N	Y	SA1_2011	SA1_2011_PID	SA1_11PID
POPULATION	number(5)	Usual resident population	N	N	-	-	POP
IRSAD_SCORE	number(5)	Index of Relative Socio-economic Advantage and Disadvantage - Score	N	N	-	-	IRSAD_SCR
IRSAD_AUS_RANK	number(5)	Index of Relative Socio-economic Advantage and Disadvantage – Ranking within Australia	N	N	-	-	IRSAD_A_RK
IRSAD_AUS_DECILE	varchar2(2)	Index of Relative Socio-economic Advantage and Disadvantage – Decile within Australia	N	N	-	-	IRSAD_A_DC
IRSAD_AUS_PERCENT	varchar2(3)	Index of Relative Socio-economic Advantage and Disadvantage – Percentile within Australia	N	N	-	-	IRSAD_A_PC
IRSAD_ST_RANK	number(5)	Index of Relative Socio-economic Advantage and Disadvantage – Ranking within State or Territory	N	N	-	-	IRSAD_S_RK
IRSAD_ST_DECILE	varchar2(2)	Index of Relative Socio-economic Advantage and Disadvantage – Decile within State or Territory	N	N	-	-	IRSAD_S_DC
IRSAD_ST_PERCENT	varchar2(3)	Index of Relative Socio-economic Advantage and Disadvantage – Percentile within State or Territory	N	N	-	-	IRSAD_S_PC
IRSD_SCORE	number(5)	Index of Relative Socio-economic Disadvantage - Score	N	N	-	-	IRSD_SCR
IRSD_AUS_RANK	number(5)	Index of Relative Socio-economic Disadvantage – Ranking within Australia	N	N	-	-	IRSD_A_RK
IRSD_AUS_DECILE	varchar2(2)	Index of Relative Socio-economic Disadvantage – Decile within Australia	N	N	-	-	IRSD_A_DC
IRSD_AUS_PERCENT	varchar2(3)	Index of Relative Socio-economic Disadvantage – Percentile within Australia	N	N	-	-	IRSD_A_PC

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
IRSD_ST_RANK	number(5)	Index of Relative Socio-economic Disadvantage – Ranking within State or Territory	N	N	-	-	IRSD_S_RK
IRSD_ST_DECILE	varchar2(2)	Index of Relative Socio-economic Disadvantage – Decile within State or Territory	N	N	-	-	IRSD_S_DC
IRSD_ST_PERCENT	varchar2(3)	Index of Relative Socio-economic Disadvantage – Percentile within State or Territory	N	N	-	-	IRSD_S_PC
IER_SCORE	number(5)	Index of Economic Resources - Score	N	N	-	-	IER_SCR
IER_AUS_RANK	number(5)	Index of Economic Resources – Ranking within Australia	N	N	-	-	IER_A_RK
IER_AUS_DECILE	varchar2(2)	Index of Economic Resources – Decile within Australia	N	N	-	-	IER_A_DC
IER_AUS_PERCENT	varchar2(3)	Index of Economic Resources – Percentile within Australia	N	N	-	-	IER_A_PC
IER_ST_RANK	number(5)	Index of Economic Resources – Ranking within State or Territory	N	N	-	-	IER_S_RK
IER_ST_DECILE	varchar2(2)	Index of Economic Resources – Decile within State or Territory	N	N	-	-	IER_S_DC
IER_ST_PERCENT	varchar2(3)	Index of Economic Resources – Percentile within State or Territory	N	N	-	-	IER_S_PC
IEO_SCORE	number(5)	Index of Education and Occupation - Score	N	N	-	-	IEO_SCR
IEO_AUS_RANK	number(5)	Index of Education and Occupation – Ranking within Australia	N	N	-	-	IEO_A_RK
IEO_AUS_DECILE	varchar2(2)	Index of Education and Occupation – Decile within Australia	N	N	-	-	IEO_A_DC
IEO_AUS_PERCENT	varchar2(3)	Index of Education and Occupation – Percentile within Australia	N	N	-	-	IEO_A_PC
IEO_ST_RANK	number(5)	Index of Education and Occupation – Ranking within State or Territory	N	N	-	-	IEO_S_RK
IEO_ST_DECILE	varchar2(2)	Index of Education and Occupation – Decile within State or Territory	N	N	-	-	IEO_S_DC
IEO_ST_PERCENT	varchar2(3)	Index of Education and Occupation – Percentile within State or Territory	N	N	-	-	IEO_S_PC

Table 62: SEIFA_2016

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
SEIFA_2016_PID	varchar2[15]	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SEIFA16PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
SA1_2016_PID	varchar2[15]	The Persistent Identifier is unique to the real world feature this record represents.	N	Y	SA1_2016	SA1_2016_PID	SA1_16PID
POPULATION	number[5]	Usual resident population	N	N	-	-	POP
IRSAD_SCORE	number[5]	Index of Relative Socio-economic Advantage and Disadvantage - Score	N	N	-	-	IRSAD_SCR
IRSAD_AUS_RANK	number[5]	Index of Relative Socio-economic Advantage and Disadvantage – Ranking within Australia	N	N	-	-	IRSAD_A_RK
IRSAD_AUS_DECILE	varchar2[2]	Index of Relative Socio-economic Advantage and Disadvantage – Decile within Australia	N	N	-	-	IRSAD_A_DC
IRSAD_AUS_PERCENT	varchar2[3]	Index of Relative Socio-economic Advantage and Disadvantage – Percentile within Australia	N	N	-	-	IRSAD_A_PC
IRSAD_ST_RANK	number[5]	Index of Relative Socio-economic Advantage and Disadvantage – Ranking within State or Territory	N	N	-	-	IRSAD_S_RK
IRSAD_ST_DECILE	varchar2[2]	Index of Relative Socio-economic Advantage and Disadvantage – Decile within State or Territory	N	N	-	-	IRSAD_S_DC
IRSAD_ST_PERCENT	varchar2[3]	Index of Relative Socio-economic Advantage and Disadvantage – Percentile within State or Territory	N	N	-	-	IRSAD_S_PC
IRSD_SCORE	number[5]	Index of Relative Socio-economic Disadvantage - Score	N	N	-	-	IRSD_SCR
IRSD_AUS_RANK	number[5]	Index of Relative Socio-economic Disadvantage – Ranking within Australia	N	N	-	-	IRSD_A_RK
IRSD_AUS_DECILE	varchar2[2]	Index of Relative Socio-economic Disadvantage – Decile within Australia	N	N	-	-	IRSD_A_DC
IRSD_AUS_PERCENT	varchar2[3]	Index of Relative Socio-economic Disadvantage – Percentile within Australia	N	N	-	-	IRSD_A_PC

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
IRSD_ST_RANK	number(5)	Index of Relative Socio-economic Disadvantage – Ranking within State or Territory	N	N	-	-	IRSD_S_RK
IRSD_ST_DECILE	varchar2(2)	Index of Relative Socio-economic Disadvantage – Decile within State or Territory	N	N	-	-	IRSD_S_DC
IRSD_ST_PERCENT	varchar2(3)	Index of Relative Socio-economic Disadvantage – Percentile within State or Territory	N	N	-	-	IRSD_S_PC
IER_SCORE	number(5)	Index of Economic Resources - Score	N	N	-	-	IER_SCR
IER_AUS_RANK	number(5)	Index of Economic Resources – Ranking within Australia	N	N	-	-	IER_A_RK
IER_AUS_DECILE	varchar2(2)	Index of Economic Resources – Decile within Australia	N	N	-	-	IER_A_DC
IER_AUS_PERCENT	varchar2(3)	Index of Economic Resources – Percentile within Australia	N	N	-	-	IER_A_PC
IER_ST_RANK	number(5)	Index of Economic Resources – Ranking within State or Territory	N	N	-	-	IER_S_RK
IER_ST_DECILE	varchar2(2)	Index of Economic Resources – Decile within State or Territory	N	N	-	-	IER_S_DC
IER_ST_PERCENT	varchar2(3)	Index of Economic Resources – Percentile within State or Territory	N	N	-	-	IER_S_PC
IEO_SCORE	number(5)	Index of Education and Occupation - Score	N	N	-	-	IEO_SCR
IEO_AUS_RANK	number(5)	Index of Education and Occupation – Ranking within Australia	N	N	-	-	IEO_A_RK
IEO_AUS_DECILE	varchar2(2)	Index of Education and Occupation – Decile within Australia	N	N	-	-	IEO_A_DC
IEO_AUS_PERCENT	varchar2(3)	Index of Education and Occupation – Percentile within Australia	N	N	-	-	IEO_A_PC
IEO_ST_RANK	number(5)	Index of Education and Occupation – Ranking within State or Territory	N	N	-	-	IEO_S_RK
IEO_ST_DECILE	varchar2(2)	Index of Education and Occupation – Decile within State or Territory	N	N	-	-	IEO_S_DC
IEO_ST_PERCENT	varchar2(3)	Index of Education and Occupation – Percentile within State or Territory	N	N	-	-	IEO_S_PC

ELECTORAL BOUNDARIES (EB)

Electoral Boundaries are used for designating voter electorates for the state and federal government elections.

Commonwealth Electoral Boundaries

Table 63: COMM_ELECTORAL

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
COMM_ELECTORAL_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	CE_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
COMM_ELECTORAL_NAME	varchar2(50)	Name of the Commonwealth electorate.	N	Y	-	-	NAME
DATE_GAZETTED	date	Gazetted date.	N	N	-	-	DT_GAZETD
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID
REDISTYEAR	number(4)	The field is the year of the boundary redistribution for each electorate.	N	N	-	-	REDISTYEAR

Table 64: COMM_ELECTORAL_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
COMM_ELECTORAL_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	y	y	-	-	CE_PLY_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
COMM_ELECTORAL_PID	varchar2(15)	Commonwealth electoral persistent identifier.	N	Y	COMM_ELECTORAL	COMM_ELECTORAL_PID	CE_PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

State Electoral Boundaries

Table 65: STATE_ELECTORAL

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
STATE_ELECTORAL_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	SE_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
STATE_ELECTORAL_NAME	varchar2(50)	Name.	N	Y	-	-	NAME
DATE_GAZETTED	date	Gazetted date.	N	N	-	-	DT_GAZETD
EFFECTIVE_START	date	Where available, the date the electorate becomes effective, often this is the first election date after redistribution. In some states the effective date and gazetted date are the same	N	N			EFF_START
EFFECTIVE_END	date	Where available, the date the electorate is no longer in effect, often this is the due to a redistribution.	N	N			EFF_END
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID
STATE_ELECTORAL_CLASS_CODE	varchar2(10)	State Electoral class code	N	N	STATE_ELECTORAL_CLASS_AUT	CODE	SECL_CODE

Table 66: STATE_ELECTORAL_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
STATE_ELECTORAL_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y			SE_PLY_PID
DATE_CREATED	date	Date this record was created.	N	Y			DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N			DT_RETIRE
STATE_ELECTORAL_PID	varchar2(15)	State electoral Persistent Identifier.	N	N	STATE_ELECTORAL	STATE_ELECTORAL_PID	SE_PID
GEOMETRY	polygon	Polygon geometry.	N	Y			GEOMETRY

Table 67: STATE_ELECTORAL_CLASS_AUT

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
CODE	varchar2(10)	This is the persistent Identifier of the record.	Y	Y	-	-	CODE
NAME	varchar2(50)	Name.	N	Y	-	-	NAME
DESCRIPTION	varchar2(200)	Description of the State Electoral classes.	N	N	-	-	DESCRIPTIO

Table 68: Codes for the STATE_ELECTORAL_CLASS_AUT table

Code	DESCRIPTION	NAME
1	Jurisdiction Electoral Boundaries for the House of Assembly	House of Assembly
2	Jurisdiction Electoral Boundaries for the Legislative Assembly	Legislative Assembly
3	Jurisdiction Electoral Boundaries for the Legislative Council	Legislative Council
4	Jurisdiction Electoral Boundaries for the Legislative Assembly and Legislative Council	Legislative Assembly and Legislative Council
5	Jurisdiction Electoral Boundaries for the House of Assembly and Legislative Council	House of Assembly and Legislative Council

LOCAL GOVERNMENT AREAS (LGA)

Local Government Areas (LGAs) define the area of each Local Government district and are a gazetted boundary.

Table 69: LGA

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
LGA_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	LGA_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
LGA_NAME	varchar2(100)	Official local government name as supplied by jurisdiction	N	Y	-	-	LGA_NAME
LGA_ABB_NAME	varchar2(100)	Abbreviated LGA name	N	Y	-	-	ABB_NAME
DATE_GAZETTED	date	Gazetted date	N	N	-	-	GT_GAZETD
STATE_PID	varchar2(15)	State Persistent Identifier	N	Y	STATE	STATE_PID	STATE_PID

Table 70: LGA_LOCALITY

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
LGA_LOCALITY_PID	varchar2(20)	The Persistent Identifier is unique to the real world feature this record represents.	y	y	-	-	LG_LOC_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
LGA_PID	varchar2(15)	Local Government Area Persistent Identifier.	N	Y	LGA	LGA_PID	LGA_PID
LOCALITY_PID	varchar2(15)	Locality Persistent Identifier.	N	Y	LOCALITY	LOCALITY_PID	LOC_PID

Table 71: LGA_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
LGA_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	LG_PLY_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
LGA_PID	varchar2(15)	Local Government Area Persistent Identifier.	N	Y	LGA	LGA_PID	LGA_PID
GEOMETRY	polygon	Polygon geometry	N	Y	-	-	GEOMETRY

Wards

Wards define the area of each Ward district and are a gazetted boundary.

Table 72: WARD

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
WARD_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	WARD_PID

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
NAME	varchar2(100)	Ward name as supplied by jurisdiction	N	Y	-	-	NAME
DATE_GAZETTED	date	Gazetted date	N	N	-	-	GT_GAZETD
LGA_PID	varchar2(15)	LGA Persistent Identifier	N	Y	LGA	LGA_PID	LGA_PID
STATE_PID	varchar2(15)	State Persistent Identifier	N	Y	STATE	STATE_PID	STATE_PID

Table 73: WARD_POLYGON

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
WARD_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	WD_PLY_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
WARD_PID	varchar2(15)	Ward Persistent Identifier.	N	Y	WARD	WARD_PID	WARD_PID
GEOMETRY	polygon	Polygon geometry	N	Y	-	-	GEOMETRY

SUBURBS/LOCALITIES

Suburb/Locality boundaries are defined in consultation with Local Governments and the constituents who reside in the Suburb/Locality.

Table 74: LOCALITY

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
LOCALITY_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	LOC_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
LOCALITY_NAME	varchar2(100)	Name of the suburb or locality..	N	Y	-	-	NAME
LOCALITY_CLASS_CODE	char(1)	Describes the class of locality.	N	Y	LOCALITY_CLASS_AUT	CODE	LOCCL_CODE
DATE_GAZETTED	date	Gazetted date - only applicable for localities classed as gazetted.	N	N	-	-	GT_GAZETD
POSTCODE	varchar2(4)	Postcode, but not currently populated	N	N	-	-	POSTCODE
PRIMARY_POSTCODE	varchar2(4)	A unique four digit identifier required to differentiate localities of the same name within a state. It is not consistent the postcodes used by Australia Post.	N	N	-	-	PRIM_PCODE
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID

Table 75: LOCALITY_POLYGON

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
LOCALITY_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	LC_PLY_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
LOCALITY_PID	varchar2(15)	Locality Persistent Identifier.	N	Y	LOCALITY	LOCALITY_PID	LOC_PID
GEOMETRY	polygon	Polygon geometry	N	Y	-	-	GEOMETRY

Table 76: LOCALITY_CLASS_AUT

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
CODE	char(1)	Locality class code. This is the persistent Identifier of the record.	Y	Y	-	-	CODE_AUT
NAME	varchar2(50)	Name	N	Y	-	-	NAME_AUT

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
DESCRIPTION	varchar2(200)	Description of what this locality type represents (eg. Gazetted Locality).	N	N	-	-	DSCPN_AUT

Table 77: Codes for the LOCALITY_CLASS_AUT table

Code	DESCRIPTION	NAME
A	ALIAS ONLY LOCALITY	ALIAS ONLY LOCALITY
D	DISTRICT	DISTRICT
G	GAZETTED LOCALITY	GAZETTED LOCALITY
H	HUNDRED	HUNDRED
M	MANUALLY VALIDATED	MANUALLY VALIDATED
T	TOPOGRAPHIC LOCALITY	TOPOGRAPHIC LOCALITY
U	UNOFFICIAL SUBURB	UNOFFICIAL SUBURB
V	UNOFFICIAL TOPOGRAPHIC FEATURE	UNOFFICIAL TOPOGRAPHIC FEATURE

STATE BOUNDARIES

State Boundaries define the area of each state and territory.

Table 78: STATE

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
STATE_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	STATE_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
STATE_NAME	varchar2(50)	Feature name. All in uppercase. e.g. TASMANIA.	N	Y	-	-	STATE_NAME
STATE_ABBREVIATION	varchar2(3)	State abbreviation.	N	Y	-	-	ST_ABBREV

Table 79: STATE_POLYGON

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
STATE_POLYGON_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	ST_PLY_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DT_CREATE
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

TOWN POINTS (TP)

The Town Points theme contains the location, name, population and classification of towns from the 2006 ABS Census. State Capitals have been aggregated into a single point. Towns with a population of less than 200 from the 2006 Census have not been included in the Town Points theme.

Table 80: TOWN

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
TOWN_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	TOWN_PID
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DATE_CREAT
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DATE_RETIR
TOWN_CLASS_CODE	char(1)	Describes the class of town this is (e.g. Urban, Rural, Remote). Lookup to town_class.	N	Y	TOWN_CLASS_AUT	CODE	TOWN_CLASS
TOWN_NAME	varchar2(50)	The name of the town.	N	Y	-	-	TOWN_NAME
POPULATION	varchar2(15)	The population of the town.	N	N	-	-	POPULATION
STATE_PID	varchar2(15)	State Persistent Identifier.	N	Y	STATE	STATE_PID	STATE_PID

Table 81: TOWN_CLASS_AUT

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
CODE	char(1)	Town class code. This is the persistent Identifier of the record.	Y	Y	-	-	CODE
NAME	varchar2(50)	Name of the town class code.	N	Y	-	-	NAME
DESCRIPTION	varchar2(200)	Description of what this town class represents.	N	N	-	-	DESCRIPTIO

Table 82: Codes for the TOWN_CLASS_AUT table

Code	Description	NAME
1	Locations that are classified as Major Cities of Australia.	Major Cities of Australia
2	Locations that are classified as Inner Regional Australia.	Inner Regional Australia
3	Locations that are classified as Outer Regional Australia.	Outer Regional Australia
4	Locations that are classified as Remote Australia.	Remote Australia
5	Locations that are classified as Very Remote Australia.	Very Remote Australia

Table 83: TOWN_POINT

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
TOWN_POINT_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	TOWN_POINT
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DATE_CREAT
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DATE_RETIR
TOWN_PID	varchar2(15)	The Persistent Identifier of the town that this point belongs to.	N	Y	TOWN	TOWN_PID	TOWN_PID
GEOMETRY	point	Point Geometry.	N	Y	-	-	GEOMETRY

Table 84: LOCALITY_TOWN

Name	Data Type	Description	Prim Key	Man	F K T	F K Col	10 Char Alias
LOCALITY_TOWN_PID	varchar2(15)	The Persistent Identifier is unique to the real world feature this record represents.	Y	Y	-	-	LOCALITY_T
DATE_CREATED	date	Date this record was created.	N	Y	-	-	DATE_CREAT
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DATE_RETIR
LOCALITY_PID	varchar2(15)	The locality Persistent Identifier.	N	Y	LOCALITY	LOCALITY_PID	LOCALITY_P
TOWN_PID	varchar2(15)	The town Persistent Identifier.	N	Y	TOWN	TOWN_PID	TOWN_PID