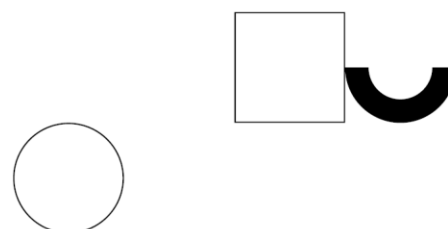
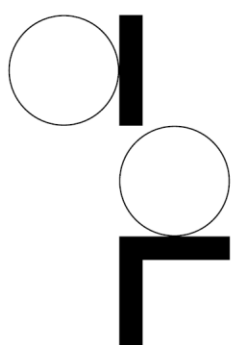
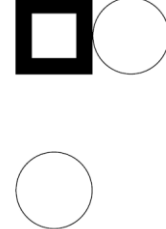
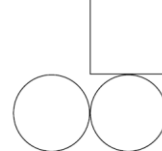


ABS Boundaries

Product Description
August 2023

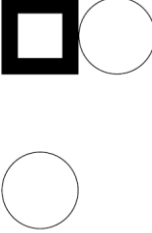
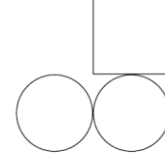




Disclaimer

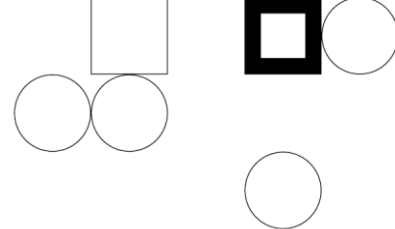
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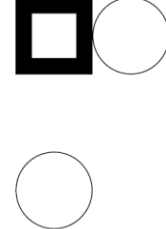


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1. Overview

1.1 Delivery Organisation - Geoscape Australia

Geoscape is the digital Australia – a comprehensive representation of our built environment. It is consistently formatted spatial data that describes the addresses, land, buildings and transport networks across Australia’s complex cities, regional centres and rural communities.

Geoscape Australia is the trading name of PSMA Australia Limited, a self-funded public company owned by the governments of Australia. The organisation’s first major initiative was to support the 1996 Census through the provision of Australia’s first national digital basemap at street-level.

We were incorporated in 2001 and tasked with collating, transforming and delivering national spatial datasets. Our establishment reflected the desire of Australian governments to work together to establish national, location information infrastructure to advance the emerging information economy. Geoscape Australia is now a trusted source of essential national location data, with a diverse ecosystem of data partners.

The value of Geoscape data is in its richness. It enables a range of innovations and applications. To support broad use of the data, it is available through online subscription services in business-ready formats, as well as customised enterprise plans. Geoscape Australia has a network of solution partners that integrate Geoscape data into other products and services. The partner network includes traditional geospatial specialists and data engineers, as well as software developers, marketing service providers, systems integrators and consultancies.

1.2 Data Product Specification Title

ABS Boundaries Product Description

1.3 Reference Date

August 2023

1.4 Responsible Party

PSMA Australia Limited trading as Geoscape Australia

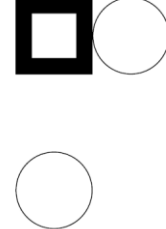
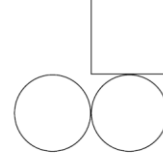
ABN: 23 089 912 710

Unit 6, 113 Canberra Avenue, GRIFFITH ACT 2603 Australia

T: +61 2 6260 9000

E: info@geoscape.com.au

URL: www.geoscape.com.au



1.5 Language

English

1.6 Topic Category

Boundaries for Australian Bureau of Statistics geographies within Australia.

1.7 Informal Description of the Data Product

ABS Boundaries is a digital representation of Australian Statistical Geography Standard (ASGS) boundaries produced by the Australian Bureau of Statistics (ABS). 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 the two latest versions are included in Geoscape's ABS Boundaries product. The Mesh Blocks released are used in building all ASGS boundaries. SEIFA is not a boundary dataset, but provides socio-economic indexes for the ABS statistical areas.

The ABS Boundaries dataset is comprised of two themes:

- Australian Bureau of Statistics (ABS) Boundaries 2016
- Australian Bureau of Statistics (ABS) Boundaries 2021

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 Locality - Section of State - Significant Urban Area
- 2016 Remoteness Area (RA)
- 2016 SEIFA (Socio-Economic Indexes for Areas)

The ABS Boundaries 2021 theme includes five layers:

- 2021 ABS Mesh Blocks and Statistical Areas
- 2021 ABS Indigenous Regions, Areas and Locations
- 2021 Urban Centre and Locality - Section of State - Significant Urban Area
- 2021 Remoteness Area (RA)
- 2021 SEIFA (Socio-Economic Indexes for Areas)

1.8 Distribution Format

This document is available in PDF format. For other formats and use of this document, contact Geoscape Support (support@geoscape.com.au).

1.9 Copyright and Disclaimer

Please see geoscape.com.au/legal/data-copyright-and-disclaimer/.



1.10 Privacy

Geoscape products and services should not contain any personal or business names or other sensitive information. Geoscape 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 Geoscape products or services, please contact support@geoscape.com.au.



2. Specification Scope

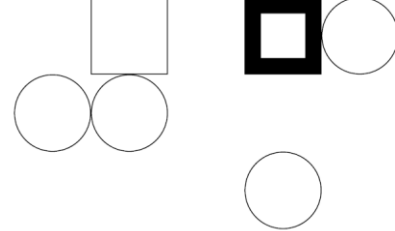
2.1 Scope Identification

ABS Boundaries is a standalone data theme containing two layers called:

- Australian Bureau of Statistics (ABS) Boundaries 2016
- Australian Bureau of Statistics (ABS) Boundaries 2021

2.2 Extent

National spatial coverage of ABS statistical boundaries.



3. Data Product Identification

3.1 Title

ABS Boundaries

3.2 Alternate Titles

Geoscape ABS Boundaries

3.3 Abstract

ABS Boundaries provides an optimised quality geometric description and a set of basic attributes for ABS-produced ASGS Boundaries across Australia.

3.4 Purpose

ABS Boundaries is designed to meet the needs of organisations that require a graphical representation of ABS statistical boundaries to integrate with other data in servicing their business needs.

3.5 Topic Category

Vector spatial data defined by coordinates (latitude and longitude) with associated textual (aspatial) metadata.

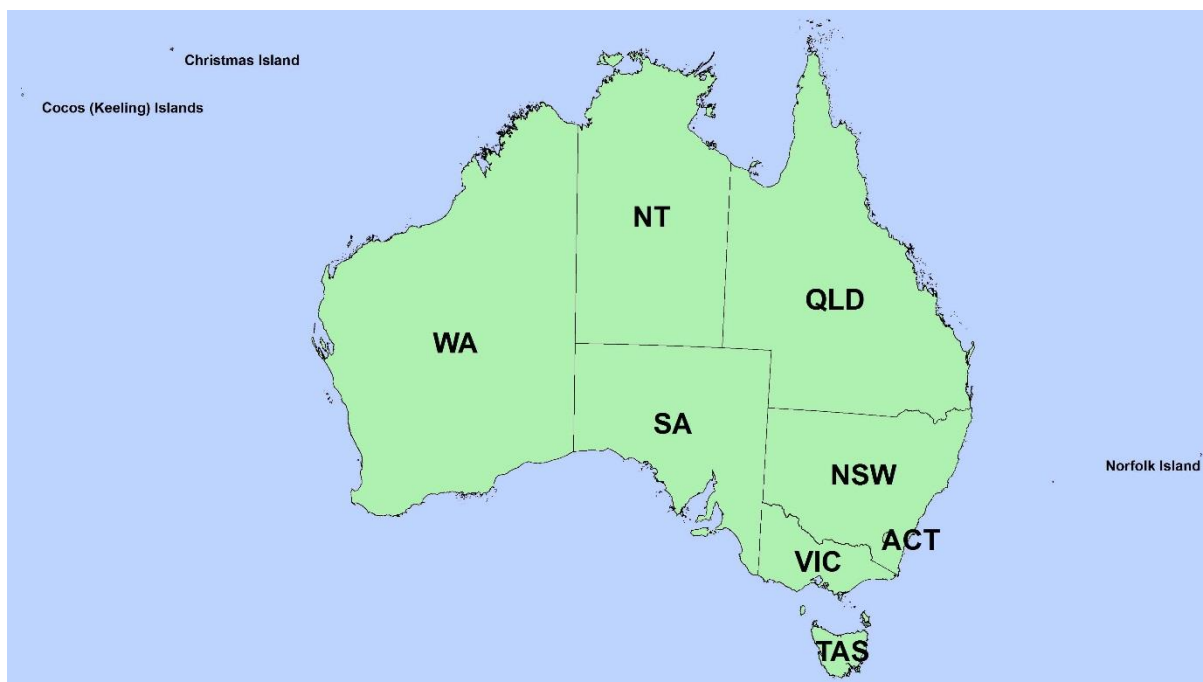
3.6 Geographic Description

The spatial coverage of ABS Boundaries includes Australia's land mass. 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°

The area covers the land mass of Australia, including 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)
West 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: Geoscape 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. Geoscape includes newly created "Outside Australia" codes as OT for distribution purposes.

4. Data Content and Structure

The ABS Boundaries dataset is a feature-based product. A data model is included (Appendix A - Data Model Diagram) with an associated data dictionary (Appendix B - Data Dictionary).

4.1 Feature-Based Data

The feature type is a spatial polygon. The table below outlines the features and their integration into related datasets.

Table 1: Feature descriptions and integration into related datasets

Entity	Description	Integration
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.
Statistical Area 1 (SA1)	The SA1 entity captures SA1s used by the Australian Bureau of Statistics.	A SA1 is a group of Mesh Blocks.
Statistical Area 2 (SA2)	The SA2 entity captures SA2s used by the Australian Bureau of Statistics.	A SA2 is a group of SA1s.
Statistical Area 3 (SA3)	The SA3 entity captures SA3s used by the Australian Bureau of Statistics.	A SA3 is a group of SA2s.
Statistical Area 4 (SA4)	The SA4 entity captures SA4s used by the Australian Bureau of Statistics.	A SA4 is a group of SA3s.
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.
Indigenous Location (ILOC)	The ILOC entity captures ILOCs used by the Australian Bureau of Statistics.	From the 2016 ASGS and onwards, an ILOC is a group of SA1s.
Indigenous Area (IARE)	The IARE entity captures IAREs used by the Australian Bureau of Statistics.	An IARE is a group of ILOCs.
Indigenous Region (IREG)	The IREG entity captures IREGs used by the Australian Bureau of Statistics.	An IREG is a group of IAREs.
Urban Centre and Locality (UCL)	The UCL entity captures UCLs used by the Australian Bureau of Statistics.	A UCL is a group of SA1s.
Section of State Range (SOSR)	The SOSR entity captures SOSRs used by the Australian Bureau of Statistics.	A SOSR is a group of SA1s.
Section of State (SOS)	The SOS entity captures SOSs used by the Australian Bureau of Statistics.	A SOS is a group of SA1s.
Significant Urban Area (SUA)	The SUA entity captures SUAs used by the Australian Bureau of Statistics.	A SUA is a group of SA2s.

Entity	Description	Integration
Remoteness Area (RA)	The RA entity captures RAs used by the Australian Bureau of Statistics.	A RA is a group of SA1s.
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.

4.2 Feature-Based Application Schema (Data Model)

The ABS Boundaries dataset Data Model Diagram is set out in Appendix A - Data Model Diagram.

4.3 Data Dictionary

4.3.1 Feature-Based Feature Catalogue

The feature catalogue in support of the application schema is provided in Appendix B - Data Dictionary. Spatial attributes are added to the feature catalogue in the same manner as other attributes for completeness and conformance to the application schema.

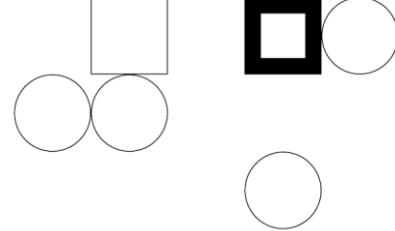
Table 2 refers to all tables in the Feature Catalogue.

Table 2: Feature Catalogue

Column	Description
Name	The name of the column in the Integrated Database.
Data Type	The data type of the column based on the types defined in ISO 19103:2015. Parentheses capture Scale, Precision and Maximum Length, where applicable.
Description	A description of the column and what the expected contents are.
Primary Key	If 'Y' then this column must always have a unique value. (Has # entry in the data model tables).
Mandatory Field	Y = mandatory. If 'Y' (mandatory), this column is populated with data.
Foreign Key Table	Represents a table that this column is referred to.
Foreign Key Column	Represents a column in the 'Foreign Key Table' that this column is referred to by another table. (has * entry in the data model tables)
10 Character 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.

4.3.2 Feature-Based Content Scope

All geometry and metadata for polygons within the ABS Boundaries dataset.



5. Reference System

5.1 Spatial Reference System

GDA94

Horizontal Datum: The Geocentric Datum of Australia 1994 (GDA94) is the target horizontal datum.

Coordinate System: Geographic Coordinate System Geocentric Datum of Australia 1994 (GDA94).

GDA2020

Horizontal Datum: The Geocentric Datum of Australia 2020 (GDA2020) is the target horizontal datum.

Coordinate System: Geographic Coordinate System Geocentric Datum of Australia 2020 (GDA2020).

5.2 Temporal Reference System

Gregorian calendar

5.3 Reference System Scope

The spatial objects and temporal attribution for the ABS Boundaries dataset.

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 ABS data has accuracy from +/- 25 metres in Urban Areas to +/- 50 metres in Rural Areas. No "shift" of data as a means of "cartographic enhancement" to facilitate presentation has been employed for any real-world feature.

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 GDA2020 Datum


Spatial features referencing the GDA2020 datum are produced using a coordinate transformation from the GDA94 datum 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 Geoscape Australia.



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

ABS Boundary geometries are validated to ensure polygons are a valid representation and free of self-intersection.

Polygons conform to the following specification:

- OGC Simple Feature Access Specification v1.2.1 [Section - 6.1.11.1]

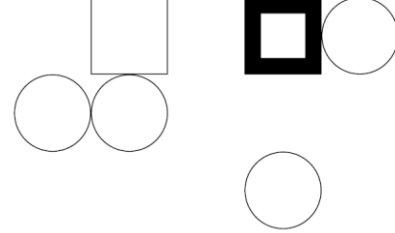
ABS Boundaries has been processed to assure all polygons are stored as single part features to improve compatibility with a range of software applications. Due to this there can be a duplication of PIDs (e.g. sa1_2021_pid) within a layer (e.g. sa1_2021) where there are multiple polygons represented by a single PID.

6.6 Completeness

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

Attribute completeness

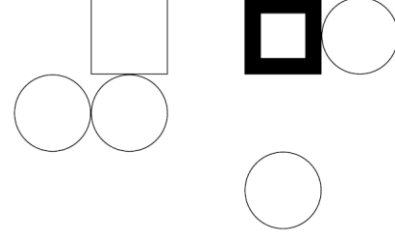
All attributes for each object are populated according to the data model, noting that some attributes are not mandatory.



Temporal accuracy for each layer is applicable to its most current release.

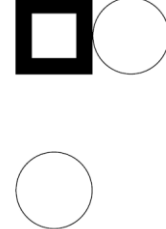
Quality scope

Polygon geometry accuracy and attribute accuracy for all included areas.



7. Data Capture

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



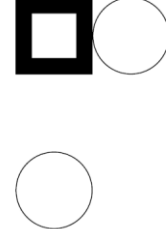
8. Data Updates and Maintenance

8.1 Update frequency

Geoscape Australia releases updates to datasets on either a monthly, quarterly, or as required frequency. ABS Boundaries is updated as required with any updates delivered in the months of February, May, August and November when applied. As required means the dataset is updated when a significant update is provided by the ABS for inclusion into the product.

8.2 Maintenance scope

Geoscape Australia's data maintenance of ABS Boundaries occurs based on data updates from the ABS.



9. Delivery Format

9.1 Components

ABS Boundaries is a vector data product and is made available for each State or Territory in the formats listed below. The Australian Government releases ABS Boundaries on data.gov.au in ESRI Shape and MapInfo TAB formats.

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

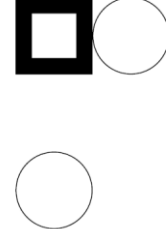
GeoJSON

Format Name

GeoJSON

Specification

This format includes files with the following extensions: *.geojson
GeoJSON specification: <https://tools.ietf.org/html/rfc7946>



NOTE: The GeoJSON specification states that the coordinate reference system for all GeoJSON coordinates is:

“a geographic coordinate reference system, using the World Geodetic System 1984 (WGS 84) datum, with longitude and latitude units of decimal degrees”

ABS Boundaries will be provided with coordinates using the datum selected for download (GDA94/GDA2020) with longitude and latitude units of decimal degrees.

Language

English



10. Geoscape Partner Network

The value of Geoscape's products is in the richness of the partner networks who have specialist skills and knowledge to provide business-ready solutions. Our network includes traditional geospatial specialists, data engineers, software developers, marketing service providers, system integrators, independent software vendors, research organisations and consultancies.

Geoscape Australia Limited

Unit 6, 113 Canberra Avenue, Griffith ACT 2603

T: 02 6260 9000

E: support@geoscape.com.au

W: <http://geoscape.com.au/>



11. Contact Geoscape

Contact us to provide feedback on the ABS Boundaries product or for further information on accessing Geoscape Data:

Geoscape Australia Limited

Unit 6, 113 Canberra Avenue, Griffith ACT 2603

T: 02 6260 9000

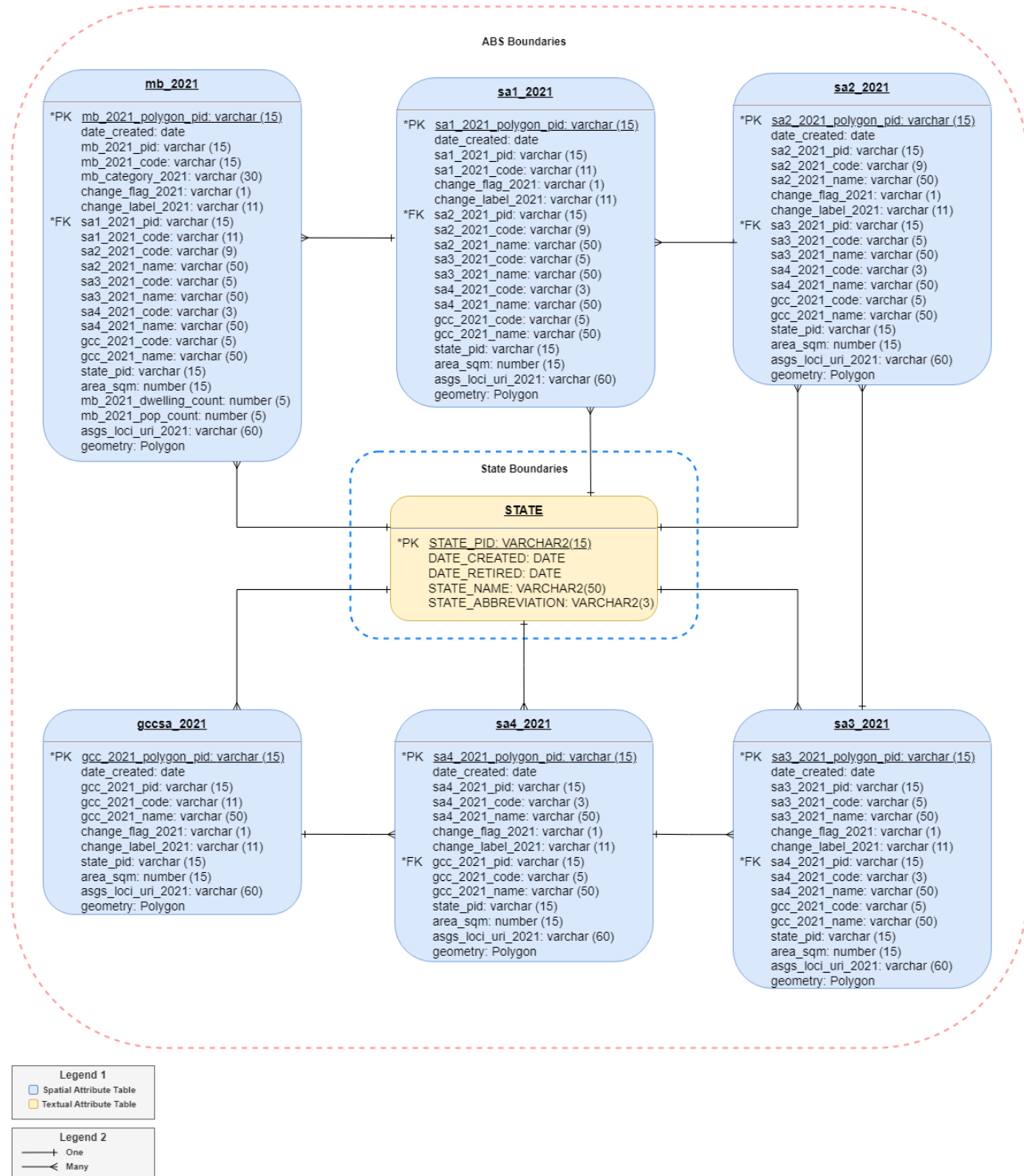
E: support@geoscape.com.au

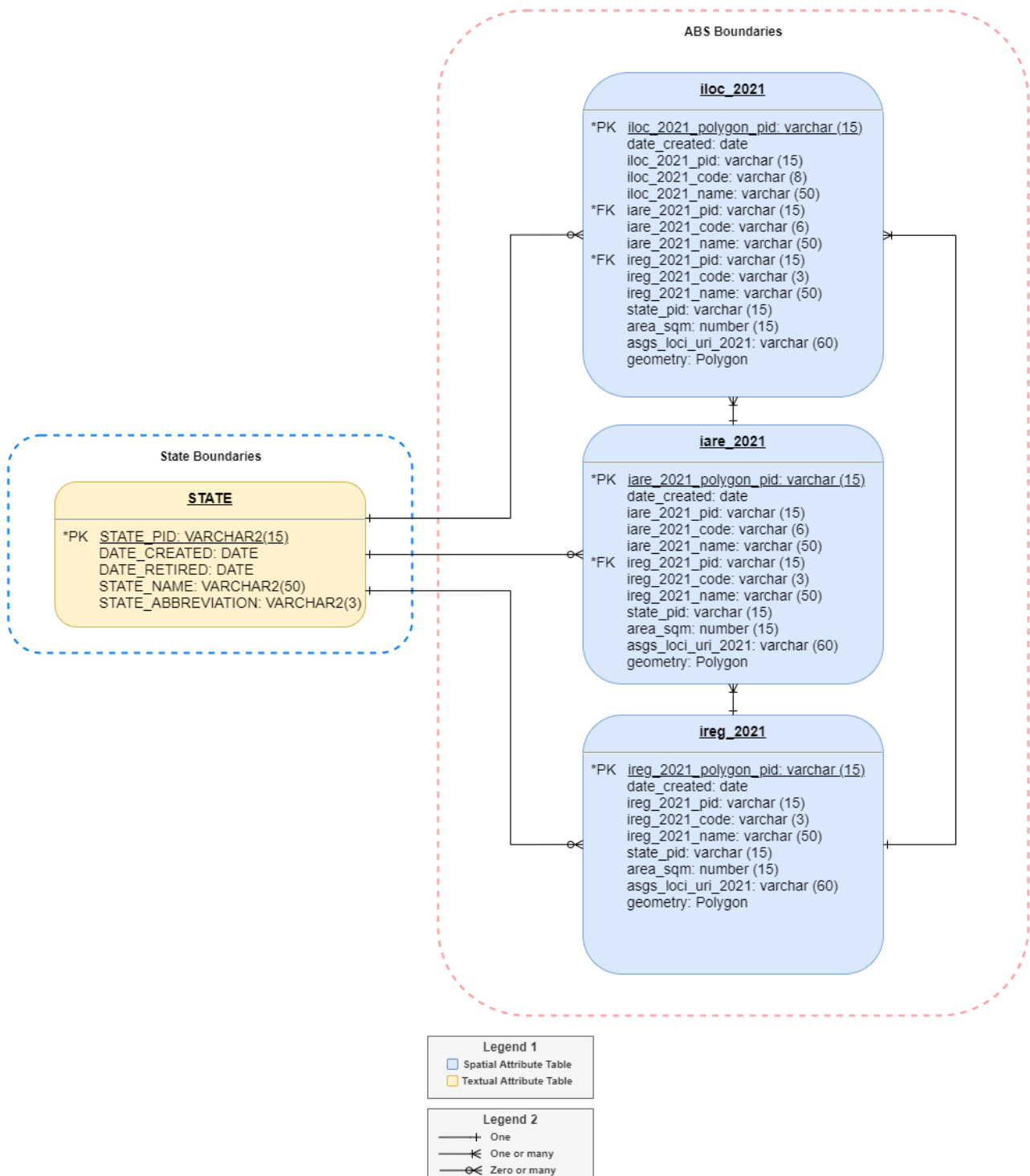
W: <http://geoscape.com.au/>

Appendix A – Data Model Diagram

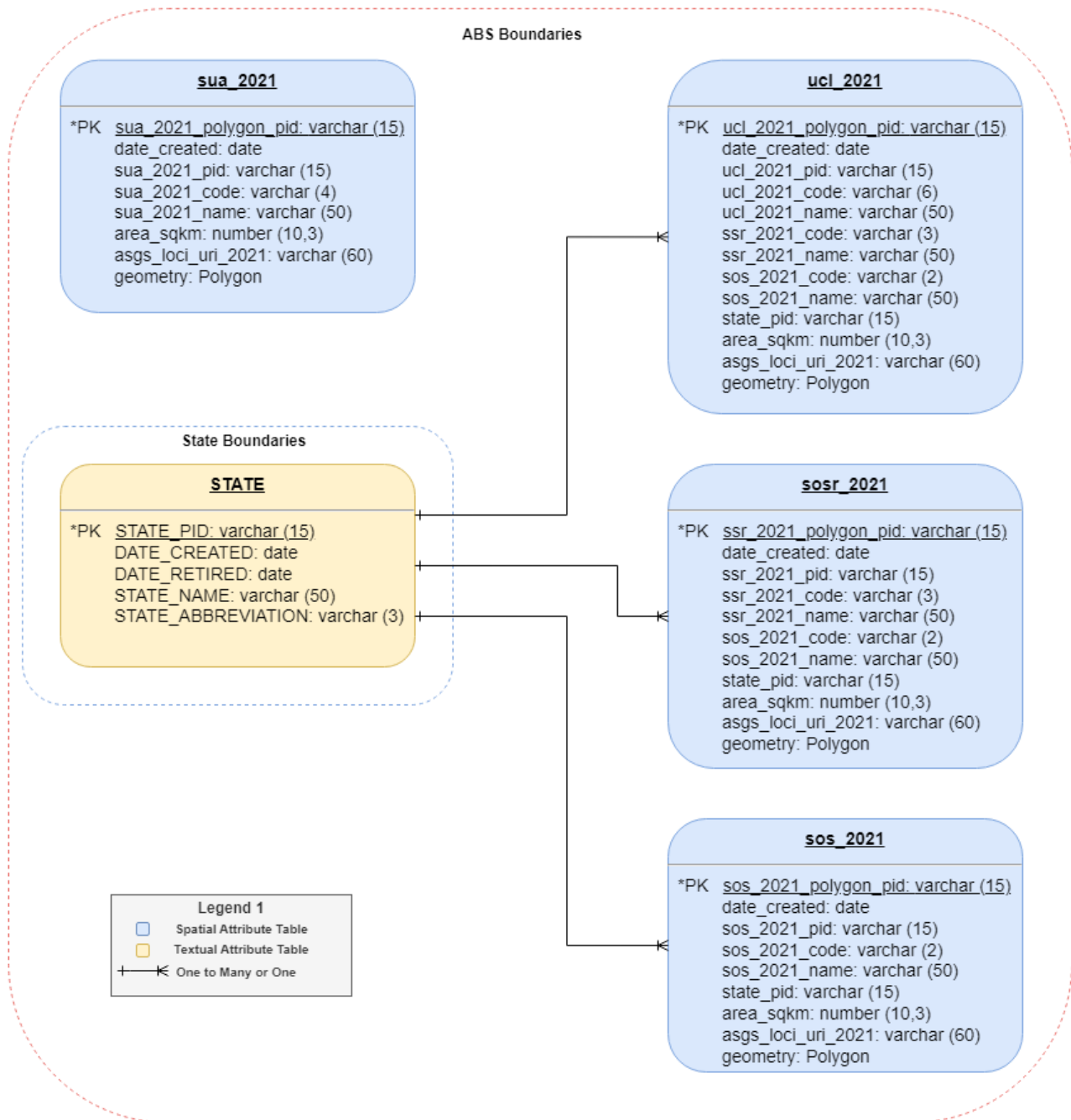
ABS Boundaries 2021

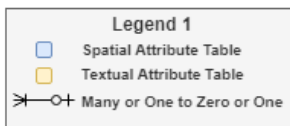
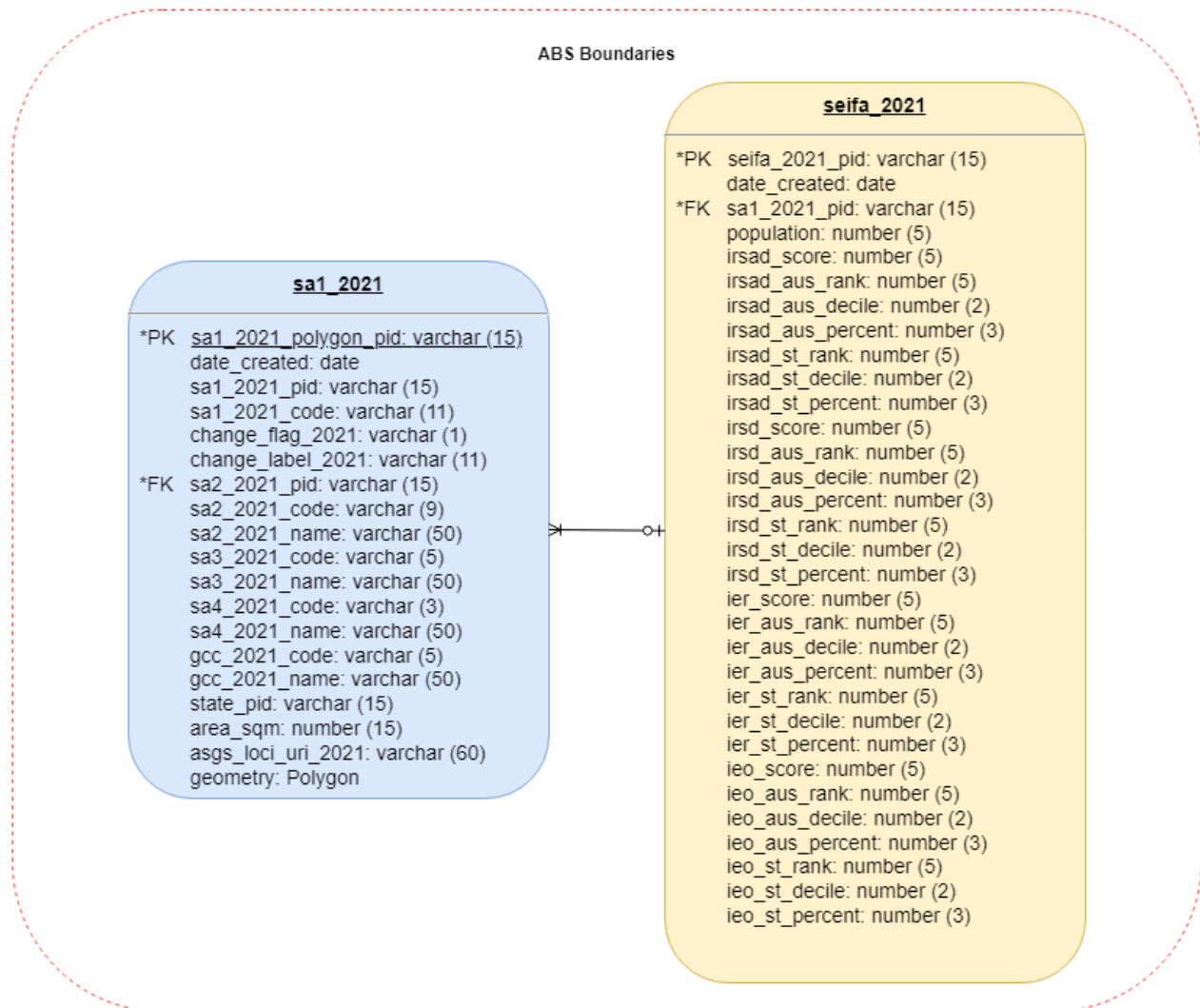
2021 Data Model Page 1



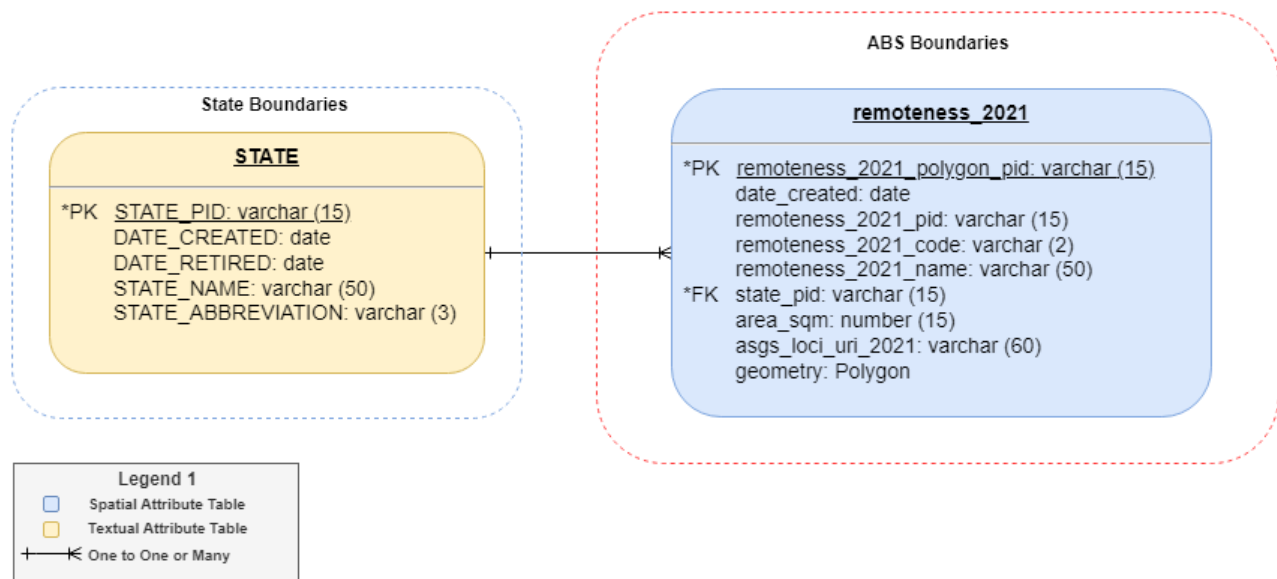


2021 Data Model Page 3



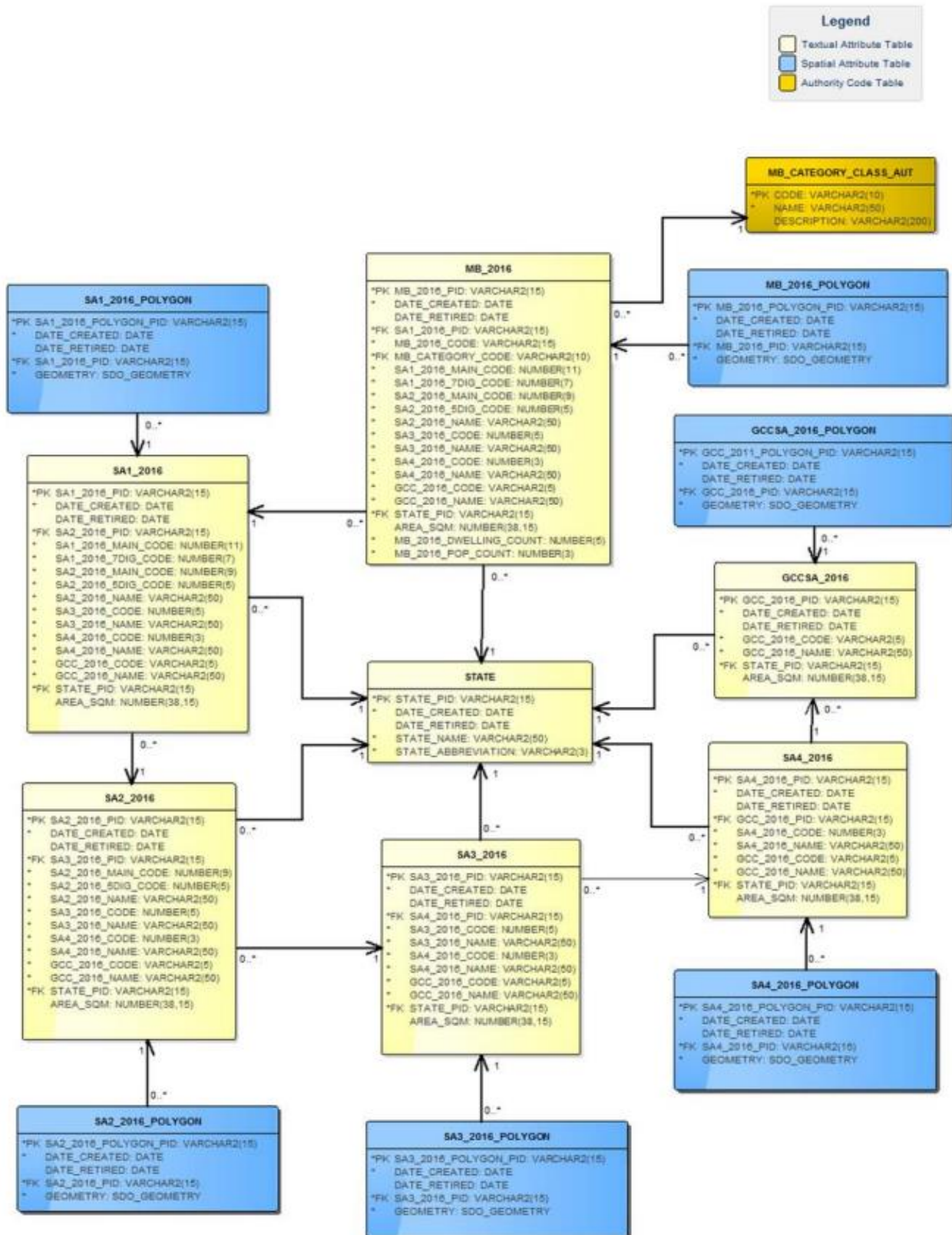


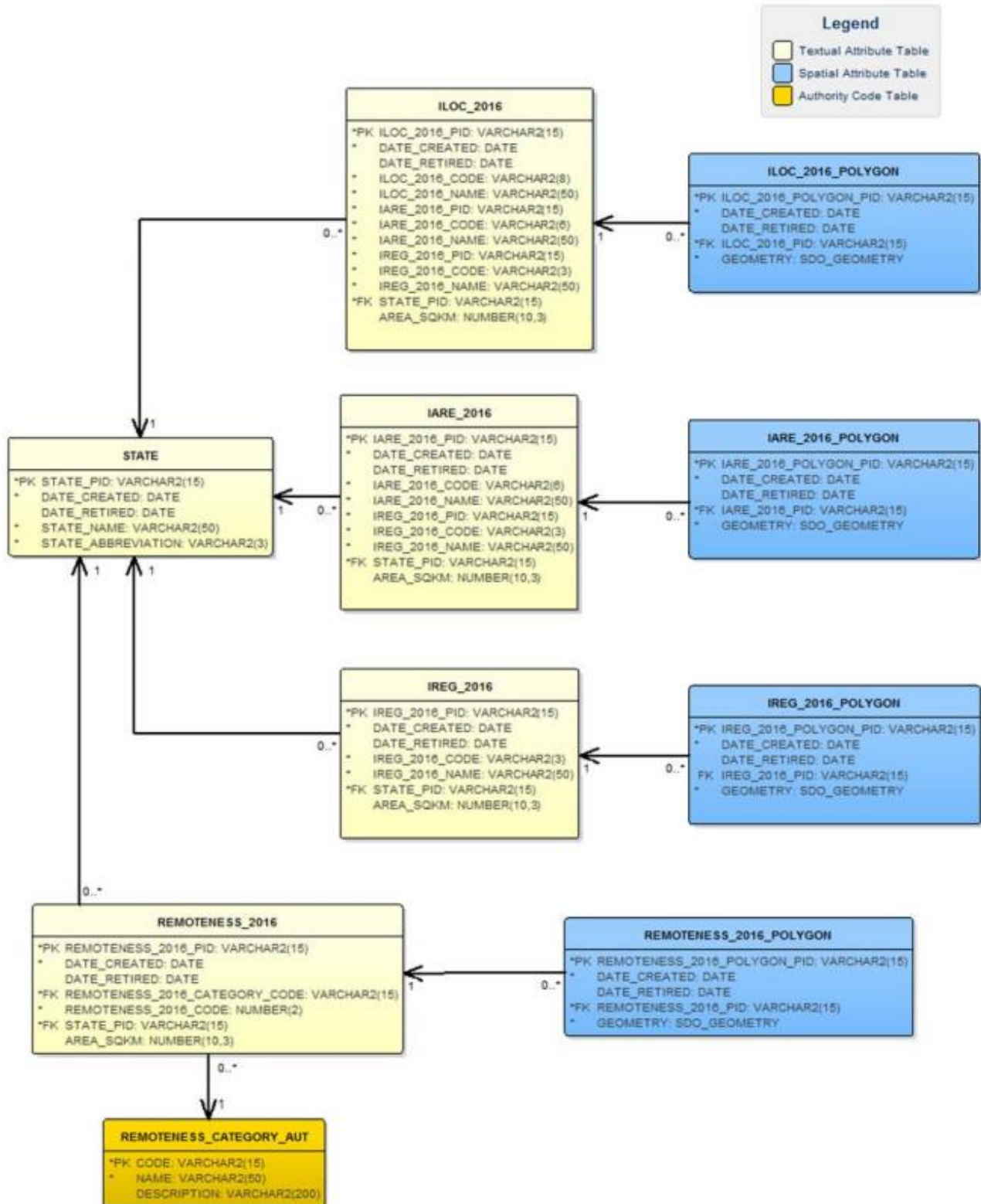
2021 Data Model Page 5

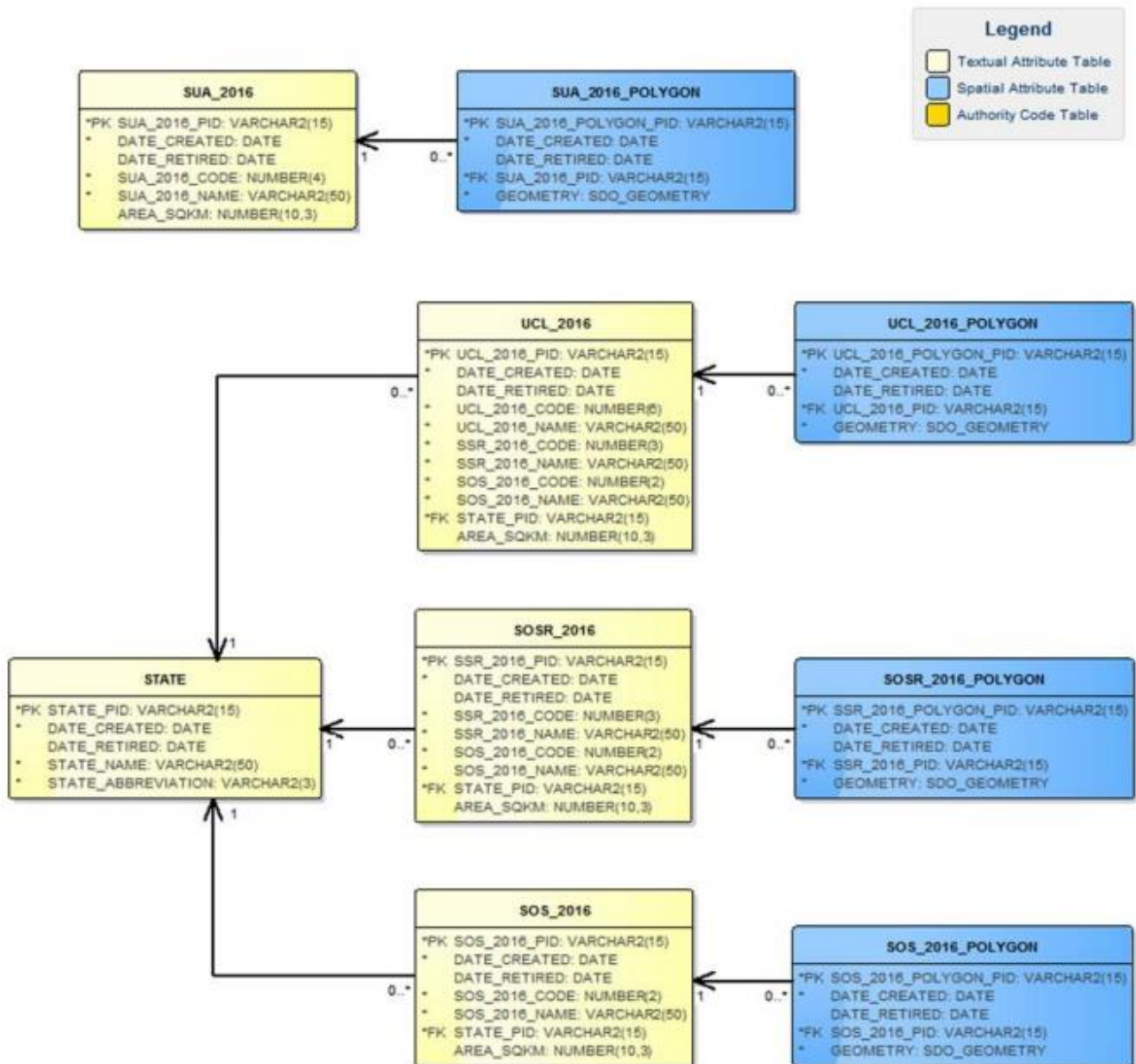


ABS Boundaries 2016

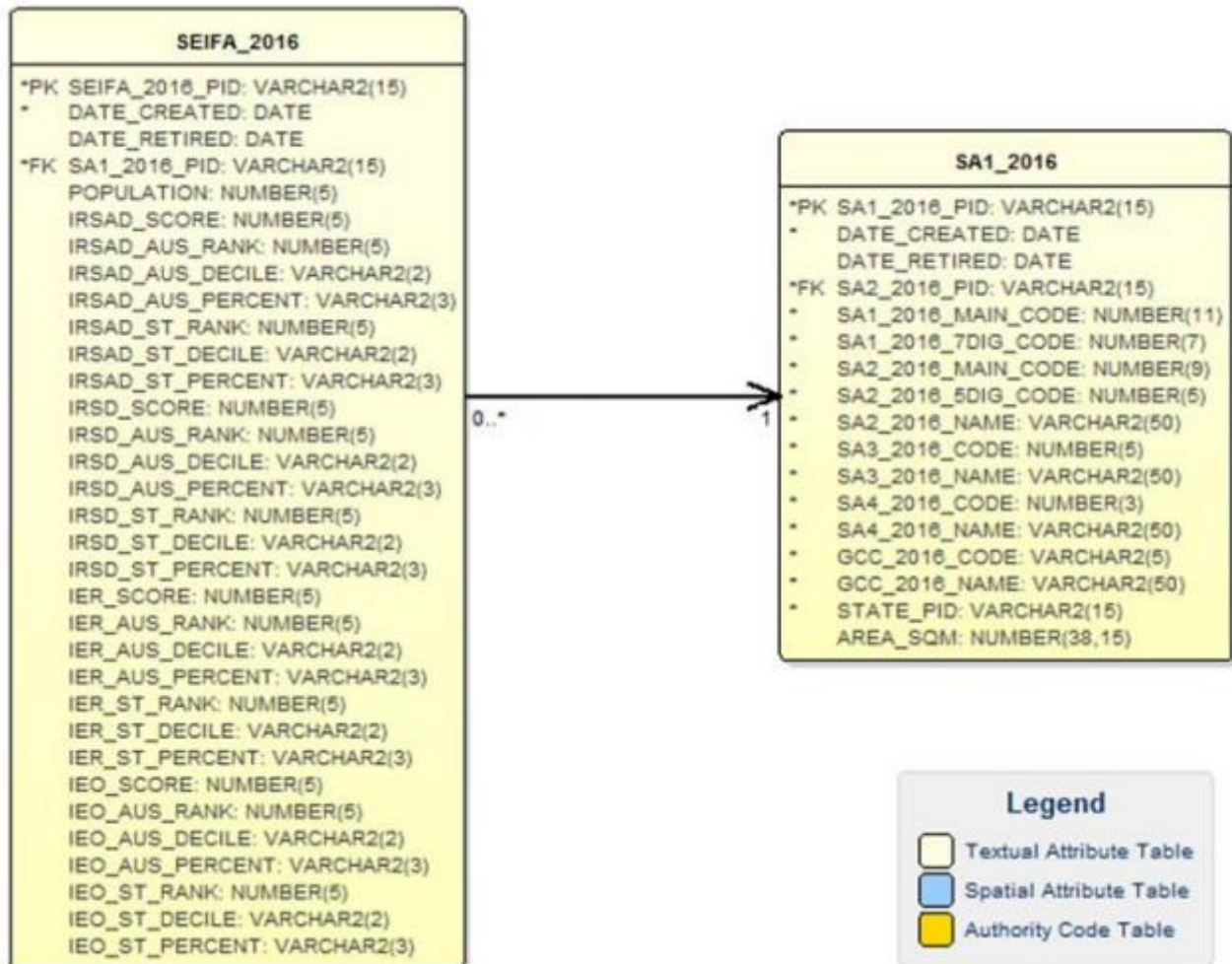
2016 Data Model Page 1







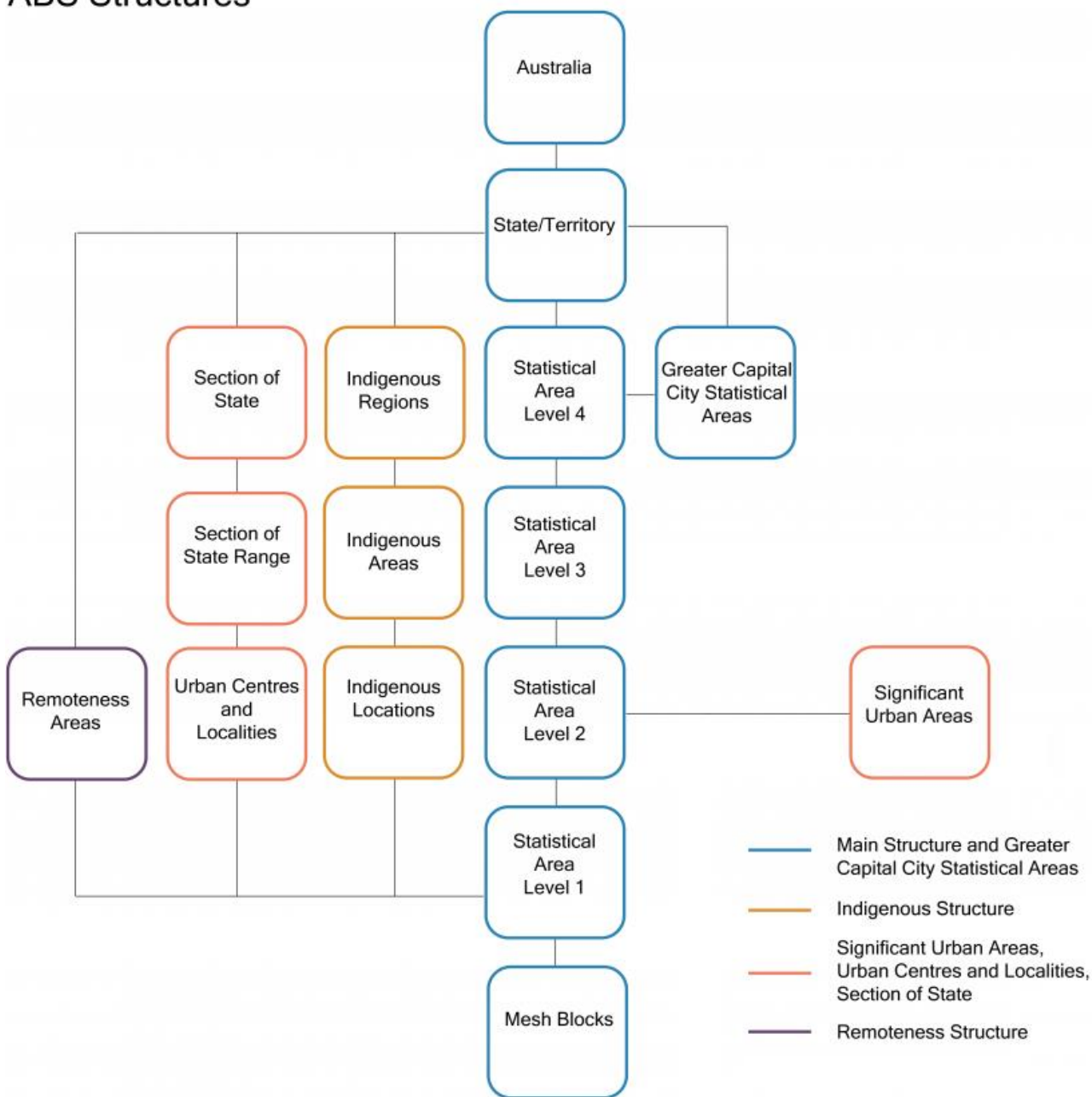
2016 Data Model Page 4:



Appendix B - Data Dictionary

ABS Boundaries provide a basis for the Census collection and dissemination of population data.

Figure 2: 2021 ASGS ABS Structures, extracted from the ABS Geography Website
ABS Structures





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 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. 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.

mb_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
mb_2021_polygon_pid	character string (15)	Unique persistent identifier for the Mesh Block polygon.	Yes	Yes	-	-	MB_21PPID
date_created	date	The date the record is first introduced to the Geoscape product.	No	Yes	-	-	DT_CREATE
mb_2021_pid	character string (15)	Persistent identifier for the Mesh Block feature.	No	Yes	-	-	MB_21PID
mb_2021_code	character string (15)	The Mesh Block code.	No	Yes	-	-	MB_21CODE
mb_category_2021	character string (30)	The category of land use allocated to the Mesh Block.	No	Yes	-	-	MB_CAT
change_flag_2021	character string (1)	A flag indicating whether the Mesh Block is new or has had a code or name	No	Yes	-	-	CHNG_FLAG

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
		change from the 2016 ASGS.					
change_label_2021	character string (11)	A flag indicating whether the Mesh Block is new or has had a code or name change from the 2016 ASGS.	No	Yes	-	-	CHNG_LABEL
sa1_2021_pid	character string (15)	The persistent identifier from the sa1_2021 table.	No	Yes	sa1_2021	sa1_2021_pid	SA1_21PID
sa1_2021_code	character string (11)	The SA1 code.	No	Yes	-	-	SA1_21CODE
sa2_2021_code	character string (9)	The SA2 code.	No	Yes	-	-	SA2_21CODE
sa2_2021_name	character string (50)	The SA2 name.	No	Yes	-	-	SA2_21NAME
sa3_2021_code	character string (5)	The SA3 code.	No	Yes	-	-	SA3_21CODE
sa3_2021_name	character string (50)	The SA3 name.	No	Yes	-	-	SA3_21NAME
sa4_2021_code	character string (3)	The SA4 code.	No	Yes	-	-	SA4_21CODE
sa4_2021_name	character string (50)	The SA4 name.	No	Yes	-	-	SA4_21NAME
gcc_2021_code	character string (5)	The GCCSA code.	No	Yes	-	-	GCC_21CODE
gcc_2021_name	character string (50)	The GCCSA name.	No	Yes	-	-	GCC_21NAME
state_pid	character string (15)	The persistent identifier for the State or Territory.	No	No	-	-	STATE_PID
area_sqm	number (15)	The area in square metres calculated in square kilometres by the	No	Yes	-	-	AREA_SQM



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
		ABS using the Albers projection.					
mb_2021_dwelling_count	number (5)	Count of dwellings within the Mesh Block.	No	No	-	-	MB21_DWELL
mb_2021_pop_count	number (5)	Count of persons usually resident within the Mesh Block.	No	No	-	-	MB21_POP
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration.	No	Yes	-	-	LOC121_URI
geometry	Polygon	Polygon Geometry. Aspatial records are also provided.	No	No	-	-	GEOMETRY

sa1_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
sa1_2021_polygon_pid	character string (15)	Unique persistent identifier for the SA1 polygon.	Yes	Yes	-	-	SA1_21PPID
date_created	date	The date the record is first introduced to the Geoscape product.	No	Yes	-	-	DT_CREATE
sa1_2021_pid	character string (15)	Persistent identifier for the SA1 feature.	No	Yes	-	-	SA1_21PID
sa1_2021_code	character string (11)	The SA1 code.	No	Yes	-	-	SA1_21CODE

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
change_flag_2021	character string (1)	A flag indicating whether the SA1 is new or has had a code or name change from the 2016 ASGS.	No	Yes	-	-	CHNG_FLAG
change_label_2021	character string (11)	A flag indicating whether the SA1 is new or has had a code or name change from the 2016 ASGS.	No	Yes	-	-	CHNG_LABEL
sa2_2021_pid	character string (15)	The persistent identifier from the sa2_2021 table.	No	Yes	sa2_2021	sa2_2021_pid	SA2_21PID
sa2_2021_code	character string (9)	The SA2 code.	No	Yes	-	-	SA2_21CODE
sa2_2021_name	character string (50)	The SA2 name.	No	Yes	-	-	SA2_21NAME
sa3_2021_code	character string (5)	The SA3 code.	No	Yes	-	-	SA3_21CODE
sa3_2021_name	character string (50)	The SA3 name.	No	Yes	-	-	SA3_21NAME
sa4_2021_code	character string (3)	The SA4 code.	No	Yes	-	-	SA4_21CODE
sa4_2021_name	character string (50)	The SA4 name.	No	Yes	-	-	SA4_21NAME
gcc_2021_code	character string (5)	The GCCSA code.	No	Yes	-	-	GCC_21CODE
gcc_2021_name	character string (50)	The GCCSA name.	No	Yes	-	-	GCC_21NAME
state_pid	character string (15)	The persistent identifier for the State or Territory.	No	No	-	-	STATE_PID
area_sqm	number (15)	The area in square metres calculated in square kilometres by the ABS using the Albers	No	Yes	-	-	AREA_SQM

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
		projection. Polygons with the same sa1_2021_code will each be assigned the total area relating to that SA1.					
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration.	No	Yes	-	-	LOCI21_URI
geometry	Polygon	Polygon Geometry. Aspatial records are also provided.	No	No	-	-	GEOMETRY

sa2_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
sa2_2021_polygon_pid	character string (15)	Unique persistent identifier for the SA2 polygon.	Yes	Yes	-	-	SA2_21PPID
date_created	date	The date the record is first introduced to the Geoscape product.	No	Yes	-	-	DT_CREATE
sa2_2021_pid	character string (15)	Persistent identifier for the SA2 feature.	No	Yes	-	-	SA2_21PID
sa2_2021_code	character string (9)	The SA2 code.	No	Yes	-	-	SA2_21CODE
sa2_2021_name	character string (50)	The SA2 name.	No	Yes	-	-	SA2_21NAME
change_flag_2021	character string (1)	A flag indicating whether the SA2 is new or has had a code or name	No	Yes	-	-	CHNG_FLAG

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
		change from the 2016 ASGS.					
change_label_2021	character string (11)	A flag indicating whether the SA2 is new or has had a code or name change from the 2016 ASGS.	No	Yes	-	-	CHNG_LABEL
sa3_2021_pid	character string (15)	The persistent identifier from the sa3_2021 table.	No	Yes	sa3_2021	sa3_2021_pid	SA3_21PID
sa3_2021_code	character string (5)	The SA3 code.	No	Yes	-	-	SA3_21CODE
sa3_2021_name	character string (50)	The SA3 name.	No	Yes	-	-	SA3_21NAME
sa4_2021_code	character string (3)	The SA4 code.	No	Yes	-	-	SA4_21CODE
sa4_2021_name	character string (50)	The SA4 name.	No	Yes	-	-	SA4_21NAME
gcc_2021_code	character string (5)	The GCCSA code.	No	Yes	-	-	GCC_21CODE
gcc_2021_name	character string (50)	The GCCSA name.	No	Yes	-	-	GCC_21NAME
state_pid	character string (15)	The persistent identifier for the State or Territory.	No	No	-	-	STATE_PID
					-	-	AREA_SQM
area_sqm	number (15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection. Polygons with the same sa2_2021_code will each be assigned the total area relating to that SA2.	No	Yes			



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration.	No	Yes	-	-	LOCI21_URI
geometry	Polygon	Polygon Geometry. Aspatial records are also provided.	No	No	-	-	GEOMETRY

sa3_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
sa3_2021_polygon_pid	character string (15)	Unique persistent identifier for the SA3 polygon.	Yes	Yes	-	-	SA3_21PPID
date_created	date	The date the record is first introduced to the Geoscape product.	No	Yes	-	-	DT_CREATE
sa3_2021_pid	character string (15)	Persistent identifier for the SA3 feature.	No	Yes	-	-	SA3_21PID
sa3_2021_code	character string (5)	The SA3 code.	No	Yes	-	-	SA3_21CODE
sa3_2021_name	character string (50)	The SA3 name.	No	Yes	-	-	SA3_21NAME
change_flag_2021	character string (1)	A flag indicating whether the SA3 is new or has had a code or name change from the 2016 ASGS.	No	Yes	-	-	CHNG_FLAG
change_label_2021	character string (11)	A flag indicating whether the SA3 is new or has	No	Yes	-	-	CHNG_LABEL

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
		had a code or name change from the 2016 ASGS.					
sa4_2021_pid	character string (15)	The persistent identifier from the sa4_2021 table.	No	Yes	sa4_2021	sa4_2021_pid	SA4_21PID
sa4_2021_code	character string (3)	The SA4 code.	No	Yes	-	-	SA4_21CODE
sa4_2021_name	character string (50)	The SA4 name.	No	Yes	-	-	SA4_21NAME
gcc_2021_code	character string (5)	The GCCSA code.	No	Yes	-	-	GCC_21CODE
gcc_2021_name	character string (50)	The GCCSA name.	No	Yes	-	-	GCC_21NAME
state_pid	character string (15)	The persistent identifier for the State or Territory.	No	No	-	-	STATE_PID
area_sqm	number (15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection. Polygons with the same sa3_2021_code will each be assigned the total area relating to that SA3.	No	Yes	-	-	AREA_SQM
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration.	No	Yes	-	-	LOCI21_URI
geometry	Polygon	Polygon Geometry. Aspatial records are also provided.	No	No	-	-	GEOMETRY

sa4_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
sa4_2021_polygon_pid	character string (15)	Unique persistent identifier for the SA4 polygon.	Yes	Yes	-	-	SA4_21PPID
date_created	date	The date the record is first introduced to the Geoscape product.	No	Yes	-	-	DT_CREATE
sa4_2021_pid	character string (15)	Persistent identifier for the SA4 feature.	No	Yes	-	-	SA4_21PID
sa4_2021_code	character string (3)	The SA4 code.	No	Yes	-	-	SA4_21CODE
sa4_2021_name	character string (50)	The SA4 name.	No	Yes	-	-	SA4_21NAME
change_flag_2021	character string (1)	A flag indicating whether the SA4 is new or has had a code or name change from the 2016 ASGS.	No	Yes	-	-	CHNG_FLAG
change_label_2021	character string (11)	A flag indicating whether the SA4 is new or has had a code or name change from the 2016 ASGS.	No	Yes	-	-	CHNG_LABEL
gcc_2021_pid	character string (15)	The persistent identifier from the gccsa_2021 table.	No	Yes	gccsa_2021	gcc_2021_pid	GCC_21PID
gcc_2021_code	character string (5)	The GCCSA code.	No	Yes	-	-	GCC_21CODE
gcc_2021_name	character string (50)	The GCCSA name.	No	Yes	-	-	GCC_21NAME



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
state_pid	character string (15)	The persistent identifier for the State or Territory.	No	No	-	-	STATE_PID
area_sqm	number (15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection. Polygons with the same sa4_2021_code will each be assigned the total area relating to that SA4.	No	Yes	-	-	AREA_SQM
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration.	No	Yes	-	-	LOCI21_URI
geometry	Polygon	Polygon Geometry. Aspatial records are also provided.	No	No	-	-	GEOMETRY

gccsa_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
gcc_2021_polygon_pid	character string (15)	Unique persistent identifier for the GCCSA polygon.	Yes	Yes	-	-	GCC_21PPID
date_created	date	The date the record is first introduced to the Geoscape product.	No	Yes	-	-	DT_CREATE
gcc_2021_pid	character string (15)	Persistent identifier for the GCCSA feature.	No	Yes	-	-	GCC_21PID

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
gcc_2021_code	character string (5)	The GCCSA code.	No	Yes	-	-	GCC_21CODE
gcc_2021_name	character string (50)	The GCCSA name.	No	Yes	-	-	GCC_21NAME
change_flag_2021	character string (1)	A flag indicating whether the GCCSA is new or has had a code or name change from the 2016 ASGS.	No	Yes	-	-	CHNG_FLAG
change_label_2021	character string (11)	A flag indicating whether the SA4 is new or has had a code or name change from the 2016 ASGS.	No	Yes	-	-	CHNG_LABEL
state_pid	character string (15)	The persistent identifier for the State or Territory.	No	No	-	-	STATE_PID
area_sqm	number (15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection. Polygons with the same gcc_2021_code will each be assigned the total area relating to that GCCSA.	No	Yes	-	-	AREA_SQM
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration.	No	Yes	-	-	LOCI21_URI
geometry	Polygon	Polygon Geometry. Aspatial records are also provided.	No	No	-	-	GEOMETRY

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

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.

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



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
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
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

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

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

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



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
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

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



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
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
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

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

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
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



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
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

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

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

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
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

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



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
GEOMETRY	polygon	Polygon geometry.	N	Y	-	-	GEOMETRY

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
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

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	Y	Y	-	-	SA4_16PPID



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
		world feature this record represents.					
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

ABS Indigenous Regions, Areas and Locations

The Indigenous Regions, Areas and Locations enable the publication and analysis of statistics for the Aboriginal and Torres Strait Islander population of Australia.

Indigenous Locations (ILOCs) represent small Aboriginal and Torres Strait Islander communities (urban and rural) with a minimum population of about 90 people. Indigenous Areas (IAREs) are medium sized geographical areas designed to facilitate the release of more detailed statistics for Aboriginal and Torres Strait Islander people. Indigenous Regions (IREGs) are large geographical areas loosely based on the former Aboriginal and Torres Strait Islander Commission boundaries.

These statistical areas have been defined to a spatial unit called the Australian Statistical Geography Standard (ASGS) by the ABS. 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.

iloc_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
iloc_2021_polygon_pid	character string (15)	Unique persistent identifier for the ILOC polygon.	Y	Y	-	-	ILO_21PPID
date_created	date	The date the record is first introduced to the Geoscape product.	N	Y	-	-	DT_CREATE
iloc_2021_pid	character string (15)	Persistent identifier for the ILOC feature.	N	Y	-	-	ILOC_21PID
iloc_2021_code	character string (8)	The ILOC code.	N	Y	-	-	ILOC_21COD
iloc_2021_name	character_string (50)	The ILOC name.	N	Y	-	-	ILOC_21NAM
iare_2021_pid	character string (15)	Persistent identifier for the IARE feature.	N	Y	iare_2021	iare_2021_pid	IARE_21PID
iare_2021_code	character string (6)	The IARE code.	N	Y	-	-	IARE_21COD

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
iare_2021_name	character_string (50)	The IARE name.	N	Y	-	-	IARE_21NAM
ireg_2021_pid	character string (15)	Persistent identifier for the IREG feature.	N	Y	ireg_2021	ireg_2021_pid	IREG_21PID
ireg_2021_code	character string (3)	The IREG code.	N	Y	-	-	IREG_21COD
ireg_2021_name	character_string (50)	The IREG name.	N	Y	-	-	IREG_21NAM
state_pid	character string (15)	The persistent identifier for the State or Territory.	N	N	STATE	STATE_PID	STATE_PID
area_sqm	number (15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection. Polygons with the same iloc_2021_code will each be assigned the total area relating to that ILOC.	N	Y	-	-	AREA_SQM
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration.	N	Y	-	-	LOCI21_URI

iare_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
iare_2021_polygon_pid	character string (15)	Unique persistent identifier for the IARE polygon.	Y	Y	-	-	IAR_21PPID
date_created	date	The date the record is first introduced to the Geoscape product.	N	Y	-	-	DT_CREATE
iare_2021_pid	character string (15)	Persistent identifier for the IARE feature.	N	Y	-	-	IARE_21PID

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
iare_2021_code	character string (6)	The IARE code.	N	Y	-	-	IARE_21COD
iare_2021_name	character_string (50)	The IARE name.	N	Y	-	-	IARE_21NAM
ireg_2021_pid	character string (15)	Persistent identifier for the IREG feature.	N	Y	ireg_2021	ireg_2021_pid	IREG_21PID
ireg_2021_code	character string (3)	The IREG code.	N	Y	-	-	IREG_21COD
ireg_2021_name	character_string (50)	The IREG name.	N	Y	-	-	IREG_21NAM
state_pid	character string (15)	The persistent identifier for the State or Territory.	N	N	STATE	STATE_PID	STATE_PID
area_sqm	number (15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection. Polygons with the same iare_2021_code will each be assigned the total area relating to that IARE.	N	Y	-	-	AREA_SQM
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration.	N	Y	-	-	LOCI21_URI

ireg_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
ireg_2021_polygon_pid	character string (15)	Unique persistent identifier for the IREG polygon.	Y	Y	-	-	IRE_21PPID
date_created	date	The date the record is first introduced to the Geoscape product.	N	Y	-	-	DT_CREATE



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
ireg_2021_pid	character string (15)	Persistent identifier for the IREG feature.	N	Y	-	-	IREG_21PID
ireg_2021_code	character string (3)	The IREG code.	N	Y	-	-	IREG_21COD
ireg_2021_name	character_string (50)	The IREG name.	N	Y	-	-	IREG_21NAM
state_pid	character string (15)	The persistent identifier for the State or Territory.	N	N	STATE	STATE_PID	STATE_PID
area_sqm	number (15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection. Polygons with the same ireg_2021_code will each be assigned the total area relating to that IREG.	N	Y	-	-	AREA_SQM
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration.	N	Y	-	-	LOCI21_URI

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
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



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
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

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

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

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



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
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

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

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 Locality - Section of State - Significant Urban Area

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.

These statistical areas have been defined to a spatial unit called the Australian Statistical Geography Standard (ASGS) by the ABS. 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.

UCL_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
ucl_2021_polygon_pid	character string (15)	Unique persistent identifier for the UCL polygon.	Y	Y	-	-	UCL_21PPID
date_created	date	Date this record was created.	N	Y	-	-	DT_CREATE
ucl_2021_pid	character string (15)	Persistent identifier for the UCL feature.	N	Y	-	-	UCL_21PID
ucl_2021_code	character string (6)	The Urban Centre and Locality code.	N	Y	-	-	UCL_21CODE
ucl_2021_name	character string (50)	The Urban Centre and Locality name.	N	Y	-	-	UCL_21NAME
ssr_2021_code	character string (3)	The Section of State Range code.	N	Y	-	-	SSR_21CODE
ssr_2021_name	character string (50)	The Section of State Range name.	N	Y	-	-	SSR_21NAME
sos_2021_code	character string (2)	The Section of State code.	N	Y	-	-	SOS_21CODE
sos_2021_name	character string (50)	The Section of State name.	N	Y	-	-	SOS_21NAME

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
state_pid	character string (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	-	-	AREA_SQKM
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration	N	Yes	-	-	LOCI21_URI
geometry	polygon	Polygon geometry.	N	N	-	-	GEOMETRY

SOSR_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
ssr_2021_polygon_pid	character string (15)	Unique persistent identifier for the SOSR polygon.	Y	Y	-	-	SSR_21PPID
date_created	date	Date this record was created.	N	Y	-	-	DT_CREATE
ssr_2021_pid	character string (15)	Persistent identifier for the SOSR feature.	N	Y	-	-	SSR_21PID
ssr_2021_code	character string (3)	The Section of State Range code.	N	Y	-	-	SSR_21CODE
ssr_2021_name	character string (50)	The Section of State Range name.	N	Y	-	-	SSR_21NAME
sos_2021_code	character string (2)	The Section of State code.	N	Y	-	-	SOS_21CODE
sos_2021_name	character string (50)	The Section of State name.	N	Y	-	-	SOS_21NAME
state_pid	character string (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	-	-	AREA_SQKM



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration	N	Yes	-	-	LOCI21_URI
geometry	polygon	Polygon geometry.	N	N	-	-	GEOMETRY

SOS_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
sos_2021_polygon_pid	character string (15)	Unique persistent identifier for the SOS polygon.	Y	Y	-	-	SOS_21PPID
date_created	date	Date this record was created.	N	Y	-	-	DT_CREATE
sos_2021_pid	character string (15)	Persistent identifier for the SOS feature.	N	Y	-	-	SOS_21PID
sos_2021_code	character string (2)	The Section of State code.	N	Y	-	-	SOS_21CODE
sos_2021_name	character string (50)	The Section of State name.	N	Y	-	-	SOS_21NAME
state_pid	character string (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	-	-	AREA_SQKM
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration	N	Yes	-	-	LOCI21_URI
geometry	polygon	Polygon geometry.	N	N	-	-	GEOMETRY

SUA_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
sua_2021_polygon_pid	character string (15)	Unique persistent identifier for the SUA polygon.	Y	Y	-	-	SUA_21PPID
date_created	date	Date this record was created.	N	Y	-	-	DT_CREATE
sua_2021_pid	character string (15)	Persistent identifier for the SUA feature.	N	Y	-	-	SUA_21PID
sua_2021_code	character string (4)	The Significant Urban Area code.	N	Y	-	-	SUA_21CODE
sua_2021_name	character string (50)	The Significant Urban Area name.	N	Y	-	-	SUA_21NAME
area_sqkm	number (10,3)	The area in square kilometres calculated by the ABS using the Albers projection.	N	N	-	-	AREA_SQKM
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration	N	Yes	-	-	LOCI21_URI
geometry	polygon	Polygon geometry.	N	N	-	-	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.

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

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

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
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

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_RETIRED
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

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

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

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

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
DATE_RETIRED	date	Date this record was retired.	N	N	-	-	DT_RETIRE
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.

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_RETIRE
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 overlaid 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.

These statistical areas have been defined to a spatial unit called the Australian Statistical Geography Standard (ASGS) by the ABS. 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.

REMOTENESS_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
remoteness_2021_polygon_pid	character string (15)	Unique persistent identifier for the Remoteness Areas polygon.	Yes	Yes	-	-	REM_21PPID
date_created	date	The date the record is first introduced to the Geoscape product.	No	Yes	-	-	DT_CREATE
remoteness_2021_pid	character string (15)	Persistent identifier for the Remoteness Areas feature.	No	Yes	-	-	REM_21PID
remoteness_2021_code	character string (2)	The Remoteness Areas code.	No	Yes	-	-	REM_21CODE
remoteness_2021_name	character string (50)	The Remoteness Areas name.	No	Yes	-	-	REM_21NAME
state_pid	character string (15)	The persistent identifier for the State or Territory.	No	Yes	STATE	STATE_PID	STATE_PID
area_sqm	number (15)	The area in square metres calculated in square kilometres by the ABS using the Albers projection. Polygons with the same remoteness_2021_code will each be assigned the total area relating to that Remoteness Area.	No	Yes	-	-	AREA_SQM
asgs_loci_uri_2021	character string (60)	A Uniform Resource Identifier (URI) that can be used in data integration.	No	Yes	-	-	LOCI21_URI

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

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	-	-	REM16_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

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

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 2016 based on Census 2016 data and SEIFA 2021 based on Census 2021.

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

For support and further information about SEIFA, please refer to the ABS website at <http://www.abs.gov.au/geography> or email geography@abs.gov.au.

SEIFA_2021

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
seifa_2021_pid	character string (15)	Unique persistent identifier for the SEIFA feature.	Yes	Yes	-	-	SEIFA21PID
date_created	date	The date the record is first introduced to the Geoscape product.	No	Yes	-	-	DT_CREATE
sa1_2021_pid	character string (15)	Persistent identifier for the SA1 feature.	No	Yes	sa1_2021	sa1_2021_pid	SA1_21PID
population	number (5)	Usual resident population.	No	Yes	-	-	POP
irsad_score	number (5)	Index of Relative Socio-economic Advantage and Disadvantage – Score.	No	No	-	-	IRSAD_SCR
irsad_au_rank	number (5)	Index of Relative Socio-economic Advantage and Disadvantage – Ranking within Australia.	No	No	-	-	IRSAD_A_RK
irsad_au_decile	number (2)	Index of Relative Socio-economic Advantage and Disadvantage – Decile within Australia.	No	No	-	-	IRSAD_A_DC



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
irsad_aus_percent	number (3)	Index of Relative Socio-economic Advantage and Disadvantage – Percentile within Australia.	No	No	-	-	IRSAD_A_PC
irsad_st_rank	number (5)	Index of Relative Socio-economic Advantage and Disadvantage – Ranking within State or Territory.	No	No	-	-	IRSAD_S_RK
irsad_st_decile	number (2)	Index of Relative Socio-economic Advantage and Disadvantage – Decile within State or Territory.	No	No	-	-	IRSAD_S_DC
irsad_st_percent	number (3)	Index of Relative Socio-economic Advantage and Disadvantage – Percentile within State or Territory.	No	No	-	-	IRSAD_S_PC
irsd_score	number (5)	Index of Relative Socio-economic Disadvantage – Score.	No	No	-	-	IRSD_SCR
irsd_aus_rank	number (5)	Index of Relative Socio-economic Disadvantage – Ranking within Australia.	No	No	-	-	IRSD_A_RK
irsd_aus_decile	number (2)	Index of Relative Socio-economic Disadvantage – Decile within Australia.	No	No	-	-	IRSD_A_DC
irsd_aus_percent	number (3)	Index of Relative Socio-economic Disadvantage – Percentile within Australia.	No	No	-	-	IRSD_A_PC
irsd_st_rank	number (5)	Index of Relative Socio-economic Disadvantage – Ranking within State or Territory.	No	No	-	-	IRSD_S_RK
irsd_st_decile	number (2)	Index of Relative Socio-economic Disadvantage – Decile within State or Territory.	No	No	-	-	IRSD_S_DC



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
irsd_st_percent	number (3)	Index of Relative Socio-economic Disadvantage – Percentile within State or Territory.	No	No	-	-	IRSD_S_PC
ier_score	number (5)	Index of Economic Resources – Score.	No	No	-	-	IER_SCR
ier_au_rank	number (5)	Index of Economic Resources – Ranking within Australia.	No	No	-	-	IER_A_RK
ier_au_decile	number (2)	Index of Economic Resources – Decile within Australia.	No	No	-	-	IER_A_DC
ier_au_percent	number (3)	Index of Economic Resources – Percentile within Australia.	No	No	-	-	IER_A_PC
ier_st_rank	number (5)	Index of Economic Resources – Ranking within State or Territory.	No	No	-	-	IER_S_RK
ier_st_decile	number (2)	Index of Economic Resources – Decile within State or Territory.	No	No	-	-	IER_S_DC
ier_st_percent	number (3)	Index of Economic Resources – Percentile within State or Territory.	No	No	-	-	IER_S_PC
ieo_score	number (5)	Index of Education and Occupation – Score.	No	No	-	-	IEO_SCR
ieo_au_rank	number (5)	Index of Education and Occupation – Ranking within Australia.	No	No	-	-	IEO_A_RK
ieo_au_decile	number (2)	Index of Education and Occupation – Decile within Australia.	No	No	-	-	IEO_A_DC
ieo_au_percent	number (3)	Index of Education and Occupation – Percentile within Australia.	No	No	-	-	IEO_A_PC



Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
ieo_st_rank	number (5)	Index of Education and Occupation – Ranking within State or Territory.	No	No	-	-	IEO_S_RK
ieo_st_decile	number (2)	Index of Education and Occupation – Decile within State or Territory.	No	No	-	-	IEO_S_DC
ieo_st_percent	number (3)	Index of Education and Occupation – Percentile within State or Territory.	No	No	-	-	IEO_S_PC

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

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
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
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 –	N	N	-	-	IRSD_S_DC

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
		Decile within State or Territory					
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

Name	Data Type	Description	Prim Key	Man	F K TABLE	F K Col	10 Char Alias
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