



Administrative Boundaries

Data Release Report

August 2019

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Introduction

PSMA's Administrative Boundaries dataset is Australia's most comprehensive national collection of boundaries including government, statistical and electoral boundaries. The dataset contains boundaries in six themes: Australian Bureau of Statistics (ABS) boundaries, electoral boundaries, state and territory boundaries, local government areas, suburbs/localities, and town points. Some of the themes, such as the ABS, include further layers of data to support a wide range of analysis and segmentation activities. For more information, please refer to the Administrative Boundaries Product Description.

Document Purpose

This document provides a description of the issues, changes, features, updates and overarching statistics relating to the applicable data release. This document should be read in conjunction with the relevant Product Description.

Audience

This document is made available to PSMA staff, data contributors, direct clients and end users. It is intended to be used by business managers, data managers and analysts as a guide and reference to understanding the content and variations within a data release.

References

- PSMA Data Product Descriptions (www.pdma.com.au/technical-information)
- PSMA Data Pre-Release Report

Contact

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Overview

- The August 2019 data release of Administrative Boundaries contains updates to Suburbs/Localities, Local Government Areas, State Electoral Boundaries and Wards.
- New Localities have been added for ACT and NSW.
- The Locality of COBBERA in NSW has been inserted.
- The Locality of BOMERA in NSW has been retired and is now covered by the existing locality of TAMBAR SPRINGS
- The Locality of MISTAKE CREEK in QLD has been retired and is now cover by the existing localities of CLERMONT, FRANKFIELD and LAGLAN
- Two Wards named BEWS WARD and KELLY SCALES WARD have been retired in SA.
- Extremely small changes in the Contributor Data for SA have resulted in new PIDs and Date Creates for the Polygon features. These changes will be undetectable in some systems where tolerances do not identify changes less than approximately 0.0000000001m.
- TAS LGA polygon count has been significantly reduced following on from a remapping (generalisation) of the Tasmanian Coastline by the Contributor to a much higher accuracy. The LGA boundaries dataset was the first administrative dataset to be converted to the generalised low water mark (lwm) coastline, hence the reduction in coastal islands. A significant number of vertices have therefore been removed, however the accuracy of the representation of the coastline has improved.
- PSMA has improved the allocation of the LGA_PID (Foreign Key) in the VIC Wards dataset.
- State Electoral Boundaries for the ACT have been updated to include the recent redistribution approved and released in early July. The new boundaries have an effective start date of 11 September 2020 as noted in the data.
- Detailed listings and significant area changes can be found in the Updates and Issues section of this report.
- Summary statistics for each theme can be found at the end of this report.

Updates and Issues

Updates

Localities

Insertions

ID	Name	Size (km ²)
ACT937	WHITLAM	3.3
NSW5143	COBBORA	307.2

Deletions

ID	Name	Size (km ²)
NSW467	BOMERA	339.2
QLD1914	MISTAKE CREEK	2899.6

- Spatial changes (area) greater than 1 km² for Locality boundaries are shown below:

State	LC_PLY_PID	Name	Variation km ² (approx)	Description
NSW	30166	DUNEDOO	-579.2	Decreased in size due to realigning of the boundary with the new locality of COBBORA
NSW	30182	TIRRANNAVILLE	-5.9	Decreased in size due to realigning of the boundary with QUIALIGO
NSW	30171	BOX RIDGE	4.9	Increased in size due to realigning of the boundary with TAMBAR SPRINGS
NSW	30183	QUIALIGO	5.9	Increased in size due to realigning of the boundary with TIRRANNAVILLE
NSW	30167	GOONOO FOREST	19.1	Increased in size due to realigning of the boundary with ELONG ELONG
NSW	30170	PURLEWAUGH	65.0	Increased in size due to realigning of the boundary with TAMBAR SPRINGS
NSW	30168	ELONG ELONG	252.9	Increased in size due to realigning of the boundary with the new locality of COBBORA and GOONOO FOREST
NSW	30169	TAMBAR SPRINGS	269.2	Increased in size due to realigning of the boundary with PURLEWAUGH and the retiring of BOMERA
QLD	69556	ARGYLL	-440.4	Decreased in size due to realigning of the boundary with PEAK VALE
QLD	69617	PEAK VALE	-327.9	Decreased in size due to realigning of the boundary with CLERMONT and ARGYLL
QLD	69570	CARPENTARIA	-16.9	Decreased in size due to realigning of the boundary with NORMANTON and STOKES
QLD	69391	KARRON	-16.2	Decreased in size due to realigning of the boundary with CROYDON
QLD	69524	WILLS	-9.6	Decreased in size due to realigning of the boundary with BOULIA
QLD	69157	BAKERS BEND	-5.8	Decreased in size due to realigning of the boundary with WARD

State	LC_PLY_PID	Name	Variation km ² (approx)	Description
QLD	69251	ILFRACOMBE	-5.5	Decreased in size due to realigning of the boundary with ISISFORD and LONGREACH
QLD	69420	PELICAN CREEK	-5.0	Decreased in size due to realigning of the boundary with SARDINE and IBIS
QLD	69270	DIXIE	-4.2	Decreased in size due to realigning of the boundary with LAURA
QLD	69403	GHINGHINDA	-1.7	Decreased in size due to realigning of the boundary with GWAMBEGWINE, GLENHAUGHTON, COORADA, SPRING CREEK and ISLA
QLD	69410	NORLEY	-1.2	Decreased in size due to realigning of the boundary with DYNEVOR
QLD	69242	DYNEVOR	1.2	Increased in size due to realigning of the boundary with NORLEY
QLD	69435	SARDINE	4.4	Increased in size due to realigning of the boundary with PELICAN CREEK
QLD	69505	LAURA	4.4	Increased in size due to realigning of the boundary with DIXIE
QLD	69599	STOKES	4.6	Increased in size due to realigning of the boundary with CARPENTARIA
QLD	69531	WARD	5.8	Increased in size due to realigning of the boundary with BAKERS BEND
QLD	69248	ISISFORD	6.4	Increased in size due to realigning of the boundary with ILFRACOMBE
QLD	69195	BOULIA	9.6	Increased in size due to realigning of the boundary with WILLS
QLD	69622	NORMANTON	12.3	Increased in size due to realigning of the boundary with CARPENTARIA
QLD	69275	CROYDON	16.2	Increased in size due to realigning of the boundary with KARRON
QLD	69595	FRANKFIELD	90.7	Increased in size due to realigning of the boundary with CLERMONT
QLD	69612	LAGLAN	644.4	Increased in size due to realigning of the boundary with the retired locality of MISTAKE CREEK
QLD	69572	CLERMONT	2932.9	Increased in size due to realigning of the boundary with PEAK VALE and the retired locality of MISTAKE CREEK
SA	26786	WIRREALPA	-174.7	Decreased in size due to realigning of the boundary with MARTINS WELL
SA	26269	CALPERUM STATION	-1.2	Increased in size due to realigning of the boundary with CHOWILLA
SA	25663	CHOWILLA	1.2	Increased in size due to realigning of the boundary with CALPERUM STATION
SA	25606	MARTINS WELL	174.7	Increased in size due to realigning of the boundary with the WIRREALPA
VIC	11188	MURRAY-SUNSET	-2.1	Decreased in size due to realigning of the boundary with NSW
WA	21075	DAMPIER ARCHIPELAGO	-7.7	Decreased in size due to realigning of the boundary with the Coastline
WA	20530	CAMBRIDGE GULF	-1.0	Decreased in size due to realigning of the boundary with WYNDHAM
WA	20528	WYNDHAM	1.0	Increased in size due to realigning of the boundary with CAMBRIDGE GULF

Local Government Areas (LGAs)

- There were no New or Retired LGAs for this Release.
- Other Spatial changes (area) greater than 1 km² for LGA boundaries are shown below:

State	LG_PLY_PID	Name	Variation km ² (approx)	Description
QLD	3732	CENTRAL HIGHLANDS	-1.4	Decreased in size due to realignment of the boundary with WOORABINDA
QLD	3733	CHARTERS TOWERS	-1.3	Decreased in size due to realignment of the boundary with TOWNSVILLE
QLD	3729	TOWNSVILLE	1.3	Increased in size due to realignment of the boundary with CHARTERS TOWERS
QLD	3697	WOORABINDA	1.4	Increased in size due to realignment of the boundary with CENTRAL HIGHLANDS
TAS	9438	KINGBOROUGH	-5.0	Decreased in size due to realignment of the boundary with the coastline
TAS	9306	WEST COAST	-4.8	Decreased in size due to realignment of the boundary with the coastline
TAS	9287	KING ISLAND	-4.2	Decreased in size due to realignment of the boundary with the coastline
TAS	9364	DORSET	-3.1	Decreased in size due to realignment of the boundary with the coastline
TAS	9135	CLARENCE	-3.1	Decreased in size due to realignment of the boundary with the coastline
TAS	9131	HUON VALLEY	-2.7	Decreased in size due to realignment of the boundary with the coastline
TAS	9211	BREAK O'DAY	-2.1	Decreased in size due to realignment of the boundary with the coastline
TAS	9461	TASMAN	2.3	Increased in size due to realignment of the boundary with the coastline
TAS	9231	FLINDERS	3.6	Increased in size due to realignment of the boundary with the coastline
TAS	9528	CIRCULAR HEAD	4.4	Increased in size due to realignment of the boundary with the coastline
VIC	680	MILDURA	-2.1	Decreased in size due to realignment of the boundary with NSW

Wards

- There are no New Wards.

Deletions

ID	Name	Size (km ²)
SA83	KELLY SCALES WARD	2741.5
SA82	BEWS WARD	2968.2

Issues

- Nil

Future Considerations

Distribution of data referencing the GDA 2020 Datum

From the November 2019 quarterly data release, PSMA will add the option to download datasets referencing the new national GDA2020 Datum. Those users that access data directly from the PSMA Distribution Portal will be able to access the datasets referenced to both the GDA2020 and the GDA94 datums. The default datum will be GDA94, however the option to choose GDA2020 will be available.

- Any data that is downloaded using the GDA2020 Datum will be packaged to be easily identified as such, so as not to be confused with the GDA94 format. Specifically spatial tables will include a “_gda2020” suffix. Please refer to diagrams below for expected changes to the Distribution Portal.

Obtain PSMA Data - Request

Format: Datum:

Profile	Compressed Size (MB)	Request Now	Layers For Profile/ Format
ACT	101.3	Request	Cadastre (MAY 2019) Property (MAY 2019)
ACT Buffer	263.5	Request	Cadastre (MAY 2019)
ACT Emergency Services Custom Spatial - NSW	160.5	Request	Cadastre (MAY 2019)
ARC Project Carlton Area	0.3	Request	Cadastre (MAY 2019)
Brisbane CBD	79.5	Request	Cadastre (MAY 2019) Property (MAY 2019)
Eyre Peninsula Area	4.1	Request	Cadastre (MAY 2019)
Infrastructure for Managing Land Information Project	1.1	Request	Cadastre (MAY 2019)
Mildura Area NSW			

Add a new dropdown for user to select Datum (default GDA 1994)

GDA1994 downloads looks the same as they currently do

GDA2020 downloads have _gda2020 added to the filenames of spatial tables

If you would like further information on the upgrade in Australia to the GDA2020 Datum, the Intergovernmental Committee on Surveying & Mapping (ICSM) have prepared a number of references to help, see <https://www.icsm.gov.au/gda2020>

Summary Statistics

- Counts representing the number of records in each table are listed below, including the change since the previous Release.

Suburbs/Localities

Jurisdiction	Table	Previous Release	Previous Count	Current Count	Change (%)
ACT	LOCALITY	May-19	138	139	0.72
ACT	LOCALITY_POLYGON	May-19	138	139	0.72
NSW	LOCALITY	May-19	4573	4573	0.00
NSW	LOCALITY_POLYGON	May-19	4592	4592	0.00
NT	LOCALITY	May-19	306	306	0.00
NT	LOCALITY_POLYGON	May-19	312	312	0.00
OT	LOCALITY	May-19	5	5	0.00
OT	LOCALITY_POLYGON	May-19	6	6	0.00
QLD	LOCALITY	May-19	3272	3271	-0.03
QLD	LOCALITY_POLYGON	May-19	3325	3324	-0.03
SA	LOCALITY	May-19	2426	2426	0.00
SA	LOCALITY_POLYGON	May-19	2456	2457	0.04
TAS	LOCALITY	May-19	775	775	0.00
TAS	LOCALITY_POLYGON	May-19	781	781	0.00
VIC	LOCALITY	May-19	2973	2973	0.00
VIC	LOCALITY_POLYGON	May-19	2973	2973	0.00
WA	LOCALITY	May-19	1700	1700	0.00
WA	LOCALITY_POLYGON	May-19	1736	1737	0.06

Local Government Areas

Jurisdiction	Table	Previous Release	Previous Count	Current Count	Change (%)
NSW	LGA	May-19	130	130	0.00
NSW	LGA_LOCALITY	May-19	5005	5006	0.02
NSW	LGA_POLYGON	May-19	197	198	0.51
NT	LGA	May-19	25	25	0.00
NT	LGA_LOCALITY	May-19	317	317	0.00
NT	LGA_POLYGON	May-19	812	812	0.00
QLD	LGA	May-19	78	78	0.00
QLD	LGA_LOCALITY	May-19	3358	3358	0.00
QLD	LGA_POLYGON	May-19	209	209	0.00
SA	LGA	May-19	74	74	0.00
SA	LGA_LOCALITY	May-19	2071	2071	0.00
SA	LGA_POLYGON	May-19	167	167	0.00

Jurisdiction	Table	Previous Release	Previous Count	Current Count	Change (%)
TAS	LGA	May-19	29	29	0.00
TAS	LGA_LOCALITY	May-19	886	886	0.00
TAS	LGA_POLYGON	May-19	4357	536	-87.70
VIC	LGA	May-19	87	87	0.00
VIC	LGA_LOCALITY	May-19	3337	3337	0.00
VIC	LGA_POLYGON	May-19	92	92	0.00
WA	LGA	May-19	137	137	0.00
WA	LGA_LOCALITY	May-19	1741	1741	0.17
WA	LGA_POLYGON	May-19	165	165	0.00

Wards

Jurisdiction	Table	Previous Release	Previous Count	Current Count	Change (%)
NT	WARD	May-19	49	49	0.00
NT	WARD_POLYGON	May-19	830	830	0.00
SA	WARD	May-19	144	142	-1.39
SA	WARD_POLYGON	May-19	153	151	-1.31
VIC	WARD	May-19	263	264	0.38
VIC	WARD_POLYGON	May-19	267	267	0.00
WA	WARD	May-19	196	196	0.00
WA	WARD_POLYGON	May-19	226	230	1.77