



# G-NAF

## Data Release Report

November 2019

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# Introduction

G-NAF (Geocoded National Address File) is the authoritative physical address index for Australia. It contains the state, suburb, street, number and coordinate reference or geocode for street addresses in Australia.

G-NAF uses existing and recognised address sources (referred to as contributors) including the state and territory government land records, as well as address data from the commonwealth government and other national sources. For more information please refer to the G-NAF Product Description.

## Document Purpose

This document provides a description of the key issues encountered and production changes applied during the assembly of this update. In addition, overarching release statistics and general change volumes are also included. This document should be read in conjunction with the accompanying G-NAF 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.psm.com.au/technical-information](http://www.psm.com.au/technical-information))
- PSMA Data Pre-Release Report

## Contact

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# Overview

- Nationally, this update of G-NAF shows an increase of 60,525 addresses overall which equates to an increase of 0.41%. The total number of addresses in G-NAF now stands at 14,778,743 of which 14,028,933 or 94.93% are principal.
- The confidence level distribution nationally for the November release has the confidence 2 addresses increasing by 51,330 from the August 2019 release with the percentage of confidence 2 addresses increasing slightly from 67.16% to 67.18% of principal addresses. Confidence 1 addresses have increased 12,314 and represent 14.73% (up 0.02%) while confidence 0 addresses have fallen 1,302 and represent 18.09% (down 0.08%) of addresses.
- With respect to address reliability, there was an increase of 71,468 address level, a decrease of 5,528 in street locality addresses and a decrease of 994 in locality level addresses. The reliability of principal addresses in G-NAF is now made up of 96.93% address level, an increase of 0.06% since the August 2019 release, 3.01% street locality addresses and 0.06% locality addresses.

## Updates

- There has been a number of data improvement and remediation activities undertaken for the November 2019 release. These include:
  - Ongoing validation and removal of sensitive information in the `building_name`, `address_site_name` and `geocode_site_name` attributes.
  - Targeted address improvements / corrections as required.
- See the Updates section in this report for details.

## Issues

- Following the August 2019 Release, it was discovered that there was an anomaly in the Locality only address reduction process whereby the addresses retired in the May 2019 release were re-instated as "new" locality only addresses in August 2019. This has now been corrected and these addresses will continue to be treated as historic locality only addresses by the locality only reduction process.
- Approximately 1200 addresses in Western Australia that had been retired several years ago, as they were no longer supplied by any of the contributors, were inadvertently reinstated in the November 2019 update.
- It has been discovered that there are some active addresses in G-NAF that have been superseded by new subdivision developments and their respective new addresses.
- In the November 2019 release there were some 220,000 alias addresses that had their `legal_parcel_id` removed. Further investigations are required to identify the reason for the removal of the `legal_parcel_ids` associated with these alias addresses.
- See the Issues section in this report for details.

# Updates and Issues

## Updates

There are no specific updates to report on for the November 2019 Release.

## Issues

### Locality only Address Reduction

An anomaly was identified in the locality only geocodes process whereby the "historic" locality only addresses retired in the May 2019 release were re-instated as "new" locality only addresses in August 2019 with a refreshed date\_created attribute. The anomaly has now been corrected for the November 2019 Release and all subsequent releases, these addresses will be treated as historic locality only addresses by the locality only reduction process despite having gained a refreshed date\_created attribute.

### Reinstatement of Retired addresses in WA

Approximately 1200 addresses in Western Australia that had been retired several years ago, as they were no longer supplied by any of the contributors, were inadvertently reinstated in the November 2019 update. All these addresses which are primarily in rural areas have newly minted address\_detail\_pids. They all have a level\_geocoded\_code of 5 (i.e. no street locality geocode as there is corresponding road within the PSMA Roads dataset). These addresses will be retired in the February 2020 update. A table of the localities in which these addresses can be found is provided below.

AJANA	KOOKYNIE	MENZIES	SHERLOCK
BADGINGARRA	KORRELOCKING	MOUNT BARKER	SIR SAMUEL
BOLGART	KUKERIN	MOUNT PALMER	SOUTH BOULDER
BOODAROCKIN	KULJA	MULLINGAR	TARDUN
BRUCE ROCK	LAGRANGE	NUNGARIN	WARRACHUPPIN
BULLABULLING	LAKE KING	PANTAPIN	WILUNA
BULLFINCH	LAVERTON	PEAK HILL	WYNDHAM
CARRABIN	LEINSTER	PIESSEVILLE	YALGOO
GIBSON	LEONORA	REEDY	YELBENI
KENWICK	MARBLE BAR	ROEBUCK	

## Superseded Addresses with Retained Geocodes

It has been discovered that there are some addresses in G-NAF that have been superseded by new subdivision developments and their respective new addresses. This may in part be the result of a timing issue where not all contributors have removed the old addresses at the same time. While the superseded addresses do show reduced contribution, they are still retaining their geocode and alignment with a previous subdivision and are clearly erroneous, the image below in Red Hill, ACT, shows an example of the issue.

Where addresses have been identified as being superseded but still have an active contribution, it is PSMA's intention in future releases to retire these addresses, i.e. set them to confidence = -1.



Figure 1 - Superseded addresses shown highlighted

## Addition / Removal of Legal\_Parcel\_Ids associated with Alias Addresses

In the November 2019 release, some 100,000 alias addresses previously with no legal\_parcel\_ids in Victoria were allocated one. In NSW, Queensland and Western Australia legal\_parcel\_ids were also removed from some 220,000 alias addresses. Further investigations are required to identify the reason for the removal of the legal\_parcel\_ids associated with these alias addresses.

# Summary Statistics

Note: The statistics below do not include "retired" addresses (i.e. Confidence = -1)

## Geocode Reliability of Principal Addresses Only

Reliability	No of Addresses	Percentage	Change since Aug 2019
1 (GPS derived address level)	0	0.00%	0
2 (Within address site boundary)	13,451,302	95.88%	70806
3 (gap geocoded)	147,376	1.05%	662
4 (street level)	422,331	3.01%	-5528
5 (locality level)	7,924	0.06%	-994
6 (topo level)	0	0.00%	0
No geocode	0	0.00%	0
<b>Total</b>	<b>14,028,933</b>	<b>100.00%</b>	<b>64,946</b>

## Address Confidence Levels of Principal Addresses Only

Confidence level	No of Addresses	Percentage	Change since Aug 2019
Addresses with a Confidence of 0	2,538,327	18.09%	1,302
Addresses with a Confidence of 1	2,066,217	14.73%	12,314
Addresses with a Confidence of 2	9,424,389	67.18%	51,330
<b>Total</b>	<b>14,028,933</b>	<b>100.00%</b>	<b>64,946</b>

## Geocode Reliability of Addresses (Principals and Aliases)

Reliability	No of Addresses	Percentage	Change since Aug 2019
1 (GPS derived address level)	0	0.00%	0
2 (Within address site boundary)	14,197,925	96.07%	66,344
3 (gap geocoded)	148,587	1.01%	720
4 (street level)	424,305	2.87%	-5,545
5 (locality level)	7,926	0.05%	-994
6 (topo level)	0	0.00%	0
No geocode	0	0.00%	0
<b>Total</b>	<b>14,778,743</b>	<b>100.00%</b>	<b>60,525</b>



### Address Confidence Levels of Addresses (Principals and Aliases)

Confidence level	No of Addresses	Percentage	Change since Aug 2019
Addresses with a Confidence of 0	3,064,498	20.74%	1,187
Addresses with a Confidence of 1	2,282,010	15.44%	10,916
Addresses with a Confidence of 2	9,432,235	63.82%	48,422
<b>Total</b>	<b>14,778,743</b>	<b>100.00%</b>	<b>60,525</b>

# Future Considerations

## Further improvements based on additional address contributions

PSMA will continue to implement further improvements to G-NAF based on additional address contributions from reliable sources. The improvement will be documented at the time of the release where changes are made based on the additional address contributions.

## Data Formats – GDA2020

- From the November 2019 quarterly data release, PSMA will be adding the option to download datasets in the new GDA2020 datum. A **conformal** transformation has been applied on extract for each dataset.
- All data selection screens will default to GDA94, however the option to choose GDA2020 will also be available. A new Datum selection list has been added to allow users to select the preferred download.
- Any downloaded dataset referencing the GDA2020 will be packaged using a different primary folder name so as not to be confused with the GDA94 referenced data. Please refer to the diagram and explanation below for expected changes.

Obtain PSMA Data - Request

CadLite  
MAY 2019  
Australia's 10.4 million land parcels including suburb names

Format: ESRI Shapefile or DBF file Datum: GDA 1994

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			

Actions: Request All, Go back

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

### Note:

When users download data in GDA2020 format, the name of the zip folder and the root folder once extracted will include a reference to GDA2020. Zip and root folder names downloaded referencing GDA94, will not contain the datum name [they remain the same as in previous releases].

For example, the zip and root folder for ACT CadLite downloaded in GDA2020 will look like this:

**NOV19\_CadLite\_ACT\_ESRIShapefileorDBFfile\_GDA2020\_20191106145711**

And the zip and root folder for ACT CadLite downloaded in GDA94 will look like this:

**NOV19\_CadLite\_ACT\_ESRIShapefileorDBFfile\_20191106145711**

Irrespective of the datum chosen, files within the respective folder will use **exactly the same naming structure** [i.e. file names will be the same across both datums].

The objective of applying the update in this way is to minimise any scripting changes required to utilise GDA2020 data.

The *contents.txt* file which accompanies each zip file download will also contain the name of the selected datum.

For example, ACT CadLite data downloaded as a shapefile in GDA2020 will have a contents.txt like this:

Contents

-----  
 Dataset: CadLite  
 Release: NOVEMBER 2019  
 Extract Type: Full  
 Datum: GDA 2020  
 System ID: 12546538  
 Created On: 2019.11.06 at 02:57:12 PM

Contents:

- CadLite/Cadastre NOVEMBER 2019/Authority\_Code/Authority\_Code\_PARCEL\_STATUS\_AUT\_shp.dbf
- CadLite/Cadastre NOVEMBER 2019/Authority\_Code/Authority\_Code\_PARCEL\_TYPE\_AUT\_shp.dbf
- CadLite/Cadastre NOVEMBER 2019/Standard/ACT\_CAD\_POINT\_shp.dbf
- CadLite/Cadastre NOVEMBER 2019/Standard/ACT\_CAD\_POINT\_shp.prj
- CadLite/Cadastre NOVEMBER 2019/Standard/ACT\_CAD\_POINT\_shp.shp
- CadLite/Cadastre NOVEMBER 2019/Standard/ACT\_CAD\_POINT\_shp.shx
- CadLite/Cadastre NOVEMBER 2019/Standard/ACT\_CAD\_POLYGON\_shp.dbf
- CadLite/Cadastre NOVEMBER 2019/Standard/ACT\_CAD\_POLYGON\_shp.prj
- CadLite/Cadastre NOVEMBER 2019/Standard/ACT\_CAD\_POLYGON\_shp.shp
- CadLite/Cadastre NOVEMBER 2019/Standard/ACT\_CAD\_POLYGON\_shp.shx
- CadLite/Cadastre NOVEMBER 2019/Standard/ACT\_CAD\_shp.dbf
- CadLite/Documents/CadLite Product Description.pdf
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_CAD\_shp.dbf
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_POLYGON\_shp.dbf
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_POLYGON\_shp.prj
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_POLYGON\_shp.shp
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_POLYGON\_shp.shx
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_shp.dbf

And ACT CadLite data downloaded as a shapefile in GDA94 will have a contents.txt like this:

Contents

-----

Dataset: CadLite

Release: NOVEMBER 2019

Extract Type: Full

Datum: GDA 1994

System ID: 12590614

Created On: 2019.11.08 at 03:37:59 PM

Contents:

- CadLite/Cadastral NOVEMBER 2019/Authority Code/Authority\_Code\_PARCEL\_STATUS\_AUT\_shp.dbf
- CadLite/Cadastral NOVEMBER 2019/Authority Code/Authority\_Code\_PARCEL\_TYPE\_AUT\_shp.dbf
- CadLite/Cadastral NOVEMBER 2019/Standard/ACT\_CAD\_POINT\_shp.dbf
- CadLite/Cadastral NOVEMBER 2019/Standard/ACT\_CAD\_POINT\_shp.prj
- CadLite/Cadastral NOVEMBER 2019/Standard/ACT\_CAD\_POINT\_shp.shp
- CadLite/Cadastral NOVEMBER 2019/Standard/ACT\_CAD\_POINT\_shp.shx
- CadLite/Cadastral NOVEMBER 2019/Standard/ACT\_CAD\_POLYGON\_shp.dbf
- CadLite/Cadastral NOVEMBER 2019/Standard/ACT\_CAD\_POLYGON\_shp.prj
- CadLite/Cadastral NOVEMBER 2019/Standard/ACT\_CAD\_POLYGON\_shp.shp
- CadLite/Cadastral NOVEMBER 2019/Standard/ACT\_CAD\_POLYGON\_shp.shx
- CadLite/Cadastral NOVEMBER 2019/Standard/ACT\_CAD\_shp.dbf
- CadLite/Documents/CadLite Product Description.pdf
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_CAD\_shp.dbf
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_POLYGON\_shp.dbf
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_POLYGON\_shp.prj
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_POLYGON\_shp.shp
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_POLYGON\_shp.shx
- CadLite/Property NOVEMBER 2019/Standard/ACT\_PROPERTY\_shp.dbf

# Annex A – Detailed Statistics by Jurisdiction

The following tables show the changes that occur to principal only addresses between the new release (November 2019) and previous release (August 2019) for each jurisdiction. The table shows information on the change in the two far right columns, one shows the count difference between two releases (No of Addresses ) and the other the percentage of change based on the total of all principal addresses only for the jurisdiction (Address %). As such, these two columns are not directly related to each other, but show the improvements that generally occur to addresses with increased confidence and reliability levels over time. The statistics below do not include "retired" addresses (i.e. Confidence = -1).

## Victoria

Address Summary - Vic	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
November 2019	3,763,933	3,573,571	25.47%
August 2019	3,743,834	3,555,489	25.46%
Change	20,099	18,082	0.01%
Change %	0.54%	0.51%	

Confidence - Vic	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses with a Confidence of 2	2,502,213	70.02%	2,487,800	69.97%	14,413	0.05%
Addresses with a Confidence of 1	544,189	15.23%	536,821	15.10%	7,368	0.13%
Addresses with a Confidence of 0	527,169	14.75%	530,868	14.93%	-3,699	-0.18%

Level Geocoded - Vic	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses geocoded to Property level	3,526,601	98.69%	3,507,774	98.66%	18,827	0.03%
Addresses geocoded to Street level	45,792	1.28%	46,529	1.31%	-737	-0.03%
Addresses geocoded to Locality level	1,178	0.03%	1,186	0.03%	-8	0.00%

## New South Wales

Address Summary - NSW	All Addresses		Principal Addresses	
	No of Addresses		No of Addresses	% National Total
November 2019	4,608,710		4,351,810	31.02%
August 2019	4,588,948		4,324,469	30.97%
Change	19,762		27,341	0.05%
Change %	0.43%		0.63%	

Confidence - NSW	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses with a Confidence of 2	2,869,438	65.94%	2,852,050	65.95%	17,388	-0.01%
Addresses with a Confidence of 1	682,815	15.69%	678,190	15.68%	4,625	0.01%
Addresses with a Confidence of 0	799,557	18.37%	794,229	18.37%	5,328	0.01%

Level Geocoded - NSW	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses geocoded to Property level	4,183,797	96.14%	4,155,843	96.10%	27,954	0.04%
Addresses geocoded to Street level	165,631	3.81%	166,029	3.84%	-398	-0.03%
Addresses geocoded to Locality level	2,382	0.05%	2,597	0.06%	-215	-0.01%

## South Australia

Address Summary - SA	All Addresses		Principal Addresses	
	No of Addresses		No of Addresses	% National Total
November 2019	1,108,035		1,073,295	7.65%
August 2019	1,106,182		1,071,543	7.67%
Change	1,853		1,752	-0.02%
Change %	0.17%		0.16%	

Confidence - SA	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses with a Confidence of 2	708,046	65.97%	703,283	65.63%	4,763	0.34%
Addresses with a Confidence of 1	134,168	12.50%	135,667	12.66%	-1,499	-0.16%
Addresses with a Confidence of 0	231,081	21.53%	232,593	21.71%	-1,512	-0.18%

Level Geocoded - SA	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses geocoded to Property level	1,041,171	97.01%	1,038,893	96.95%	2,278	0.05%
Addresses geocoded to Street level	31,718	2.96%	31,879	2.98%	-161	-0.02%
Addresses geocoded to Locality level	406	0.04%	771	0.07%	-365	-0.03%

## Tasmania

Address Summary - Tas	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
November 2019	339,686	331,747	2.36%
August 2019	338,131	330,165	2.36%
Change	1,555	1,582	0.00%
Change %	0.46%	0.48%	

Confidence - Tas	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses with a Confidence of 2	231,864	69.89%	230,743	69.89%	1,121	0.00%
Addresses with a Confidence of 1	43,968	13.25%	43,858	13.28%	110	-0.03%
Addresses with a Confidence of 0	55,915	16.85%	55,564	16.83%	351	0.03%

Level Geocoded - Tas	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses geocoded to Property level	315,588	95.13%	313,836	95.05%	1,752	0.07%
Addresses geocoded to Street level	15,914	4.80%	16,073	4.87%	-159	-0.07%
Addresses geocoded to Locality level	245	0.07%	256	0.08%	-11	0.00%

## Western Australia

Address Summary - WA	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
November 2019	1,507,918	1,448,409	10.32%
August 2019	1,502,715	1,443,200	10.34%
Change	5,203	5,209	-0.01%
Change %	0.35%	0.36%	

Confidence - WA	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses with a Confidence of 2	1,040,980	71.87%	1,036,072	71.79%	4,908	0.08%
Addresses with a Confidence of 1	169,010	11.67%	170,198	11.79%	-1,188	-0.12%
Addresses with a Confidence of 0	238,419	16.46%	236,930	16.42%	1,489	0.04%

Level Geocoded - WA	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses geocoded to Property level	1,406,609	97.11%	1,401,020	97.08%	5,589	0.04%
Addresses geocoded to Street level	41,205	2.84%	41,595	2.88%	-390	-0.04%
Addresses geocoded to Locality level	595	0.04%	585	0.04%	10	0.00%

## ACT

Address Summary - ACT	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
November 2019	225,023	220,569	1.57%
August 2019	223,779	219,282	1.57%
Change	1,244	1,287	0.00%
Change %	0.56%	0.59%	

Confidence - ACT	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses with a Confidence of 2	175,525	79.58%	175,581	80.07%	-56	-0.49%
Addresses with a Confidence of 1	15,909	7.21%	15,754	7.18%	155	0.03%
Addresses with a Confidence of 0	29,135	13.21%	27,947	12.74%	1,188	0.46%

Level Geocoded - ACT	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses geocoded to Property level	219,174	99.37%	217,858	99.35%	1,316	0.02%
Addresses geocoded to Street level	1,395	0.63%	1,424	0.65%	-29	-0.02%
Addresses geocoded to Locality level	0	0.00%	0	0.00%	0	0.00%

## Queensland

Address Summary - QLD	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
November 2019	3,111,888	2,919,156	20.81%
August 2019	3,101,211	2,909,594	20.84%
Change	10,677	9,562	-0.03%
Change %	0.34%	0.33%	

Confidence - QLD	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses with a Confidence of 2	1,837,056	62.93%	1,828,538	62.85%	8,518	0.09%
Addresses with a Confidence of 1	449,266	15.39%	446,481	15.35%	2,785	0.05%
Addresses with a Confidence of 0	632,834	21.68%	634,575	21.81%	-1,741	-0.13%

Level Geocoded - QLD	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses geocoded to Property level	2,801,737	95.98%	2,788,070	95.82%	13,667	0.15%
Addresses geocoded to Street level	114,865	3.93%	118,548	4.07%	-3,683	-0.14%
Addresses geocoded to Locality level	2,554	0.09%	2,976	0.10%	-422	-0.01%



## Northern Territory

Address Summary - NT	All Addresses		Principal Addresses	
	No of Addresses		% National Total	
November 2019	110,427		107,292 0.76%	
August 2019	110,295		107,161 0.77%	
Change	132		131 0.00%	
Change %	0.12%		0.12%	

Confidence - NT	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses with a Confidence of 2	58,822	54.82%	58,547	54.63%	275	0.19%
Addresses with a Confidence of 1	25,277	23.56%	25,319	23.63%	-42	-0.07%
Addresses with a Confidence of 0	23,193	21.62%	23,295	21.74%	-102	-0.12%

Level Geocoded - NT	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses geocoded to Property level	101,322	94.44%	101,237	94.47%	85	-0.04%
Addresses geocoded to Street level	5,506	5.13%	5,477	5.11%	29	0.02%
Addresses geocoded to Locality level	464	0.43%	447	0.42%	17	0.02%

## Other Territories

Address Summary - OT	All Addresses		Principal Addresses	
	No of Addresses		% National Total	
November 2019	3,123		3,084 0.02%	
August 2019	3,123		3,084 0.02%	
Change	0		0 0.00%	
Change %	0.00%		0.00%	

Confidence - OT	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses with a Confidence of 2	445	14.43%	445	14.43%	0	0.00%
Addresses with a Confidence of 1	1,615	52.37%	1,615	52.37%	0	0.00%
Addresses with a Confidence of 0	1,024	33.20%	1,024	33.20%	0	0.00%

Level Geocoded - OT	November 2019		August 2019		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Addresses geocoded to Property level	2,679	86.87%	2,679	86.87%	0	0.00%
Addresses geocoded to Street level	305	9.89%	305	9.89%	0	0.00%
Addresses geocoded to Locality level	100	3.24%	100	3.24%	0	0.00%