

G-NAF

Data Release Report

August 2025

Geoscape

17 August 2025

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Introduction

G-NAF (Geocoded National Address File) is the trusted 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.

1.1 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.

1.2 Audience

This document is made available to Geoscape 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.

1.3 References

- G-NAF Product Description (geoscape.com.au/documentation/)
- Geoscape Data (geoscape.com.au/data/g-naf/)
 - Geoscape Locality: August 2025
 - Geoscape Roads: June 2025
 - Geoscape Cadastre: June 2025
 - Geoscape Property: June 2025

1.4 Contact

Geoscape Australia Support

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Overview

- Nationally, the August 2025 update of G-NAF shows an overall increase of 40,716 addresses (0.30%). The total number of addresses in G-NAF now stands at 15,794,643 of which 14,950,491 or 94.66% are principal.
- The confidence level distribution nationally for the August 2025 release has the confidence 2 addresses increasing by 28,217 from the May 2025 release with the total percentage of confidence 2 addresses remaining the same at 69.22% of principal addresses. The number of confidence 1 addresses has increased by 4,999 and represent 14.28% of all principal addresses, while confidence 0 addresses have increased by 7,505 and represent 16.50% of addresses.
- With respect to address reliability, there was an increase of 41,295 address-level, a decrease of 571 in street locality addresses and a decrease of 3 in locality-level addresses. The reliability of principal addresses in G-NAF is now made up of 98.08% address-level, 1.89% street locality addresses and 0.03% locality-level addresses.

2.1 Release Summary

2.1.1 Update summary

- ACT flat address updates.
- Building name updates for address separation.
- Tasmania Street Locality address updates.
- New Localities in G-NAF.
- For details on these updates, refer to the 'Change Notification' section in this report.

2.1.2 Issues summary

- Impact of Cadastral shifts in Victoria.
- For more information refer to the 'Issues' section on these issues.

2.1.3 Future Considerations

- Details of these changes can be found under the 'Future Considerations' section of this report.

Change Notification

3.1 Enhancements

3.1.1 ACT flat-numbered address updates

In the ACT, there have been minor updates to the address parsing of flat-numbered addresses aimed at:

- improving the address representation of flat-numbered addresses,
- improving address coverage, and
- improving address alignment between contributors.

This change affects approximately 4,000 addresses.

3.1.2 Building name updates for address separation

A small number of additional address sites have implemented the use of the BUILDING_NAME attribute as part of the merge criteria to improve address coverage for flat-numbered addresses in NSW and QLD. These changes have resulted in the creation of approximately 400 addresses in NSW and 120 in QLD.

3.1.3 Tasmania Street-Locality Updates

A focus has been applied to Tasmanian street-locality addresses in an effort to reduce the number of these addresses. For the August 2025 release, there is a reduction of some 900 street-locality addresses in Tasmania.

3.1.4 New Localities in G-NAF

There are no new localities in G-NAF for the August 2025 release of G-NAF.

3.2 Notification of Change

None to report

Issues

4.1 New Issues

Nothing to report.

4.2 Resolved Issues

Nothing to report.

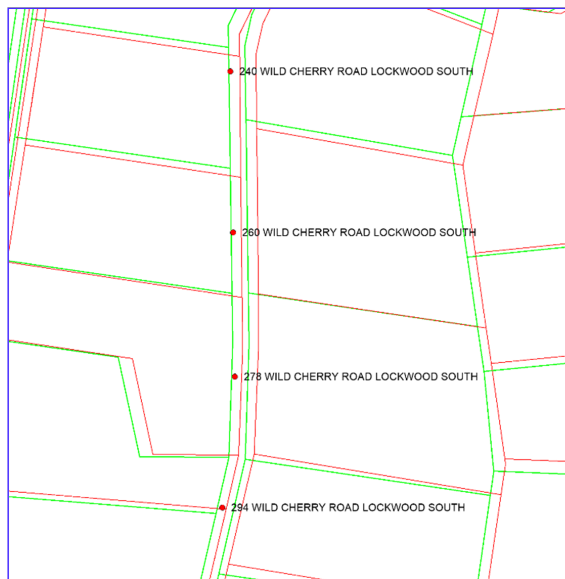
4.3 Ongoing Issues

4.3.1 Impact of Cadastral shifts in Victoria

As noted in the November 2022 G-NAF Release Report, the upgrades to the cadastral and property boundaries in Victoria are ongoing and these changes may to affect address geocodes that are relocated more than 1m from their previous geocode as a result of the boundary upgrades.

It should be noted that while the bulk of the changes expected have now been applied to the Geoscape Cadastre and Property, updates are expected to continue in more localised areas to address anomalies that remain after the bulk updates.

As noted previously, some anomalies as a result of these changes remain, for example, in a small number of cases the address geocode has not been moved by the jurisdiction resulting in the address geocode being located in the road casement, as shown below, and it is not known at this time when these geocodes will be moved by the jurisdiction back within the parcel boundaries.



Green cadastre is the spatially adjusted cadastre

Red cadastre is the cadastre before adjustment

As can be seen these addresses are now located within the road casement as a result of the 12 metre shift which occurred along this road.

4.3.2 Other ongoing changes

- Identifying and creating principal–alias address relationships including address de-duplication.
- Ongoing validation and removal of sensitive information in the building_name, address_site_name and geocode_site_name attributes.
- Targeted address improvements and corrections as required.

Future Considerations

This section outlines enhancements under consideration, but not planned into a specific release. For further details on these please contact Support.

5.1 Further improvements

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

Summary Statistics

Note

The statistics below do not include “retired” addresses (i.e. Confidence =-1)

Table 1: Geocode Reliability of Principal Addresses Only

Reliability	No of Addresses	Percentage	Change since May25
1 (GPS derived address level)		0.00%	
2 (Within address site boundary)	14,550,728	97.33%	41,931
3 (gap geocoded)	112,639	0.75%	-636
4 (street level)	282,645	1.89%	-571
5 (locality level)	4,479	0.03%	-3
6 (topo level)		0.00%	
No geocode		0.00%	
Total	14,950,491	100.00%	40,721

Table 2: Address Confidence Levels of Principal Addresses Only

Confidence level	No of Addresses	Percentage	Change since May25
Addresses Confidence of 0	2,466,953	16.50%	7,505
Addresses Confidence of 1	2,134,765	14.28%	4,999
Addresses Confidence of 2	10,348,773	69.22%	28,217
Total	14,950,491	100.00%	40,721

Table 3: Geocode Reliability of Addresses (Principals and Aliases)

Reliability	No of Addresses	Percentage	Change since May25
1 (GPS derived address level)		0.00%	
2 (Within address site boundary)	15,393,037	97.46%	41,956
3 (gap geocoded)	113,438	0.72%	-635
4 (street level)	283,673	1.80%	-602
5 (locality level)	4,495	0.03%	-3
6 (topo level)		0.00%	
No geocode		0.00%	
Total	15,794,643	100.00%	40,716

Table 4: Address Confidence Levels of Addresses (Principals and Aliases)

Confidence level	No of Addresses	Percentage	Change since May25
Addresses Confidence of 0	3,054,704	19.34%	7,138
Addresses Confidence of 1	2,381,518	15.08%	5,306
Addresses Confidence of 2	10,358,421	65.58%	28,272
Total	15,794,643	100.00%	40,716

Table 5: New Address ID Summary (Principals and Aliases)

State	All new Address IDs	New Principal Address IDs	Updated Addresses IDs	Net new Address IDs
TAS	842	834	8	834
VIC	13,685	13,602	531	13,154
SA	6,583	5,966	648	5,935
WA	6,577	6,527	56	6,521
NT	188	185	1	187
QLD	10,497	10,376	1,094	9,403
NSW	14,323	14,183	238	14,085
ACT	5,147	4,930	68	5,079
OT	0	0	0	0
TOTAL	57,842	56,603	2,644	55,198

Annex A - Detailed Statistics by Jurisdiction

The following Confidence and Level Geocoded tables show the changes that occur to principal only addresses between the new release (August 2025) and the previous release (May 2025) 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 (Address %). The statistics below do not include “retired” addresses (i.e. Confidence = -1).

7.1 Victoria

Table 1: Address Summary - Victoria

Address Summary - Vic	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
Aug 2025	4,136,636	3,920,873	26.23%
May 2025	4,125,945	3,909,943	26.22%
Change	10,691	10,930	0.00%
Change %	0.26%	0.28%	

Table 2: Confidence - Victoria

Confidence - Vic	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Address Confidence of 2	2,795,290	71.29%	2,786,253	71.26%	9,037	0.03%
Address Confidence of 1	574,217	14.65%	574,707	14.70%	-490	-0.05%
Address Confidence of 0	551,366	14.06%	548,983	14.04%	2,383	0.02%
Total	3,920,873		3,909,943		10,930	

Table 3: Level Geocoded - Victoria

Level Geocoded - Vic	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Property level geocode	3,888,803	99.18%	3,877,606	99.17%	11,197	0.01%
Street level geocode	31,688	0.81%	31,956	0.82%	-268	-0.01%
Locality level geocode	382	0.01%	381	0.01%	1	0.00%
Total	3,920,873		3,909,943		10,930	

7.2 New South Wales

Table 4: Address Summary - New South Wales

Address Summary - NSW	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
Aug 2025	4,897,582	4,604,785	30.80%
May 2025	4,885,663	4,592,575	30.80%
Change	11,919	12,210	0.00%
Change %	0.24%	0.27%	

Table 5: Confidence - New South Wales

Confidence - NSW	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Address Confidence of 2	3,127,217	67.91%	3,121,001	67.96%	6,216	-0.05%
Address Confidence of 1	703,598	15.28%	701,847	15.28%	1,751	-0.00%
Address Confidence of 0	773,970	16.81%	769,727	16.76%	4,243	0.05%
Total	4,604,785		4,592,575		12,210	

Table 6: Level Geocoded - New South Wales

Level Geocoded - NSW	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Property level geocode	4,489,749	97.50%	4,477,883	97.50%	11,866	-0.00%
Street level geocode	113,914	2.47%	113,709	2.48%	205	-0.00%
Locality level geocode	1,122	0.02%	983	0.02%	139	0.00%
Total	4,604,785		4,592,575		12,210	

7.3 South Australia

Table 7: Address Summary - South Australia

Address Summary - SA	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
Aug 2025	1,155,822	1,120,070	7.49%
May 2025	1,151,312	1,116,104	7.49%
Change	4,510	3,966	0.01%
Change %	0.39%	0.36%	

Table 8: Confidence - South Australia

Confidence - SA	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Address Confidence of 2	761,505	67.99%	758,986	68.00%	2,519	-0.02%
Address Confidence of 1	136,925	12.22%	136,909	12.27%	16	-0.04%
Address Confidence of 0	221,640	19.79%	220,209	19.73%	1,431	0.06%
Total	1,120,070		1,116,104		3,966	

Table 9: Level Geocoded - South Australia

Level Geocoded - SA	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Property level geocode	1,097,979	98.03%	1,093,980	98.02%	3,999	0.01%
Street level geocode	21,888	1.95%	21,881	1.96%	7	-0.01%
Locality level geocode	203	0.02%	243	0.02%	-40	-0.00%
Total	1,120,070		1,116,104		3,966	

7.4 Tasmania

Table 10: Address Summary - Tasmania

Address Summary - Tas	All Addresses		Principal Addresses	
	No of Addresses		% National Total	
Aug 2025	353,060		344,886	2.31%
May 2025	353,127		345,101	2.31%
Change	-67		-215	-0.01%
Change %	-0.02%		-0.06%	

Table 11: Confidence - Tasmania

Confidence - Tas	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Address Confidence of 2	261,508	75.82%	260,510	75.49%	998	0.34%
Address Confidence of 1	41,408	12.01%	41,782	12.11%	-374	-0.10%
Address Confidence of 0	41,970	12.17%	42,809	12.40%	-839	-0.24%
Total	344,886		345,101		-215	

Table 12: Level Geocoded - Tasmania

Level Geocoded - Tas	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Property level geocode	336,309	97.51%	335,543	97.23%	766	0.28%
Street level geocode	8,485	2.46%	9,455	2.74%	-970	-0.28%
Locality level geocode	92	0.03%	103	0.03%	-11	-0.00%
Total	344,886		345,101		-215	

7.5 Western Australia

Table 13: Address Summary - Western Australia

Address Summary - WA	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
Aug 2025	1,579,094	1,517,721	10.15%
May 2025	1,573,119	1,511,729	10.14%
Change	5,975	5,992	0.01%
Change %	0.38%	0.40%	

Table 14: Confidence - Western Australia

Confidence - WA	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Address Confidence of 2	1,119,738	73.78%	1,116,111	73.83%	3,627	-0.05%
Address Confidence of 1	175,949	11.59%	174,507	11.54%	1,442	0.05%
Address Confidence of 0	222,034	14.63%	221,111	14.63%	923	0.00%
Total	1,517,721		1,511,729		5,992	

Table 15: Level Geocoded - Western Australia

Level Geocoded - WA	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Property level geocode	1,492,354	98.33%	1,486,360	98.32%	5,994	0.01%
Street level geocode	25,220	1.66%	25,221	1.67%	-1	-0.01%
Locality level geocode	147	0.01%	148	0.01%	-1	-0.00%
Total	1,517,721		1,511,729		5,992	

7.6 Australian Capital Territory

Table 16: Address Summary - Australian Capital Territory

Address Summary - ACT	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
Aug 2025	250,351	244,825	1.64%
May 2025	249,374	243,962	1.64%
Change	977	863	0.00%
Change %	0.39%	0.35%	

Table 17: Confidence - Australian Capital Territory

Confidence - ACT	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Address Confidence of 2	198,983	81.28%	198,664	81.43%	319	-0.16%
Address Confidence of 1	16,728	6.83%	15,900	6.52%	828	0.32%
Address Confidence of 0	29,114	11.89%	29,398	12.05%	-284	-0.16%
Total	244,825		243,962		863	

Table 18: Level Geocoded - Australian Capital Territory

Level Geocoded - ACT	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Property level geocode	243,692	99.54%	242,801	99.52%	891	0.01%
Street level geocode	1,133	0.46%	1,161	0.48%	-28	-0.01%
Locality level geocode	0	0.00%	0	0.00%	0	0.00%
Total	244,825		243,962		863	

7.7 Queensland

Table 19: Address Summary - Queensland

Address Summary - QLD	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
Aug 2025	3,305,035	3,083,812	20.63%
May 2025	3,298,434	3,076,972	20.64%
Change	6,601	6,840	-0.01%
Change %	0.20%	0.22%	

Table 20: Confidence - Queensland

Confidence - QLD	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Address Confidence of 2	2,018,084	65.44%	2,012,736	65.41%	5,348	0.03%
Address Confidence of 1	459,969	14.92%	458,116	14.89%	1,853	0.03%
Address Confidence of 0	605,759	19.64%	606,120	19.70%	-361	-0.06%
Total	3,083,812		3,076,972		6,840	

Table 21: Level Geocoded - Queensland

Level Geocoded - QLD	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Property level geocode	3,004,793	97.44%	2,998,357	97.45%	6,436	-0.01%
Street level geocode	76,621	2.48%	76,124	2.47%	497	0.01%
Locality level geocode	2,398	0.08%	2,491	0.08%	-93	-0.00%
Total	3,083,812		3,076,972		6,840	

7.8 Northern Territory

Table 22: Address Summary - Northern Territory

Address Summary - NT	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
Aug 2025	113,228	109,726	0.73%
May 2025	113,118	109,591	0.74%
Change	110	135	0.00%
Change %	0.10%	0.12%	

Table 23: Confidence - Northern Territory

Confidence - NT	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Address Confidence of 2	64,922	59.17%	64,769	59.10%	153	0.07%
Address Confidence of 1	25,294	23.05%	25,321	23.11%	-27	-0.05%
Address Confidence of 0	19,510	17.78%	19,501	17.79%	9	-0.01%
Total	109,726		109,591		135	

Table 24: Level Geocoded - Northern Territory

Level Geocoded - NT	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Property level geocode	106,299	96.88%	106,153	96.86%	146	0.01%
Street level geocode	3,368	3.07%	3,381	3.09%	-13	-0.02%
Locality level geocode	59	0.05%	57	0.05%	2	0.00%
Total	109,726		109,591		135	

7.9 Other Territories

Table 25: Address Summary - Other Territories

Address Summary - OT	All Addresses	Principal Addresses	
	No of Addresses	No of Addresses	% National Total
Aug 2025	3,835	3,793	0.03%
May 2025	3,835	3,793	0.03%
Change	0	0	0.00%
Change %	0.00%	0.00%	

Table 26: Confidence - Other Territories

Confidence - OT	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Address Confidence of 2	1,526	40.23%	1,526	40.23%	0	0.00%
Address Confidence of 1	677	17.85%	677	17.85%	0	0.00%
Address Confidence of 0	1,590	41.92%	1,590	41.92%	0	0.00%
Total	3,793		3,793		0	

Table 27: Level Geocoded - Other Territories

Level Geocoded - OT	Aug 2025		May 2025		Change	
	No of Addresses	Address %	No of Addresses	Address %	No of Addresses	Address %
Property level geocode	3,389	89.35%	3,389	89.35%	0	0.00%
Street level geocode	328	8.65%	328	8.65%	0	0.00%
Locality level geocode	76	2.00%	76	2.00%	0	0.00%
Total	3,793		3,793		0	