

Document purpose:

The purpose of this document is to communicate changes relating to the G-NAF dataset which will occur in the May 2021 and August 2021 product releases.

What is changing?

There are no structure changes to the G-NAF dataset, rather, the changes are specific to the composition of data in some product fields. The affected fields are:

- **legal_parcel_id** (*address_detail* table)
- **locality_pid** (*locality*, *address_detail*, *locality_alias*, *locality_neighbour*, *locality_point*, *street_locality* tables)

Why are we making changes?

Geoscape is making changes to its data products aimed at making them easier to use and update. The G-NAF dataset contains data linkages to features in other datasets which will be changed. To maintain explicit connectivity between the different datasets, changes are necessary in G-NAF.

When will these changes occur?

These changes will apply in stages through both the May and the August 2021 publications of G-NAF. The details of these changes are included below.

May 2021, Change #1 - Update to the *legal_parcel_id* composition

The core *address_detail* table contains a field called *legal_parcel_id* which includes the details of the land parcel that the address item relates to. The composition of the data in this field will change between the February 2021 and the May 2021 product releases.

The change is being made to support alignment between the national address and the new Geoscape Cadastre product being launched in May 2021. The new *legal_parcel_id* composition will make it easier to build linkages between addresses and the respective Land Registry datasets as the format will be the same as those in common use in each jurisdiction.

As a consequence of the *legal_parcel_id* changing, the *date_last_modified* field in the *address_detail* table will also change for every record that is updated. In some jurisdictions (e.g. VIC), we expect this to be every record in the table. This change does not impact the *address_detail_pid* (sometimes referred to as the *gnaf_id*).

Examples of how the composition of the data inside the field is changing are available in the table at the end of this document.

August 2021, Change #2 - Update to the *locality_pid*

The *locality_pid* is referenced in several G-NAF tables including the core *address_detail* table. The structure of the *locality_pid* will change between the May 2021 and the August 2021 product releases.

The data type of the *locality_pid* field will remain as *varchar15*, however, the composition of the identifier itself will change. The new composition of the *locality_pid* will consist of a 3-character product identifier (e.g. 'loc') plus a 12 character alphanumeric. For example, a new *locality_pid* from August 2021 will look like 'loc12dfg01e7z2a'.

A linking lookup table, mapping old to new *locality_pids* is expected to be produced and released as part of the August 2021 Geoscape Locality dataset publication.

How will this impact other PIDs in G-NAF?

The name of a locality is a mandatory element of every address in G-NAF and so making a change to the *locality_pid* would normally change all other related address identifiers (such as *street_locality_pid* and *address_detail_pid*). Our aim through this transition is to minimise changes to these related PIDs in circumstances where the underlying object is not materially different. This will require some additional management during the August 2021 production cycle and we are committed to minimising disruption to G-NAF users through this change.

More information

We will provide further detail of these changes after the publication of the May 2021 G-NAF release.

Any questions?

At Geoscape, we understand that these changes may represent a significant disruption for some users. If you have any questions about the proposed changes, please contact us at support@geoscape.com.au

G-NAF legal_parcel_id Composition Changes



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Jurisdiction	Cadastral Dataset containing address	PARCEL_ID structure in Geoscape Cadastre	G-NAF From May 21	G-NAF as at Feb 21
ACT	ACT_data_gdb.Blocks	DISTRICT_SHORT/ DIVISION_SHORT/ SECTION/ BLOCK	TUGG/ BANK/ 1/ 30	TUGG/ BANK/ 1/ 30/
ACT	ACT_data_gdb.Stratum_Blocks	DISTRICT_SHORT/ DIVISION_SHORT/ SECTION/ BLOCK	CANB/ BRAD/ 1/ 1	CANB/ BRAD/ 1/ 1/
ACT	ACT_data_gdb.Road_Polygon	DISTRICT_SHORT/ DIVISION_SHORT//	WODE/ MAWS/ /	Not in GNAF
ACT	ACT_data_gdb.Pedestrian_Area_Polygon	DISTRICT_SHORT/ DIVISION_SHORT//	CANB/ CITY//	Not in GNAF
ACT	ACT_data_gdb.Units	DISTRICT_SHORT/ DIVISION_SHORT/ SECTION/ BLOCK/ UNIT	BELC/ BRUC/ 78/ 17/ 2	BELC/ BRUC/ 78/ 17/ 2
		If SECTIONNUM is <NULL> then LOTNUMBER/ PLANNUMBER else If SECTIONNUM has a value then LOT_NUMBER/ SECTIONNUM/ PLANNUMBER		
NSW	lot.shp		13/ 31993 1/ C/ 3625	13/ / DP31993 1/ C/ DP3625
NSW	unidentified.shp	PLAN_LABEL	4205 - 1604	// 4205 - 1604
TAS	cadlite	PLAN/ LOT	158882/ 2	2/ 158882
			550/ / 3252/ 55/ M/ 60001	550/ / 03252/ 055/ 60001/ 0000M/
NT	NT_CADASTRE_POLYGONS	PAR_LOC/ PAR_LTO/ PAR_PAR/ unit number (TRIM leading 0 from all fields)	10/ / 10049/ 1	010/ / 10047/ / 1
WA	Cadastral_Polygon_Current	pi_parcel/ lot_number	S030337/ 1	1/ S030337
		if piparcel begins with S#, D# or P#, then use first element of string when delimited by <space> (eg. P003008 74) as pi_parcel value to use in parcel_id if parcel_type = 'ROAD', plan is NULL	P003008/ 73	P003008 73 D000015 A26 1/ S001348 ARDATT 00038
SA	ParcelCadastralCombined.gdb.ParcelCadastralCombined	plan_t/ plan/ parcel_t/ parcel	D/ 10001 A/ 14	D10001 A14
			1. TP201500 CM\ PS405814 PC370718	/ TP137187-//// 1/ PS405814-//// / PC370718-////
VIC	parcel (join to parcel_view to get geometry)	parcel.SPI	57/ FTZ37234	57/ FTZ37234
QLD	DP_QLD_DCDB_WOS_CUR.gdb/ cadastre_dcdb	lot/ plan		
Jervis (OT)	ACT.ACT_JB_data.gdb.Blocks	DISTRICT_SHORT/ BLOCK	JERV/ 927	no legal_parcel_id in GNAF
Cocos (OT)	Cadastral_Polygon_Current	same as WA		1867475
Norfolk (OT)	NorfolkLots	Lot/ Portion/ Section	66/ 41a27/ 16	no legal_parcel_id in GNAF

