



PAF News 2019.3

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1 Introduction

Welcome to the PAF News for release 2019.3. This document contains statistics and information relating to this release of the PAF. For more detailed information about the PAF, please visit the Australia Post website:

<https://auspost.com.au/business-solutions/data-marketing-services/improve-your-data/address-data>

1.1 About the PAF

The Postal Address File (PAF) is one of the most comprehensive address reference files in Australia. It contains addresses Australia Post recognises through its letter and parcel delivery networks. The PAF is the source of the Delivery Point Identifier (DPID) a unique number assigned to each address. The DPID provides a valuable link to join different datasets.

The PAF contains physical addresses such as houses and units, multi storey buildings including levels and suites as well as postal addresses such as Post Office Boxes and Locked Bags. For more information please refer to the Data Guide.

<https://auspost.com.au/business-solutions/data-marketing-services/supporting-our-data-partners/address-data>

1.2 What's new?

Geocoded PAF

Through our Posties, Australia Post has collected geospatial co-ordinates to help supplement the PAF. This new dataset will consist of:

1. DPID enhanced file of delivery point (letterbox, or other delivery area of a property) co-ordinates, as captured by our Posties.
2. DPID enhanced file of centroid geo-coordinates sourced from data.gov.au

If you have any questions, please do not hesitate to contact apdata.help@auspost.com.au.

1.3 Generic table of PAF Issue and Expiry dates

All information about the PAF (including the following table) is available via the Australia Post website:

<https://auspost.com.au/business-solutions/data-marketing-services/supporting-our-data-partners/resources-and-key-dates>

Lodging mail through the PreSort Letters Service requires that only DPIDs that are valid against the current PAF be used in mail barcodes. The table below shows the appropriate PAF version to use:

PAF Version	PAF Issue	PAF Expiry
YYYY.1	15 November	31 March
YYYY.11	1 December	30 April
YYYY.12	1 January	31 May
YYYY.2	28 February	30 June
YYYY.21	31 March	31 July
YYYY.22	30 April	31 August
YYYY.3	31 May	30 September
YYYY.31	30 June	31 October
YYYY.32	31 July	30 November
YYYY.4	31 August	31 December
YYYY.41	30 September	31 January

PAF Version: Means the year of release and the release number

PAF Issue: Date the version is made available from supplier

PAF Expiry: The final date the PAF version maybe used for appending DPIDs.

1.4 Sample new addresses to PAF

The following addresses are new records added to the latest PAF. They may be used by customers to verify that the latest PAF has loaded successfully with their AMAS software.

New PAF Address
1-2 BOXWOOD PL OCEAN GROVE VIC 3226
11-19 KELLAR ST BERRINBA QLD 4117
U 319/1-2 TARNI CT NEW PORT SA 5015
SHOP 1/11-13 LACKEY ST SUMMER HILL NSW 2130
2-4 MAHOGANY ST PORT DOUGLAS QLD 4877

2 PAF Crunching

PAF Snapshot	2019.2	2019.21	2019.22	2019.3	Latest Difference
Points (DPIDs)	14,516,489	14,539,308	14,553,996	14,572,224	18,228
• Street DPIDs	12,474,139	12,497,214	12,511,244	12,529,149	17,905
• Postal Delivery type DPIDs	2,042,350	2,042,094	2,042,752	2,043,075	323
Postcode	2,942	2,942	2,942	2,941	-1
Locality	16,408	16,412	16,414	16,416	2
Synonym	5,719	5,720	5,722	5,724	2
Bordering Locality	81,952	82,238	82,238	81,273	-965
Delivery Point Group (i.e. Thoroughfare and Postal Delivery Types)	488,703	489,316	489,749	490,137	388
Street Alternate	2,648	2,670	2,688	2,710	22
Code	637	637	637	637	0

Postcode by State	2019.2	2019.21	2019.22	2019.3	Latest Difference
ACT	32	32	32	32	0
NSW	723	723	723	723	0
NT	52	52	52	52	0
QLD	452	452	452	451	-1
SA	347	347	347	347	0
TAS	120	120	120	120	0
VIC	731	731	731	731	0
WA	485	485	485	485	0
Total	2,942	2,942	2,942	2,941	-1

Locality by State	2019.2	2019.21	2019.22	2019.3	Latest Difference
ACT	143	143	143	143	0
NSW	4,804	4,804	4,805	4,805	0
NT	353	353	353	353	0
QLD	3,360	3,364	3,365	3,367	2
SA	1,958	1,958	1,958	1,958	0
TAS	780	780	780	780	0
VIC	3,175	3,175	3,175	3,175	0
WA	1,835	1,835	1,835	1,835	0
Total	16,408	16,412	16,414	16,416	2

Streets and their DPIDs	2019.2	2019.21	2019.22	2019.3	Latest Difference
Standard addresses, e.g. 10 Smith Street?	11,640,017	11,662,339	11,676,244	11,693,076	16,832
Ranged addresses, e.g. 10-12 Smith Street?	732,493	733,356	733,570	734,874	1,304
Lot number addresses	101,629	101,519	101,430	101,199	-231
Primary point addresses	8,642,473	8,654,527	8,661,731	8,669,566	7,835
Secondary point addresses	3,730,037	3,741,168	3,748,083	3,758,384	10,301
Flat and Unit addresses	3,252,043	3,261,623	3,267,240	3,275,960	8,720
Floors and Level addresses	99,011	99,196	99,308	99,466	158
Addresses with Building/Property Name	208,169	208,484	208,764	208,889	125

Major Street Types	2019.2	2019.21	2019.22	2019.3	Latest Difference
ST (Street)	127,869	127,994	128,060	128,129	69
RD (Road)	128,195	128,359	128,485	128,570	85
CT (Court)	45,571	45,605	45,626	45,661	35
AVE (Avenue)	30,522	30,546	30,565	30,586	21
PL (Place)	30,059	30,078	30,102	30,133	31
DR (Drive)	22,223	22,265	22,293	22,321	28
CL (Close)	16,361	16,385	16,403	16,415	12
CRES (Crescent)	14,079	14,096	14,104	14,123	19
No Street Type (Blank)	2,469	2,467	2,487	2,496	9
Other Street Types	61,383	61,548	61,657	61,733	76
Total	478,731	479,343	479,782	480,167	385

Address of Major Street Types	2019.2	2019.21	2019.22	2019.3	Latest Difference
ST (Street)	4,658,002	4,665,985	4,670,927	4,677,584	6,657
RD (Road)	2,681,706	2,685,520	2,688,197	2,691,559	3,362
CT (Court)	559,217	559,737	560,042	560,592	550
AVE (Avenue)	1,123,126	1,125,338	1,126,921	1,128,405	1,484
PL (Place)	416,477	416,769	417,316	417,813	497
DR (Drive)	840,483	842,750	843,897	845,036	1,139
CL (Close)	213,131	213,408	213,716	213,877	161
CRES (Crescent)	477,853	478,675	479,005	479,859	854
No Street Type (Blank)	98,016	98,056	98,247	98,379	132
Other Street Types	1,406,128	1,410,976	1,412,976	1,416,045	3,069
Total	12,474,139	12,497,214	12,511,244	12,529,149	17,905

Postal Delivery Types	2019.2	2019.21	2019.22	2019.3	Latest Difference
PO Box (Post Office Box)	1,971,193	1,971,511	1,972,200	1,972,517	317
GPO Box (General Post Office Box)	32,493	32,391	32,391	32,392	1
Locked Bag	19,579	19,580	19,569	19,569	0
Private Bag	9,994	9,994	9,979	9,980	1
CARE PO (Care Post Office)	4,045	4,045	4,039	4,039	0
RMB (Roadside Mail Bag/Box)	2,843	2,370	2,370	2,370	0
RSD (Road Side Delivery)	1,017	1,017	1,017	1,017	0
MS (Mail Service)	636	636	636	636	0
CMB (Community Mail Bag)	547	547	548	552	4
Roadside Mail Service	2	2	2	2	0
CMA (Community Mail Agent)	1	1	1	1	0
CPA (Community Postal Agent)	0	0	0	0	0
Total	2,042,350	2,042,094	2,042,752	2,043,075	323

Street Addresses by State	2019.2	2019.21	2019.22	2019.3	Latest Difference
ACT	205,529	206,125	206,153	206,573	420
NSW	3,919,358	3,924,981	3,930,482	3,936,197	5,715
NT	87,857	87,893	88,028	88,094	66
QLD	2,556,203	2,561,114	2,562,739	2,566,331	3,592
SA	913,595	914,930	916,284	917,933	1,649
TAS	297,534	297,726	297,929	298,138	209
VIC	3,180,399	3,189,241	3,193,679	3,198,774	5,095
WA	1,313,664	1,315,204	1,315,950	1,317,109	1,159
Total	12,474,139	12,497,214	12,511,244	12,529,149	17,905

PD Type Addresses by State	2019.2	2019.21	2019.22	2019.3	Latest Difference
ACT	39,772	39,764	39,764	39,765	1
NSW	644,757	644,799	644,798	644,772	-26
NT	45,382	45,382	45,382	45,383	1
QLD	459,809	459,678	459,767	459,768	1
SA	175,682	175,698	175,790	175,880	90
TAS	52,003	52,103	52,103	52,197	94
VIC	411,772	412,175	412,202	412,289	87
WA	213,173	212,495	212,946	213,021	75
Total	2,042,350	2,042,094	2,042,752	2,043,075	323

Incremental Changes File	2019.2	2019.21	2019.22	2019.3
D - Address no longer contained in new PAF	3,680	2,832	1,847	1,744
G - Group DID where new Points added to Group	949	693	502	554
L - Locality DID where new Points or Groups added to Locality	625	493	387	360
M - Address changed since previous version of PAF	8,466	4,224	2,267	2,369
P - Primary Point DPID with new or modified Secondary Points	2,483	1,738	1,179	1,562
S - New Street added with a similar name to the PAF	115	33	65	41

3 PAF Data Packages

Permission and Delivery Package	2019.2	2019.21	2019.22	2019.3	% of Records
Permission and Delivery File	14,542,135	14,542,135	14,573,957	14,573,957	
• Inactive addresses (Delete)	2,827	2,827	1,733	1,733	0.01%
• Active addresses (Insert, Modify, No Change)	14,539,308	14,539,308	14,572,224	14,572,224	99.99%
o Insert	25,646	25,646	19,961	19,961	0.14%
o Modify	54,219	54,219	76,870	76,870	0.53%
o No change	14,459,443	14,459,443	14,475,393	14,475,393	99.33%
Receive Mail Delivery	11,797,459	11,797,459	11,815,586	11,815,586	81.08%
Non Delivery	2,741,849	2,741,849	2,756,638	2,756,638	18.92%
Accept Advertising mail	8,890,099	8,890,099	8,894,079	8,894,079	61.03%
Residential Only	12,941,188	12,941,188	12,958,287	12,958,287	88.92%
Non Residential Only	1,564,300	1,564,300	1,580,020	1,580,020	10.84%
Both Residential & Non Residential	33,820	33,820	33,917	33,917	0.24%

Suppression Packages

	2019.2	2019.21	2019.22	2019.3	% of Records
Moved Suppression File	6,112,968	6,112,968	6,144,043	6,144,043	
• Inactive addresses (Delete)	921	921	507	507	0.01%
• Active addresses (Insert, Modify, No Change)	6,112,047	6,112,047	6,143,536	6,143,536	99.99%
o Insert	17,229	17,229	21,062	21,062	0.34%
o Modify	37,788	37,788	38,465	38,465	0.63%
o No change	6,057,030	6,057,030	6,084,009	6,084,009	99.03%

	2019.2	2019.21	2019.22	2019.3	% of Records
Deceased Suppression File	110,151	110,151	111,907	111,907	
• Inactive addresses (Delete)	13	13	9	9	0.01%
• Active addresses (Insert, Modify, No Change)	110,138	110,138	111,898	111,898	99.99%
o Insert	971	971	1,158	1,158	1.03%
o Modify	79	79	93	93	0.08%
o No change	109,088	109,088	110,647	110,647	98.89%

Geocoded PAF

	2019.2	2019.21	2019.22	2019.3	% of Records
Letterbox – Feature File	1,112,234	1,111,991	1,111,840	1,111,763	%
• Inactive addresses(Delete)	243	164	80	100	0.01 %
• Active addresses(Insert, Modify, No Change)	1,111,991	1,111,827	1,111,760	1,111,663	99.99 %
○ Insert	312	0	13	3	0.00 %
○ Modify	0	0	0	0	0.00 %
○ No Change	1,111,679	1,111,827	1,111,747	1,111,660	100.00 %

	2019.2	2019.21	2019.22	2019.3	% of Records
Centroid – Feature File	12,468,025	12,490,272	12,488,366	12,500,922	%
• Inactive addresses(Delete)	3,527	1,966	1,931	1,688	0.01 %
• Active addresses(Insert, Modify, No Change)	12,464,498	12,488,306	12,486,435	12,499,234	99.99 %
○ Insert	36,387	25,774	60	14,487	0.12 %
○ Modify	3,168	3,295	11,901	0	0.00 %
○ No Change	12,424,943	12,459,237	12,474,474	12,484,747	99.88 %

4 Appendix

Term / Abbreviation	Description
<i>Accept Advertising Mail</i>	Address has signage stating they do want to receive advertising mail
<i>Active Address</i>	Address is currently in Postal Address File (PAF)
<i>Address Matching Software</i>	Software that can match and correct addresses and has the capability of appending the correct Delivery Point Identifier (DPID) to each address record.
<i>AMAS</i>	Australia Post's Address Matching Approval System (AMAS as documented in the AMAS Handbook) which is a system that evaluates and approves software based on the software's ability to validate, match and append the correct DPID.
<i>ATLAS</i>	Australia Post's core addressing database
<i>Barcode</i>	A series of vertical lines of specific variety of lengths, used to represent numerical and alphabetical characters. The 4-state barcode is used in Australia Post for mail sorting.
<i>Centroid</i>	The centre of a land parcel
<i>Deceased Suppression</i>	Provide non personalised information that may be used as an indication of when someone has passed away at the related address
<i>Delivery Point Identifier (DPID)</i>	An eight-digit code developed by Australia Post that enables each delivery point in Australia to be uniquely identified
<i>Flat Unit Type</i>	The term used to generically describe Flats, Units, Apartments, Suites, Shops, and Offices
<i>Inactive Address</i>	Address is no longer in PAF or no longer in data packages
<i>Letterbox</i>	The delivery point where mail is delivered.
<i>Level Type</i>	Descriptions used to identify the floor or level of a multi-storey building or complex
<i>Lot</i>	Lot/section reference allocated to a property, recorded by the appropriate Government Department, during the sub-division of a particular parcel of land
<i>Moved Suppression</i>	Provide non personalised information that may be used as an indication of when someone has moved from the related address
<i>PAF Incremental Changes File (ICF)</i>	The file created by the AMAS Program containing DPIDs, action codes and indicators to indicate deleted addresses and changed address information for those DPIDs that have had some address components modified since the previous PAF.
<i>PAF Update</i>	The next issue of a PAF or an updated version of the PAF including deletions, additions and modifications of the addresses and the DPIDs incorporated within it and any other structural changes that Australia Post may make to the PAF.
<i>Permission and Delivery</i>	Provide information relating to the permissions and deliverability of the associated address
<i>Postal Address File (PAF)</i>	The database created by Australia Post containing Australian addresses in a correct address format, with their corresponding DPIDs.
<i>Postal Delivery Types</i>	Identification of a specific postal address, and the service number, if applicable. E.g. PO Box, Mail Service, RSD
<i>Postcode</i>	A four digit numeric code for a postal delivery area, usually aligned with placename, suburb or locality and in some circumstances a unique Postal Delivery Type
<i>Primary Point Address</i>	An address without secondary information such as a unit number, Level number or street number suffix. Real Primary Points relate to existing physical addresses that can receive mail, Phantom Primary Points are virtual addresses that cannot receive mail but have potential value in matching records with non-matching secondary points.
<i>Ranged Address</i>	Signifies an address that includes a number range e.g.317-321
<i>Receive Mail Delivery</i>	Address receives a physical delivery.
<i>Secondary Point Address</i>	An address with secondary information such as a unit number, Level number or street number suffix.