



PAF News 2019.2

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Contents

1	Introduction	3
1.1	About the PAF	3
1.2	Generic table of PAF Issue and Expiry dates	4
1.3	Sample new addresses to PAF	4
2	PAF Crunching	5
3	PAF Data Packages	9
4	Appendix	10

1 Introduction

Welcome to the PAF News for release 2019.2. 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 may be 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
141-207 BURTONS RD MAROOCHY RIVER QLD 4561
216-236 ROBERTS RD TIATUKIA SA 5607
SHOP 2/19-21 WEYLAND ST PUNCHBOWL NSW 2196
U 8/36-40 MACQUARIE PL MORTDALE NSW 2223
75-113 MACARTHUR ST ALEXANDRA HILLS QLD 4161

2 PAF Crunching

PAF Snapshot	2019.1	2019.11	2019.12	2019.2	Latest Difference
Points (DPIDs)	14,441,816	14,462,606	14,483,267	14,516,489	33,222
• Street DPIDs	12,398,899	12,420,100	12,441,249	12,474,139	32,890
• Postal Delivery type DPIDs	2,042,917	2,042,506	2,042,018	2,042,350	332
Postcode	2,943	2,943	2,942	2,942	0
Locality	16,410	16,408	16,409	16,408	-1
Synonym	5,719	5,720	5,718	5,720	2
Bordering Locality	81,649	81,649	81,641	81,952	311
Delivery Point Group (i.e. Thoroughfare and Postal Delivery Types)	486,933	487,472	487,987	488,703	716
Street Alternate	2,585	2,592	2,617	2,648	31
Code	637	637	637	637	0

Postcode by State	2019.1	2019.11	2019.12	2019.2	Latest Difference
ACT	32	32	32	32	0
NSW	724	724	723	723	0
NT	52	52	52	52	0
QLD	452	452	452	452	0
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	2,943	2,943	2,942	2,942	0

Locality by State	2019.1	2019.11	2019.12	2019.2	Latest Difference
ACT	143	143	143	143	0
NSW	4,808	4,807	4,805	4,804	-1
NT	354	354	354	353	-1
QLD	3,360	3,360	3,360	3,360	0
SA	1,959	1,958	1,958	1,958	0
TAS	780	780	780	780	0
VIC	3,175	3,175	3,175	3,175	0
WA	1,831	1,831	1,834	1,835	1
Total	16,410	16,408	16,409	16,408	-1

Streets and their DPIDs	2019.1	2019.11	2019.12	2019.2	Latest Difference
Standard addresses, e.g. 10 Smith Street?	11,568,617	11,588,808	11,608,650	11,640,017	31,367
Ranged addresses, e.g. 10-12 Smith Street?	727,897	728,849	730,586	732,493	1,907
Lot number addresses	102,385	102,443	102,013	101,629	-384
Primary point addresses	8,605,962	8,617,403	8,628,414	8,642,473	14,059
Secondary point addresses	3,690,552	3,700,254	3,710,822	3,730,037	19,215
Flat and Unit addresses	3,217,427	3,225,838	3,234,881	3,252,043	17,162
Floors and Level addresses	98,242	98,450	98,698	99,011	313
Addresses with Building/Property Name	202,866	203,302	203,441	208,169	4,728

Major Street Types	2019.1	2019.11	2019.12	2019.2	Latest Difference
ST (Street)	127,508	127,625	127,720	127,869	149
RD (Road)	127,778	127,895	128,047	128,195	148
CT (Court)	45,478	45,502	45,535	45,571	36
AVE (Avenue)	30,426	30,463	30,487	30,522	35
PL (Place)	29,972	29,998	30,018	30,059	41
DR (Drive)	22,111	22,151	22,179	22,223	44
CL (Close)	16,302	16,321	16,346	16,361	15
CRES (Crescent)	14,022	14,035	14,054	14,079	25
No Street Type (Blank)	2,468	2,468	2,470	2,469	-1
Other Street Types	60,876	61,029	61,153	61,383	230
Total	476,941	477,487	478,009	478,731	722

Address of Major Street Types	2019.1	2019.11	2019.12	2019.2	Latest Difference
ST (Street)	4,632,863	4,639,799	4,646,832	4,658,002	11,170
RD (Road)	2,667,853	2,671,635	2,675,582	2,681,706	6,124
CT (Court)	557,251	557,858	558,425	559,217	792
AVE (Avenue)	1,115,841	1,117,830	1,119,804	1,123,126	3,322
PL (Place)	413,153	413,528	414,798	416,477	1,679
DR (Drive)	833,993	836,349	838,042	840,483	2,441
CL (Close)	212,217	212,440	212,769	213,131	362
CRES (Crescent)	475,444	476,187	476,901	477,853	952
No Street Type (Blank)	97,961	98,108	97,925	98,016	91
Other Street Types	1,392,323	1,396,366	1,400,171	1,406,128	5,957
Total	12,398,899	12,420,100	12,441,249	12,474,139	32,890

Postal Delivery Types	2019.1	2019.11	2019.12	2019.2	Latest Difference
PO Box (Post Office Box)	1,971,359	1,970,988	1,970,813	1,971,193	380
GPO Box (General Post Office Box)	32,493	32,493	32,493	32,493	0
Locked Bag	19,613	19,578	19,577	19,579	2
Private Bag	9,995	9,994	9,994	9,994	0
CARE PO (Care Post Office)	4,052	4,049	4,048	4,045	-3
RMB (Roadside Mail Bag/Box)	3,121	3,121	2,889	2,843	-46
RSD (Road Side Delivery)	1,096	1,096	1,017	1,017	0
MS (Mail Service)	637	636	636	636	0
CMB (Community Mail Bag)	547	547	547	547	0
Roadside Mail Service	3	3	3	2	-1
CMA (Community Mail Agent)	1	1	1	1	0
CPA (Community Postal Agent)	0	0	0	0	0
Total	2,042,917	2,042,506	2,042,018	2,042,350	332

Street Addresses by State	2019.1	2019.11	2019.12	2019.2	Latest Difference
ACT	204,115	204,615	205,262	205,529	267
NSW	3,891,421	3,897,929	3,906,130	3,919,358	13,228
NT	87,742	87,828	87,804	87,857	53
QLD	2,540,852	2,546,364	2,550,574	2,556,203	5,629
SA	909,767	910,698	911,965	913,595	1,630
TAS	296,719	296,831	297,061	297,534	473
VIC	3,159,307	3,165,713	3,170,823	3,180,399	9,576
WA	1,308,976	1,310,122	1,311,630	1,313,664	2,034
Total	12,398,899	12,420,100	12,441,249	12,474,139	32,890

PD Type Addresses by State	2019.1	2019.11	2019.12	2019.2	Latest Difference
ACT	40,258	39,773	39,773	39,772	-1
NSW	645,627	645,584	644,655	644,757	102
NT	45,382	45,382	45,382	45,382	0
QLD	459,601	459,600	459,725	459,809	84
SA	175,438	175,444	175,546	175,682	136
TAS	51,914	52,006	52,039	52,003	-36
VIC	411,279	411,300	411,703	411,772	69
WA	213,418	213,417	213,195	213,173	-22
Total	2,042,917	2,042,506	2,042,018	2,042,350	332

Incremental Changes File	2019.1	2019.11	2019.12	2019.2
D - Address no longer contained in new PAF	2,307	2,086	3,422	3,680
G - Group DID where new Points added to Group	685	578	742	949
L - Locality DID where new Points or Groups added to Locality	455	397	441	625
M - Address changed since previous version of PAF	10,248	3,561	6,658	8,466
P - Primary Point DPID with new or modified Secondary Points	1,991	1,326	1,607	2,483
S - New Street added with a similar name to the PAF	109	128	121	115

3 PAF Data Packages

Permission and Delivery Package	2019.1	2019.11	2019.12	2019.2	% of Records
Permission and Delivery File	14,444,116	14,486,681	14,486,681	14,520,144	
• Inactive addresses (Delete)	2,300	3,414	3,414	3,655	0.03%
• Active addresses (Insert, Modify, No Change)	14,441,816	14,483,267	14,483,267	14,516,489	99.97%
o Insert	24,462	24,075	24,075	36,877	0.25%
o Modify	48,944	43,437	43,437	62,462	0.43%
o No change	14,368,410	14,415,755	14,415,755	14,417,150	99.32%
Receive Mail Delivery	11,688,669	11,735,760	11,735,760	11,776,922	81.13%
Non Delivery	2,753,147	2,747,507	2,747,507	2,739,567	18.87%
Accept Advertising mail	8,840,800	8,863,092	8,863,092	8,884,063	61.20%
Residential Only	12,857,451	12,894,447	12,894,447	12,921,982	89.02%
Non Residential Only	1,550,385	1,554,971	1,554,971	1,560,655	10.75%
Both Residential & Non Residential	33,980	33,849	33,849	33,852	0.23%

Suppression Packages

	2019.1	2019.11	2019.12	2019.2	% of Records
Moved Suppression File	6,041,471	6,069,293	6,069,293	6,096,947	
• Inactive addresses (Delete)	1,583	800	800	1,208	0.02%
• Active addresses (Insert, Modify, No Change)	6,039,888	6,068,493	6,068,493	6,095,739	99.98%
o Insert	18,324	16,692	16,692	28,454	0.47%
o Modify	37,642	34,701	34,701	59,098	0.97%
o No change	5,983,922	6,017,100	6,017,100	6,008,187	98.56%

	2019.1	2019.11	2019.12	2019.2	% of Records
Deceased Suppression File	105,930	107,728	107,728	109,196	
• Inactive addresses (Delete)	11	21	21	16	0.01%
• Active addresses (Insert, Modify, No Change)	105,919	107,707	107,707	109,180	99.99%
o Insert	1,133	1,033	1,033	1,489	1.36%
o Modify	86	93	93	124	0.11%
o No change	104,700	106,581	106,581	107,567	98.53%

Geocoded PAF Packages

	2019.1	2019.11	2019.12	2019.2	Latest Difference
Geocoded PAF - letterbox	1,112,246	1,112,169	1,112,114	1,112,234	120
Geocoded PAF - centroid	12,396,683	12,417,092	12,433,652	12,468,025	34,373

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.