



PAF News 2019.4

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1 Introduction

Welcome to the PAF News for release 2019.4. 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
1-3 GATES RD FLAGSTONE QLD 4280
10-12 SILVESTER ST CASTERTON VIC 3311
U 1/1-21 CLARKE RD PARK RIDGE QLD 4125
SITE 208/2-40 KOPLICK RD CHAMBERS FLAT QLD 4133
SHOP 7/6-10 ALLIS ST FLAGSTONE QLD 4280

2 PAF Crunching

PAF Snapshot	2019.3	2019.31	2019.32	2019.4	Latest Difference
Points (DPIDs)	14,572,224	14,587,286	14,603,928	14,621,457	17,529
• Street DPIDs	12,529,149	12,544,708	12,564,942	12,582,505	17,563
• Postal Delivery type DPIDs	2,043,075	2,042,578	2,038,986	2,038,952	-34
Postcode	2,941	2,940	2,941	2,940	-1
Locality	16,416	16,416	16,414	16,413	-1
Synonym	5,723	5,751	5,840	5,839	-1
Bordering Locality	81,273	81,273	81,255	81,229	-26
Delivery Point Group (i.e. Thoroughfare and Postal Delivery Types)	490,137	490,506	490,973	491,404	431
Street Alternate	2,710	2,726	2,743	2,759	16
Code	637	637	637	637	0

Postcode by State	2019.3	2019.31	2019.32	2019.4	Latest Difference
ACT	32	32	32	32	0
NSW	723	723	724	723	-1
NT	52	52	52	52	0
QLD	451	451	451	451	0
SA	347	347	347	347	0
TAS	120	120	120	120	0
VIC	731	731	731	731	0
WA	485	484	484	484	0
Total	2,941	2,940	2,941	2,940	-1

Locality by State	2019.3	2019.31	2019.32	2019.4	Latest Difference
ACT	143	143	143	143	0
NSW	4,805	4,805	4,805	4,804	-1
NT	353	353	353	353	0
QLD	3,367	3,369	3,369	3,370	1
SA	1,958	1,957	1,957	1,957	0
TAS	780	780	780	780	0
VIC	3,175	3,175	3,173	3,172	-1
WA	1,835	1,834	1,834	1,834	0
Total	16,416	16,416	16,414	16,413	-1

Streets and their DPIDs	2019.3	2019.31	2019.32	2019.4	Latest Difference
Standard addresses, e.g. 10 Smith Street?	11,693,076	11,708,100	11,727,418	11,744,976	17,558
Ranged addresses, e.g. 10-12 Smith Street?	734,874	735,582	736,564	736,682	118
Lot number addresses	101,199	101,026	100,960	100,847	-113
Primary point addresses	8,669,566	8,678,012	8,686,995	8,695,583	8,588
Secondary point addresses	3,758,384	3,765,670	3,776,987	3,786,075	9,088
Flat and Unit addresses	3,275,960	3,282,226	3,291,954	3,299,678	7,724
Floors and Level addresses	99,466	99,639	99,841	100,022	181
Addresses with Building/Property Name	208,889	208,734	209,131	209,794	663

Major Street Types	2019.3	2019.31	2019.32	2019.4	Latest Difference
ST (Street)	128,129	128,205	128,329	128,428	99
RD (Road)	128,570	128,631	128,740	128,846	106
CT (Court)	45,661	45,670	45,697	45,729	32
AVE (Avenue)	30,586	30,608	30,634	30,661	27
PL (Place)	30,133	30,155	30,174	30,194	20
DR (Drive)	22,321	22,351	22,385	22,424	39
CL (Close)	16,415	16,430	16,446	16,455	9
CRES (Crescent)	14,123	14,154	14,170	14,181	11
No Street Type (Blank)	2,496	2,495	2,495	2,498	3
Other Street Types	61,733	61,841	61,948	62,043	95
Total	480,167	480,540	481,018	481,459	441

Address of Major Street Types	2019.3	2019.31	2019.32	2019.4	Latest Difference
ST (Street)	4,677,584	4,682,542	4,690,219	4,696,692	6,473
RD (Road)	2,691,559	2,693,774	2,697,915	2,701,033	3,118
CT (Court)	560,592	560,792	561,211	561,809	598
AVE (Avenue)	1,128,405	1,129,456	1,131,211	1,132,806	1,595
PL (Place)	417,813	418,344	418,683	419,104	421
DR (Drive)	845,036	846,495	848,551	850,210	1,659
CL (Close)	213,877	214,073	214,308	214,421	113
CRES (Crescent)	479,859	481,286	481,826	482,324	498
No Street Type (Blank)	98,379	98,483	98,503	98,596	93
Other Street Types	1,416,045	1,419,463	1,422,515	1,425,510	2,995
Total	12,529,149	12,544,708	12,564,942	12,582,505	17,563

Postal Delivery Types	2019.3	2019.31	2019.32	2019.4	Latest Difference
PO Box (Post Office Box)	1,972,517	1,972,023	1,969,062	1,969,034	-28
GPO Box (General Post Office Box)	32,392	32,392	32,392	32,392	0
Locked Bag	19,569	19,570	19,541	19,543	2
Private Bag	9,980	9,980	9,981	9,982	1
CARE PO (Care Post Office)	4,039	4,038	4,035	4,029	-6
RMB (Roadside Mail Bag/Box)	2,370	2,370	1,783	1,781	-2
RSD (Road Side Delivery)	1,017	1,015	1,002	1,002	0
MS (Mail Service)	636	635	635	634	-1
CMB (Community Mail Bag)	552	552	552	552	0
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	2,043,075	2,042,578	2,038,986	2,038,952	-34

Street Addresses by State	2019.3	2019.31	2019.32	2019.4	Latest Difference
ACT	206,573	206,636	207,035	207,433	398
NSW	3,936,197	3,941,379	3,948,750	3,952,603	3,853
NT	88,094	88,096	88,171	88,265	94
QLD	2,566,331	2,569,860	2,573,954	2,577,375	3,421
SA	917,933	918,789	919,844	920,825	981
TAS	298,138	298,347	298,748	298,910	162
VIC	3,198,774	3,203,406	3,209,076	3,216,659	7,583
WA	1,317,109	1,318,195	1,319,364	1,320,435	1,071
Total	12,529,149	12,544,708	12,564,942	12,582,505	17,563

PD Type Addresses by State	2019.3	2019.31	2019.32	2019.4	Latest Difference
ACT	39,765	39,765	39,766	39,766	0
NSW	644,772	644,504	641,685	641,603	-82
NT	45,383	45,381	45,424	45,424	0
QLD	459,768	459,797	459,797	459,885	88
SA	175,880	175,880	175,887	175,887	0
TAS	52,197	52,197	52,215	52,215	0
VIC	412,289	412,393	412,138	412,046	-92
WA	213,021	212,661	212,074	212,126	52
Total	2,043,075	2,042,578	2,038,986	2,038,952	-34

Incremental Changes File	2019.3	2019.31	2019.32	2019.4
D - Address no longer contained in new PAF	1,744	2,132	0	2,248
G - Group DID where new Points added to Group	554	529	0	522
L - Locality DID where new Points or Groups added to Locality	360	367	0	361
M - Address changed since previous version of PAF	2,369	3,235	0	2,260
P - Primary Point DPID with new or modified Secondary Points	1,562	1,111	0	1,357
S - New Street added with a similar name to the PAF	41	78	0	76

3 PAF Data Packages

Permission and Delivery Package	2019.3	2019.31	2019.32	2019.4	% of Records
Permission and Delivery File	14,573,957	14,589,405	14,610,204	14,623,694	
• Inactive addresses (Delete)	1,733	2,119	6,276	2,237	0.02%
• Active addresses (Insert, Modify, No Change)	14,572,224	14,587,286	14,603,928	14,621,457	99.98%
o Insert	19,961	17,181	22,918	19,766	0.14%
o Modify	76,870	140,457	51,268	46,056	0.31%
o No change	14,475,393	14,429,648	14,529,742	14,555,635	99.55%
Receive Mail Delivery	11,815,586	11,737,290	11,773,505	11,800,485	80.71%
Non Delivery	2,756,638	2,849,996	2,830,423	2,820,972	19.29%
Accept Advertising mail	8,894,079	8,858,589	8,877,961	8,889,152	60.80%
Residential Only	12,958,287	12,954,278	12,968,863	12,984,342	88.80%
Non Residential Only	1,580,020	1,599,102	1,601,068	1,603,114	10.96%
Both Residential & Non Residential	33,917	33,906	33,997	34,001	0.24%

Suppression Packages

	2019.3	2019.31	2019.32	2019.4	% of Records
Moved Suppression File	6,144,043	6,156,866	6,171,927	6,182,940	
• Inactive addresses (Delete)	507	613	1,061	1,241	0.02%
• Active addresses (Insert, Modify, No Change)	6,143,536	6,156,253	6,170,866	6,181,699	99.98%
o Insert	21,062	13,330	15,674	12,074	0.20%
o Modify	38,465	27,044	32,545	25,977	0.42%
o No change	6,084,009	6,115,879	6,122,647	6,143,648	99.38%

	2019.3	2019.31	2019.32	2019.4	% of Records
Deceased Suppression File	111,907	112,644	113,611	116,083	
• Inactive addresses (Delete)	9	10	29	62,615	53.94%
• Active addresses (Insert, Modify, No Change)	111,898	112,634	113,582	53,468	46.06%
o Insert	1,158	746	977	2,501	4.68%
o Modify	93	63	84	249	0.47%
o No change	110,647	111,825	112,521	50,718	94.85%

Geocoded PAF

	2019.3	2019.31	2019.32	2019.4	% of Records
Letterbox – Feature File	1,111,763	1,111,664	1,111,563	1,111,339	%
• Inactive addresses(Delete)	100	104	225	66	0.01 %
• Active addresses(Insert, Modify, No Change)	1,111,663	1,111,560	1,111,338	1,111,273	99.99 %
○ Insert	3	1	3	1	0.00 %
○ Modify	0	0	0	0	0.00 %
○ No Change	1,111,660	1,111,559	1,111,335	1,111,272	100.00 %

	2019.3	2019.31	2019.32	2019.4	% of Records
Centroid – Feature File	12,500,922	12,499,262	12,514,614	12,513,968	%
• Inactive addresses(Delete)	1,688	1,471	2,512	1,755	0.01 %
• Active addresses(Insert, Modify, No Change)	12,499,234	12,497,791	12,512,102	12,512,213	99.99 %
○ Insert	14,487	28	16,823	1,866	0.01 %
○ Modify	0	0	14,381	0	0.00 %
○ No Change	12,484,747	12,497,763	12,480,898	12,510,347	99.99 %

4 Appendix

<i>Term / Abbreviation</i>	<i>Description</i>
<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.