



PAF News 2020.1

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1 Introduction

Welcome to the PAF News for release 2020.1. 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 FRANCIS BRIGGS RD MELBOURNE AIRPORT VIC 3045
6-16 MEIBUSCH ST RANGEVILLE QLD 4350
SHOP 3/11-19 HILTON TCE TEWANTIN QLD 4565
U 4A/1-3 WHYALLA PL PRESTONS NSW 2170
92-100 LAKE ST EDENHOPE VIC 3318

2 PAF Crunching

PAF Snapshot	2019.32	2019.4	2019.41	2020.1	Latest Difference
Points (DPIDs)	14,603,928	14,621,457	14,639,965	14,657,188	17,223
• Street DPIDs	12,564,942	12,582,505	12,600,920	12,617,722	16,802
• Postal Delivery type DPIDs	2,038,986	2,038,952	2,039,045	2,039,466	421
Postcode	2,941	2,940	2,941	2,941	0
Locality	16,414	16,413	16,416	16,418	2
Synonym	5,839	5,838	5,839	5,841	2
Bordering Locality	81,255	81,229	81,229	81,229	0
Delivery Point Group (i.e. Thoroughfare and Postal Delivery Types)	490,973	491,404	491,890	492,327	437
Street Alternate	2,743	2,759	2,773	2,785	12
Code	637	637	637	637	0

Postcode by State	2019.32	2019.4	2019.41	2020.1	Latest Difference
ACT	32	32	32	32	0
NSW	724	723	723	723	0
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	484	484	485	485	0
Total	2,941	2,940	2,941	2,941	0

Locality by State	2019.32	2019.4	2019.41	2020.1	Latest Difference
ACT	143	143	143	143	0
NSW	4,805	4,804	4,805	4,806	1
NT	353	353	353	353	0
QLD	3,369	3,370	3,372	3,372	0
SA	1,957	1,957	1,957	1,957	0
TAS	780	780	780	780	0
VIC	3,173	3,172	3,172	3,172	0
WA	1,834	1,834	1,834	1,835	1
Total	16,414	16,413	16,416	16,418	2

Streets and their DPIDs	2019.32	2019.4	2019.41	2020.1	Latest Difference
Standard addresses, e.g. 10 Smith Street?	11,727,418	11,744,976	11,763,063	11,779,668	16,605
Ranged addresses, e.g. 10-12 Smith Street?	736,564	736,682	737,058	737,382	324
Lot number addresses	100,960	100,847	100,799	100,672	-127
Primary point addresses	8,686,995	8,695,583	8,705,371	8,713,828	8,457
Secondary point addresses	3,776,987	3,786,075	3,794,750	3,803,222	8,472
Flat and Unit addresses	3,291,954	3,299,678	3,306,552	3,313,613	7,061
Floors and Level addresses	99,841	100,022	100,186	100,341	155
Addresses with Building/Property Name	209,131	209,794	210,547	210,956	409

Major Street Types	2019.32	2019.4	2019.41	2020.1	Latest Difference
ST (Street)	128,329	128,428	128,554	128,660	106
RD (Road)	128,740	128,846	128,930	129,011	81
CT (Court)	45,697	45,729	45,762	45,793	31
AVE (Avenue)	30,634	30,661	30,685	30,711	26
PL (Place)	30,174	30,194	30,227	30,238	11
DR (Drive)	22,385	22,424	22,460	22,487	27
CL (Close)	16,446	16,455	16,473	16,490	17
CRES (Crescent)	14,170	14,181	14,196	14,206	10
No Street Type (Blank)	2,495	2,498	2,497	2,495	-2
Other Street Types	61,948	62,043	62,162	62,291	129
Total	481,018	481,459	481,946	482,382	436

Address of Major Street Types	2019.32	2019.4	2019.41	2020.1	Latest Difference
ST (Street)	4,690,219	4,696,692	4,703,723	4,709,576	5,853
RD (Road)	2,697,915	2,701,033	2,703,898	2,706,895	2,997
CT (Court)	561,211	561,809	562,385	562,985	600
AVE (Avenue)	1,131,211	1,132,806	1,134,272	1,135,935	1,663
PL (Place)	418,683	419,104	419,657	420,023	366
DR (Drive)	848,551	850,210	851,830	853,023	1,193
CL (Close)	214,308	214,421	214,641	214,823	182
CRES (Crescent)	481,826	482,324	483,139	483,772	633
No Street Type (Blank)	98,503	98,596	98,626	98,649	23
Other Street Types	1,422,515	1,425,510	1,428,749	1,432,041	3,292
Total	12,564,942	12,582,505	12,600,920	12,617,722	16,802

Postal Delivery Types	2019.32	2019.4	2019.41	2020.1	Latest Difference
PO Box (Post Office Box)	1,969,062	1,969,034	1,969,129	1,969,549	420
GPO Box (General Post Office Box)	32,392	32,392	32,392	32,392	0
Locked Bag	19,541	19,543	19,543	19,543	0
Private Bag	9,981	9,982	9,982	9,982	0
CARE PO (Care Post Office)	4,035	4,029	4,028	4,029	1
RMB (Roadside Mail Bag/Box)	1,783	1,781	1,781	1,781	0
RSD (Road Side Delivery)	1,002	1,002	1,002	1,002	0
MS (Mail Service)	635	634	633	633	0
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	2,038,986	2,038,952	2,039,045	2,039,466	421

Street Addresses by State	2019.32	2019.4	2019.41	2020.1	Latest Difference
ACT	207,035	207,433	208,077	208,138	61
NSW	3,948,750	3,952,603	3,958,897	3,963,342	4,445
NT	88,171	88,265	88,341	88,341	0
QLD	2,573,954	2,577,375	2,580,591	2,582,969	2,378
SA	919,844	920,825	921,649	922,447	798
TAS	298,748	298,910	299,295	300,089	794
VIC	3,209,076	3,216,659	3,222,214	3,229,364	7,150
WA	1,319,364	1,320,435	1,321,856	1,323,032	1,176
Total	12,564,942	12,582,505	12,600,920	12,617,722	16,802

PD Type Addresses by State	2019.32	2019.4	2019.41	2020.1	Latest Difference
ACT	39,766	39,766	39,766	39,766	0
NSW	641,685	641,603	641,627	641,627	0
NT	45,424	45,424	45,424	45,483	59
QLD	459,797	459,885	459,883	459,972	89
SA	175,887	175,887	175,923	175,923	0
TAS	52,215	52,215	52,215	52,301	86
VIC	412,138	412,046	412,080	412,227	147
WA	212,074	212,126	212,127	212,167	40
Total	2,038,986	2,038,952	2,039,045	2,039,466	421

Incremental Changes File	2019.32	2019.4	2019.41	2020.1
D - Address no longer contained in new PAF	0	2,248	2,128	1,788
G - Group DID where new Points added to Group	0	522	635	680
L - Locality DID where new Points or Groups added to Locality	0	361	437	444
M - Address changed since previous version of PAF	0	2,260	3,384	2,268
P - Primary Point DPID with new or modified Secondary Points	0	1,357	1,744	1,726
S - New Street added with a similar name to the PAF	0	76	74	43

3 PAF Data Packages

Permission and Delivery Package	2019.32	2019.4	2019.41	2020.1	% of Records
Permission and Delivery File	14,610,204	14,623,694	14,642,084	14,658,967	
• Inactive addresses (Delete)	6,276	2,237	2,119	1,779	0.01%
• Active addresses (Insert, Modify, No Change)	14,603,928	14,621,457	14,639,965	14,657,188	99.99%
o Insert	22,918	19,766	20,627	19,002	0.13%
o Modify	51,268	46,056	37,719	56,069	0.38%
o No change	14,529,742	14,555,635	14,581,619	14,582,117	99.49%
Receive Mail Delivery	11,773,505	11,800,485	11,818,981	11,846,245	80.82%
Non Delivery	2,830,423	2,820,972	2,820,984	2,810,943	19.18%
Accept Advertising mail	8,877,961	8,889,152	8,898,860	8,910,774	60.79%
Residential Only	12,968,863	12,984,342	13,002,494	13,015,668	88.80%
Non Residential Only	1,601,068	1,603,114	1,603,261	1,607,308	10.97%
Both Residential & Non Residential	33,997	34,001	34,210	34,212	0.23%

Suppression Packages

	2019.32	2019.4	2019.41	2020.1	% of Records
Moved Suppression File	6,171,927	6,182,940	6,199,700	6,212,226	
• Inactive addresses (Delete)	1,061	1,241	455	1,286	0.02%
• Active addresses (Insert, Modify, No Change)	6,170,866	6,181,699	6,199,245	6,210,940	99.98%
o Insert	15,674	12,074	18,001	12,981	0.21%
o Modify	32,545	25,977	36,939	27,261	0.44%
o No change	6,122,647	6,143,648	6,144,305	6,170,698	99.35%

	2019.32	2019.4	2019.41	2020.1	% of Records
Deceased Suppression File	113,611	116,083	117,175	116,337	
• Inactive addresses (Delete)	29	62,615	1,654	9	0.01%
• Active addresses (Insert, Modify, No Change)	113,582	53,468	115,521	116,328	99.99%
o Insert	977	2,501	63,707	816	0.70%
o Modify	84	249	234	75	0.06%
o No change	112,521	50,718	51,580	115,437	99.24%

Geocoded PAF

	2019.32	2019.4	2019.41	2020.1	% of Records
Letterbox – Feature File	1,111,563	1,111,339	1,111,277	1,111,133	%
• Inactive addresses(Delete)	225	66	144	59	0.01 %
• Active addresses(Insert, Modify, No Change)	1,111,338	1,111,273	1,111,133	1,111,074	99.99 %
o Insert	3	1	4	0	0.00 %
o Modify	0	0	0	0	0.00 %
o No Change	1,111,335	1,111,272	1,111,129	1,111,074	100.00 %

	2019.32	2019.4	2019.41	2020.1	% of Records
Centroid – Feature File	12,514,614	12,513,968	12,512,265	12,526,804	%
• Inactive addresses(Delete)	2,512	1,755	1,953	1,756	0.01 %
• Active addresses(Insert, Modify, No Change)	12,512,102	12,512,213	12,510,312	12,525,048	99.99 %
o Insert	16,823	1,866	52	16,492	0.13 %
o Modify	14,381	0	0	0	0.00 %
o No Change	12,480,898	12,510,347	12,510,260	12,508,556	99.87 %

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.