

AddressBase® Products December 2018

Epoch 63 Release



Release Note Version 1.0

GB Coverage

Introduction

This release note provides information about the December 2018 release of the AddressBase Products.

These products were released to customers on **December 6th 2018**.

1. Product counts

The following are product counts for the non-geographic chunked release of the AddressBase products:

Product	Full Supply record count*	Change Only Update record count*
AddressBase	29,025,521	4,358,249
AddressBase Plus	36,139,903	5,700,223
AddressBase Premium		
Street	1,412,449	10,789
Street Descriptor	1,524,731	7,322
BLPU	38,366,483	4,964,771
Classification	42,107,496	434,360
LPI	42,781,195	204,364
Organisation	1,239,757	27,914
Delivery Point Address	29,112,671	98,244
Application Cross Ref.	187,902,605	1,361,127
Successor	0	0

*these counts are based on a Managed Great Britain Set (MGBS). If you have ordered your national coverage via the online ordering system using a polygon outline then your counts may differ.

2. Product Comparison

There is a difference in product counts between taking a National Managed Great Britain Set (MGBS) and a National Area of Interest (AOI). This is because the two supplies use different selection criteria. The differences are shown below allowing for you to validate your data holdings once you have loaded the latest release of AddressBase data.

The National AOI refers to the pre-selection GB polygon from our download store. Therefore if you have drawn your own area of interest the count will vary.

If you are unsure of your supply type please check with your relationship manager.

Product	MGBS Full Count	National AOI Full Count	Difference
AddressBase	29,025,521	29,025,521	0
AddressBase Plus	36,139,903	36,139,900	3
AddressBase Premium			
Street	1,412,449	1,348,266	64,183
Street Descriptor	1,524,731	1,446,621	78,110
BLPU	38,366,483	38,366,479	4
Classification	42,107,496	42,107,492	4
LPI	42,781,195	42,781,191	4
Organisation	1,239,757	1,239,756	1
Delivery Point Address	29,112,671	29,112,671	0
Application Cross Ref.	187,902,605	187,902,601	4
Successor	0	0	0

3. Changed Records

If you receive a Change Only Update (COU) supply for your AddressBase product, you will receive Insert, Update and Delete records within the supplied file. The below tables detail the amount of each of these records which can be expected in an **MGBS supply**, and also how many tiles are affected if you take your supply as Changed Chunks.

AddressBase –

Change Type	Count
Inserts	65,531
Updates	4,271,772
Deletes	20,946
COU Populated Tile Count	8,808

AddressBase Plus –

Change Type	Count
Inserts	72,192
Updates	5,608,132
Deletes	19,899
COU Populated Tile Count	9,066

AddressBase Premium –

	Inserts	Updates	Deletes
Street	2,147	8,551	91
Street Descriptor	2,511	4,712	99
BLPU	71,599	4,886,782	6,390
Classification	97,111	311,409	25,840
LPI	95,183	100,322	8,859
Organisation	10,533	10,980	6,401
Delivery Point Address	54,809	30,189	13,246
Application Cross Ref.	328,438	968,798	63,891
COU Address Populated Tile Count		9,072	
COU Street Populated Tile Count		4,197	

4. Source data currency

The following information relates to the currency of the source data used in the creation of Epoch 63:

Data Source	Date
Royal Mail PAF	09 Nov 2018
National Land and Property Gazetteer	09 Nov 2018
One Scotland Gazetteer	23 Oct 2018
VOA Non Domestic Rates	05 Nov 2018
VOA Council Tax	05 Nov 2018
OS Mastermap Topography Layer	22 Oct 2018
OS Mastermap Integrated Networks Layer	22 Oct 2018
Code-Point with Polygons	13 Sept 2018
BoundaryLine	20 Mar 2018

5. Data Issues

AddressBase Issues

Affected output formats: CSV and GML

No non-conformities identified.

AddressBase Plus Issues

Affected output formats: CSV and GML

- There are 6,070 UPRNs which reference a Parent UPRN which cannot be found in product.
This is because the Parent UPRN is either provisional or historic and not matched to PAF or VOA meaning it is not included in the AddressBase Plus product, as per the existing background logic rules.

AddressBase Premium Issues

Affected output formats: CSV

- There are 56,936 records with a Street State Date and no State value. These records are being discussed with the data supplier.

6. Improvements in Epoch 63

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 63 are detailed as follows based on VOA records up to 05 Nov 2018.

The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
CTAX	25,760,362	99.955
NDR	2,047,234	95.864

Tertiary Classifications

Work is being actively undertaken to improve the classifications of records within the AddressBase Products.

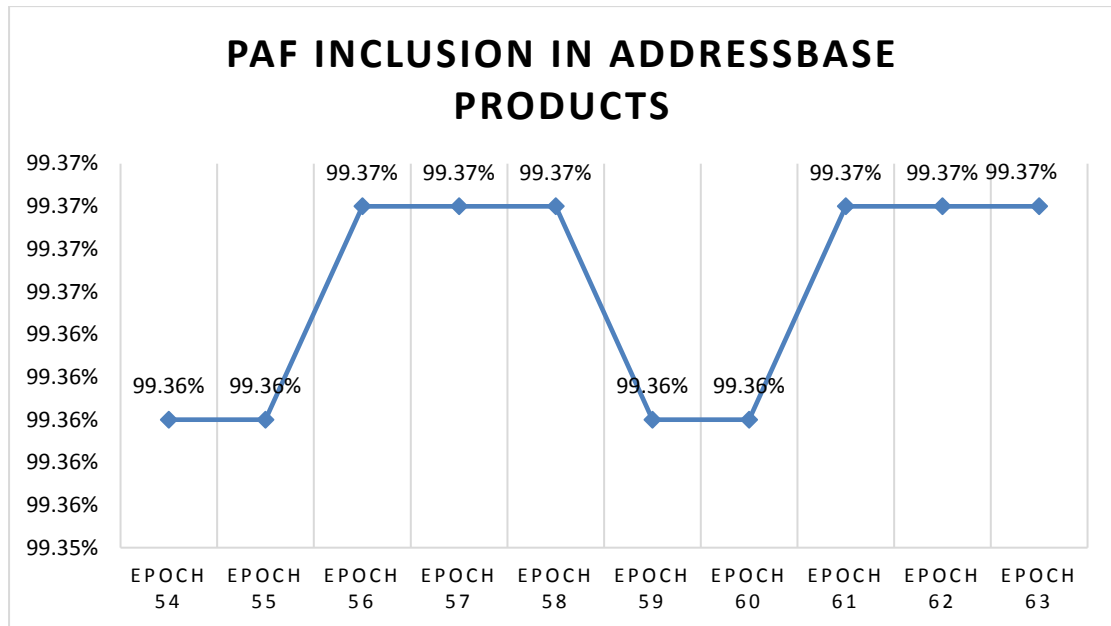
This work has resulted in 238,476 more Tertiary Classifications present in Epoch 62. 92.70% of these are residential codes. In total since this work began over 29 million records have been classified to a tertiary level.

The following list shows Authorities where the Residential Tertiary Classification Count has increased by over 10,000 or where the increase is greater than 10% since the last epoch.

Bolton Metropolitan Borough Council	Nottingham City Council
South Cambridgeshire District Council	Stafford Borough Council
Newcastle City Council	

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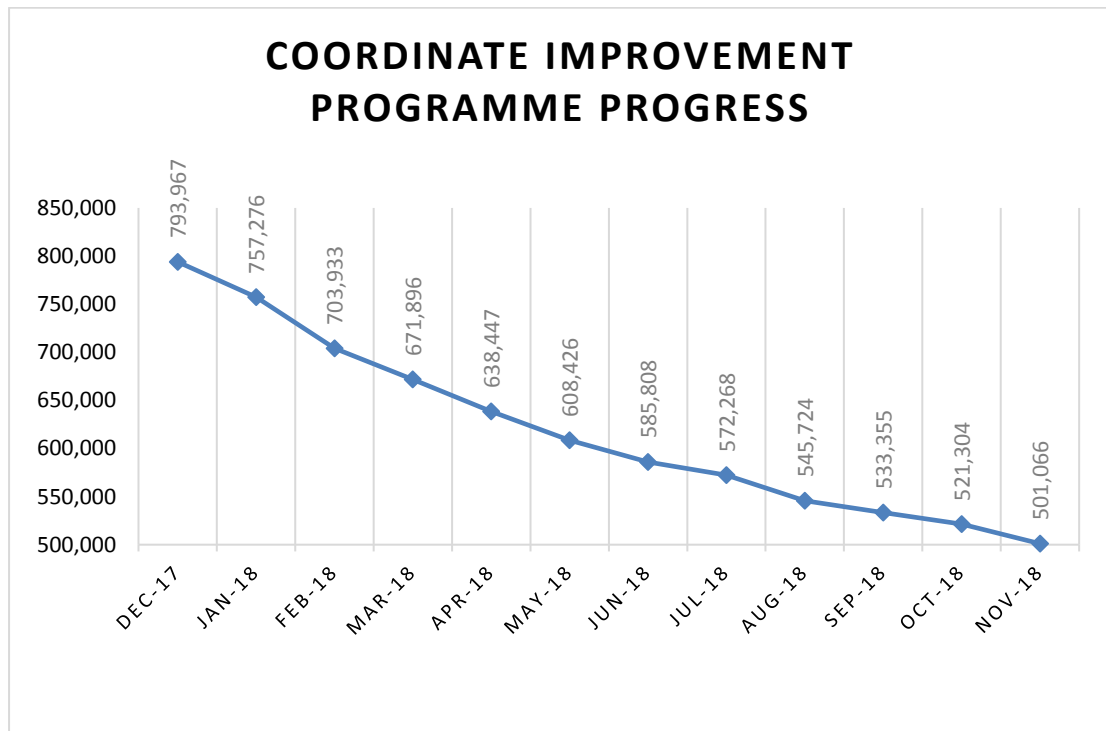
PAF Inclusion



Coordinate Accuracy

Within our existing coordinate accuracy programme, we have identified a pool of records for which the location potentially requires review. We are undertaking work to ensure these points exist in the correct location.

The graph below shows our progress through the remaining numbers of points to be checked under this scheme of work.



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RPC Changes

Over the next three releases (Epoch 62 – 64) we will be rolling out the RPC improvements as consulted on and previously announced. This will result in a total of over 13 million updates in addition to any usual changes as expected between releases. Please note that for the purpose of loading, all changes to the product are treated equal and a record having an RPC change applied may also contain other changes that were routinely made this Epoch. The amount of change related to RPC value adjustments will be split roughly evenly across the 3 release cycles.

With exception of the 45 authorities shown below the first release in Epoch 62 will ensure RPC values are correct in respect of an address seed falling within (RPC 1 & 2) or outside (RPC 3,4,5 & 9) of a building. Remaining corrections will ensure RPC 1 and RPC 2 are correctly assigned.

The 45 authorities excluded from this have the initial RPC value correction spread out across the three releases due to the number of address seeds requiring correction.

ALLERDALE	LEEDS
BABERGH	LINCOLN
BRECKLAND	MERTHYR TYDFIL
BRENT	MERTON
BROMSGROVE	MORAY
BROXBOURNE	NEATH PORT TALBOT
CAMDEN	NORTH LANARKSHIRE
CARLISLE	NORTH TYNESIDE
CHELMSFORD	NUNEATON AND BEDWORTH
CITY OF KINGSTON UPON HULL	READING
CLACKMANNANSHIRE	RENFREWSHIRE
DUMFRIES AND GALLOWAY	RUSHMOOR
EAST AYRSHIRE	SOUTH AYRSHIRE
EAST LOTHIAN	SOUTH GLOUCESTERSHIRE
EASTBOURNE	SOUTH LANARKSHIRE
ELMBRIDGE	ST ALBANS
FAREHAM	STIRLING
GRAVESHAM	SUNDERLAND
GREAT YARMOUTH	TANDRIDGE
HARLOW	THE VALE OF GLAMORGAN
HAVANT	TORFAEN
IPSWICH	WORCESTER
KENSINGTON AND CHELSEA	

Changes in product as a result of RPC improvements (*predicted* / **actual**):

Epoch 62 – **4,800,788**

Epoch 63 – **3,877,091**

Epoch 64 – 3,893,773

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Specification Changes

As part of our RPC changes we have amended the wording of the RPC value descriptions in our specification. This is a minor change, incrementing the namespace from 2.0 to 2.1 for all three AddressBase products (not including AddressBase Islands). Please note that the difference is purely cosmetic and the structure of the data remains unchanged.

RPC Code	Description (Old)	Description (New)	Implemented as (see https://www.ordnancesurvey.co.uk/business-and-government/help-and-support/products/addressbase-improvements.html for full details):
1	Visual Centre.	Central Internal Position	The address seed is contained within , and not further than 2.5m away from, the calculated centre of the OS MasterMap Topography Layer surveyed building it is contained within. <i>Or</i> The seed is in the best possible position based on the nature of the premises e.g. Development Land, House Boat, Wind Farm.
2	General Internal Point	General Internal Position.	The address seed is contained within an OS MasterMap Topography Layer surveyed building but is further then 2.5m away from the centre. <i>Or</i> The seed is in an internal position based on the nature of the premises e.g. Development Land, House Boat.
3	SW Corner of referenced 100m grid square	Transitional Position.	The address seed has been changed from provisional to live in the last six months . It has been captured to a high level of positional accuracy but the OS Mastermap Topography Layer building is not present . The address seed will only be moved pending any imminent mapping updates.
4	Start of referenced Street	Street Location.	The address seed is plotted in accordance with the declared street start or end coordinates. Please note this is the highest accuracy possible for Street Records.
5	General point based on postcode unit	Postcode Unit Position.	The address seed has been captured to Postcode Unit level . It will be updated when more information becomes available.
9	Centre of Contributing Authority area	Low accuracy - marked for priority review.	This address seed has been captured to a lower level of accuracy and will be updated as a priority over the coming releases.

Further information on the RPC changes and the related specification changes can be found at <https://www.ordnancesurvey.co.uk/business-and-government/help-and-support/products/addressbase-improvements.html>.