

AddressBase® Products September 2019

Epoch 70 Release



Release Note Version 1.0

GB Coverage

Version	Change
1.0	Initial version.

Introduction

This release note provides information about the September 2019 release of the AddressBase Products.

These products were released to customers on **September 25th 2019**.

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	29,225,212	207,595
AddressBase Plus	36,565,065	1,012,309
AddressBase Premium		
Street	1,428,943	9,663
Street Descriptor	1,543,659	3,321
BLPU	38,868,696	621,190
Classification	42,651,660	237,563
LPI	43,394,069	205,032
Organisation	1,245,490	18,245
Delivery Point Address	29,316,946	66,730
Application Cross Ref.	189,861,439	1,193,401
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	29,225,212	29,225,212	0
AddressBase Plus	36,565,065	36,565,060	5
AddressBase Premium			
Street	1,428,943	1,361,921	67,022
Street Descriptor	1,543,659	1,461,348	82,311
BLPU	38,868,696	38,868,690	6
Classification	42,651,660	42,651,654	6
LPI	43,394,069	43,394,063	6
Organisation	1,245,490	1,245,489	1
Delivery Point Address	29,316,946	29,316,946	0
Application Cross Ref.	189,861,439	189,861,433	6
Successor	0	0	0

The different in the Street and Street Descriptor is explained by the AOI extraction process only selecting streets linked to an LPI record for inclusion and counted in the AOI supply.

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	41,759
Updates	149,699
Deletes	16,137
COU Populated Tile Count	5,879

AddressBase Plus –

Change Type	Count
Inserts	60,954
Updates	933,378
Deletes	17,977
COU Populated Tile Count	7,543

AddressBase Premium –

	Inserts	Updates	Deletes
Street	1,959	7,681	23
Street Descriptor	2,073	1,221	27
BLPU	64,346	551,834	5,010
Classification	92,754	119,303	25,506
LPI	82,738	115,729	6,565
Organisation	6,925	6,223	5,097
Delivery Point Address	39,365	14,822	12,543
Application Cross Ref.	288,148	860,678	44,575
COU Address Populated Tile Count		7,633	
COU Street Populated Tile Count		3,904	

4. Source data currency

The following information relates to the currency of the source data used in the creation of Epoch 70:

Data Source	Date
Royal Mail PAF	23 August 2019
National Land and Property Gazetteer	23 August 2019
One Scotland Gazetteer	14 August 2019
VOA Non Domestic Rates	19 August 2019
VOA Council Tax	19 August 2019
OS MasterMap Topography Layer	08 August 2019
OS MasterMap Highways Network	02 August 2019
Code-Point with Polygons	05 June 2019
Boundary-Line	23 April 2019

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 5,733 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.
- There are 702 records with a sao_start_no or sao_text that have no Parent UPRN in the product.

This is because the Parent UPRN is a historical record which are included as part of the new logic for record inclusion in AddressBase Plus.

AddressBase Premium Issues

Affected output formats: CSV

- There are 52,295 records with a Street State Date and no State value. These records are being discussed with the data supplier.

6. Improvements in Epoch 70

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 70 are detailed as follows based on VOA records up to 19 August 2019.

The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
CTAX	25,964,063	99.953
NDR	2,077,849	95.708

Tertiary Classifications

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

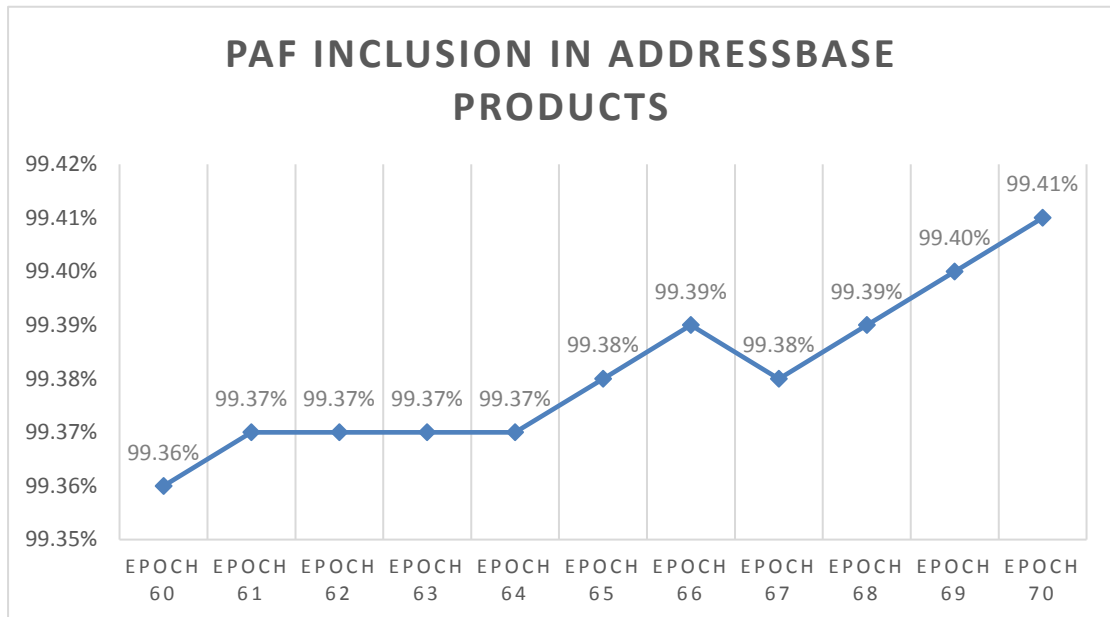
This work has resulted in 130,524 more Tertiary Classifications present in Epoch 70 compared to Epoch 69. Of the 130,524 total updates 89.83% of these are residential codes. In total since this work began over 29 million records have been classified to a tertiary level.

The following list shows Authorities where the Residential Tertiary Classification Count has increased by over 5% since the last epoch.

Eastleigh Borough Council	London Borough of Lewisham
Oldham Metropolitan Borough Council	

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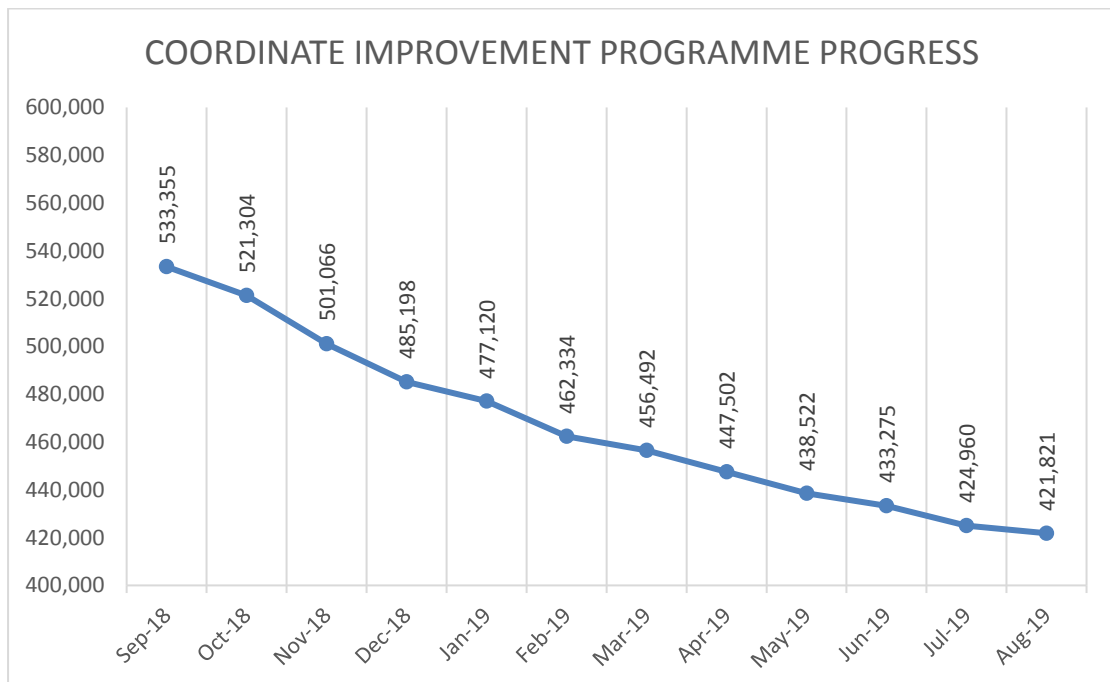
PAF Inclusion



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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Primary Classifications (Scotland)

Since Epoch 60 there has been a concentrated effort to improve "Unclassified" BLPU records in Scotland. In Epoch 70 just under 2,000 records have been correctly classified since the last release with nearly 80,000 improvements made since Epoch 60.

Level fields

There are approximately 190 UPRNs in Scotland that have a level in the LPI table that is equal to '9999'. This is a temporary level field entry whilst more information is collected by the local authority on the level of the address and will be corrected in future releases.