

AddressBase® Products November 2019

Epoch 71 Release



Release Note Version 1.0

GB Coverage

Version	Change
1.0	Initial version.

Introduction

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

These products were released to customers on **November 6th 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	29,255,122	172,229
AddressBase Plus	36,615,113	807,828
AddressBase Premium		
Street	1,430,431	6,392
Street Descriptor	1,545,235	4,049
BLPU	38,929,128	545,562
Classification	42,715,180	220,829
LPI	43,472,574	249,592
Organisation	1,247,229	17,241
Delivery Point Address	29,347,853	62,623
Application Cross Ref.	190,112,776	859,780
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	29,255,122	29,255,122	0
AddressBase Plus	36,615,113	36,615,109	4
AddressBase Premium			
Street	1,430,431	1,363,485	66,946
Street Descriptor	1,545,235	1,463,000	82,235
BLPU	38,929,128	38,929,123	5
Classification	42,715,180	42,715,175	5
LPI	43,472,574	43,472,569	5
Organisation	1,247,229	1,247,228	1
Delivery Point Address	29,347,853	29,347,853	0
Application Cross Ref.	190,112,776	190,112,771	5
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	41,111
Updates	119,917
Deletes	11,201
COU Populated Tile Count	5,604

AddressBase Plus –

Change Type	Count
Inserts	65,238
Updates	727,400
Deletes	15,190
COU Populated Tile Count	7,744

AddressBase Premium –

	Inserts	Updates	Deletes
Street	1,595	4,690	107
Street Descriptor	1,686	2,253	110
BLPU	64,841	476,312	4,409
Classification	86,757	110,835	23,237
LPI	84,065	159,967	5,560
Organisation	6,861	5,258	5,122
Delivery Point Address	40,508	12,514	9,601
Application Cross Ref.	290,989	529,139	39,652
COU Address Populated Tile Count	7,912		
COU Street Populated Tile Count	3,963		

4. Source data currency

The following information relates to the currency of the source data used in the creation of Epoch 71:

Data Source	Date
Royal Mail PAF	04 October 2019
National Land and Property Gazetteer	04 October 2019
One Scotland Gazetteer	24 September 2019
VOA Non Domestic Rates	02 October 2019
VOA Council Tax	02 October 2019
OS MasterMap Topography Layer	23 September 2019
OS MasterMap Highways Network	03 September 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 5,087 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 675 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 52,146 records with a Street State Date and no State value. These records are being discussed with the data supplier.

6. Improvements in Epoch 71

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 71 are detailed as follows based on VOA records up to 02 October 2019.

The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
CTAX	26,000,523	99.938
NDR	2,083,946	95.791

Tertiary Classifications

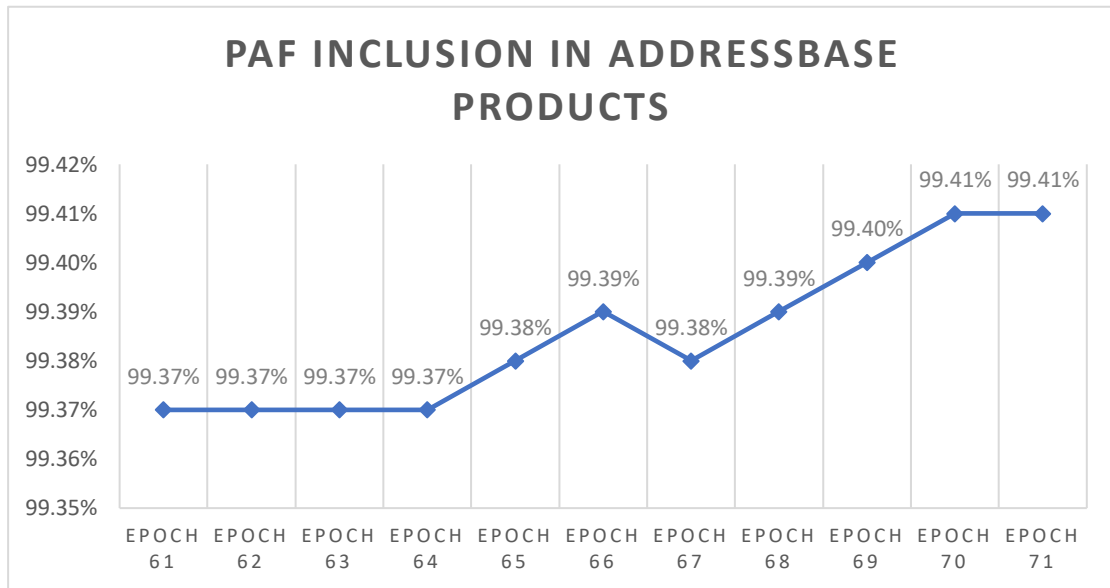
Work is being actively undertaken to improve the classifications of records within the AddressBase Products.

This work has resulted in 100,529 more Tertiary Classifications present in Epoch 71 compared to Epoch 70. Of the 100,529 total updates 83.62% of these are Residential codes. In total since this work began over 29 million records have been classified to a tertiary level.

No Authorities have had a percentage increase in Residential Tertiary Classification Count over 5% in the Epoch 71 timeframe.

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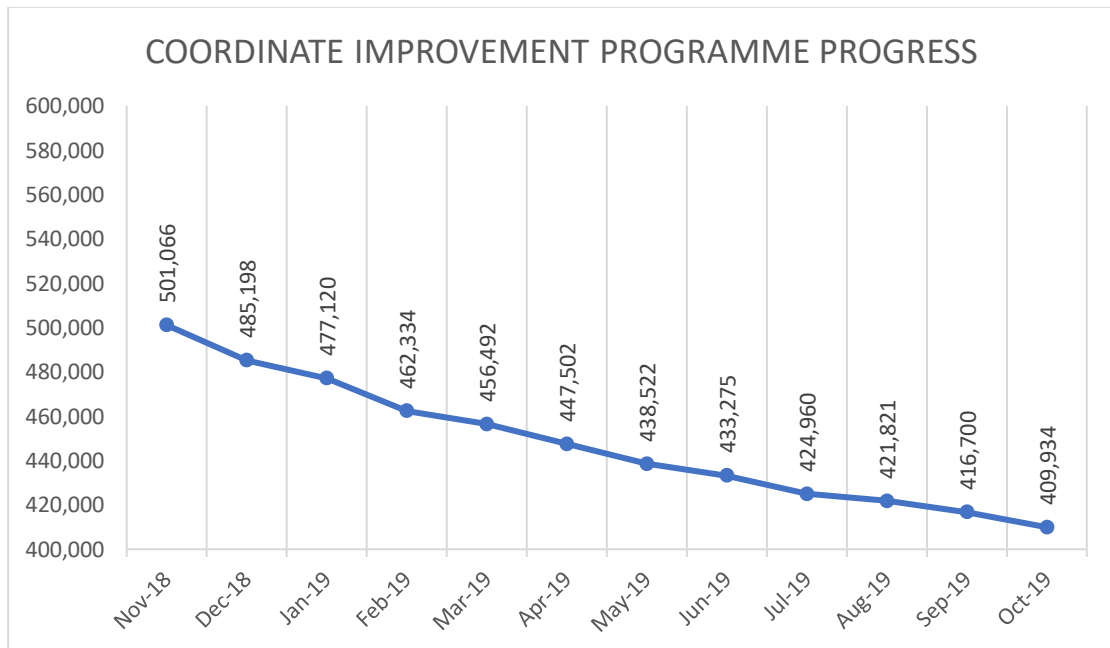
PAF Inclusion



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 71 approximately 24,500 records have been correctly classified since the last release with over 90,000 improvements made since Epoch 62.

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.