

AddressBase® Products January 2020

Epoch 73 Release



Release Note Version 1.1

GB Coverage

Version	Change
1.1	Corrections and information on AddressBase Premium supply

Introduction

This release note provides information about the January 2020 release of the AddressBase Products.

These products were released to customers on **January 30th 2020**.

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	29,325,487	208,767
AddressBase Plus	36,699,126	951,114
AddressBase Premium		
Street	1,433,792	16,094
Street Descriptor	1,548,791	8,856
BLPU	39,038,671	524,531
Classification	42,843,068	239,116
LPI	43,614,900	163,068
Organisation	1,251,360	16,278
Delivery Point Address	29,420,555	70,183
Application Cross Ref.	190,527,358	1,050,432
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	29,325,487	29,325,487	0
AddressBase Plus	36,699,126	36,699,122	4
AddressBase Premium			
Street	1,433,792	1,366,828	66,964
Street Descriptor	1,548,791	1,466,528	82,263
BLPU	39,038,671	39,038,666	5
Classification	42,843,068	42,843,063	5
LPI	43,614,900	43,614,895	5
Organisation	1,251,360	1,251,359	1
Delivery Point Address	29,420,555	29,420,555	0
Application Cross Ref.	190,527,358	190,527,353	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	45,978
Updates	152,120
Deletes	10,669
COU Populated Tile Count	5,328

AddressBase Plus –

Change Type	Count
Inserts	57,966
Updates	875,660
Deletes	17,488
COU Populated Tile Count	7,272

AddressBase Premium –

	Inserts	Updates	Deletes
Street	1,883	14,152	59
Street Descriptor	1,986	6,798	72
BLPU	56,238	464,302	3,991
Classification	83,968	135,422	19,726
LPI	72,976	84,999	5,093
Organisation	6,573	5,673	4,032
Delivery Point Address	46,506	13,509	10,168
Application Cross Ref.	243,092	772,136	35,204
COU Address Populated Tile Count	7,299		
COU Street Populated Tile Count	4,092		

It is important that COUs are processed with Deletes first, then Inserts and Updates. This is to ensure that updates are applied in the correct order. Guidance of this can be found in Section 10 of the Getting Started Guide on the AddressBase Product Support webpage.

4. Source data currency

The following information relates to the currency of the source data used in the creation of Epoch 73:

Data Source	Date
Royal Mail PAF	3 January 2020
National Land and Property Gazetteer	3 January 2020
One Scotland Gazetteer	17 December 2019
VOA Non Domestic Rates	16 December 2019
VOA Council Tax	16 December 2019
OS MasterMap Topography Layer	16 December 2019
OS MasterMap Highways Network	3 December 2019
Code-Point with Polygons	19 November 2019
Boundary-Line	1 October 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 4,558 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 697 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 45,762 records with a Street State Date and no State value. These records are being discussed with the data supplier.

Affected output formats: CSV and GML

- There 56 records in the GML COU which are not in the CSV COU. This is due to phantom change. Scenarios whereby components are inserted against a record then deleted between Epochs, which results in the record being the same at the start and the end of the COU period, are provided as an update in the GML COU.

6. Improvements in Epoch 73

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 73 are detailed as follows based on VOA records up to 16 December 2019.

The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
CTAX	26,053,526	99.95
NDR	2,084,265	96.31

Tertiary Classifications

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

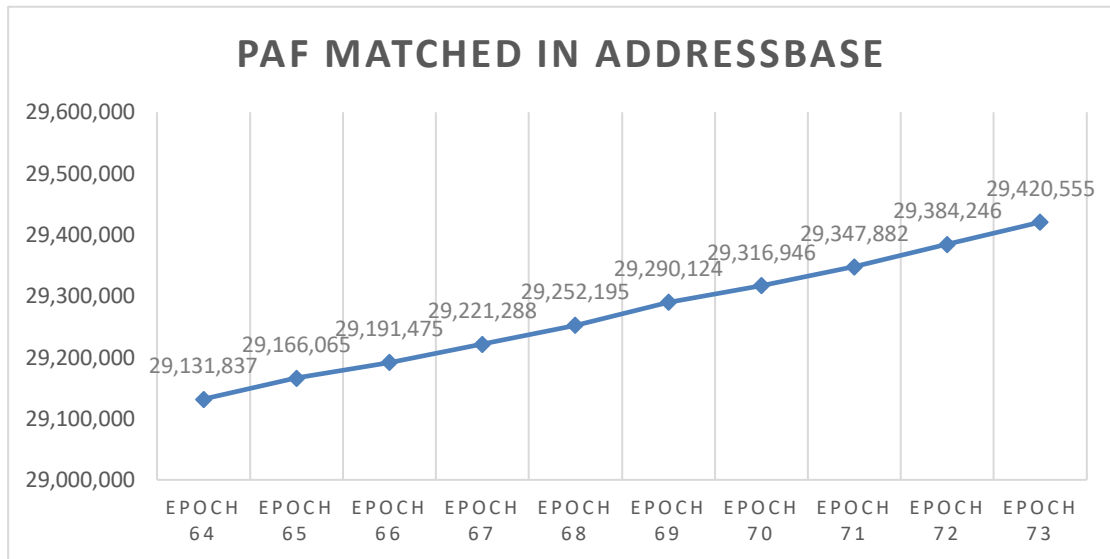
This work has resulted in 142,064 more Tertiary Classifications present in Epoch 73 compared to Epoch 70. Of the 142,064 total updates, 91.24% of these are residential codes. In total since this work began over 29 million records have been classified to a tertiary level.

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

Leicester City Council	London Borough of Ealing
------------------------	--------------------------

Document continues on next page.

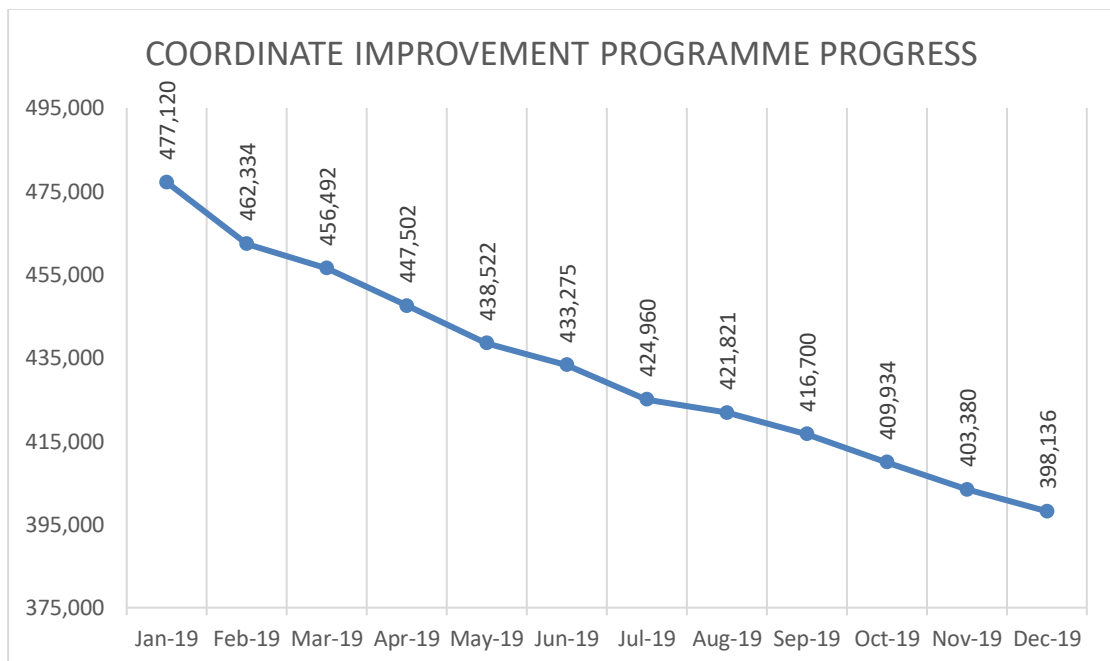
PAF Match



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.



Document continues on next page.

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. These will be corrected for Epoch 74.

PAF Matching

A number of large user and non-geographic postcodes from Royal Mail PAF data that were previously excluded from product have been reviewed. A match has been found for 774 of these PAF addresses and are included into Epoch 73. This work will continue over the next few Epochs to increase PAF inclusion within AddressBase.

7. File supply differences (AddressBase Premium only)

We have updated the architecture for the creation of AddressBase Premium which has resulted in the following changes to the supply of AddressBase Premium:

- The structure within the zip folder has changed to only include a Data folder. The documents and resources that were previously supplied with product will be maintain on the Product Support web pages.
- The medialis.txt file is no longer supplied with product and all metadata about the order is provided in a file called orderdetails.txt.
- The method used to compress the data during product creation has changed and has resulted in an increase in the file size.

The above changes have no impact on the data within the product and only affect the supply. This only affects the supply of AddressBase Premium. The supply of AddressBase and AddressBase Plus have not changed.

