

AddressBase® Products March 2020

Epoch 74 Release



Release Note Version 1.1

GB Coverage

Version	Change
1.1	Correction of classification update

Introduction

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

These products were released to customers on **March 12th 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	29,357,086	205,905
AddressBase Plus	36,740,422	1,258,152
AddressBase Premium		
Street	1,435,691	20,584
Street Descriptor	1,550,803	6,666
BLPU	39,099,224	594,743
Classification	42,903,661	227,202
LPI	43,689,945	516,803
Organisation	1,265,704	29,551
Delivery Point Address	29,453,417	70,131
Application Cross Ref.	190,773,976	1,102,694
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	29,357,086	29,357,086	0
AddressBase Plus	36,740,422	36,740,418	4
AddressBase Premium			
Street	1,435,691	1,368,773	66,918
Street Descriptor	1,550,803	1,468,590	82,213
BLPU	39,099,224	39,099,219	5
Classification	42,903,661	42,903,656	5
LPI	43,689,945	43,689,940	5
Organisation	1,265,704	1,265,703	1
Delivery Point Address	29,453,417	29,453,417	0
Application Cross Ref.	190,773,976	190,773,971	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	45,785
Updates	145,934
Deletes	14,186
COU Populated Tile Count	5,495

AddressBase Plus –

Change Type	Count
Inserts	61,416
Updates	1,176,616
Deletes	20,120
COU Populated Tile Count	8,077

AddressBase Premium –

	Inserts	Updates	Deletes
Street	2,006	18,471	107
Street Descriptor	2,140	4,398	128
BLPU	66,286	522,724	5,733
Classification	85,792	116,211	25,199
LPI	81,608	428,632	6,563
Organisation	19,807	4,281	5,463
Delivery Point Address	44,217	14,559	11,355
Application Cross Ref.	292,056	765,200	45,438
COU Address Populated Tile Count	8,146		
COU Street Populated Tile Count	4,067		

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 74:

Data Source	Date
Royal Mail PAF	5 February 2020
National Land and Property Gazetteer	7 February 2020
One Scotland Gazetteer	28 January 2020
VOA Non-Domestic Rates	3 February 2020
VOA Council Tax	3 February 2020
OS MasterMap Topography Layer	27 January 2020
OS MasterMap Highways Network	6 January 2020
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 3,988 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 674 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 logic for record inclusion in AddressBase Plus.

AddressBase Premium Issues

Affected output formats: CSV

- There are 45,472 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 74

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 74 are detailed as follows based on VOA records up to 3 February 2020.

The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
CTAX	26,081,885	99.96
NDR	2,087,536	96.14

Tertiary Classifications

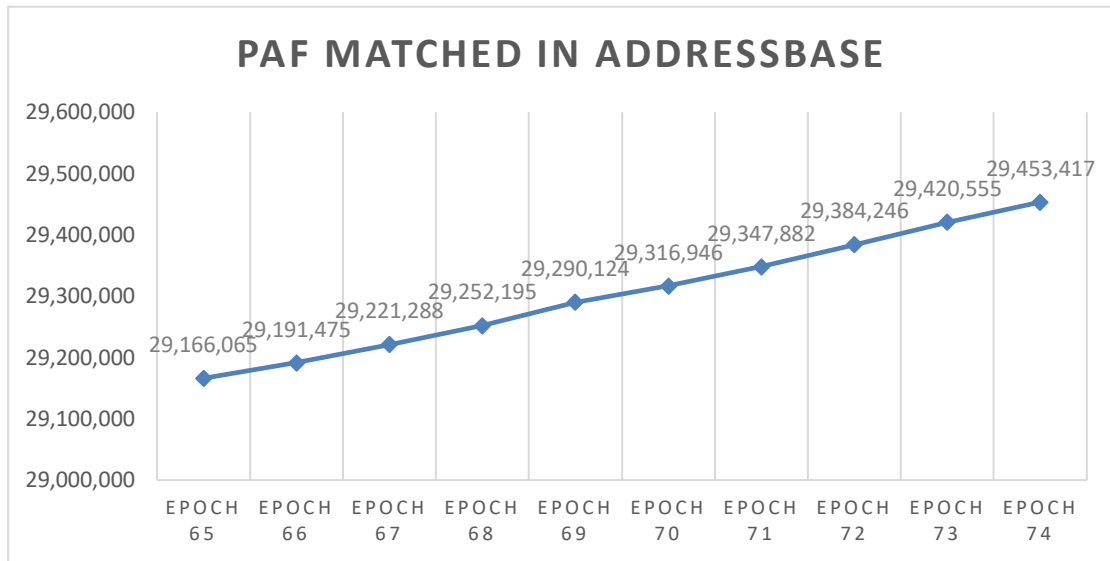
Work is being actively undertaken to improve the classifications of records within the AddressBase Products.

This work has resulted in 138,821 more Tertiary Classifications present in Epoch 74 compared to Epoch 73. Of the 138,821 total updates, 83.50% of these are residential codes.

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

Bristol City Council	St. Helens Council
South Somerset District Council	

PAF Match

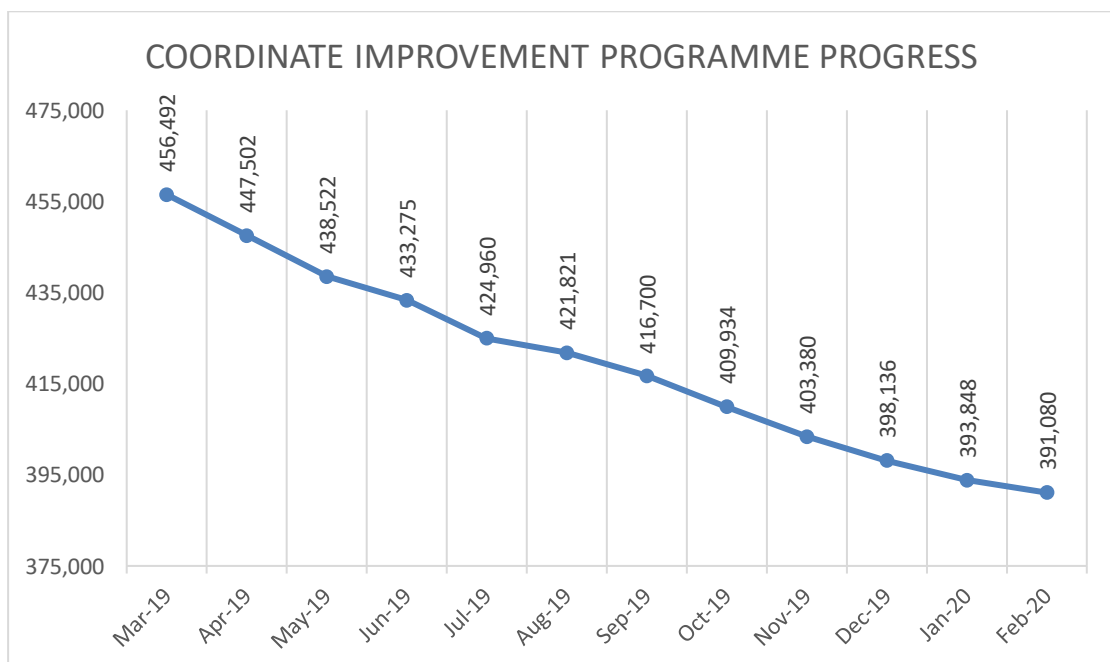


Approximately 10,000 large user and non-geographic postcodes from Royal Mail PAF data have been reviewed and matched into Epoch 74. This Epoch also includes 6,000 records where a viable match has been made for a PAF records that was previously deemed out of scope. This work has resulted in the number of unique postcodes from PAF that are not in the AddressBase Premium product reducing from 25,394 in Epoch 73 to 10,309 in Epoch 74.

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.



Level fields

A text cleansing exercise has been conducted on the Level field of the LPI table to remove entries whereby the entry was non-level related. This includes the removal of '9999' which was previously reported as an error. In total approximately 330,000 records have had the text in the Level field removed.

7. File supply differences

For Epoch 73 we updated the architecture for the creation of AddressBase Premium which has resulted in the following changes to the supply of AddressBase Premium **MGBS** only:

- 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.

We are currently updating the architecture of AddressBase and AddressBase Plus, which should be completed for Epoch 75. This will mean the changes listed on the three bullet points above will be applied to the next release of AddressBase and AddressBase Plus **MGBS**.

