

# AddressBase® Products October 2020

## Epoch 79 Release



### Release Note Version 1.0

GB Coverage

Version	Change
1.0	Initial Release

## Introduction

This release note provides information about the October 2020 release of the AddressBase products. These products were released to customers on **October 8<sup>th</sup> 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**
<b>OS Open UPRN</b>	39,342,571	
<b>AddressBase</b>	29,466,995	136,016
<b>AddressBase Plus</b>	36,914,771	718,995
<b>AddressBase Premium</b>		
Street	1,444,287	8,474
Street Descriptor	1,560,480	5,715
BLPU	39,342,571	422,819
Classification	43,165,977	249,085
LPI	44,002,166	147,555
Organisation	1,272,791	16,129
Delivery Point Address	29,567,693	55,681
Application Cross Ref.	191,722,074	786,719
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.

\*\*Change Only Updates are not available for the OS Open UPRN product.

### 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
<b>AddressBase</b>	29,466,995	29,466,995	0
<b>AddressBase Plus</b>	36,914,771	36,914,757	14
<b>AddressBase Premium</b>			
Street	1,444,287	1,444,280	7
Street Descriptor	1,560,480	1,560,473	7
BLPU	39,342,571	39,342,553	18
Classification	43,165,977	43,165,959	18
LPI	44,002,166	44,002,147	19
Organisation	1,272,791	1,272,789	2
Delivery Point Address	29,567,693	29,567,693	0
Application Cross Ref.	191,722,074	191,722,056	18
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	33,530
Updates	91,614
Deletes	10,872
COU Populated Tile Count	5,560

#### AddressBase Plus –

Change Type	Count
Inserts	49,359
Updates	654,874
Deletes	14,762
COU Populated Tile Count	7,528

## AddressBase Premium –

	Inserts	Updates	Deletes
Street	1,626	6,829	19
Street Descriptor	1,802	3,891	22
BLPU	49,637	368,382	4,800
Classification	99,404	97,772	51,909
LPI	63,670	77,849	6,036
Organisation	5,765	4,387	5,977
Delivery Point Address	34,082	11,159	10,440
Application Cross Ref.	233,268	491,982	61,469
COU Address Populated Tile Count		7,592	
COU Street Populated Tile Count		3,620	

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 8 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 79:

Data Source	Date
<b>Royal Mail PAF</b>	4 September 2020
<b>National Land and Property Gazetteer</b>	4 September 2020
<b>One Scotland Gazetteer</b>	25 August 2020
<b>VOA Non-Domestic Rates</b>	2 September 2020
<b>VOA Council Tax</b>	2 September 2020
<b>OS MasterMap Topography Layer</b>	24 August 2020
<b>OS MasterMap Highways Network</b>	5 August 2020
<b>Code-Point with Polygons</b>	18 June 2020
<b>Boundary-Line</b>	1 May 2020

## 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 4,893 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 570 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 37,579 records with a Street State Date and no State value. These records are being discussed with the data supplier.
- There are 3 UPRNs in the BLPU table that reference a Parent UPRN that no longer exists.

## **6. Improvements in Epoch 79**

### **Valuation Office Agency matching**

The match rates for Council Tax and Non-Domestic Rates for Epoch 79 are detailed as follows based on VOA records up to 2 September 2020.

The match rate is applicable to the AddressBase Premium product.

<b>Data Source</b>	<b>Records Received</b>	<b>% Matched</b>
<b>CTAX</b>	26,194,858	99.95
<b>NDR</b>	2,104,360	95.99

### **Tertiary Classifications**

Work is being actively undertaken to improve the classifications of records within the AddressBase Products. This work has resulted in 86,673 more Tertiary Classifications present in Epoch 79 compared to Epoch 78. Of the 86,673 total updates, 86.70% 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.

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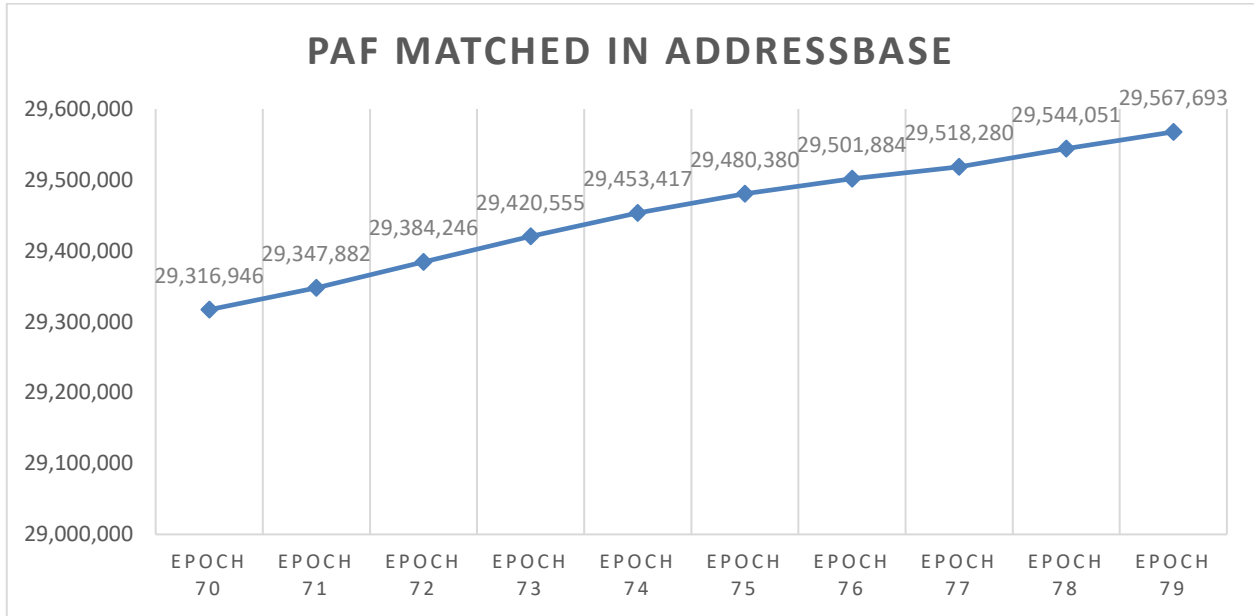
Fylde Borough Council

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London Borough of Croydon

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## 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.

