

# AddressBase® Products June 2020

## Epoch 76 Release



### Release Note Version 1.1

GB Coverage

Version	Change
1.1	Update to include the release of OS Open UPRN

## Introduction

This release note provides information about the June 2020 release of the AddressBase products.

These products were released to customers on **June 4<sup>th</sup> 2020**.

It also provides information about the release of the OS Open UPRN product that was released to customers on **July 1<sup>st</sup> 2020**. The next release of OS Open UPRN will coincide with Epoch 77 release of AddressBase products.

## 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>	39,207,495	
<b>AddressBase</b>	29,404,271	430,764
<b>AddressBase Plus</b>	36,815,943	2,103,014
<b>AddressBase Premium</b>		
Street	1,439,574	19,187
Street Descriptor	1,555,308	18,791
BLPU	39,207,495	1,805,835
Classification	43,022,571	542,120
LPI	43,831,026	509,434
Organisation	1,268,612	23,401
Delivery Point Address	29,501,884	283,074
Application Cross Ref.	191,207,473	4,894,573
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>	29,404,271	29,404,271	0
<b>AddressBase Plus</b>	36,815,943	36,815,939	4
<b>AddressBase Premium</b>			
Street	1,439,574	1,439,564	10
Street Descriptor	1,555,308	1,555,298	10
BLPU	39,207,495	39,207,477	18
Classification	43,022,571	43,022,553	18
LPI	43,831,026	43,831,007	19
Organisation	1,268,612	1,268,610	2
Delivery Point Address	29,501,884	29,501,884	0
Application Cross Ref.	191,207,473	191,207,455	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	28,904
Updates	393,824
Deletes	8,036
COU Populated Tile Count	5,340

#### AddressBase Plus –

Change Type	Count
Inserts	41,395
Updates	2,046,829
Deletes	14,790
COU Populated Tile Count	7,372

## AddressBase Premium –

	Inserts	Updates	Deletes
Street	1,668	17,501	18
Street Descriptor	1,890	16,881	20
BLPU	44,842	1,754,573	6,420
Classification	66,771	455,801	19,548
LPI	58,576	443,911	6,947
Organisation	4,253	15,654	3,494
Delivery Point Address	28,818	246,942	7,314
Application Cross Ref.	1,479,786	2,096,592	1,318,195
COU Address Populated Tile Count	7,533		
COU Street Populated Tile Count	3,706		

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 76:

Data Source	Date
Royal Mail PAF	1 May 2020
National Land and Property Gazetteer	1 May 2020
One Scotland Gazetteer	21 April 2020
VOA Non-Domestic Rates	27 April 2020
VOA Council Tax	27 April 2020
OS MasterMap Topography Layer	21 April 2020
OS MasterMap Highways Network	5 April 2020
Code-Point with Polygons	28 February 2020
Boundary-Line	1 May 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 4,161 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 664 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 44,061 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
- There are 4 CLASS\_KEYS that have been re-used on the Classification table, which are:

UPRN	Local Custodian Code	CLASS_KEY
10094689752	9064	9064C000619883
10094689751	9064	9064C000619882
124109019	9074	9074C000103906
124091372	9074	9074C000085708

## 6. Improvements in Epoch 76

### Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 76 are detailed as follows based on VOA records up to 27 April 2020.

The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
CTAX	26,134,445	99.94
NDR	2,093,733	96.16

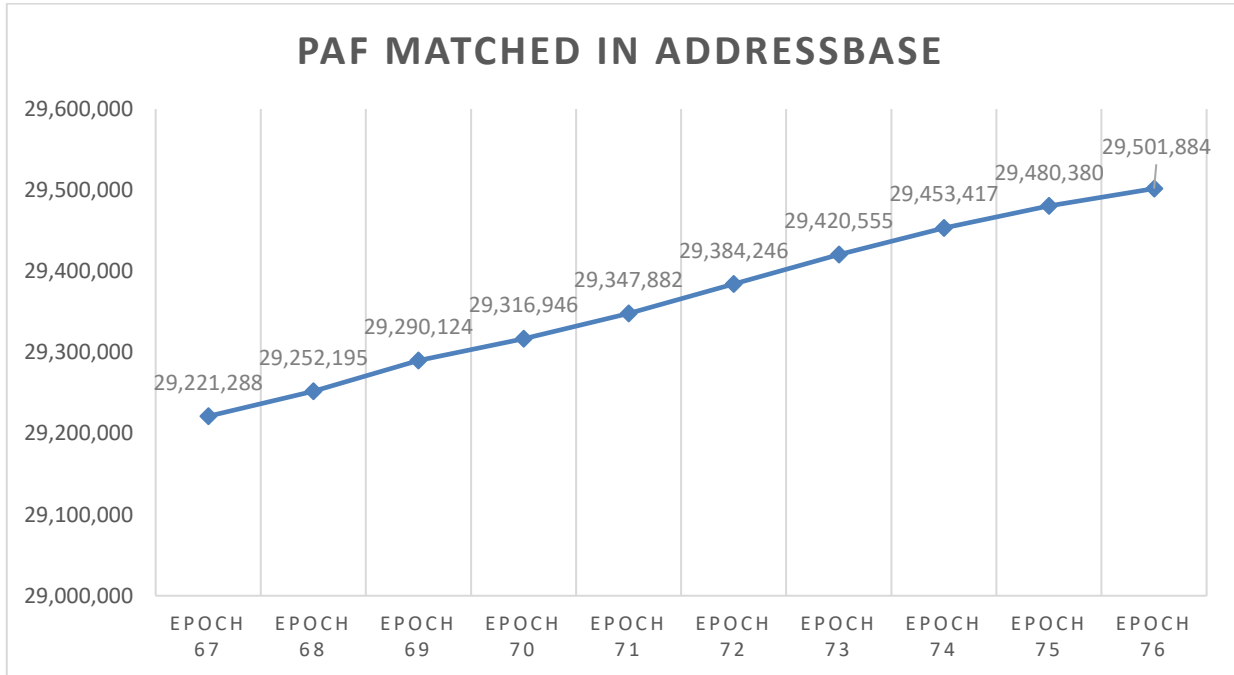
### Tertiary Classifications

Work is being actively undertaken to improve the classifications of records within the AddressBase Products. This work has resulted in 127,052 more Tertiary Classifications present in Epoch 76 compared to Epoch 75. Of the 127,052 total updates, 91.57% 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.

Birmingham City Council	Rochdale Borough Council
London Borough of Croydon	South Hams District Council
London Borough of Haringey	

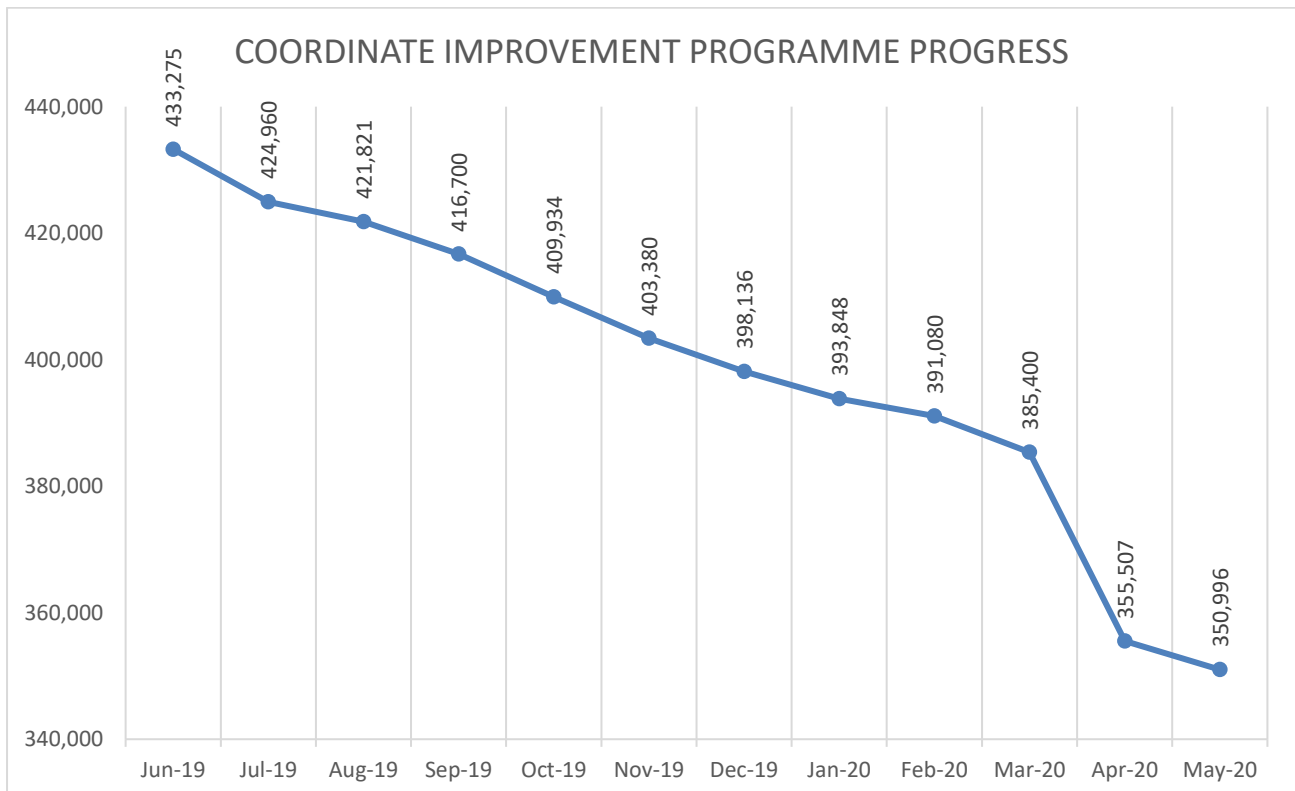
## PAF Match



## 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.



## 7. File supply differences

As noted in the release notes for Epoch 74 we are making some changes to the system architecture for the fulfilment of AddressBase products. The changes below have been reflected in Epoch 76 supply of **AddressBase** and **AddressBase Plus Areas of Interest (AOI) non-geographic** via DVD, Download or FTP. These **do not** apply to Managed Great Britain Sets (MGBS) or 5km tile orders.

- The *readme* text file will no longer be provided with the supply.
- We will no longer be providing *Disccare*, *Medialis* and *report* text files in the docs folder.
- The above three text files will be replaced in the docs folder with a *Label Information* text file which will contain information that is printed on the DVD. **This will only be applicable for DVD orders. For Download or FTP orders the docs folder will be empty.**
- For customers receiving AOIs via FTP the acronym 'DCS' will be removed from the FTP directory. The directory therefore will be your customer order number.

The following change has been made alongside those listed above and also applies to download orders of MGBS and 5km tiles too.

- A new Order\_Details text file will be provided at the top level, separate to the data supply, which will provide information about the order including order date, currency date and the file structure.

## 8. Updated Local Custodian Codes

Four local authorities merged into one unitary authority with effect of April 1st 2020. As a result of this merger changes have been made in the AddressBase Premium product. The table below shows the old Local Authorities mapped against their new equivalents, including their respective Authority Codes.

Current Authority Code	Current Authority	New Authority Code	New Authority
405	AYLESBURY VALE	440	BUCKINGHAMSHIRE
410	SOUTH BUCKS	440	BUCKINGHAMSHIRE
415	CHILTERN	440	BUCKINGHAMSHIRE
425	WYCOMBE	440	BUCKINGHAMSHIRE

This has resulted in the following changes to AddressBase Premium:

Table	Field name - CSV	Field name - GML	Change
Header (10)		CUSTODIAN_NAME	Records will show the new names accordingly.
Header (10)		LOCAL_CUSTODIAN_CODE	Records will show the new codes accordingly.
Street (11)	swaOrgRefNaming	SWA_ORG_REF_NAMING	Codes will change to reflect the new Highways Authority.
Street_Descriptor (15)	administrativeArea	ADMINISTRATIVE_AREA	Names will change to reflect the new Highways Authority.

<b>BLPU (21)</b>	localCustodianCode	LOCAL_CUSTODIAN_CODE	Codes will change to reflect the new Local Custodian.
<b>LPI (24)</b>	lpiKey	LPI_KEY	Existing keys will persist in their current form derived from the old authority codes, new entries will be derived from the new authority codes.
<b>MetaData (29)</b>		CUSTODIAN_NAME	Records will show the new names accordingly.
<b>MetaData (29)</b>		CUSTODIAN_UPRN	Some UPRNs may change as the merging of authorities may have resulted in a change of primary location.
<b>MetaData (29)</b>		LOCAL_CUSTODIAN_CODE	Records will show the new codes accordingly.