

AddressBase® Products August 2020

Epoch 78 Release



Release Note Version 1.0

GB Coverage

Version	Change
1.0	Initial Release

Introduction

This release note provides information about the August 2020 release of the AddressBase products. These products were released to customers on **August 27th 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**
OS Open UPRN	39,297,734	
AddressBase	29,444,337	150,706
AddressBase Plus	36,880,174	818,747
AddressBase Premium		
Street	1,442,680	18,363
Street Descriptor	1,558,700	4,771
BLPU	39,297,734	482,522
Classification	43,118,482	222,171
LPI	43,944,532	197,064
Organisation	1,273,003	12,955
Delivery Point Address	29,544,051	43,058
Application Cross Ref.	191,550,275	831,754
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
AddressBase	29,444,337	29,444,337	0
AddressBase Plus	36,880,174	36,880,170	4
AddressBase Premium			
Street	1,442,680	1,442,669	11
Street Descriptor	1,558,700	1,558,689	11
BLPU	39,297,734	39,297,716	18
Classification	43,118,482	43,118,464	18
LPI	43,944,532	43,944,513	19
Organisation	1,273,003	1,273,001	2
Delivery Point Address	29,544,051	29,544,051	0
Application Cross Ref.	191,550,275	191,550,257	0
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	30,750
Updates	114,323
Deletes	5,633
COU Populated Tile Count	5,327

AddressBase Plus –

Change Type	Count
Inserts	52,514
Updates	750,686
Deletes	15,547
COU Populated Tile Count	7,525

AddressBase Premium –

	Inserts	Updates	Deletes
Street	2,088	15,932	343
Street Descriptor	2,254	2,173	344
BLPU	54,152	422,820	5,550
Classification	79,802	112,925	29,444
LPI	67,957	122,608	6,499
Organisation	5,215	4,007	3,733
Delivery Point Address	30,670	7,489	4,899
Application Cross Ref.	230,653	553,363	47,738
COU Address Populated Tile Count		7,594	
COU Street Populated Tile Count		3,760	

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 78:

Data Source	Date
Royal Mail PAF	24 July 2020
National Land and Property Gazetteer	24 July 2020
One Scotland Gazetteer	14 July 2020
VOA Non-Domestic Rates	20 July 2020
VOA Council Tax	20 July 2020
OS MasterMap Topography Layer	13 July 2020
OS MasterMap Highways Network	1 July 2020
Code-Point with Polygons	18 June 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 5,086 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 655 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 37,580 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 is 1 Classification key in the Classification table that has been reused from a previous release of AddressBase. This is for the same UPRN as a previous release.

6. Improvements in Epoch 78

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 78 are detailed as follows based on VOA records up to 20 July 2020.

The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
CTAX	26,172,802	99.95
NDR	2,099,237	96.19

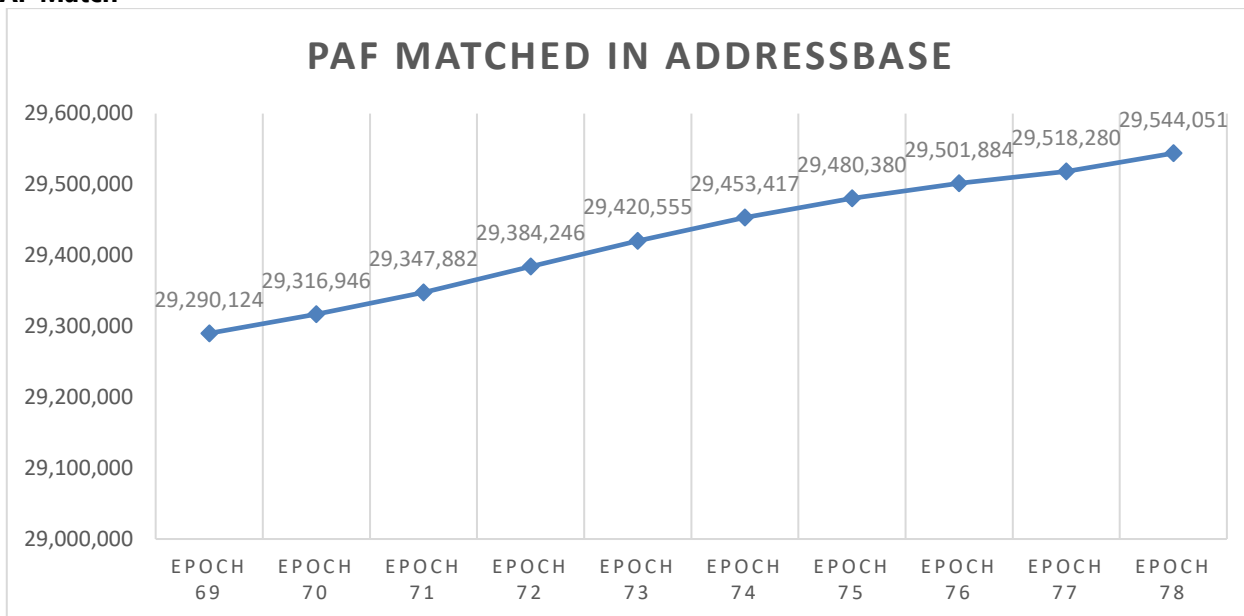
Tertiary Classifications

Work is being actively undertaken to improve the classifications of records within the AddressBase Products. This work has resulted in 122,775 more Tertiary Classifications present in Epoch 78 compared to Epoch 77. Of the 122,775 total updates, 87.68% 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.

Eastleigh Borough Council	Havant Borough Council
London Borough of Haringey	Newcastle-under-Lyme Borough Council
Norwich City Council	

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.

