

AddressBase® Products November 2020

Epoch 80 Release



Release Note Version 1.0

GB Coverage

Version	Change
1.0	Initial Release

Introduction

This release note provides information about the November 2020 release of the AddressBase products. These products were released to customers on **November 19th 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	39,405,512	
AddressBase	29,502,058	162,781
AddressBase Plus	36,971,879	2,152,356
AddressBase Premium		
Street	1,449,144	25,456
Street Descriptor	1,568,797	27,775
BLPU	39,405,512	1,808,348
Classification	43,230,411	220,687
LPI	44,083,159	185,655
Organisation	1,274,243	15,925
Delivery Point Address	29,603,110	69,562
Application Cross Ref.	192,045,477	3,448,809
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	29,502,058	29,502,058	0
AddressBase Plus	36,971,879	36,971,865	14
AddressBase Premium			
Street	1,449,144	1,449,136	8
Street Descriptor	1,568,797	1,568,789	8
BLPU	39,405,512	39,405,494	18
Classification	43,230,411	43,230,393	18
LPI	44,083,159	44,083,140	19
Organisation	1,274,243	1,274,241	2
Delivery Point Address	29,603,110	29,603,110	0
Application Cross Ref.	192,045,477	192,045,459	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	45,475
Updates	106,894
Deletes	10,412
COU Populated Tile Count	5,603

AddressBase Plus –

Change Type	Count
Inserts	72,520
Updates	2,064,424
Deletes	15,412
COU Populated Tile Count	7,388

AddressBase Premium –

	Inserts	Updates	Deletes
Street	4,875	20,563	18
Street Descriptor	8,336	19,420	19
BLPU	68,032	1,735,225	5,091
Classification	94,170	96,781	29,736
LPI	86,752	93,144	5,759
Organisation	6,342	4,693	4,890
Delivery Point Address	45,737	13,505	10,320
Application Cross Ref.	1,607,931	556,350	1,284,528
COU Address Populated Tile Count		7,477	
COU Street Populated Tile Count		3,762	

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 80:

Data Source	Date
Royal Mail PAF	16 October 2020
National Land and Property Gazetteer	16 October 2020
One Scotland Gazetteer	6 October 2020
VOA Non-Domestic Rates	12 October 2020
VOA Council Tax	12 October 2020
OS MasterMap Topography Layer	5 October 2020
OS MasterMap Highways Network	1 October 2020
Code-Point with Polygons	18 June 2020
Boundary-Line	1 October 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 5,042 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 578 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 37,527 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 80

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 80 are detailed as follows based on VOA records up to 12 October 2020.

The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
CTAX	26,216,842	99.95
NDR	2,103,622	96.03

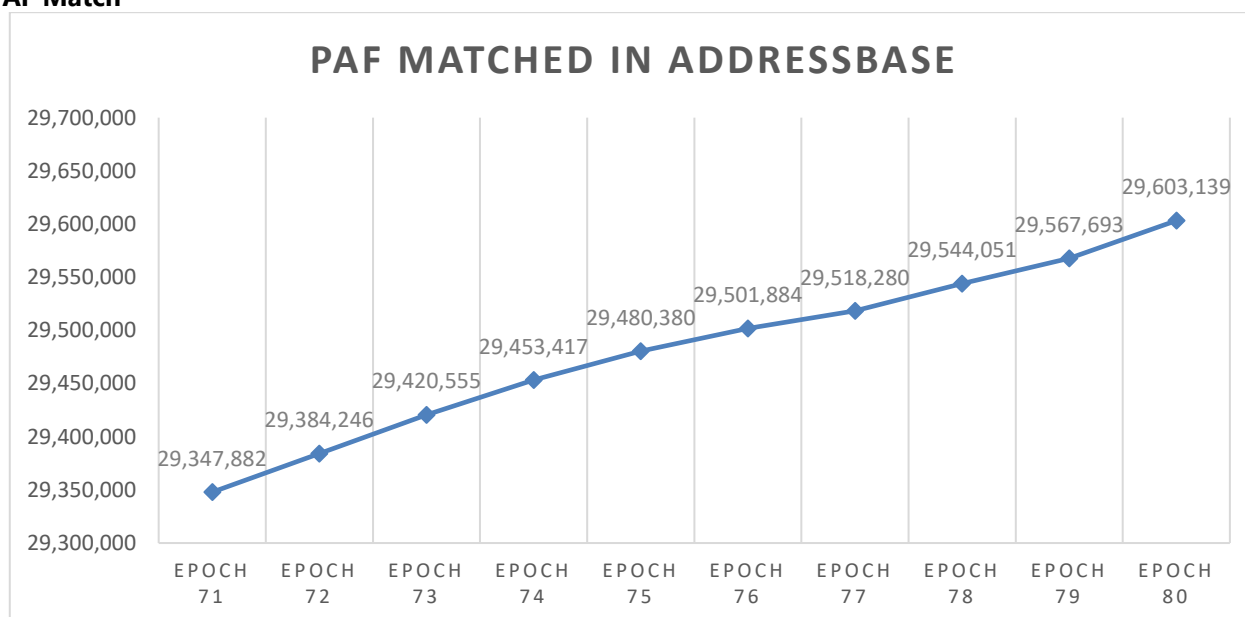
Tertiary Classifications

Work is being actively undertaken to improve the classifications of records within the AddressBase Products. This work has resulted in 102,571 more Tertiary Classifications present in Epoch 80 compared to Epoch 79. Of the 102,571 total updates, 88.88% 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.

Shetland

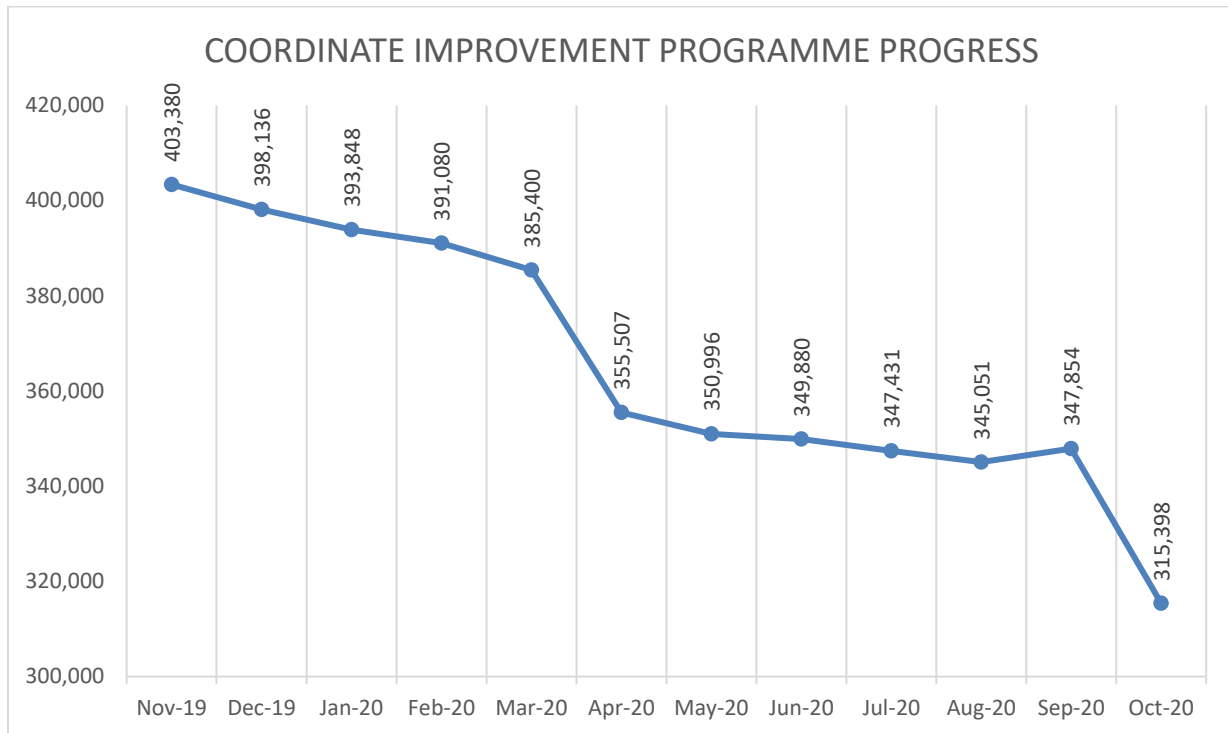
PAF Match



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. Next release

The next release of AddressBase, Epoch 81, is currently scheduled for 7th January 2021. There is potential for this to be delayed slight until week commencing the 11th January due to Christmas closure.