

AddressBase® Products January 2021

Epoch 81 Release



Release Note Version 1.0

GB Coverage

Version	Change
1.0	Initial Release

Introduction

This release note provides information about the January 2021 release of the AddressBase products. These products were released to customers on **January 7th 2021**.

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	39,459,332	
AddressBase	29,547,237	167,723
AddressBase Plus	37,018,814	1,019,016
AddressBase Premium		
Street	1,450,387	12,019
Street Descriptor	1,570,102	8,343
BLPU	39,459,332	691,242
Classification	43,289,255	478,896
LPI	44,155,285	172,588
Organisation	1,276,177	17,237
Delivery Point Address	29,648,985	72,886
Application Cross Ref.	192,262,204	827,394
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	29,547,237	29,547,237	0
AddressBase Plus	37,018,814	37,018,800	14
AddressBase Premium			
Street	1,450,387	1,450,375	12
Street Descriptor	1,570,102	1,570,090	12
BLPU	39,459,332	39,459,314	18
Classification	43,289,255	43,289,237	18
LPI	44,155,285	44,155,266	19
Organisation	1,276,177	1,276,175	2
Delivery Point Address	29,648,985	29,648,985	0
Application Cross Ref.	192,262,204	192,262,186	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	53,178
Updates	106,546
Deletes	7,999
COU Populated Tile Count	5,684

AddressBase Plus –

Change Type	Count
Inserts	63,366
Updates	939,219
Deletes	16,431
COU Populated Tile Count	7,984

AddressBase Premium –

	Inserts	Updates	Deletes
Street	1,350	10,562	107
Street Descriptor	1,417	6,814	112
BLPU	60,487	624,088	6,667
Classification	86,614	364,512	27,770
LPI	80,204	84,306	8,078
Organisation	6,920	5,331	4,986
Delivery Point Address	53,701	11,359	7,826
Application Cross Ref.	266,405	511,311	49,678
COU Address Populated Tile Count		7,979	
COU Street Populated Tile Count		3,786	

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	27 November 2020
National Land and Property Gazetteer	27 November 2020
One Scotland Gazetteer	24 November 2020
VOA Non-Domestic Rates	23 November 2020
VOA Council Tax	23 November 2020
OS MasterMap Topography Layer	16 November 2020
OS MasterMap Highways Network	2 November 2020
Code-Point with Polygons	23 October 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 5,770 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 635 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 37,443 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 81

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 81 are detailed as follows based on VOA records up to 23 November 2020.

The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
CTAX	26,249,104	99.95
NDR	2,111,468	95.93

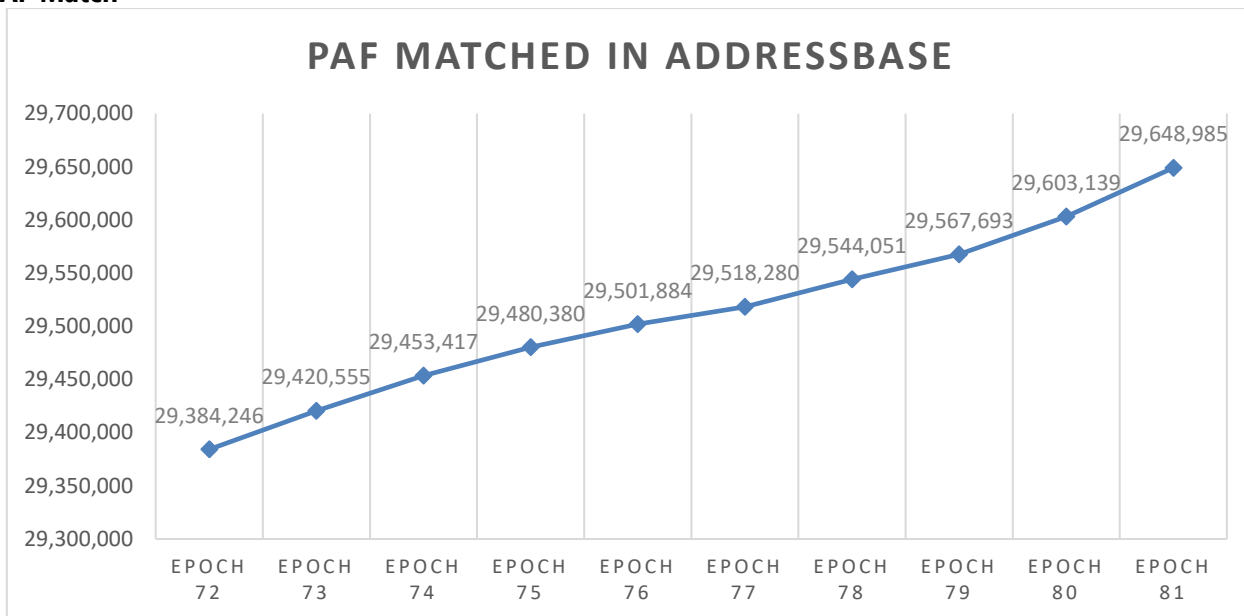
Tertiary Classifications

Work is being actively undertaken to improve the classifications of records within the AddressBase Products. This work has resulted in 378,587 more Tertiary Classifications present in Epoch 81 compared to Epoch 80. Of the 378,587 total updates, 95.21% 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.

Clackmannan	Ceredigion
Dumfries and Galloway	East Lothian
Falkirk	Fife
Highland	Midlothian
South Lanarkshire	

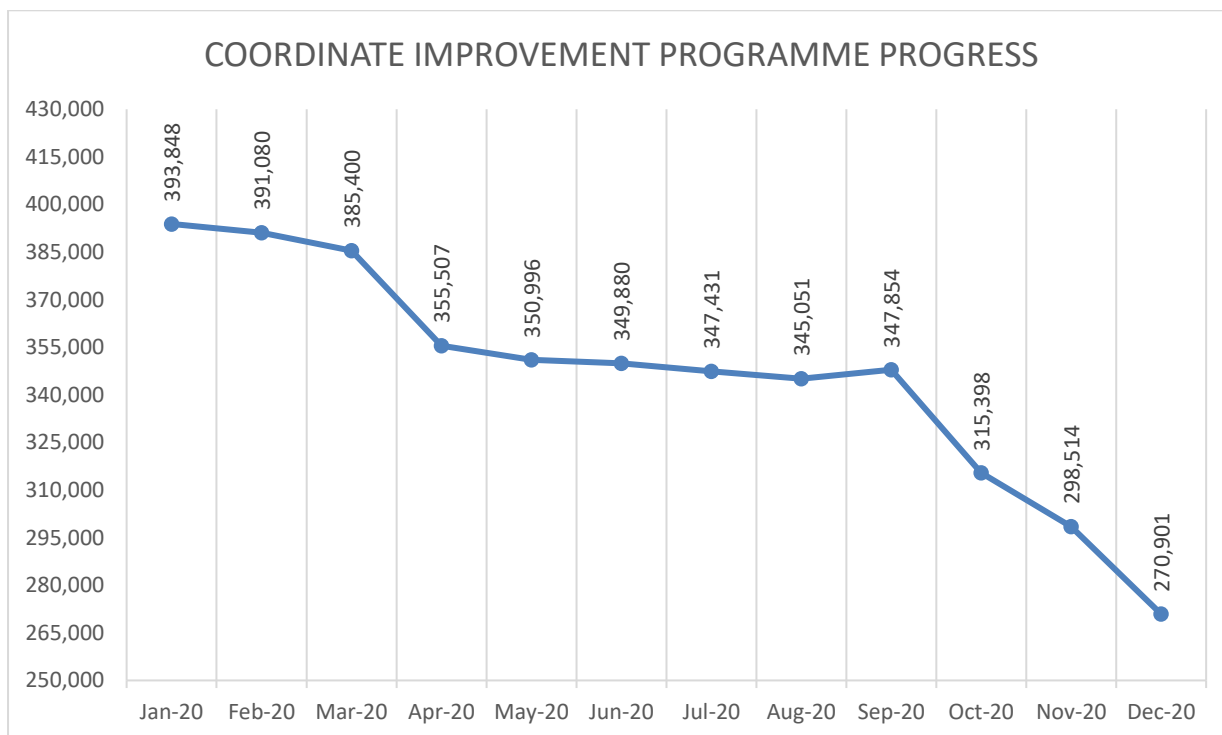
PAF Match



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 82, will be delayed by a week from 18th February 2021 to 25th February 2021. This is due to a system architecture change that is occurring at Ordnance Survey during January.