AddressBase® Products June 2021 Epoch 85

Release Note version 1.0

GB Coverage

Version	Change
1.0	Initial release

Introduction

This release note provides information about the June 2021 release of the AddressBase products.

These products were released to customers on **June 24th 2021**.

Product counts

Product	Full Supply record count*	Change Only Update record count**
OS Open UPRN	39,656,388	n/a
AddressBase	29,683,977	190,028
AddressBase Plus	37,180,909	3,406,612
AddressBase Premium	-	-
Street	1,457,702	5,226
Street Descriptor	1,577,886	21,107
BLPU	39,656,388	3,108,664
Classification	43,494,339	294,275
LPI	44,413,510	287,710
Organisation	1,283,337	15,261
Delivery Point Address	29,788,046	60,296
Application Cross Ref.	193,087,627	6,676,062
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.

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	29,683,977	29,683,977	0
AddressBase Plus	37,180,909	37,180,895	14
AddressBase Premium	-	-	-
Street	1,457,702	1,457,698	4
Street Descriptor	1,577,886	1,577,882	4
BLPU	39,656,388	39,656,370	18
Classification	43,494,339	43,494,321	18
LPI	44,413,510	44,413,491	19
Organisation	1,283,337	1,283,335	2
Delivery Point Address	29,788,046	29,788,046	0
Application Cross Ref.	193,087,627	193,087,609	18
Successor	0	0	0

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	40,750
Updates	142,092
Deletes	7,186
COU Populated Tile Count	

AddressBase Plus

Change Type	Count
Inserts	61,835
Updates	3,327,494
Deletes	17,283
COU Populated Tile Count	

AddressBase Premium

AddressBase Premium Table	Inserts	Updates	Deletes
Street	1,389	3,532	305
Street Descriptor	1,510	19,290	307
BLPU	64,887	3,035,154	8,623
Classification	92,990	169,064	32,221
LPI	83,296	194,588	9,826
Organisation	5,674	5,748	3,839
Delivery Point Address	41,192	11,822	7,282
Application Cross Ref.	3,134,579	673,894	2,867,589

AddressBase Premium Tile COU Count	Number of change tiles
COU Address Populated Tile Count	8,642
COU Street Populated Tile Count	

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.

Source data currency

The following information relates to the currency of the source data used in the creation of Epoch 85:

Data Source	Date
Royal Mail PAF	21 May 2021
National Land and Property Gazetteer	21 May 2021
One Scotland Gazetteer	11 May 2021
VOA Non-Domestic Rates	18 May 2021
VOA Council Tax	18 May 2021
OS MasterMap Topography Layer	16 May 2021
OS MasterMap Highways Network	04 May 2021
Code-Point with Polygons	12 March 2021
Boundary-Line	27 April 2021

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 6,333 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 610 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 37,442 records with a Street State Date and no State value. These records are being discussed with the data supplier.
- There are 5 UPRNs in the BLPU table that reference a Parent UPRN that no longer exists.

Improvements in Epoch 85

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 85 are detailed as follows based on VOA records up to 18 May 2021.

The match rate is applicable to the AddressBase Premium product.

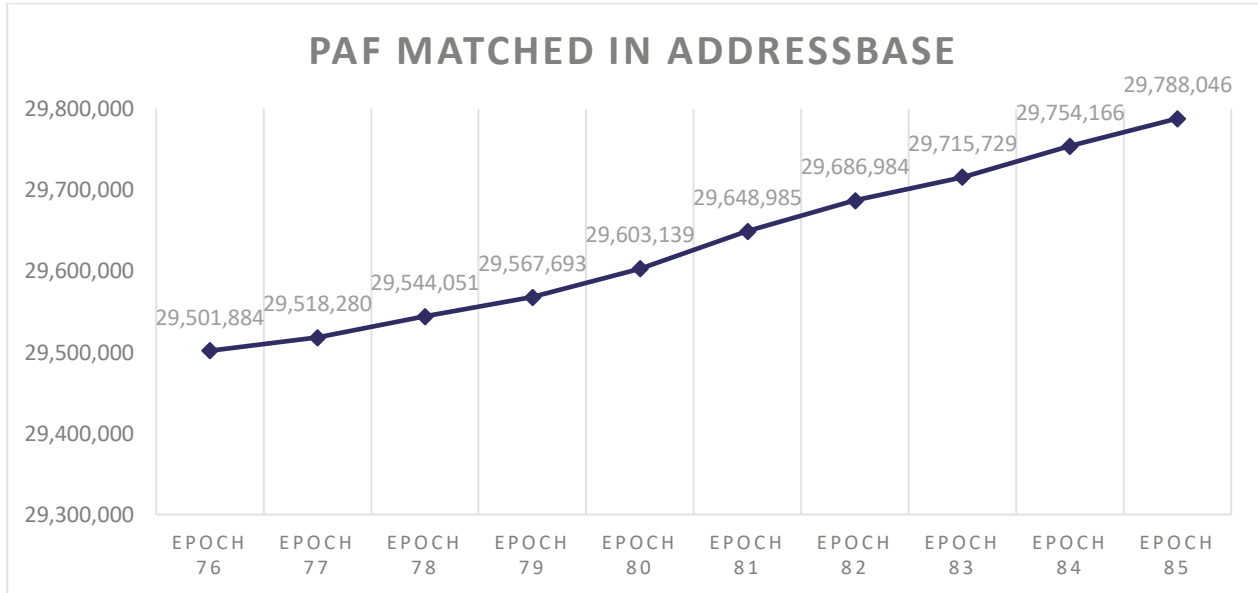| Data Source	Records Received	% Matched
Council Tax	26,339,730	99.95
Non-Domestic Rates	2,029,151	96.00

Tertiary Classifications

Work is being actively undertaken to improve the classifications of records within the AddressBase Products.

This work has resulted in 143,942 more Tertiary Classifications present in Epoch 85 compared to Epoch 84. Of the 143,942 total updates, 89.99% 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.
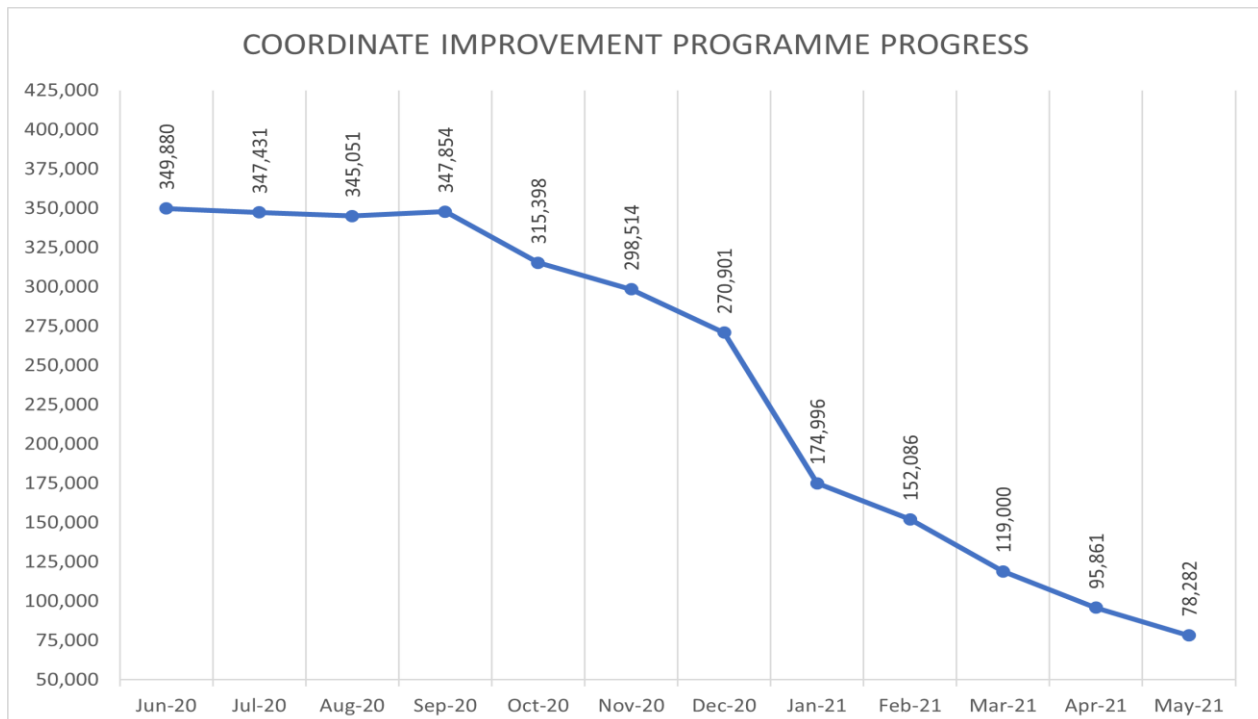
PAF Matching

PAF MATCHED IN ADDRESSBASE

- EPOCH 76: 29,501,884
- EPOCH 77: 29,518,280
- EPOCH 78: 29,544,051
- EPOCH 79: 29,567,693
- EPOCH 80: 29,603,139
- EPOCH 81: 29,648,985
- EPOCH 82: 29,686,984
- EPOCH 83: 29,715,729
- EPOCH 84: 29,754,166
- EPOCH 85: 29,788,046

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.

COORDINATE IMPROVEMENT PROGRAMME PROGRESS

- Jun-20: 349,880
- Jul-20: 347,431
- Aug-20: 345,051
- Sep-20: 347,854
- Oct-20: 315,398
- Nov-20: 298,514
- Dec-20: 270,901
- Jan-21: 174,996
- Feb-21: 152,086
- Mar-21: 119,000
- Apr-21: 95,861
- May-21: 78,282

Next Release

The next release of AddressBase, Epoch 86, is scheduled for release on Thursday 5th August.