

AddressBase Products September 2021 Epoch 87

Release Note version 1.1

GB coverage

Version	Change
1.0	Initial release.
1.1	Addition of further product statistics.

Introduction

This release note provides information about the September 2021 release of the AddressBase products. These products were released to customers on **16 September 2021**.

Record counts

Product	Full Supply record count ¹	Change-Only Update record count ²
OS Open UPRN	39 758 815	N/A
AddressBase	29 763 556	161 525
AddressBase Plus	37 264 153	953 144
AddressBase Premium	See rows below	See rows below
Street	1 464 107	11 085
Street Descriptor	1 584 444	18 528
BLPU	39 758 815	495 846
Classification	43 606 408	250 312
LPI	44 553 399	260 311
Organisation	1 377 705	16 459
Delivery Point Address	29 860 222	64 349
Application Cross Ref.	193 497 526	996 513
Successor	0	0

¹ 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.

² Change-Only Updates are not available for the OS Open UPRN product.

Product supply 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 in the following table, 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 AOI, the count will vary.

If you are unsure of your supply type, please check with your OS Relationship Manager.

Product	MGBS Full Count	National AOI Full Count	Difference
AddressBase	29 763 556	29 763 556	0
AddressBase Plus	37 264 153	37 264 138	15
AddressBase Premium	See rows below	See rows below	See rows below
Street	1 464 107	1 464 104	3
Street Descriptor	1 584 444	1 584 441	3
BLPU	39 758 815	39 758 796	19
Classification	43 606 408	43 606 389	19
LPI	44 553 399	44 553 379	20
Organisation	1 377 705	1 377 703	2
Delivery Point Address	29 860 222	29 860 222	0
Application Cross Ref.	193 497 526	193 497 507	19
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 following tables detail the numbers 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	42 552
Updates	112 414
Deletes	6,559
COU Populated Tile Count	5,809

AddressBase Plus

Change type	Count
Inserts	56 974
Updates	882 908
Deletes	13 262
COU Populated Tile Count	8,052

AddressBase Premium

AddressBase Premium table	Inserts	Updates	Deletes
Street	2,664	8,188	233
Street Descriptor	2,752	15 543	233
BLPU	55 921	436 074	3,851
Classification	82 049	143 611	24 652
LPI	79 170	176 572	4,569
Organisation	6,784	5,855	3,820
Delivery Point Address	42 850	15 081	6,418
Application Cross Ref.	249 355	711 101	36 057

AddressBase Premium Tile COU Count	Number of change tiles
COU Address Populated Tile Count	TBC
COU Street Populated Tile Count	TBC

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 on this can be found in Section 8 of the [Getting Started Guide – AddressBase, AddressBase Plus and AddressBase Plus Islands](#) 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 87:

Data source	Date
Royal Mail PAF	12 August 2021
National Land and Property Gazetteer	12 August 2021
One Scotland Gazetteer	20 July 2021
VOA Non-Domestic Rates	08 August 2021
VOA Council Tax	08 August 2021
OS MasterMap Topography Layer	2 August 2021
OS MasterMap Highways Network	9 August 2021
Code-Point with Polygons	18 June 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 7,200 UPRNs which reference a Parent UPRN which cannot be found in the product. This is because the Parent UPRN is either provisional or historic and is not matched to PAF or VOA, meaning that it is not included in the AddressBase Plus product as per the existing background logic rules.
- There are 348 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 is included as part of the logic for record inclusion in the AddressBase Plus product.

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 22 UPRNs in the BLPU table that reference a Parent UPRN that no longer exists.

Improvements in Epoch 87

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 87 are detailed as follows based on Valuation Office Agency (VOA) records up to 08 August 2021. The match rate is applicable to the AddressBase Premium product.

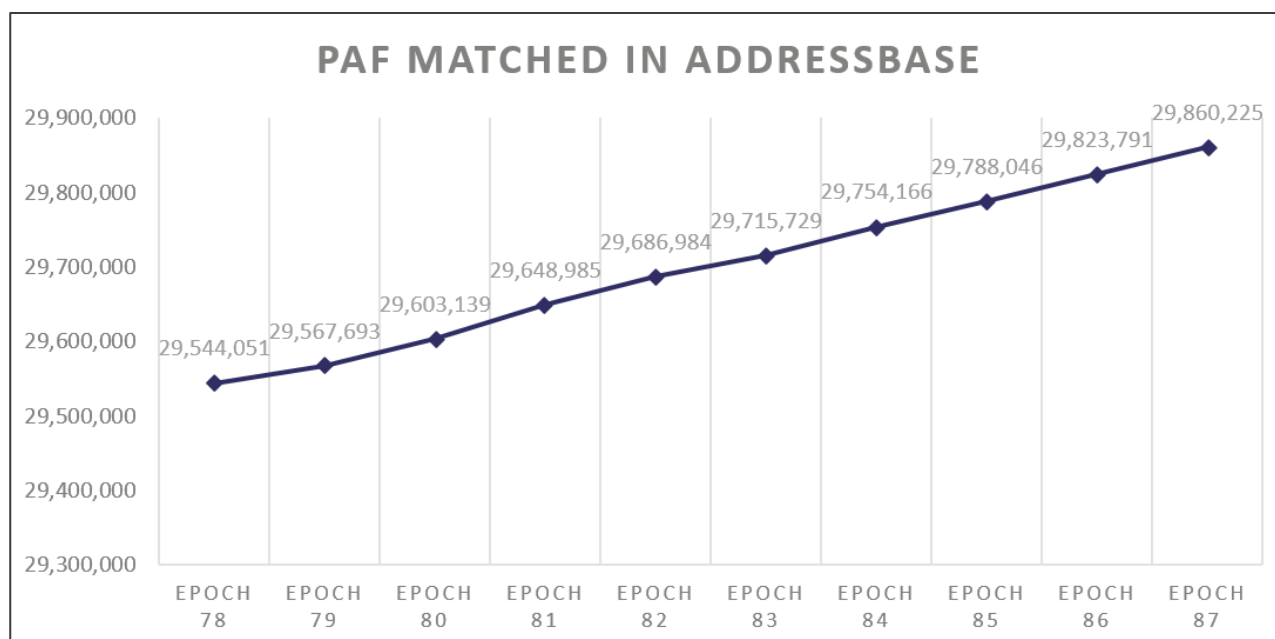
Data source	Records received	% Matched
Council Tax	26 394 936	99.96
Non-Domestic Rates	2 032 551	96.14

Tertiary Classifications

Work is being actively undertaken to improve the classifications of records within the AddressBase products. This work has resulted in 74 255 more Tertiary Classifications present in Epoch 87 compared to Epoch 86. Of the 74 255 total updates, 83.7% of these are residential codes.

PAF matching

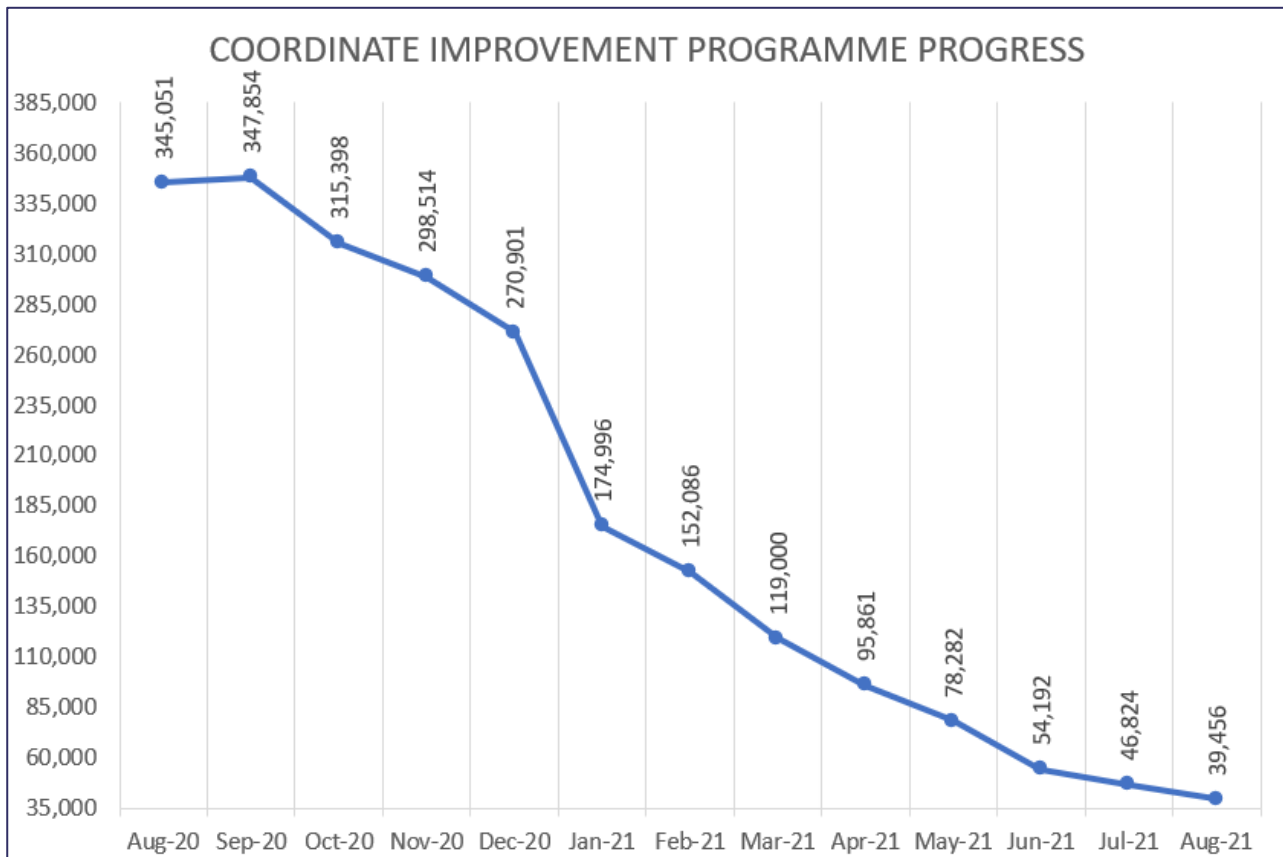
The following graph shows the number of PAF matched records in AddressBase by Epoch:



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 following graph shows our progress through the remaining numbers of points to be checked under this scheme of work.



Next release

The next release of AddressBase, Epoch 88, is scheduled for release on Thursday 28 October 2021.