

AddressBase Products December 2024 Epoch 115

Release Note version 1.0

GB coverage

Version	Change
1.0	Initial release.

Update to the location of AddressBase technical documentation and release notes

AddressBase family product technical documentation (including technical specifications, release notes, getting started guides, etc.) is now available on the new [OS Download Products' Documentation Platform](https://docs.os.uk/os-downloads) (<https://docs.os.uk/os-downloads>). This platform is the new central location for all technical documentation for OS Premium and OpenData Download products (such as AddressBase, OS MasterMap Topography Layer, OS Open UPRN, etc.).

Over the next few months, the old PDFs containing product technical documentation will be removed from the product pages of the OS website and replaced by links to the refreshed documentation on the new platform.

[Release notes for AddressBase products are available on the new platform](https://docs.os.uk/os-downloads/addressing-and-location/addressbase-core-principles/release-notes) (<https://docs.os.uk/os-downloads/addressing-and-location/addressbase-core-principles/release-notes>); simply navigate to the new platform and click *Addressing and location portfolio > AddressBase Core Principles > Release Notes*. Static PDF release notes for the AddressBase products will be replaced by digital release notes on the new platform over the next few months.

Introduction

This release note provides information about the December 2024 release of the AddressBase products. These products were released to customers on **19 December 2024**.

Record counts

Product	Full Supply Record Count ¹	Change-Only Update Record Count ²
OS Open UPRN	40 972 229	N/A
AddressBase	30,618,207	160,698
AddressBase Plus	38,215,982	567,209
AddressBase Premium	See rows below	See rows below
Street	1,511,490	8,819
Street Descriptor	1,635,237	3,827
BLPU	40,972,229	351,639
Classification	44,804,485	156,612
LPI	46,177,196	155,834
Organisation	1,410,649	24,087
Delivery Point Address	30,726,626	75,116
Application Cross Ref.	198,600,667	735,324
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 this with your OS Relationship Manager.

Product	MGBS Full Count	National AOI Full Count	Difference
AddressBase	30 618 207	30 618 207	0
AddressBase Plus	38 215 982	38 215 961	21
AddressBase Premium	See rows below	See rows below	See rows below
Street	1,511,490	1,511,487	3
Street Descriptor	1,635,237	1,635,234	3
BLPU	40,972,229	40,972,204	25
Classification	44,804,485	44,804,460	25
LPI	46,177,196	46,177,170	26
Organisation	1,410,649	1,410,647	2
Delivery Point Address	30,726,626	30,726,626	0
Application Cross Ref.	198,600,667	198,600,642	25
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	52 317
Updates	92 108
Deletes	16 273
COU Populated Tile Count	5 743

AddressBase Plus

Change Type	Count
Inserts	47 492
Updates	498 918
Deletes	20 799
COU Populated Tile Count	7 094

AddressBase Premium

AddressBase Premium Table	Inserts	Updates	Deletes
Street	1,175	6,933	711
Street Descriptor	1,225	1,891	711
BLPU	40,941	299,115	11,583
Classification	49,447	77,489	29,676
LPI	54,934	88,243	12,657
Organisation	4,697	4,318	15,072

AddressBase Premium Table	Inserts	Updates	Deletes
Delivery Point Address	48,355	15,438	11,323
Application Cross Ref.	203,570	460,627	71,127

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 for AddressBase, AddressBase Plus and AddressBase Plus Islands, which is available on the ['AddressBase Product Support page' of the OS website \(https://www.ordnancesurvey.co.uk/business-government/tools-support/addressbase-support\)](https://www.ordnancesurvey.co.uk/business-government/tools-support/addressbase-support).

Source data currency

The following information relates to the currency of the source data used in the creation of Epoch 115:

Data Source	Date
Royal Mail PAF	14 November 2024
National Land and Property Gazetteer	14 November 2024
One Scotland Gazetteer	28 October 2024
VOA Non-Domestic Rates	11 November 2024
VOA Council Tax	11 November 2024
OS MasterMap Topography Layer	05 November 2024
OS MasterMap Highways Network	07 November 2024
Code-Point with Polygons	01 October 2024
Boundary-Line	02 October 2024

Data issues

AddressBase Plus

Affected output formats: CSV and GML

- There are 6 552 Unique Property Reference Numbers (UPRNs) which reference a Parent UPRN that cannot be found in the product. This is because the Parent UPRN is either provisional or historic and is not matched to the Royal Mail Postcode Address File (PAF) or Valuation Office Agency (VOA) record,

meaning that it is not included in the AddressBase Plus product as per the existing background logic rules.

- There are 219 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 products.

Improvements in Epoch 115

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 115 are detailed as follows based on Valuation Office Agency (VOA) records up to 11 November 2024. The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
Council tax	27 201 555	99.92
Non-domestic rates	2 119 490	96.49

Tertiary classifications

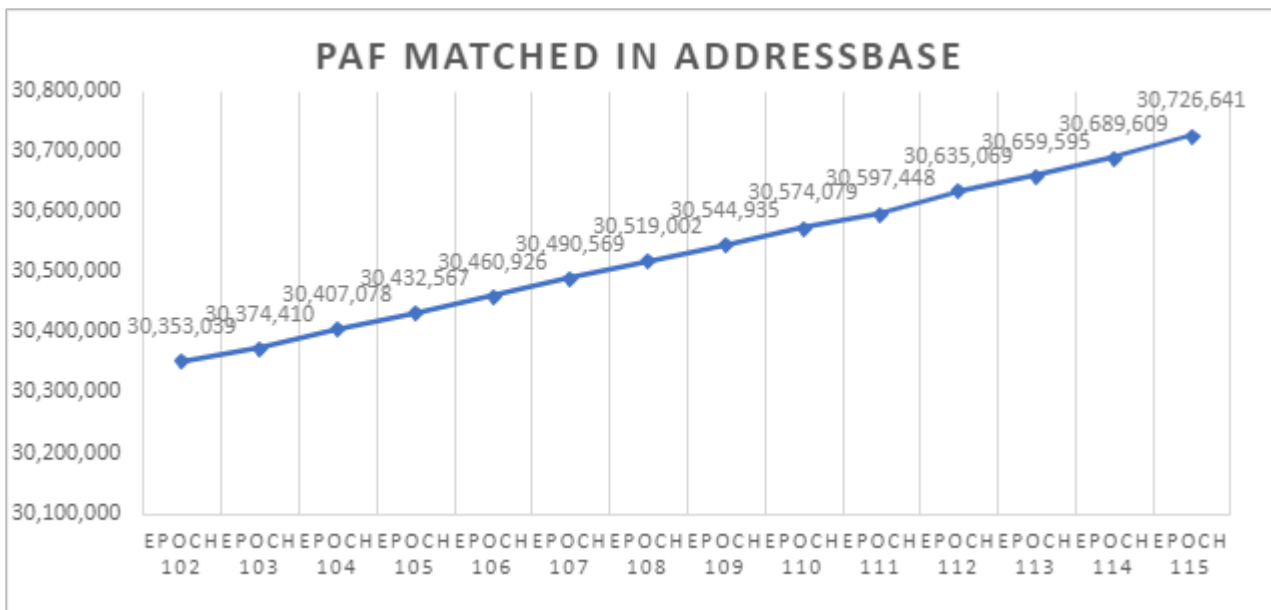
Work is being undertaken to improve the classifications of records within the AddressBase products. This work has resulted in 38 207 more tertiary classifications present in Epoch 115 compared to Epoch 114. A total of 88.71% of these tertiary classification improvements are against residential codes.

PAF matching

AddressBase, AddressBase Plus and AddressBase Premium

Increased PAF matches shown in product – 14 102 PAF records had been previously withheld from product due to a processing constraint which omitted UPRNs with multiple candidate PAF matches from showing in product as a one-one match. This was resolved on the 25/10/24.

The following graph shows the number of Postcode Address File (PAF) matched records in AddressBase by epoch:



Next release

The next release of AddressBase products, Epoch 116, is scheduled for **06 February 2025**.