

AddressBase Products October 2023 Epoch 105

Release Note version 2.0

GB coverage

Version	Change
1.0	Initial release.
2.0	Correction to Application Cross Ref. Inserts.

Introduction

This release note provides information about the October 2023 release of the AddressBase products. These products were released to customers on **12 October 2023**.

Record counts

Product	Full Supply record count ¹	Change-Only Update record count ²
OS Open UPRN	40 547 547	N/A
AddressBase	30 329 544	120 098
AddressBase Plus	37 850 299	458 750
AddressBase Premium	See rows below	See rows below
Street	1 498 308	4 044
Street Descriptor	1 620 634	1 992
BLPU	40 547 547	271 467
Classification	44 434 501	128 842
LPI	45 617 290	108 643
Organisation	1 408 545	12 687
Delivery Point Address	30 432 556	52 469
Application Cross Ref.	196 800 229	613 450
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	30 329 544	30 329 544	0
AddressBase Plus	37 850 299	37 850 279	20
AddressBase Premium	See rows below	See rows below	See rows below
Street	1 498 308	1 498 307	1
Street Descriptor	1 620 634	1 230 633	1
BLPU	40 547 547	40 547 523	24
Classification	44 434 501	44 434 477	24
LPI	45 617 290	45 617 265	25
Organisation	1 408 545	1 408 543	2
Delivery Point Address	30 432 556	30 432 556	0
Application Cross Ref.	196 800 229	196 800 205	24
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	33 326
Updates	78 296
Deletes	8 476
COU Populated Tile Count	5 174

AddressBase Plus

Change type	Count
Inserts	38 393
Updates	410 338
Deletes	10 019
COU Populated Tile Count	7 063

AddressBase Premium

AddressBase Premium table	Inserts	Updates	Deletes
Street	976	3 045	23
Street Descriptor	1 084	883	25
BLPU	38 132	231 076	2 259
Classification	49 703	64 317	14 822
LPI	53 720	52 128	2 795
Organisation	5 202	4 143	3 342
Delivery Point Address	33 443	11 072	7 954
Application Cross Ref.	172 755	416 809	23 886

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 105:

Data source	Date
Royal Mail PAF	08 September 2023
National Land and Property Gazetteer	08 September 2023
One Scotland Gazetteer	21 August 2023
VOA Non-Domestic Rates	04 September 2023
VOA Council Tax	04 September 2023
OS MasterMap Topography Layer	10 August 2023
OS MasterMap Highways Network	06 September 2023
Code-Point with Polygons	03 July 2023
Boundary-Line	11 May 2023

Data issues

AddressBase Plus issues

Affected output formats: CSV and GML

- There are 7 464 Unique Property Reference Numbers (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 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 246 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.

Improvements in Epoch 105

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 105 are detailed as follows based on Valuation Office Agency (VOA) records up to 31 July 2023. The match rate is applicable to the AddressBase Premium product.

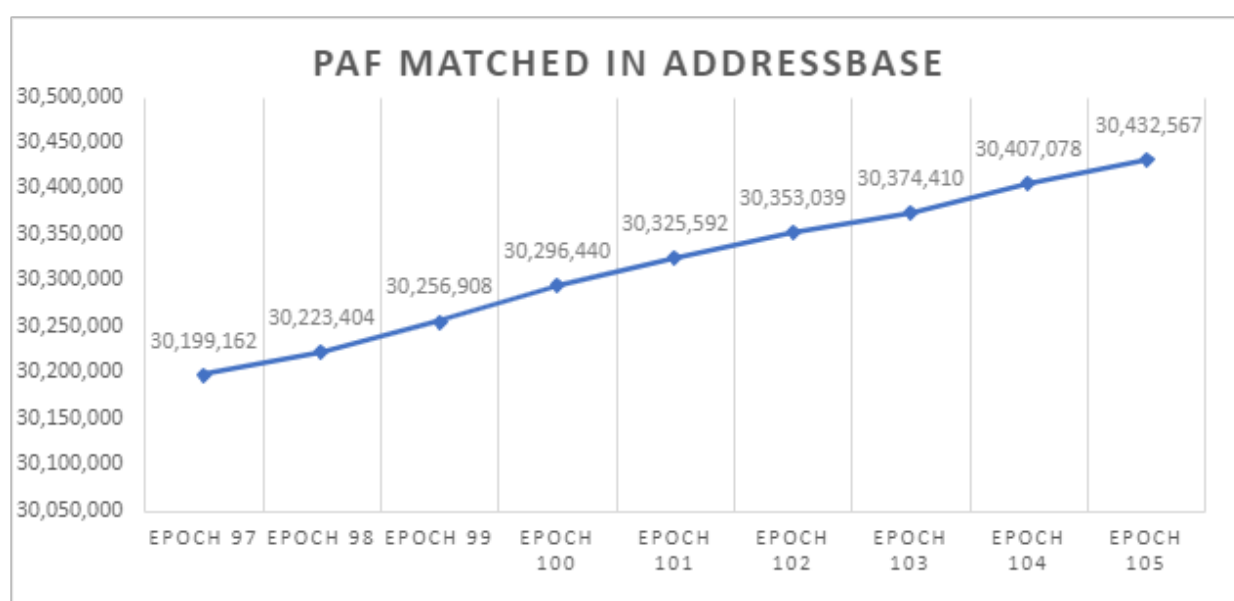
Data source	Records received	% Matched
Council Tax	26 939 439	99.91
Non-Domestic Rates	2 134 280	96.28

Tertiary classifications

Work is being undertaken to improve the classifications of records within the AddressBase products. This work has resulted in 40 281 more tertiary classifications present in Epoch 105 compared to Epoch 104. Indeed, 88.81% of these tertiary classification improvements are against residential codes.

PAF matching

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



New tertiary and quaternary classification codes

We have introduced new tertiary and quaternary classification codes to the AddressBase classification scheme. The new tertiary classification for pharmacies and a number of additional quaternary classifications provide a more granular view for pubs, supermarkets, convenience stores and electric vehicle charging points. This makes these classes easier to filter in AddressBase.

We have also introduced additional classifications for bridges within AddressBase to represent the type of feature the bridge spans over. This helps to facilitate effective decision making for customers who use bridge features.

Primary code	Secondary code	Tertiary code	Tertiary description	Quaternary code	Quaternary description
C	M	06	Pharmacy	–	–
C	R	06	–	BA	Bar
C	R	06	–	PH	Public House
C	R	06	–	NC	Nightclub
C	R	08	–	SM	Supermarket
C	R	08	–	CS	Convenience Store
C	R	09	–	BS	Betting Shop
C	R	09	–	OL	Off-licence
C	R	02	–	EV	Electric Car Charging Station
C	T	11	–	CA	Road Bridge Over Canal
C	T	11	–	MU	Road Bridge Over Multiple
C	T	11	–	NN	Road Bridge Over No Network
C	T	11	–	PA	Road Bridge Over Path
C	T	11	–	RA	Road Bridge Over Railway
C	T	11	–	RO	Road Bridge Over Road
C	T	11	–	WA	Road Bridge Over Water

This change to the classification schema was implemented in Epoch 100, which was published on 30 March 2023. From this date, these new tertiary and quaternary classification codes have been included in AddressBase products.

Local authority changes

In our addressing products, we provide information detailing which local authority an address is within. From 01 April 2023, several local authorities reorganised to form new authorities. This means that the local authority code for all addresses within the affected authorities changed from the old authority to the new one, resulting in approximately 1.3 million records being updated. These changes will be seen in product from Epoch 101 onwards. The table below maps the changes:

Existing authority code (pre-April 2023)	New authority code (post-April 2023)
Allerdale – 905	Cumberland – 940
Carlisle – 915	Cumberland – 940
Copeland – 920	Cumberland – 940
Barrow-in-Furness – 910	Westmorland and Furness – 935
Eden – 925	Westmorland and Furness – 935
South Lakeland – 930	Westmorland and Furness – 935
Scarborough – 2730	North Yorkshire – 2745
Ryedale – 2725	North Yorkshire – 2745
Selby – 2735	North Yorkshire – 2745
Hambleton – 2710	North Yorkshire – 2745
Richmondshire – 2720	North Yorkshire – 2745
Harrogate – 2715	North Yorkshire – 2745
Craven – 2705	North Yorkshire – 2745
Mendip – 3305	Somerset – 3300
Sedgemoor – 3310	Somerset – 3300
Somerset West and Taunton – 3330	Somerset – 3300
South Somerset – 3325	Somerset – 3300

Next release

The next release of Address Base, Epoch 106, is scheduled for **Thursday 23 November 2023**.