AddressBase Products November 2023 Epoch 106

Release Note version 1.0

GB coverage

Version	Change
1.0	Initial release.

Introduction

This release note provides information about the November 2023 release of the AddressBase products. These products were released to customers on:

23 November 2023.

Record Counts

Product	Full Supply Record Count[1]	Change-Only Update Record Count[2]
OS Open UPRN	40 593 998	N/A
AddressBase	30 357 589	138 214
AddressBase Plus	37 886 717	642 897
AddressBase Premium	See rows below	See rows below
Street	1 499 337	4 548
Street Descriptor	1 621 717	1 649
BLPU	40 593 998	326 208
Classification	44 476 003	150 495
LPI	45 678 772	139 837
Organisation	1 410 719	14 194
Delivery Point Address	30 460 915	66 081
Application Cross Ref.	197 071 960	896 913
Successor	0	0

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[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	30 357 589	30 357 589	0
AddressBase Plus	37 886 717	37 886 697	20
AddressBase Premium	See rows below	See rows below	See rows below
Street	1 499 337	1 499 336	1
Street Descriptor	1 621 717	1 621 716	1
BLPU	40 593 998	40 593 974	24
Classification	44 476 003	44 475 979	24
LPI	45 678 772	45 678 747	25
Organisation	1 410 719	1 410 717	2
Delivery Point Address	30 460 915	30 460 915	0
Application Cross Ref.	197 071 960	197 071 936	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	40 457
Updates	85 345
Deletes	12 412
COU Populated Tile Count	5 846

AddressBase Plus

Change Type	Count
Inserts	50 344
Updates	578 627
Deletes	13 926
COU Populated Tile Count	7 335

AddressBase Premium

AddressBase Premium Table	Inserts	Updates	Deletes
Street	1 067	3 443	38
Street Descriptor	1 123	486	40
BLPU	49 289	274 081	2 838
Classification	60 725	70 547	19 223
LPI	65 573	70 173	4 091
Organisation	5 928	4 512	3 754
Delivery Point Address	39 147	16 146	10 788
Application Cross Ref.	392 254	384 136	120 523

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).

Source Data Currency

The following information relates to the currency of the source data used in the creation of Epoch 106:

Data Source	Date
Royal Mail PAF	19 October 2023
National Land and Property Gazetteer	19 October 2023
One Scotland Gazetteer	19 October 2023
VOA Non-Domestic Rates	15 October 2023
VOA Council Tax	15 October 2023
OS MasterMap Topography Layer	10 October 2023
OS MasterMap Highways Network	06 October 2023
Code-Point with Polygons	02 October 2023
Boundary-Line	03 October 2023

Data Issues

AddressBase Plus Issues

Affected output formats: CSV and GML

• There are 7 419 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 268 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 106

Valuation Office Agency Matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 106 are detailed as follows based on Valuation Office Agency (VOA) records up to 16 October 2023. The match rate is applicable to the AddressBase Premium product.
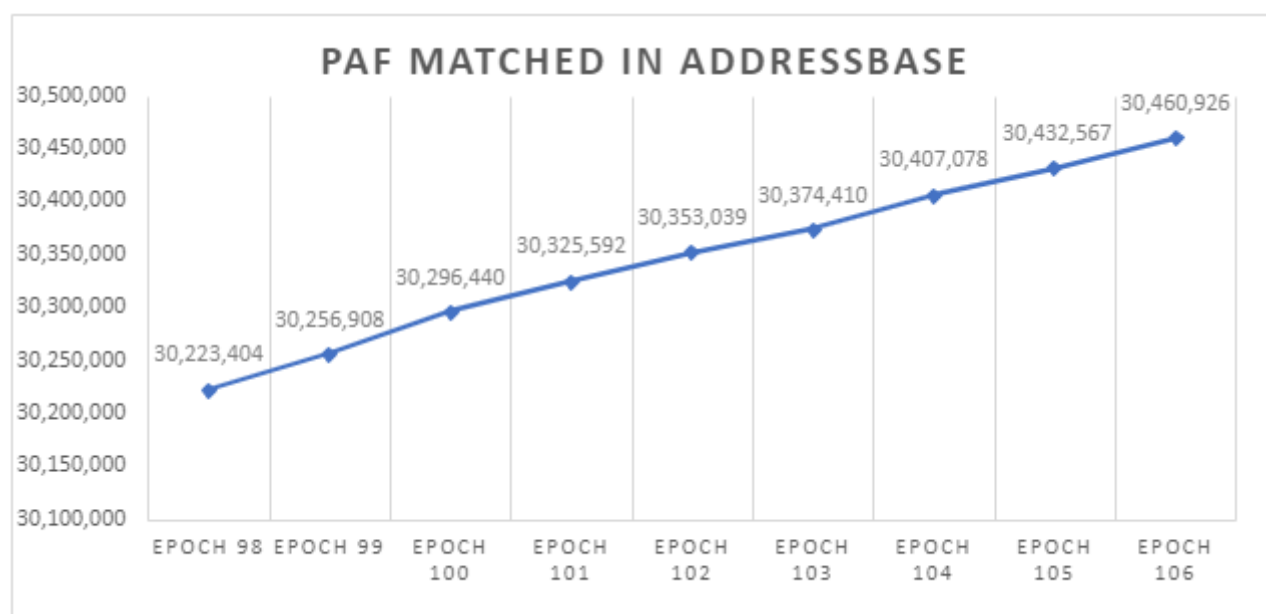
Data Source	Records Received	% Matched
Council Tax	26 964 499	99.92
Non-Domestic Rates	2 130 955	96.32

Tertiary Classifications

Work is being undertaken to improve the classifications of records within the AddressBase products. This work has resulted in 55 276 more tertiary classifications present in Epoch 106 compared to Epoch 105. Indeed, 88.8% 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 provides 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 AddressBase products, Epoch 107, is scheduled for:

Friday 05 January 2024.