AddressBase Products January 2024 Epoch 107

Release Note version 1.0

GB coverage

Version	Change
1.0	Initial release.

Introduction

This release note provides information about the January 2024 release of the AddressBase products. These products were released to customers on **05 January 2024**.

Record Counts

Product	Full Supply Record Count[1]	Change-Only Update Record Count[2]
OS Open UPRN	40 644 365	N/A
AddressBase	30 386 645	114 610
AddressBase Plus	37 929 351	524 249
AddressBase Premium	See rows below	See rows below
Street	1 501 744	6 055
Street Descriptor	1 624 334	3 329
BLPU	40 644 365	275 951
Classification	44 520 722	134 122
LPI	45 743 832	216 160
Organisation	1 412 245	16 196
Delivery Point Address	30 490 558	55 388
Application Cross Ref.	197 269 942	627 070
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	30 386 645	30 386 645	0
AddressBase Plus	37 929 351	37 929 332	19
AddressBase Premium	See rows below	See rows below	See rows below
Street	1 501 744	1 501 743	1
Street Descriptor	1 624 334	1 624 333	1
BLPU	40 644 365	40 644 342	22
Classification	44 520 722	44 520 699	23
LPI	45 743 832	45 743 808	24
Organisation	1 412 245	1 412 243	2
Delivery Point Address	30 490 558	30 490 558	0
Application Cross Ref.	197 269 942	197 269 919	23
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	37 526
Updates	68 614
Deletes	8 470
COU Populated Tile Count	5 275

AddressBase Plus

Change Type	Count
Inserts	54 062
Updates	458 759
Deletes	11 428
COU Populated Tile Count	7 261

AddressBase Premium

AddressBase Premium Table	Inserts	Updates	Deletes
Street	2 426	3 610	19
Street Descriptor	2 636	674	19
BLPU	52 904	220 510	2 537
Classification	63 653	51 535	18 934
LPI	68 427	144 366	3 367
Organisation	6 628	4 466	5 102
Delivery Point Address	37 813	9 405	8 170
Application Cross Ref.	227 465	370 122	29 483

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 107:

Data Source	Date
Royal Mail PAF	30 November 2023
National Land and Property Gazetteer	30 November 2023
One Scotland Gazetteer	30 November 2023
VOA Non-Domestic Rates	27 November 2023
VOA Council Tax	27 November 2023
OS MasterMap Topography Layer	21 November 2023
OS MasterMap Highways Network	06 November 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 7 416 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 273 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 107

Valuation Office Agency Matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 107 are detailed as follows based on Valuation Office Agency (VOA) records up to 27 November 2023. The match rate is applicable to the AddressBase Premium product.
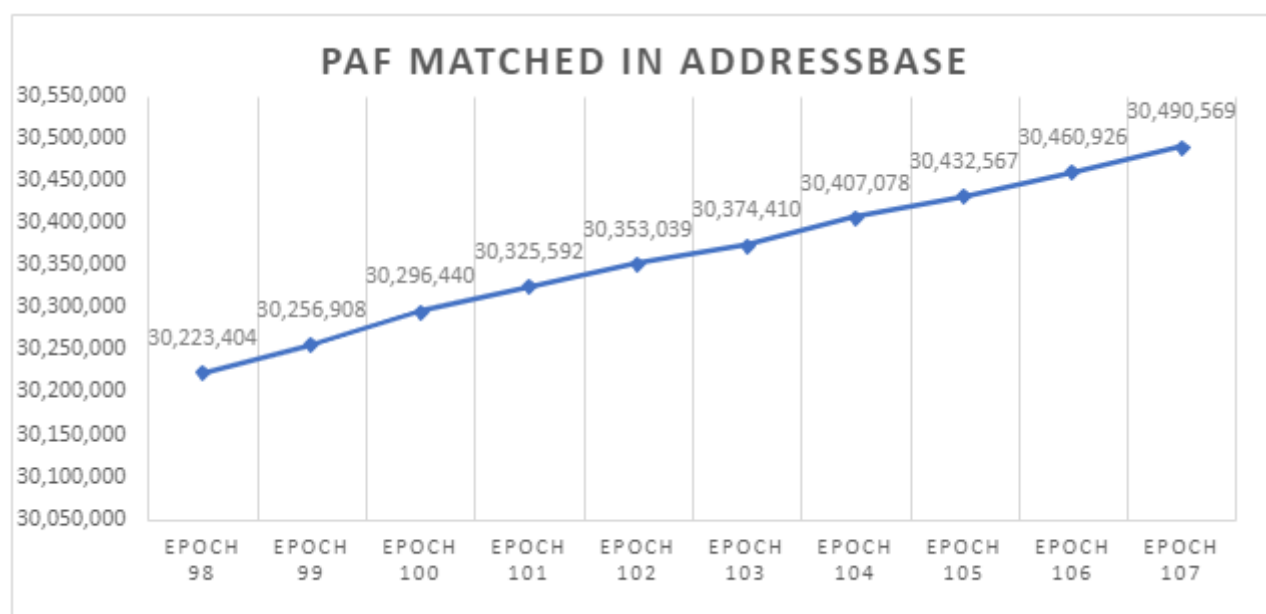
Data Source	Records Received	% Matched
Council Tax	26 995 187	99.92
Non-Domestic Rates	2 129 321	96.33

Tertiary Classifications

Work is being undertaken to improve the classifications of records within the AddressBase products. This work has resulted in 56 205 more tertiary classifications present in Epoch 107 compared to Epoch 106. Indeed, 88.79% 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 108, is scheduled for:

Thursday 22 February 2024.