

AddressBase Products January 2023 Epoch 98

Release Note version 1.0

GB coverage

Version	Change
1.0	Initial release.

Introduction

This release note provides information about the January 2023 release of the AddressBase products. These products were released to customers on **06 January 2023**.

Record counts

Product	Full Supply record count ¹	Change-Only Update record count ²
OS Open UPRN	40 251 020	N/A
AddressBase	30 120 785	122 292
AddressBase Plus	37 614 307	1 713 859
AddressBase Premium	See rows below	See rows below
Street	1 489 455	7 743
Street Descriptor	1 611 005	4 247
BLPU	40 251 020	322 492
Classification	44 138 819	107 885
LPI	45 215 249	1 630 809
Organisation	1 396 518	16 929
Delivery Point Address	30 223 401	58 955
Application Cross Ref.	195 548 570	607 990
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	30 120 782	30 120 785	3
AddressBase Plus	37 614 287	37 614 307	20
AddressBase Premium	See rows below	See rows below	See rows below
Street	1 489 452	1 489 455	3
Street Descriptor	1 611 002	1 611 005	3
BLPU	40 250 995	40 251 020	25
Classification	44 138 794	44 138 819	25
LPI	45 215 223	45 215 249	26
Organisation	1 396 516	1 396 518	2
Delivery Point Address	30 223 398	30 223 401	3
Application Cross Ref.	195 548 545	195 548 570	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	33 084
Updates	79 212
Deletes	9 996
COU Populated Tile Count	5 146

AddressBase Plus

Change type	Count
Inserts	42 759
Updates	1 658 656
Deletes	12 444
COU Populated Tile Count	7 761

AddressBase Premium

AddressBase Premium table	Inserts	Updates	Deletes
Street	1 444	6 266	33
Street Descriptor	1 553	2 654	40
BLPU	45 280	273 205	4 007
Classification	55 430	40 316	12 139
LPI	59 237	1 566 761	4 811
Organisation	8 182	4 406	4 341
Delivery Point Address	33 336	15 743	9 876
Application Cross Ref.	194 840	381 016	32 134

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 98:

Data source	Date
Royal Mail PAF	25 November 2022
National Land and Property Gazetteer	25 November 2022
One Scotland Gazetteer	07 November 2022
VOA Non-Domestic Rates	21 November 2022
VOA Council Tax	21 November 2022
OS MasterMap Topography Layer	15 November 2022
OS MasterMap Highways Network	04 November 2022
Code-Point with Polygons	03 October 2022
Boundary-Line	05 October 2022

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 5 743 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 265 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 98

Level field improvements

Following user engagement, the representation of the Level attribute will be changed from textual to numeric. This will enable users to query the level field data more easily and complete more sophisticated analysis. This improvement work will be seen across Epochs 88 and 89.

The current specification for the Level field is a character string and will remain so to enable numeric ranges to be represented. Numbered ranges will be a comma-separated list of values within the range, for example, for levels 1 to 4, the values will be represented as 1,2,3,4. Negative values will be used to represent levels below the ground, for example, BASEMENT = -1. Ground level will be represented by the number 0. Non integer values are permitted only where the decimal value is '.5' – these are permitted to allow for a representation of mezzanine levels. Any other decimal value should result in the attribute value being set to NULL.

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 98 are detailed as follows based on Valuation Office Agency (VOA) records up to 21 November 2022. The match rate is applicable to the AddressBase Premium product.

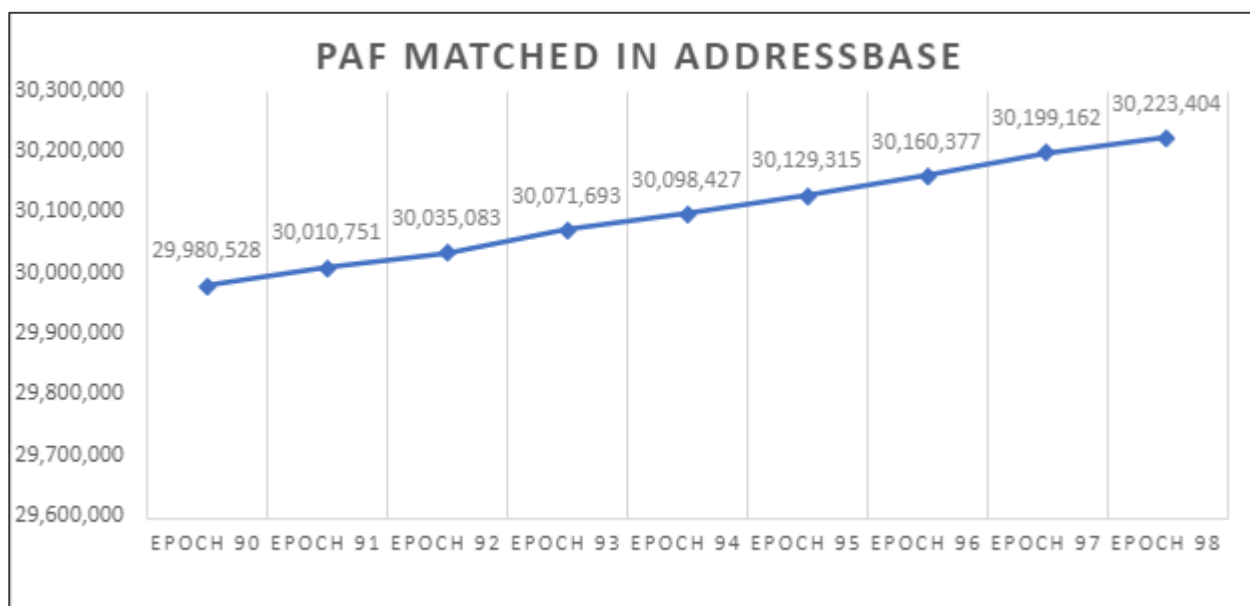
Data source	Records received	% Matched
Council Tax	26 716 230	99.92
Non-Domestic Rates	2 054 331	96.20

Tertiary Classifications

Work is being actively undertaken to improve the classifications of records within the AddressBase products. This work has resulted in 43 273 more Tertiary Classifications present in Epoch 98 compared to Epoch 97. Indeed, 88.84% 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:



Upcoming 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 are merging to form new authorities. This means that the local authority code for all addresses within the affected authorities will change 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. Please see the table below which maps the changes.

Existing authority code	New authority code
Allerdale – 905	Cumberland – 940
Carlisle – 915	Cumberland – 940
Copeland – 920	Cumberland – 940
Barrow-in-Furness – 910	Westmorland and Furness Council – 935
Eden – 925	Westmorland and Furness Council – 935
South Lakeland – 930	Westmorland and Furness Council – 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, Epoch 99, is scheduled for **Thursday 16 February 2023**.