AddressBase Products August 2022 Epoch 95

Release Note version 1.0

GB coverage

Version	Change
1.0	Initial release.

Introduction

This release note provides information about the August 2022 release of the AddressBase products. These products were released to customers on **25 August 2022**.

Record counts

Product	Full Supply record count[1]	Change-Only Update record count[2]
OS Open UPRN	40 094 617	N/A
AddressBase	30 029 245	1 44 142
AddressBase Plus	37 494 305	4 948 785
AddressBase Premium	See rows below	See rows below
Street	1 485 095	12 769
Street Descriptor	1 606 308	5 939
BLPU	40 094 617	4 772 050
Classification	43 976 696	241 005
LPI	45 009 871	272 206
Organisation	1 387 669	16 380
Delivery Point Address	30 130 101	78 094
Application Cross Ref.	194 841 401	697 150
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	30 029 245	30 029 243	2
AddressBase Plus	37 494 305	37 494 285	20
AddressBase Premium	See rows below	See rows below	See rows below
Street	1485 095	1 485 092	3
Street Descriptor	1 606 308	1 606 305	3
BLPU	40 094 617	40 094 592	25
Classification	43 976 696	43 976 671	25
LPI	45 009 871	45 009 845	26
Organisation	1 387 669	1 387 667	2
Delivery Point Address	30 130 101	30 130 099	2
Application Cross Ref.	194 841 401	194 841 376	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	46 171
Updates	83 047
Deletes	14 924
COU Populated Tile Count	5 384

AddressBase Plus

Change type	Count
Inserts	60 072
Updates	4 873 653
Deletes	15 060
COU Populated Tile Count	8 944

AddressBase Premium

AddressBase Premium table	Inserts	Updates	Deletes
Street	2 539	10 031	199
Street Descriptor	2 762	2 974	203
BLPU	63 306	4 703 802	4 942
Classification	78 180	142 529	20 296
LPI	78 674	186 668	6 864
Organisation	6 519	5 066	4 795
Delivery Point Address	46 406	16 959	14 729
Application Cross Ref.	273 364	380 422	43 364

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 95:

Data source	Date
Royal Mail PAF	22 July 2022
National Land and Property Gazetteer	22 July 2022
One Scotland Gazetteer	20 May 2022
VOA Non-Domestic Rates	18 July 2022
VOA Council Tax	18 July 2022
OS MasterMap Topography Layer	19 July 2022
OS MasterMap Highways Network	08 July 2022
Code-Point with Polygons	14 July 2022
Boundary-Line	04 June 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 7 247 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 208 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.

AddressBase Premium issues

Affected output formats: CSV

- There are 36 784 records with a Street State Date and no State value. These records are being discussed with the data supplier.

- There are 22 UPRNs in the BLPU table that reference a Parent UPRN that no longer exists.

Improvements in Epoch 95

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 95 are detailed as follows based on Valuation Office Agency (VOA) records up to 18 July 2022. The match rate is applicable to the AddressBase Premium product.
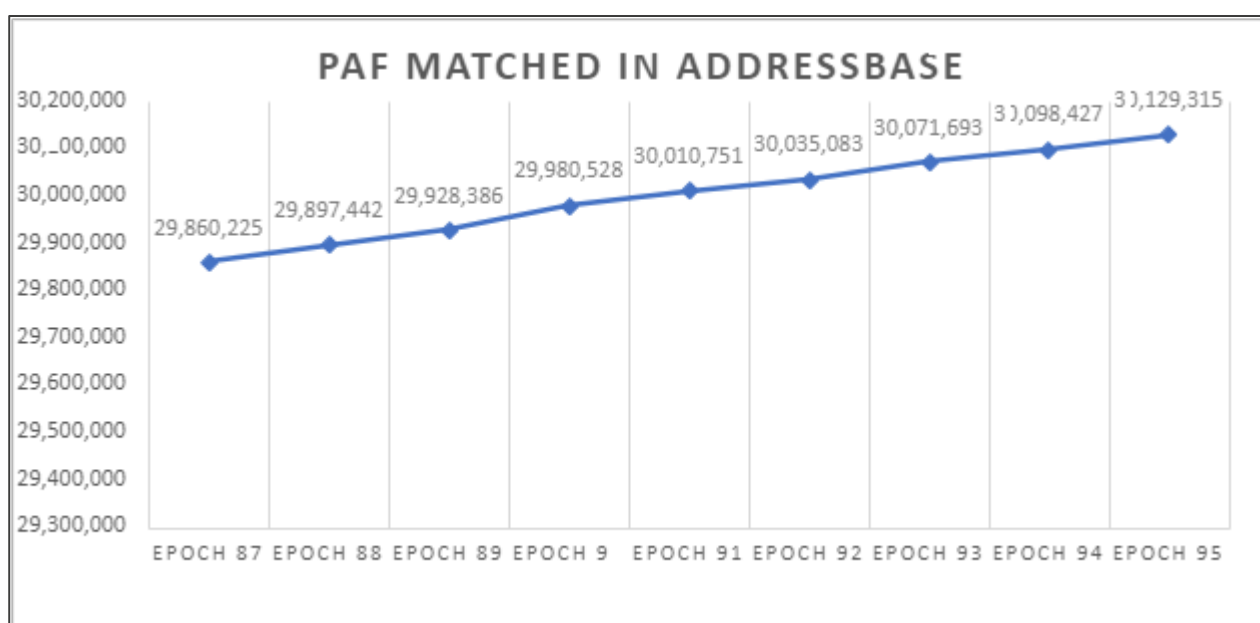
Data source	Records received	% Matched
Council Tax	26 628 693	99.93
Non-Domestic Rates	2 052 542	96.18

Tertiary Classifications

Work is being undertaken to improve the classifications of records within the AddressBase products. This work has resulted in 149 822 more Tertiary Classifications present in Epoch 95 compared to Epoch 94. Indeed, 88.86% 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:

Improvements to blpu_state code

In AddressBase Premium and AddressBase Plus, we provide information about the physical build status of a building associated with an address. This is found under the blpu_state attribute in AddressBase Premium and State in AddressBase Plus. The population of this attribute used to stand at 70% completeness because it is not a mandatory attribute for Local Authorities to populate. Across Epochs 92, 93, 94 and 95, we have improved the completeness of this attribute to approximately 95%. This has resulted in approximately 10.2 million records being updated. These updates mean that across these epochs you will have seen larger than usual Change-Only Update (COU) files.

The updates were restricted to under 4.2 million total changes per epoch (with the exception of Epoch 95) and were spread geographically where possible to avoid customers who take an Area of Interest (AOI) supply receiving exceptionally large change files.

The volume of changes to blpu_state code per epoch was as follows:

- **Epoch 92**: 1 162 022

- **Epoch 93**: 3 298 470

- **Epoch 94**: 1 747 567

- **Epoch 95**: 4 772 050 – this higher volume of changes includes the postponed BLPU state changes from Epoch 94 due to the change in Ward and Parish cross references.

Next release

The next release of AddressBase, Epoch 96, is scheduled for Thursday, 06 October 2022.