

AddressBase Products April 2024 Epoch 109

Release Note version 1.0

GB coverage

Version	Change
1.0	Initial release.

Introduction

This release note provides information about the April 2024 release of the AddressBase products. These products were released to customers on:

05 April 2024.

Record Counts

Product	Full Supply Record Count ¹	Change-Only Update Record Count ²
OS Open UPRN	40 744 085	N/A
AddressBase	30 440 058	141 664
AddressBase Plus	38 013 634	641 116
AddressBase Premium	See rows below	See rows below
Street	1 504 346	5 403
Street Descriptor	1 627 151	2 603
BLPU	40 744 085	1 651 993
Classification	44 612 110	167 219
LPI	45 869 982	152 914
Organisation	1 415 880	17 270
Delivery Point Address	30 544 920	69 763
Application Cross Ref.	197 640 540	614 650
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	30 440 058	30 440 058	0
AddressBase Plus	38 013 634	38 013 615	19
AddressBase Premium	See rows below	See rows below	See rows below
Street	1 504 346	1 504 345	1
Street Descriptor	1 627 151	1 627 150	1
BLPU	40 744 085	40 744 062	23
Classification	44 612 110	44 612 087	23
LPI	45 869 982	45 869 958	24
Organisation	1 415 880	1 415 878	2
Delivery Point Address	30 544 920	30 544 920	0
Application Cross Ref.	197 640 540	197 640 517	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	38 002
Updates	91 196
Deletes	12 466
COU Populated Tile Count	5 410

AddressBase Plus

Change Type	Count
Inserts	55 152
Updates	571 494
Deletes	14 470
COU Populated Tile Count	7 157

AddressBase Premium

AddressBase Premium Table	Inserts	Updates	Deletes
Street	1 560	3 826	17
Street Descriptor	1 603	982	18
BLPU	54 407	1 594 091	3 495
Classification	68 978	75 921	22 320
LPI	67 818	80 668	4 428
Organisation	7 066	5 090	5 114
Delivery Point Address	38 799	18 094	12 870
Application Cross Ref.	225 972	348 380	40 298

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 109:

Data Source	Date
Royal Mail PAF	01 March 2024
National Land and Property Gazetteer	01 March 2024
One Scotland Gazetteer	12 February 2024
VOA Non-Domestic Rates	26 February 2024
VOA Council Tax	26 February 2024
OS MasterMap Topography Layer	20 February 2024
OS MasterMap Highways Network	06 February 2024
Code-Point with Polygons	04 January 2024
Boundary-Line	03 October 2023

Data Issues

AddressBase Plus Issues

Affected output formats: CSV and GML

- There are 5 021 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 254 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 109

Valuation Office Agency Matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 109 are detailed as follows based on Valuation Office Agency (VOA) records up to 26 February 2024. The match rate is applicable to the AddressBase Premium product.

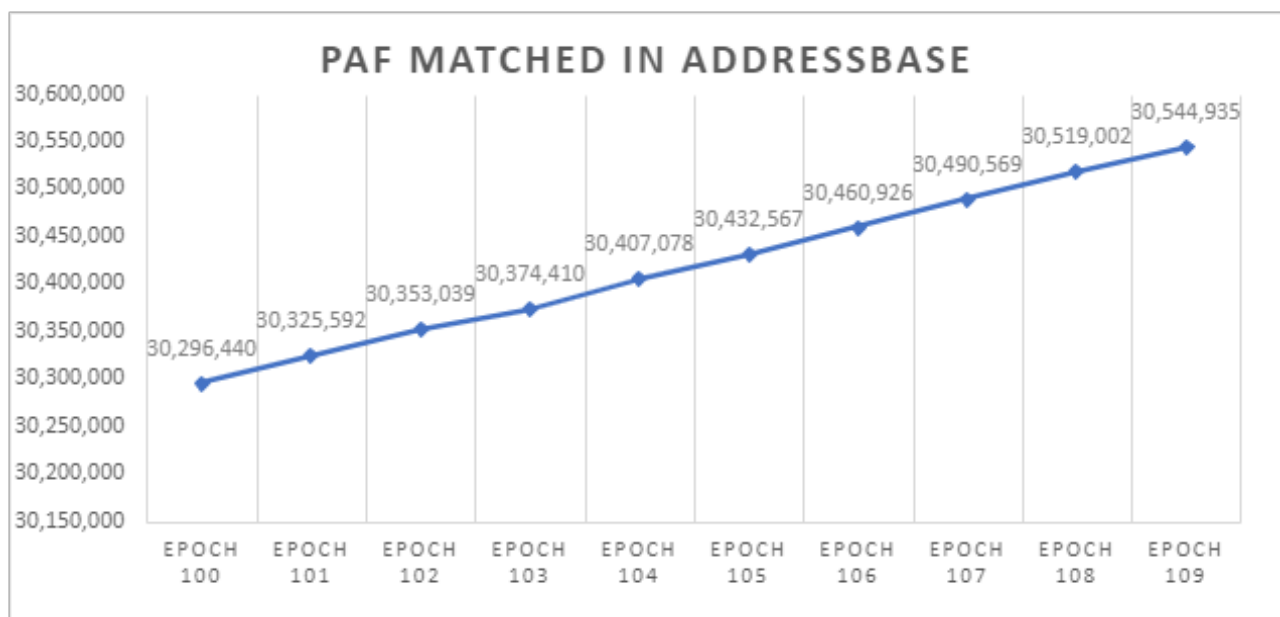
Data Source	Records Received	% Matched
Council Tax	27 033 727	99.95
Non-Domestic Rates	2 120 769	96.58

Tertiary Classifications

Work is being undertaken to improve the classifications of records within the AddressBase products. This work has resulted in 47 161 more tertiary classifications present in Epoch 109 compared to Epoch 108. Indeed, 88.77% 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:



Notification of Epoch 109's Improvement in Historic BLPU State Code Completeness and Large Release Size

Summary

This release includes an enhancement in the clarity and consistency of life cycle representation within product.

A conformance improvement has been delivered for BLPU State attribute for records where the BLPU Logical Status was 8 (historic) and BLPU State was null, for increased completeness BLPU State Code has been populated with value 4 (no longer existing) and date stamped for the change applied.

Issue description

The BLPU state identifies the current life cycle stage of a property (or object) and is additional to the mandatory LOGICAL_STATUS field.

BLPUStateCode

This enumeration is used in association with the attribute *blpuState* / *BLPU_STATE*. This enumeration describes the physical nature of the address record.

Enumeration: StateCode	
Value	Description
1	under construction
2	In use
3	Unoccupied / vacant / derelict
4	No longer existing
6	Planning permission granted

The BLPU code is an optional attribute for Local Authority Custodians to complete and therefore this attribute may be NULL in product.

An improvement to the completeness of the BLPU State Code was identified as a quality enhancement for life cycle information as values for BLPU state code 4 can be accurately inferred from a Logical Status of 8. This enhancement allows the data to be interpreted more easily by removing conflict between addresses with a historic logical status and no BLPU state.

All nations within GB and the Islands product regions will benefit from this improvement, as such it impacts approximately 1.2 million records for a full supply.

Impact

This quality improvement means a larger than usual supply of COUs.

Next Release

The next release of AddressBase products, Epoch 110, is scheduled for **16th May 2024**.