

AddressBase® Products July 2020

Epoch 77 Release



Release Note Version 1.0

GB Coverage

| Version | Change |
|---------|-----------------|
| 1.0 | Initial Release |

Introduction

This release note provides information about the July 2020 release of the AddressBase products. These products were released to customers on **July 16th 2020**.

1. Product counts

The following are product counts for the non-geographic chunked release of the AddressBase products:

| Product | Full Supply record count* | Change Only Update record count** |
|----------------------------|---------------------------|-----------------------------------|
| OS Open UPRN | 39,249,132 | |
| AddressBase | 29,419,220 | 125,138 |
| AddressBase Plus | 36,843,207 | 793,795 |
| AddressBase Premium | | |
| Street | 1,440,935 | 7,659 |
| Street Descriptor | 1,556,790 | 4,697 |
| BLPU | 39,249,132 | 581,963 |
| Classification | 43,068,124 | 238,814 |
| LPI | 43,883,074 | 143,877 |
| Organisation | 1,271,521 | 12,727 |
| Delivery Point Address | 29,518,280 | 30,175 |
| Application Cross Ref. | 191,367,360 | 594,950 |
| Successor | 0 | 0 |

*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.

**Change Only Updates are not available for the OS Open UPRN product.

2. Product 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 below 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 area of interest the count will vary.

If you are unsure of your supply type please check with your relationship manager.

| Product | MGBS Full Count | National AOI Full Count | Difference |
|----------------------------|-----------------|-------------------------|------------|
| AddressBase | 29,419,220 | 29,419,220 | 0 |
| AddressBase Plus | 36,843,207 | 36,843,203 | 4 |
| AddressBase Premium | | | |
| Street | 1,440,935 | 1,440,925 | 10 |
| Street Descriptor | 1,556,790 | 1,556,780 | 10 |
| BLPU | 39,249,132 | 39,249,114 | 18 |
| Classification | 43,068,124 | 43,068,106 | 18 |
| LPI | 43,883,074 | 43,883,055 | 19 |
| Organisation | 1,271,521 | 1,271,519 | 2 |
| Delivery Point Address | 29,518,280 | 29,518,280 | 0 |
| Application Cross Ref. | 191,367,360 | 191,367,342 | 18 |
| Successor | 0 | 0 | 0 |

3. 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 below tables detail the amount of each 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 | 20,113 |
| Updates | 99,861 |
| Deletes | 5,164 |
| COU Populated Tile Count | 5,057 |

AddressBase Plus –

| Change Type | Count |
|--------------------------|---------|
| Inserts | 43,531 |
| Updates | 733,997 |
| Deletes | 16,267 |
| COU Populated Tile Count | 7,588 |

AddressBase Premium –

| | Inserts | Updates | Deletes |
|----------------------------------|---------|---------|---------|
| Street | 1,446 | 6,128 | 85 |
| Street Descriptor | 1,567 | 3,045 | 85 |
| BLPU | 48,545 | 526,510 | 6,908 |
| Classification | 65,831 | 152,705 | 20,278 |
| LPI | 60,463 | 74,999 | 8,415 |
| Organisation | 5,696 | 4,244 | 2,787 |
| Delivery Point Address | 20,011 | 6,549 | 3,615 |
| Application Cross Ref. | 204,926 | 344,985 | 45,039 |
| COU Address Populated Tile Count | | 7,628 | |
| COU Street Populated Tile Count | | 3,788 | |

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 of this can be found in Section 8 of the Getting Started Guide on the AddressBase Product Support webpage.

4. Source data currency

The following information relates to the currency of the source data used in the creation of Epoch 77:

| Data Source | Date |
|---|------------------|
| Royal Mail PAF | 12 June 2020 |
| National Land and Property Gazetteer | 12 June 2020 |
| One Scotland Gazetteer | 2 June 2020 |
| VOA Non-Domestic Rates | 8 June 2020 |
| VOA Council Tax | 8 June 2020 |
| OS MasterMap Topography Layer | 1 June 2020 |
| OS MasterMap Highways Network | 2 June 2020 |
| Code-Point with Polygons | 28 February 2020 |
| Boundary-Line | 1 May 2019 |

5. 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 4,518 UPRNs which reference a Parent UPRN which cannot be found in product. This is because the Parent UPRN is either provisional or historic and not matched to PAF or VOA meaning it is not included in the AddressBase Plus product, as per the existing background logic rules.
- There are 682 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 are included as part of the logic for record inclusion in AddressBase Plus.

AddressBase Premium Issues

Affected output formats: CSV

- There are 43,849 records with a Street State Date and no State value. These records are being discussed with the data supplier.
- There are 3 UPRNs in the BLPU table that reference a Parent UPRN that no longer exists

6. Improvements in Epoch 77

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 77 are detailed as follows based on VOA records up to 8 June 2020.

The match rate is applicable to the AddressBase Premium product.

| Data Source | Records Received | % Matched |
|--------------------|-------------------------|------------------|
| CTAX | 26,153,735 | 99.95 |
| NDR | 2,097,497 | 96.10 |

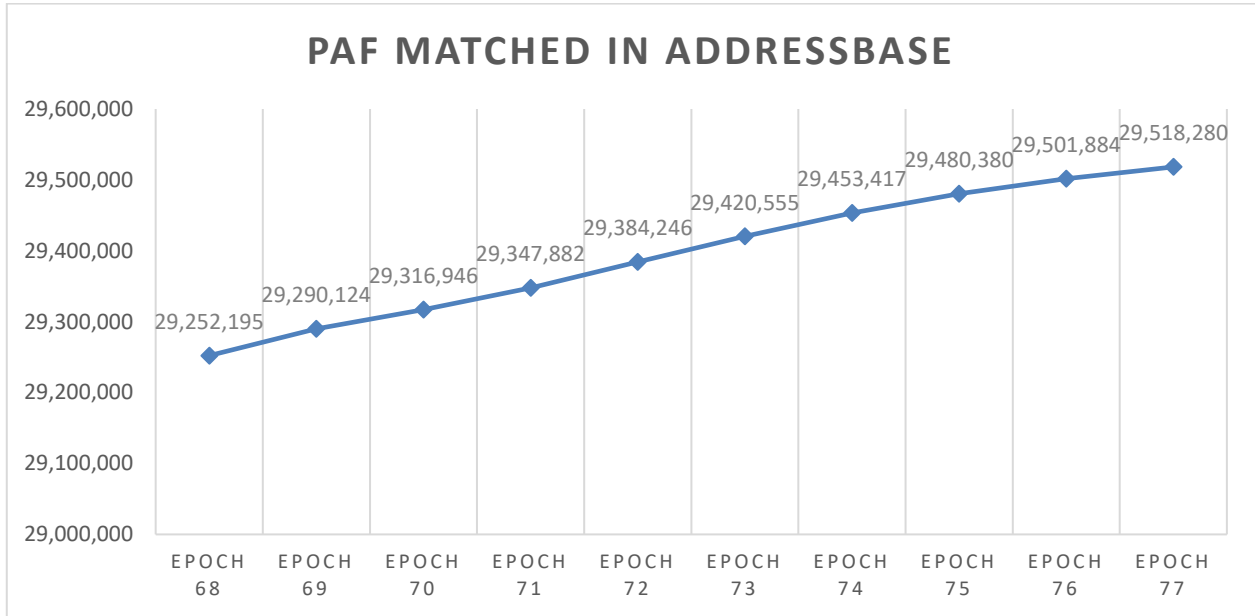
Tertiary Classifications

Work is being actively undertaken to improve the classifications of records within the AddressBase Products. This work has resulted in 124,941 more Tertiary Classifications present in Epoch 77 compared to Epoch 75. Of the 112,824 total updates, 90.30% of these are residential codes.

The following list shows Authorities where the Residential Tertiary Classification Count has increased by over 5% since the last epoch.

| | |
|---------------------------------|--------------------------|
| Cannock Chase District Council | Gosport Borough Council |
| Isle of Anglesey County Council | Milton Keynes Council |
| Mole Valley District Council | Newcastle County Council |
| Torbay Council | |

PAF Match



Coordinate Accuracy

Within our existing coordinate accuracy programme, we have identified a pool of records for which the location potentially requires review. We are undertaking work to ensure these points exist in the correct location.

The graph below shows our progress through the remaining numbers of points to be checked under this scheme of work.

