

AddressBase® Products December 2019

Epoch 72 Release



Release Note Version 1.1

GB Coverage

Version	Change
1.0	Initial version.
1.1	Correction of AddressBase Full supply record count

Introduction

This release note provides information about the December 2019 release of the AddressBase Products.

These products were released to customers on **December 18th 2019**.

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*
AddressBase	29,290,178	189,064
AddressBase Plus	36,658,648	1,090,858
AddressBase Premium		
Street	1,431,968	14,898
Street Descriptor	1,546,877	5,126
BLPU	38,986,424	758,184
Classification	42,778,826	246,479
LPI	43,547,017	201,199
Organisation	1,248,819	16,186
Delivery Point Address	29,384,217	67,967
Application Cross Ref.	190,319,470	1,278,324
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.

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	29,290,178	29,290,178	0
AddressBase Plus	36,658,648	36,658,644	4
AddressBase Premium			
Street	1,431,968	1,365,026	66,942
Street Descriptor	1,546,877	1,464,649	82,228
BLPU	38,986,424	38,986,419	5
Classification	42,778,826	42,778,821	5
LPI	43,547,017	43,547,012	5
Organisation	1,248,819	1,248,818	1
Delivery Point Address	29,384,217	29,384,217	0
Application Cross Ref.	190,319,470	190,319,465	5
Successor	0	0	0

The different in the Street and Street Descriptor is explained by the AOI extraction process only selecting streets linked to an LPI record for inclusion and counted in the AOI supply.

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	45,096
Updates	133,928
Deletes	10,040
COU Populated Tile Count	5,508

AddressBase Plus –

Change Type	Count
Inserts	60,556
Updates	1,013,281
Deletes	17,021
COU Populated Tile Count	7,312

AddressBase Premium –

	Inserts	Updates	Deletes
Street	1,594	13,247	57
Street Descriptor	1,707	3,354	65
BLPU	61,333	692,814	4,037
Classification	86,074	137,977	22,428
LPI	79,817	116,008	5,374
Organisation	6,388	5,000	4,798
Delivery Point Address	45,610	13,111	9,246
Application Cross Ref.	428,782	627,454	222,088
COU Address Populated Tile Count		7,387	
COU Street Populated Tile Count		4,348	

4. Source data currency

The following information relates to the currency of the source data used in the creation of Epoch 72:

Data Source	Date
Royal Mail PAF	15 November 2019
National Land and Property Gazetteer	15 November 2019
One Scotland Gazetteer	5 November 2019
VOA Non Domestic Rates	11 November 2019
VOA Council Tax	11 November 2019
OS MasterMap Topography Layer	4 November 2019
OS MasterMap Highways Network	2 November 2019
Code-Point with Polygons	16 September 2019
Boundary-Line	1 October 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 4,643 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 710 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 new logic for record inclusion in AddressBase Plus.

AddressBase Premium Issues

Affected output formats: CSV

- There are 47,449 records with a Street State Date and no State value. These records are being discussed with the data supplier.
- There are two classification keys and 223 organisation keys that have been re-used in Premium. It was accepted to re-use the keys as part of the transformation logic due to system errors during load. The classification keys that have been re-used are:

UPRN	Authority	Key
122007333	9078	9078C000002523
122040599	9078	9078C000045202

The 223 re-used organisation keys in the authority 9071 can be found at the end of this document.

6. Improvements in Epoch 72

Valuation Office Agency matching

The match rates for Council Tax and Non-Domestic Rates for Epoch 72 are detailed as follows based on VOA records up to 11 November 2019.

The match rate is applicable to the AddressBase Premium product.

Data Source	Records Received	% Matched
CTAX	26,027,844	99.95
NDR	2,085,349	95.97

Tertiary Classifications

Work is being actively undertaken to improve the classifications of records within the AddressBase Products.

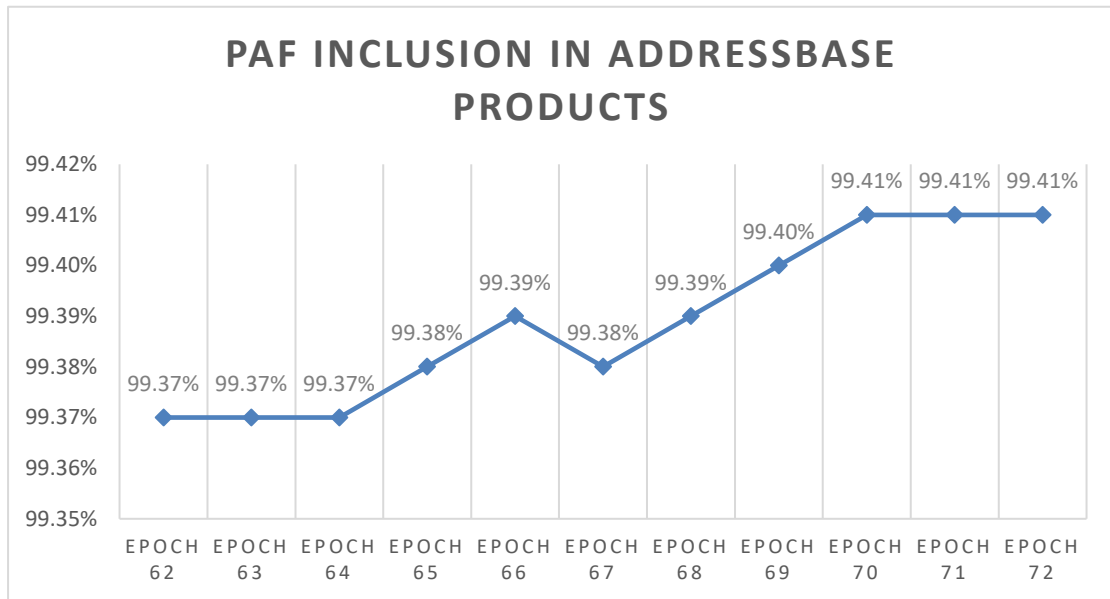
This work has resulted in 152,191 more Tertiary Classifications present in Epoch 72 compared to Epoch 70. Of the 152,191 total updates, 90.72% of these are residential codes. In total since this work began over 29 million records have been classified to a tertiary level.

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

Aylesbury Vale District Council	Cheshire East Council
Leicester City Council	London Borough of Hammersmith & Fulham

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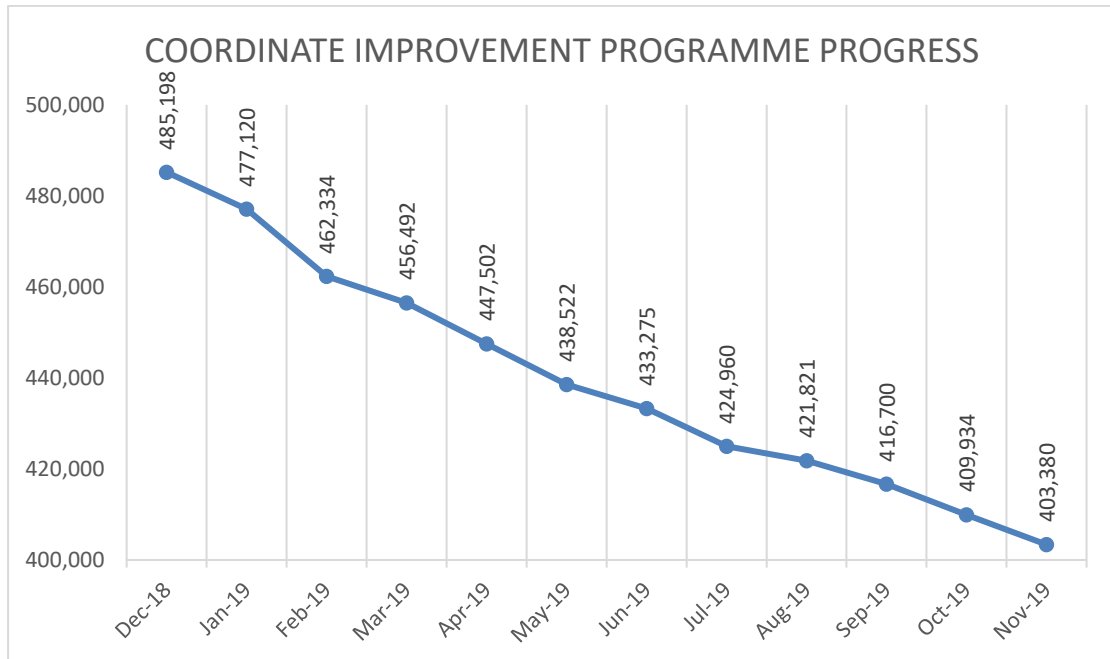
PAF Inclusion



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.



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Primary Classifications (Scotland)

Since Epoch 60 there has been a concentrated effort to improve "Unclassified" BLPU records in Scotland. In Epoch 72 just over 700 records have been correctly classified since the last release with nearly 120,000 improvements made since Epoch 60.

Level fields

There are approximately 190 UPRNs in Scotland that have a level in the LPI table that is equal to '9999'. This is a temporary level field entry whilst more information is collected by the local authority on the level of the address and will be corrected in future releases.

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Re-used Organisation Keys in Authority 9071

UPRN	Organisation Key	UPRN	Organisation Key	UPRN	Organisation Key
133053251	9071O000000139	133039840	9071O000000295	133001539	9071O000000065
133053252	9071O000000140	133039866	9071O000000226	133001631	9071O000000259
133054278	9071O000000080	133039893	9071O000000002	133001666	9071O000000284
133055493	9071O000000160	133039903	9071O000000178	133001666	9071O000000062
133055512	9071O000000117	133039963	9071O000000106	133001667	9071O000000298
133055835	9071O000000166	133040221	9071O000000281	133001677	9071O000000248
133055836	9071O000000165	133040312	9071O000000039	133001677	9071O000000247
133056764	9071O000000159	133040346	9071O000000304	133001691	9071O000000245
133057488	9071O000000268	133040561	9071O000000082	133001692	9071O000000244
133057694	9071O000000190	133040591	9071O000000252	133001698	9071O000000305
133057695	9071O000000192	133040598	9071O000000031	133001724	9071O000000081
133058308	9071O000000053	133040604	9071O000000255	133000073	9071O000000130
133058371	9071O000000173	133040646	9071O000000023	133000076	9071O000000133
133058529	9071O000000169	133040772	9071O000000026	133000077	9071O000000131
133058955	9071O000000021	133040780	9071O000000068	133000078	9071O000000157
133059044	9071O000000100	133040931	9071O000000020	133000084	9071O000000155
133059540	9071O000000010	133041007	9071O000000105	133000085	9071O000000156
133059899	9071O000000067	133044769	9071O000000132	133000086	9071O000000154
133059988	9071O000000143	133045520	9071O000000236	133000087	9071O000000135
133060887	9071O000000092	133049384	9071O000000150	133000088	9071O000000134
133060895	9071O000000091	133049527	9071O000000164	133000089	9071O000000136
133060906	9071O000000093	133053038	9071O000000099	133000090	9071O000000138
133061196	9071O000000090	133053039	9071O000000098	133000142	9071O000000243
133061197	9071O000000089	133000571	9071O000000186	133000176	9071O000000229
133061285	9071O000000137	133000575	9071O000000176	133000178	9071O000000228
133061431	9071O000000286	133000578	9071O000000172	133000179	9071O000000230
133061444	9071O000000107	133000582	9071O000000174	133000180	9071O000000232
133061640	9071O000000022	133000583	9071O000000175	133000197	9071O000000061
133065762	9071O000000072	133000585	9071O000000203	133000199	9071O000000292
133067143	9071O000000242	133000586	9071O000000204	133000199	9071O000000033
133067314	9071O000000054	133000587	9071O000000223	133000212	9071O000000127
133067711	9071O000000070	133000588	9071O000000220	133000214	9071O000000128
133067712	9071O000000069	133000591	9071O000000222	133000227	9071O000000118
133067846	9071O000000146	133000592	9071O000000211	133000228	9071O000000119
133067847	9071O000000153	133000593	9071O000000215	133000229	9071O000000123
133067855	9071O000000198	133000595	9071O000000213	133000231	9071O000000120
133068643	9071O000000270	133000596	9071O000000218	133000233	9071O000000287
133068759	9071O000000273	133000597	9071O000000205	133000233	9071O000000121
133069603	9071O000000302	133000598	9071O000000225	133000234	9071O000000122
133001726	9071O000000078	133000601	9071O000000274	133000235	9071O000000124
133001739	9071O000000077	133000601	9071O000000210	133000236	9071O000000126

133001799	9071O000000279	133000605	9071O000000207	133000238	9071O000000125
133001846	9071O000000283	133000606	9071O000000017	133000241	9071O000000200
133002006	9071O000000294	133000609	9071O000000163	133000242	9071O000000199
133002043	9071O000000271	133000612	9071O000000162	133000269	9071O000000258
133002045	9071O000000272	133000613	9071O000000161	133000380	9071O000000111
133002135	9071O000000086	133000620	9071O000000251	133000390	9071O000000035
133002184	9071O000000084	133000661	9071O000000045	133000393	9071O000000056
133002187	9071O000000083	133000663	9071O000000048	133000498	9071O000000168
133002188	9071O000000024	133000676	9071O000000265	133000499	9071O000000018
133002355	9071O000000290	133000677	9071O000000266	133000536	9071O000000197
133002503	9071O000000299	133000681	9071O000000047	133000540	9071O000000202
133036180	9071O000000240	133000688	9071O000000027	133000541	9071O000000201
133036386	9071O000000030	133000690	9071O000000239	133000542	9071O000000195
133036392	9071O000000275	133000692	9071O000000238	133000543	9071O000000194
133037710	9071O000000260	133000720	9071O000000237	133000545	9071O000000267
133037838	9071O000000227	133000820	9071O000000167	133000545	9071O000000193
133037841	9071O000000206	133000823	9071O000000170	133000545	9071O000000264
133037843	9071O000000221	133000825	9071O000000171	133000548	9071O000000177
133037844	9071O000000224	133000829	9071O000000296	133000550	9071O000000046
133037850	9071O000000064	133000830	9071O000000103	133000551	9071O000000044
133037865	9071O000000102	133000831	9071O000000104	133000552	9071O000000180
133037866	9071O000000101	133000843	9071O000000094	133000553	9071O000000057
133038574	9071O000000300	133000880	9071O000000276	133000554	9071O000000036
133038770	9071O000000085	133000924	9071O000000280	133000555	9071O000000059
133038884	9071O000000079	133000950	9071O000000040	133000556	9071O000000189
133038986	9071O000000306	133000968	9071O000000257	133000557	9071O000000185
133039260	9071O000000263	133000994	9071O000000088	133000558	9071O000000183
133039260	9071O000000060	133001049	9071O000000063	133000559	9071O000000184
133039266	9071O000000037	133001098	9071O000000087	133000562	9071O000000049
133039582	9071O000000307	133001262	9071O000000297	133000566	9071O000000191
133039606	9071O000000308	133001265	9071O000000246	133000568	9071O000000181
133039607	9071O000000250	133001396	9071O000000303	133000569	9071O000000188
133039624	9071O000000301	133001435	9071O000000256		
133039763	9071O000000182	133001537	9071O000000291		