

GBF Full Electoral Register

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Revision 1, December 2017

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Introduction

Full Electoral Register Data Information

This guide provides an overview of the United Kingdom with Full Electoral Register (GBF) Additional Dataset.

For general information about the United Kingdom (GBR Address) data, see the United Kingdom Data Guide. For information about a specific Additional Dataset, see the relevant Additional Data Guide.

You must have the GBR Address Dataset installed to use the Full Electoral Register Additional Dataset.

GBF Full Electoral Register Additional Dataset

Use of the Full Electoral Register is restricted to organisations who are legally entitled to use it for specified purposes.

| Dataset Code: | GBF |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Filename: | gbrfer.ads, gbrfer.zlx, gbrfer.zlt (NameTracer Pro only) |
| Approximate Data Size: | 415MB 780MB for NameTracer Pro |
| Data Source: | The Full Electoral Register © Experian Ltd. |
| Update Frequency: | Quarterly |
| Expiry: | <p>The quarterly data release dates are:</p> <ul style="list-style-type: none">• March• June• September• December <p>Data files will expire 8 months after creation. March data will expire in November of the same year, for example. Ensure every data update is applied promptly, otherwise the data may expire and the product will become unusable.</p> |

The Full Electoral Register contains the name and address of every individual registered to vote at the time of the Electoral Canvass in the previous year. If an individual is due to reach their eighteenth birthday during the following year then their date of birth is also included.

The Full Electoral Register is compiled by Experian who receive local versions of the Full Electoral Register from all the local authorities in the UK. The majority of the data is collected during the Electoral

Canvasses that take place in the October of the year preceding the release.

Local authorities run a Rolling Registration process which enables people to register to vote at any time of the year following a change of address. Experian receives Rolling Register updates quarterly and incorporates this data into the next quarterly release of the GBF Full Electoral Register dataset.

For those companies not permitted to use the Full Electoral Register, there is a 'reduced' version available which can be used by any third party for any lawful purpose. Experian ConsumerView contains records of those people who have not opted out from having their names and addresses published, and also contains information from other Experian data assets and partner organisations. This information is available from Experian as the GBN Names dataset. See the United Kingdom Names Additional Data Guide for details.

About This Data

Area Covered

The Full Electoral Register Additional Dataset contains information for addresses in the following areas:

| | England | Scotland | Wales | N. Ireland | Isle of Man | Channel Islands |
|-----------------------------|---------|----------|-------|------------|-------------|-----------------|
| GBF Full Electoral Register | ✓ | ✓ | ✓ | ✓ | ✓ | |

Address Elements

The following address elements are specific to the GBF Full Electoral Register data files. For a full list of address elements, see the GBR Data Guide.

| Address Element | Example | Element Code |
|--------------------|----------|--------------|
| Title | Mr | N23 |
| Forename Submitted | Forename | |
| Forename | Robert | N21 |
| | Bob | N21 |
| Middle Initial | S | N22 |
| Surname | Watts | N11 |

About DataPlus Information

You can configure your Experian products to use any of the DataPlus sets that are available for GBR Address data and the GBF Full Electoral Register data. Please refer to the relevant section of the product documentation for information on configuring Experian products to return DataPlus information.

Each DataPlus set (.dap) is divided into one or more items. Experian products can be configured to return these items via the Configuration Editor (using the element name) or the configuration file (using the code name). This section details the DataPlus sets currently available for GBF Full Electoral Register Additional Dataset.

In addition to these DataPlus sets, GBF Full Electoral Register Data can also use the DataPlus sets that are available for GBR data. See the GBR Data Guide for details of these DataPlus sets.

DataPlus Sets For GBF Full Electoral Register Data

The following DataPlus sets are available with GBF Full Electoral Register Data:

- GBF Date of Birth
- GBF Individual Length of Residency
- GBF Individuals on Public Register
- GBR PAF Match Quality

When GBF data is used with Batch V5.00 or later, or NameTracer Pro V5.00 or later, the element names in each DataPlus set are preceded by "FER"; for example, GBRFDB will read "FER Date of Birth".

GBF Date of Birth

Identifier:

GBRFDB The GBRFDB DataPlus set returns the date of birth for a given name. Date of birth information is obtained from the Full Electoral Register by Experian.

| Element | Code | Description |
|---------------|------|-------------------------------------|
| Date of Birth | Date | Date of birth in DD/MM/YYYY format. |

GBF Individual Length of Residency

Identifier: GBRFLR

The GBRFLR DataPlus set returns the length of residency, in years, for a given name at a given address.

| Element | Code | Description |
|--------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Years of Residency | Years | Number of continuous years that an individual has been at the address given in the Electoral Register. A value of 10 indicates that they are a new resident at this address. |

The way this data is rounded was changed at the end of 2010. Previously, a value of 1 indicated that a resident was new at an address. This has since been replaced by a value of 0; a value of 1 now means that the resident has lived at the address for at least one year.

If the name has not been entered in exactly the same way each year into the Electoral Register, then the Years of Residency will reset to 10.

GBF Individuals on Public Register

Identifier: GBRFIE

The GBRFIE DataPlus set returns information about whether or not a given name is present in Experian ConsumerView.

If an individual is present in Experian ConsumerView, then they are eligible for their data to be used by any third party for any lawful reason. If the individual is not present in Experian ConsumerView, then their details are only available on the Full Electoral Register and must only be used in accordance with the appropriate legislation.

| Element | Code | Description |
|-------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| On Edited Electoral Register? | OnEditReg | Indicates whether an individual is present in Experian's ConsumerView Database. The value of this item is Yes if the person is present on the database, or No if they are not. |

GBR PAF Match Quality

Identifier: GBRQAL

The GBRQAL DataPlus set returns a quality assessment of the match made for a given address between the GBF Full Electoral Register dataset and PAF data.

| Element | Code | Description |
|-------------------------|----------|------------------------------------------------------------------------------------------------|
| PAF Quality of Address | Address | 0 Full postal address match. |
| | | 1 Exact organisation and full postal address match. |
| | | 2 Close organisation and full postal address match. |
| | | 3 Full premise-level match – additional organisation or sub-premise information exists on PAF. |
| | | 4 Partial premise level match – non-PAF sub-premise information added |
| | | 5 Street level match – non-PAF premise information added. |
| | | 6 Place level match – non-PAF premise and street information added. |
| | | 9 Address unmatched. |
| PAF Quality of Postcode | Postcode | 0 Postal code match. |
| | | 1 Postal code added. |

Using This Data

This section provides tips for address searching when using Pro and Pro Web, or when performing Interactive cleaning in Batch.

These searches are accurate at the time of data release. However, search results may differ depending on the data release you are using.

With Pro

Search Examples: Typedown

The following table provides a list of these example search types:

- Returning Names information from an address picklist
- Locating Names information at street level

| Search type | Example |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Locating Names information from an address picklist | <ol style="list-style-type: none">1. Enter the location, solihull, and press Enter.2. Enter the first part of the streetname, lighthorne, and press Enter. In this example this is enough to uniquely identify Lighthorne Road.3. Enter the premises number, 56, and press Enter. One premise match is displayed, together with the names of all residents at that address.4. Select the required resident and press Enter to return the full address. |
| Locating Names information at street level | <ol style="list-style-type: none">1. Enter the location, manchester, and press Enter.2. Enter the first part of the street name, kingsley. From the picklist, select Kingsley Road, Manchester, and press Enter. This will display all premises and names data for the selected street.3. Alternatively, you can type in the name of the resident you are looking for, to return matches with only that name.4. Click on the required resident, and press Enter. The name and full address are returned. |

Search Examples: Single Line

The following table provides a list of these example search types:

- Returning Names information with a full address known

| Search type | Example |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Returning Names information with a full address known | <ol style="list-style-type: none">1. Enter the premises number followed by the postcode, 90, eh64hs, and press Enter.2. Select the resident's name from the picklist to return the full address. |

With Pro Web

Scenarios

The following table indicates the relevant search for each Pro Web scenario and search engine that supports GBF Full Electoral Register data.

| Scenario | Search Engine | For search examples, see: |
|--------------------------|--------------------------|----------------------------------------------------------------------------------|
| Single Line | Single Line hierarchical | Single Line search examples. |
| Standard Typedown | Single Line hierarchical | Typedown examples Single Line search examples |
| ActiveX Control Typedown | Single Line hierarchical | Typedown examples Single Line search examples |

With Batch

If you are using Batch to clean your database against more than one dataset, DataPlus information **cannot** be configured.

This section details the information relevant to using Batch with the United Kingdom with Full Electoral Register Additional Dataset.

If your database contains names, and you have United Kingdom with Full Electoral Register (GBF) data, Batch can use this extra information to increase the likelihood of obtaining a match. In order for Batch to be able to use name information, you must specify which input fields contain names.

Using Batch Standalone, you can specify which fields contain name information on the InputSelect Input Fields panedialog during the Address Configuration stage of the Configuration Wizard. The input fields for names data are listed in the [Dataset- Specific Input Field Types](#) section. See the main Help file or the User Guide supplied with Batch for more information on specifying input fields.

Batch API users need to specify the relevant element codes (see “Address Elements” in the GBR Data Guide) using the **InputLineN** setting in the relevant layout in QAWORLD.INI. See the API documentation supplied with Batch for more information.

Batch can output any names that it matches. However, this will result in the loss of your original names information in situations where Batch finds a good address but fails to match the name. For this reason it is strongly recommended that you do not attempt to overwrite your existing names information with Batch's output. By default Batch will not include names in its output unless they are explicitly configured.

Configuring Names Matching Tolerance

Batch allows you to configure the level of tolerance that is allowed when matching names. This option can be set in the following ways:

- **Batch Standalone:** Names matching tolerance can be configured using the **Session Options** dialog. This can be accessed by selecting **Session > Options**, or by clicking **Configure Advanced Options** from the main Batch dialogue. See the Batch User Guide for more information.
- **Batch API:** Names matching tolerance can be set using the **NamesTolerance** setting in the QAWORLD.ini file. See the *Batch API Guide* for more information.

There are four levels of Names Matching Tolerance:

- Exact
- Intermediate
- Standard
- Relaxed

A detailed comparison of the differences between the four levels of names matching tolerance can be found in the *Batch User Guide* and *Batch API Guide*.

Dataset-Specific Input Field Types

When you are configuring a Batch session, you can specify the address elements which are contained in your input fields. This can speed up the cleaning process as Batch does not have to work out which address element is contained within a field.

The following table describes the input fields that you can specify for GBF Full Electoral Register data, and the address elements Batch will expect for each. The field types are available from the InputSet Field Typepanedrop-down menu duringin the Address ConfigurationSelect Input Fieldsstagedialog of the Batch Configuration Wizard.

| Input Field Type | Expected Address Element |
|------------------|--------------------------|
| Title | Title |
| Forename | Forename |
| Middle Initial | Middle Initial |
| Surname | Surname |

If your input field contains more than one address element, you can specify these from the **Multiple Elements** sub-menu, from within the **Advanced Elements** menu. For example, you can specify that the Forename and Middle Initial elements are stored in the same field in your input file. The dataset-specific input field types available from this menu for GBF data are:

| Item | Field Contains |
|----------------|----------------|
| Title | Title |
| Forename | Forename |
| Middle Initial | Middle Initial |

Extended Dataset-Specific Information Bits

For any given record, Batch uses dataset-specific information bits (see “Dataset-Specific Information Bits” in the GBR Data Guide) to provide information on how well it has matched any names that were supplied. In addition to these, when using GBF data, a selection of extended dataset-specific information bits can be returned. Refer to the main Batch documentation for more information on matching rules and information bits.

- For Standalone users, the extended dataset-specific information bits are returned as the second 8 digits of the 16-digit extended match result as displayed in Interactive.
- For API users, these are returned by the function **QABatchWV_GetMatchInfo** as parameter **rlCountryInfo2**, and from the function **QABatchWV_Clean** in the parameter **rsReturnCode** from the 21st to 28th characters. See the Batchmanual for further information about these functions.

The following table provides a full list of extended dataset information bits that can be returned.

| Information Bit | Description |
|-----------------|------------------------------------------------------------------------|
| 10000000 | Full surname match |
| 20000000 | Full forename match |
| 40000000 | Forename initial matched to reference forename |
| 80000000 | Name/initial matched to reference middle initial |
| 01000000 | Name title matched |
| 02000000 | Name gender correlation |
| 00100000 | Alias used to match forename |
| 00200000 | Typo(s) present in supplied name |
| 00400000 | Forename and middle name swapped to achieve a match |
| 00800000 | Multiple reference name matches found |
| 00010000 | Experian organisation present for matched address |
| 00020000 | Experian organisation trading style alias retainable in output address |

Search Examples: Batch Interactive

For examples of address searching using Batch Interactive, see [Typedown search examples](#) and [Single Line examples](#).

With NameTracer Pro

For search examples using this data with NameTracer Pro, see the NameTracer Pro documentation.