

# United Kingdom with Names

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# Introduction

## Names Data Information

This guide provides an overview of the United Kingdom with Names (GBN) 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 GBN Additional Dataset.

## GBN Names Additional Dataset

Dataset Code:	GBN
Filenames:	gbrnam.ads, gbrnam.zlx, gbrnam.zlt (NameTracer Pro only)
Approximate Data Size:	340MB 670MB for NameTracer Pro
Data Source:	Experian ConsumerView Database. All data, extracts and updates © Experian Ltd.
Update Frequency:	Monthly (except the NameTracer Pro specific files, which are updated quarterly)
Expiry:	<p>The quarterly data release dates are:</p> <ul style="list-style-type: none"><li>• March</li><li>• June</li><li>• September</li><li>• December</li></ul> <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>

Experian ConsumerView is a comprehensive database of UK consumers that includes data from the following sources:

- The Edited Electoral Register (this excludes individuals who have opted out of having their names and addresses published);
- Experian's own data assets;
- Partner organisations.

Use of the United Kingdom With Names Additional Dataset is governed by the *Special Terms And Conditions Relating To Names Data*. Refer to this document, or consult your Experian Account Manager for details.

The ADS is updated on a monthly basis (except the NameTracer Pro specific files, which are updated quarterly), resulting in more regular updates than were traditionally available with the Electoral Register. Also individual data records will only be included within Experian ConsumerView where there has been activity at the individual's address for the past 12 months (for example, an application for a credit card in that individual's name). Additionally, if an individual is matched with the same address according to numerous data sources, this provides a high-degree of confidence in the validity of that individual's identity.

## List Of Available Data Files

File Name	File Type	Comment
.ads	Additional Dataset	Contains Additional Dataset information. Must be used in conjunction with a .dts file.
.dap	DataPlus Set	Contains DataPlus information. See the <a href="#">About This Data</a> section for more information about the available DataPlus sets.
.zlx	Single Line Index File	Indexing information for use with Single Line searching.
.zlt	Single Line Index File for NameTracer Pro	Indexing information for use with NameTracer Pro.

# About This Data

## Area Covered

The Names Additional Dataset contains information for addresses in the following areas:

	England	Scotland	Wales	N. Ireland	Isle of Man	Channel Islands
GBR Names	✓	✓	✓	✓	✓	

## Address Elements

The following address elements are specific to the GBR Names 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	Robert 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 GBR Names Additional Dataset. Please refer to the relevant section of the product documentation for information on how to configure 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 GBR Names Additional Dataset.

In addition to these DataPlus sets, GBR Names 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 GBR Names Data

The following DataPlus sets are available with GBR Names data:

- GBR Date of Birth
- GBR Individual Length of Residency
- GBR Names Source Code
- GBR PAF Match Quality

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

## GBR Date of Birth

**Identifier:** GBRNDB

The GBRNDB DataPlus set returns the date of birth for a given name. Date of birth information is obtained from Experian ConsumerView.

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

## GBR Individual Length of Residency

**Identifier:** GBRNLR

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

Length of residency information is obtained from Experian ConsumerView. The data is produced by matching new ConsumerView data against the previous year's data. However, in order to be matched each year, the first name and surname must be spelled exactly the same way in both files.

Element	Code	Description
Years of Residency	Years	Number of continuous years that the individual has been at the given address on Experian ConsumerView. A value of 1 indicates that they are new at this address.

## GBR Names Source Code

**Identifier:** GBRNSC

The GBRNSC DataPlus set returns details about the information source for a given name. The Name Source Code, Name Source and Name Verified are returned.

Element	Code	Description
Name Source	Code	Source of Names data. The first digit of the code is "1" for the Electoral Register and "2" for other data sources. The second digit of the code is "1" if Experian have verified the name against another data supply or "0" if not.
Name Source	SourceName	Description of the source data; either "Electoral Register" or "Other Data Source".
Name Verified	Verified	Value always either "Yes" or "No", depending on whether the name has been verified against another data supply.

## GBR PAF Match Quality

**Identifier:** GBRQAL

The GBRQAL DataPlus set returns a quality assessment of the match made for a given address between the PAF data and the raw GBRNAM data supplied to Experian. The more confident Experian is in the match between the raw data supplied and the PAF address data, the better the match quality that is returned.

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
1 Postal code added.		

## Household Key

**Identifier:** GBRNHK

The GBRNHK DataPlus set returns a Household key. The information about this DataPlus item is obtained from Experian ConsumerView.

This DataPlus set is licensed separately from the other GBR Names DataPlus sets. In order to acquire a licence for these datasets, contact your Experian Account Manager.

Element	Code	Description
Household key	HouseholdKey	The value is a numerical key for a household. The household key is unique to an address and is only returned with addresses that have one or more names against them.

## Person Key

**Identifier:** GBRNPK

The GBRNPK DataPlus set returns a Person Key. The information about this DataPlus item is obtained from Experian ConsumerView.

This DataPlus set is licensed separately from the other GBR Names DataPlus sets. In order to acquire a licence for these datasets, contact your Experian Account Manager.

Element	Code	Description
Person key	PersonKey	The value is a numerical key for a person. The Person key is unique to the person and is only returned with addresses that have one or more names against them.

# 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 documentation. However, search results may differ depending on the data release you are using.

## With Pro

### Search Examples: Typedown

Enter postcode or place
GU3 3BQ

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

## Search Examples: Single Line

Enter search
35 douglas st, de238lh

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

- Returning Names information with a full address known

Search Type	Explanation
<b>Returning Names information with a full address known</b>	<ol style="list-style-type: none"><li>1. Enter the premises number followed by the postcode, <b>7, eh64hu</b>, and press <b>Enter</b>.</li><li>2. Select the resident's name from the picklist that appears to return the full address.</li></ol>

## With Pro Web

### Scenarios

The following table indicates the relevant search examples for each Pro Web scenario and search engine that supports GBR With Names data.

Scenario	Search Engine	For example searches, see:
Address Capture on the Intranet	Single Line hierarchical	<a href="#">Single Line search examples.</a>
Single Line	Single Line hierarchical	<a href="#">Single Line search examples.</a>
Standard	Typedown Single Line hierarchical	<a href="#">Typedown examples.</a> <a href="#">Single Line search examples.</a>
ActiveX Control	Typedown Single Line hierarchical	<a href="#">Typedown examples.</a> <a href="#">Single Line search examples.</a>

## 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 Names Additional Dataset. If your database contains names, and you have United Kingdom with Names (GBN) 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 from the Input pane 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 Batch Help or the Batch User Guide supplied with your product for more information on specifying input fields.

Batch API users need to specify the relevant [element codes](#) 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 GBN Names data, and the address elements Batch will expect for each. The field types can be configured from the Input pane during the Address Configuration stage 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 GBN 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 the GBN 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 **r1CountryInfo2**, and from the function **QABatchWV\_Clean** in the parameter **rsReturnCode** from the 21st to 28th characters. See the Batch manual 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 information about the best methods for searching on United Kingdom With Names using Batch Interactive please refer to the [Typedown search examples](#) and the [Single Line search examples](#).

## With NameTracer Pro

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