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# **Additional Data Guide**

**United Kingdom With Names**

**QAS Ltd.**

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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.



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*You must have the GBR Address Dataset installed to use the GBN Additional Dataset.*

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# GBN Names Additional Dataset

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Dataset Code:	GBN
FileNames:	gbrnam.ads, gbrnam.zlx, gbrnam.zlt (NameTracer Pro only)
Approximate Data Size:	340MB 670MB for NameTracer Pro
Data Source:	Experian's National Canvasse 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. For example, March data will expire in November of the same year.</p> <p>Ensure every data update is applied promptly, otherwise the data may expire and the product will become unusable.</p>

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Experian's National Canvasse is a comprehensive database of UK consumers consisting of a version of the full Electoral Register that contains only the names of those individuals who have not chosen to opt out of having their names and addresses published, data from Experian's Canvasse Lifestyle database, and significant data contributions from partner organisations. The National Canvasse can be used by any third party for any lawful purpose.

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 National Canvasse 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.

# About This Data

## Area Covered

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

Name of Dataset	England	Scotland	Wales	N. Ireland	Isle of Man	Channel Islands
GBN Names	√	√	√	√	√	

## Address Elements

The following address elements are specific to the GBN Names data files. For a full list of address elements, see the GBR Data Guide.

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

# About DataPlus Information

You can configure your QAS products to use any of the DataPlus sets that are available for GBR Address data and the GBN Names Additional Dataset. Please refer to the relevant section of the product documentation for information on how to configure QAS products to return DataPlus information.

Each DataPlus set (.dap) is divided into one or more items. QAS 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 GBN Names Additional Dataset.



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*In addition to these DataPlus sets, GBN 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.*

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## DataPlus Sets for GBN Names Data

The following DataPlus sets are available with GBN Names data:

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



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

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## 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 the National Canvase by Experian.

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 the National Canvase by Experian. The data is produced by matching new National Canvase data against the previous year's National Canvase. 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 the National Canvase. 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	SourceCode	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 GBR Names 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.
PAF Quality of Postcode	Postcode	6	Place level match - non-PAF premise and street information added.
		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.



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

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## With QuickAddress 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
<b>Locating Names information from an address picklist</b>	<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>
<b>Locating Names information at street level</b>	<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.</li> <li>3) Alternatively, you can type in the name of the resident you are looking for, to return matches with only that name.</li> <li>4) Click on the required resident, and press <b>Enter</b>.</li> <li>5) 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>94, eh64hs</b>, and press <b>Enter</b>.</li> <li>2) Select the resident's name from the picklist to return the full address.</li> </ol>

# With QuickAddress 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.

<b>Scenario</b>	<b>Search Engine</b>	<b>For search examples, see:</b>
Address Capture on the Intranet	Single Line hierarchical	Single Line search examples on page 10.
Single Line	Single Line hierarchical	Single Line search examples on page 10.
Standard	Typedown Single Line hierarchical	Typedown examples on page 9. Single Line search examples on page 10.
ActiveX Control	Typedown Single Line hierarchical	Typedown examples on page 9. Single Line search examples on page 10.

## With QuickAddress Batch



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

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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.

In Standalone, you can specify which fields contain name information on the Select Input Fields dialog of the Configuration Wizard. The input fields for names data are listed on page 13. See the Batch Help or the Batch User Guide supplied with your product for more information on specifying input fields.

API users need to specify the relevant element codes (see “Address Elements” on page 3) 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.

## 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 are available from the Set Field Type drop-down menu in the Select Input Fields dialog of the Batch Configuration Wizard.

Input Field Type	Expected Address Element
Title	Title
Forenames	Forenames
Surname	Surname

If your input field contains more than one address element, you can specify these from the **Multiple Elements** sub-menu. The dataset-specific input field types available from this menu for GBN data are:

Input Field Type	Expected Address Element
Title	Title
Forename	Forename
Middle Initial	Middle Initial

## Extended Dataset 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 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 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 *riCountryInfo2*, and from the function **QABatchWV\_Clean** in the parameter *rsReturnCode* from the 21st to 28th characters. See the QuickAddress 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 Typedown search examples on page 9 and Single Line search examples on page 10.

## **With Identifier NameTracer Pro**

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

