



healthcare:connected

EuroKing Stats Builder – User Support Document

Training Department

December 2019

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Introduction

Purpose

This is a support document designed to be used by those responsible for producing statistical reports from the EuroKing Maternity Information System. The software enables clinical and technical users to interrogate the EuroKing database, via a query structure similar to the Patient Care Pathways in order to analyse stored data in both questionnaires and tables. This guide covers the following functionality.

- Accessing and editing Saved Statistics
- Query Building
- Applying Filters to Selected Fields
- Manipulating the Results

Audience

This document is intended to be used by the EuroKing customers to assist them in producing statistical reports for performance monitoring and audit of maternity services.

1. System Overview

WHAT IS THE EUROKING STATS BUILDER?

The Euroking Stats Builder is a separate application outside of the EuroKing Maternity Information System (MIS). It enables clinical, administrative, and staff responsible for data collection to interrogate the EuroKing database.

KEY BENEFITS OF USING EUROKING

- Reducing paper moving towards a paper-lite solution.
- Ability to collect payment by results and compliance with the Maternity services dataset (MSDS).
- Registering the birth and obtaining an NHS number for babies born.
- Offline working in the community negating the need for an internet connection.
- Collection of maternity services audit data/ statistics.

USER ROLES IN EUROKING

Stats Builder is designed to be used by those responsible for producing statistical reports from the EuroKing Maternity Information System.

Midwives & Maternity Support Workers	Workflows for several different care pathways including antenatal, delivery and postnatal care with a place to record all aspects of a pregnancy and any past medical history.
Anaesthetists	Includes workflows to record pre-assessment, anaesthetic procedures and follow-ups, the recording of adverse incidents and any relevant documentation. All information can be cross referenced against other data held in the system to collate NOAD statistics. (National Obstetric Anaesthetic Database).
Obstetricians	The Doctors Procedures care pathway provides the ability to record Obstetric procedures.
Support Staff & Healthcare Managers	EuroKing can provide detailed statistical reports for both local and national review and planning of maternity services using the Stats and Lists and Stats Builder parts of the application. (There are separate support documents for EuroKing MIS and EuroKing System Administration.)

2. Log in

LAUNCHING THE APPLICATION

The Stats Builder application can be launched via the START MENU or DESKTOP shortcut as applicable:



Original Euroking Stats Generator application icon



Next generation Euroking application icon

LOGGING IN TO THE APPLICATION

Enter your EuroKing username (not case-sensitive) and password (case-sensitive).



The screenshot shows the 'E3 Statsbuilder Login' window. At the top, it features the EuroKing logo. Below the logo, there are three input fields: 'Username' with the placeholder text 'Username', 'Password' with masked characters '*****', and 'Database' with a dropdown menu currently showing 'TEST'. There are 'Login' and 'Cancel' buttons at the bottom right of the input area. At the bottom of the window, it states 'EuroKing is part of the wellbeing software group' and 'v1.0.4.20159 | Database: TEST'.

It is possible to run the Stats Builder application against any available EuroKing database. If there is a choice, they will be listed in the drop-down menu of the Login window.

Please note: Usernames and passwords for Stats Builder are not maintained within this application but within the main EuroKing application.

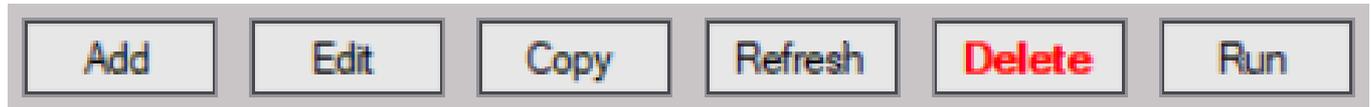
3. Viewing Saved Statistics

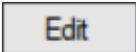
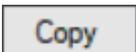
ACCESS SAVED STATISTICS

Once logged in, the initial screen displayed is the Saved Statistics tab. This screen displays all the statistical queries available to be used.

Name	Description	Last Run	Last Run by	Created By
Booking Query	Example for Training	15/03/2019 10:48:52	euroking	euroking
Birth List	Example for Training	08/03/2019 10:12:47	euroking	euroking
AN Contact	Example for training	15/01/2018 15:40:19	euroking	euroking
CO reading	CO reading at booking - Training Jenny	15/01/2018 15:39:29	euroking	euroking
AN Contact	+ Risks training Jenny	30/01/2019 11:16:06	xescotter	Jenny.Duffin
Training example for TGH	Alistair built this	27/02/2019 09:01:37	euroking	euroking
Birth Query Template	AR example	04/02/2019 13:28:56	xescotter	euroking
Instrumentals	AR example	22/01/2018 15:09:03	euroking	Alistair Richards
Mothers Age between 35 and 45	Simple Mothers age query	04/02/2019 13:14:29		xescotter

At the bottom of this screen are the following function buttons.



Function	Purpose
	Select this to add (create) a new query.
	Highlight an existing query from the list and click [Edit] to open the query for editing.
	Highlight an existing query from the list and click [Copy] to create a copy of the query.
	Refreshes the list of queries. If multiple users are editing queries this will refresh the list.
	Highlight an existing query from the list and click [Delete] to remove the query.
	Highlight an existing query from the list and click [Run] to execute the query.

FILTER THE SAVED STATISTICS LIST

- Click in the Filter row (the row with the Filter symbol ).
- Enter the word you want to look for in the Name column.
- Add a wild-card character (asterisk) to either end of the word. For example *training* will bring back all stats with the word 'training' in any part of their title.
- Sort by any of the four columns by clicking on the column header.

REMOVE A FILTER

- To remove a filter, click the [Remove]  button.

4. New Queries

EDIT A QUERY

- To edit an existing query, highlight the required query and click [Edit].

Name	Description	Last Run	Last Run by	Created By
Booking Query	Example for Training	02/07/2019 15:59:50	euroking	euroking
Birth List	Example for Training	27/02/2019 09:45:13	euroking	euroking
AN Contact	Example for training	02/07/2019 11:46:45	euroking	euroking
CO reading	CO reading at booking - Training Jenny	02/07/2019 11:46:24	euroking	euroking
AN Contact	+ Risks training Jenny	30/01/2019 11:16:06	xescotter	Jenny Duffin
Training example for TGH	Alistair built this	27/02/2019 09:01:37	euroking	euroking
Birth Query Template	AR example	04/02/2019 13:28:56	xescotter	euroking
Instrumentals	AR example	22/01/2018 15:09:03	euroking	Alistair Richards

CREATE A QUERY

- To create a new query click [Add]. This will open the Query Builder tab with blank fields.

On the left, in the Fields panel, is a list of templates that can be used to construct a query. The top sets of templates contain patient information about mother and baby. Templates further down contain clinical information about Pregnancy and Baby. Other templates contain all available questionnaire information.

Row Id	Tablename	Fieldname	Column Header	Where	Value	Suppress Nulls and Blanks	Expression	Default
1	Baby	BirthNNABDT	Baby Delivered	Between dbo.AsE3Date('01/01/2012 00:00:00','dd/mm/yyyy') and dbo.AsE3Date('01/01/2018 23:59:59','dd/mm/yyyy')		<input type="checkbox"/>		<input type="checkbox"/>
2	Baby	RegisterableBirthNNAB	Registerable Birth	= 'Yes'		<input type="checkbox"/>		<input type="checkbox"/>
3	Baby	Outcome	Outcome	= 'Livebirth'		<input type="checkbox"/>		<input type="checkbox"/>
4	BabyDetails	babygender	Baby Gender			<input type="checkbox"/>		<input type="checkbox"/>
5	BabyDetails	babysurname	Baby Surname			<input type="checkbox"/>		<input type="checkbox"/>
6	BabyDetails	babyhospitalnumber	Baby Hospital Number			<input type="checkbox"/>		<input type="checkbox"/>

- Click the + sign to see the list of fields from that folder (database table) which can be used to build a query.
- Click the tickbox to the left of an item to add it to the 'Selected Fields' panel.
- To select **all** the fields within a folder click the tickbox by the title. Warning - in some tables there are many items!
- You must enter a name for the query in the Statistics Details panel. The query cannot be saved without it. A warning will be displayed if you try to save without a name.
- A description is optional but can be useful for locating a query as the number of saved statistics increases.

Select individual items

Fields
<input type="checkbox"/> Father of Baby
<input type="checkbox"/> Mother Address
<input type="checkbox"/> Mother Core
<input type="checkbox"/> Mother Details
<input type="checkbox"/> CCG Code
<input type="checkbox"/> EMail
<input type="checkbox"/> Fax
<input checked="" type="checkbox"/> GP Address Line 1
<input checked="" type="checkbox"/> GP Address Line 2
<input type="checkbox"/> GP Address Line 3
<input checked="" type="checkbox"/> GP Address Line 4
<input type="checkbox"/> GP Description
<input type="checkbox"/> GP Forenames
<input checked="" type="checkbox"/> GP GMC Code

Select all items

<input checked="" type="checkbox"/> Mother Address
<input checked="" type="checkbox"/> Mother Address 1
<input checked="" type="checkbox"/> Mother Address 2
<input checked="" type="checkbox"/> Mother Address 3
<input checked="" type="checkbox"/> Mother Address 4
<input checked="" type="checkbox"/> Mother Age
<input checked="" type="checkbox"/> Mother Date of Birth
<input checked="" type="checkbox"/> Mother Ethnic Origin
<input checked="" type="checkbox"/> Mother Forenames
<input checked="" type="checkbox"/> Mother Hospital Number
<input checked="" type="checkbox"/> Mother NHS Number
<input checked="" type="checkbox"/> Mother Postcode
<input checked="" type="checkbox"/> Mother Surname

Enter a name for your query

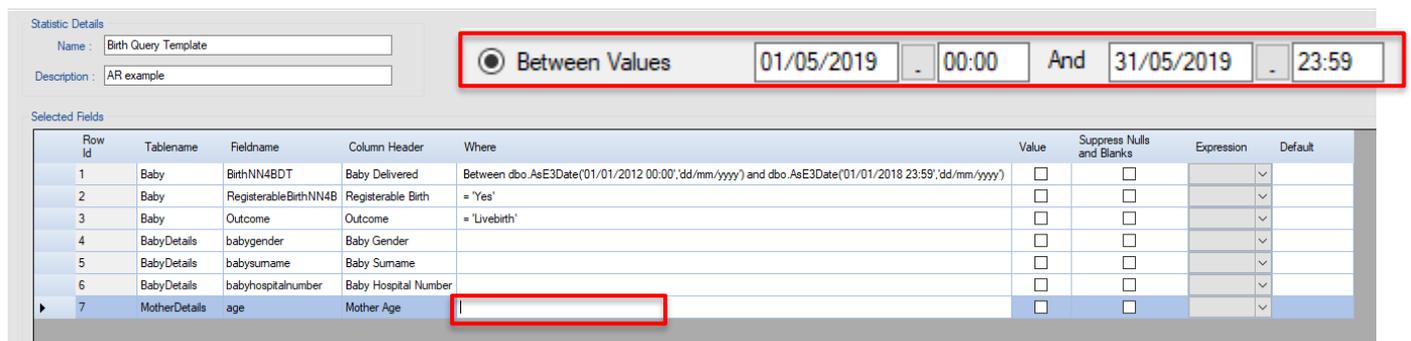
Statistic Details	
Name :	Birth Query Template
Description :	AR example

5. Filtering Queries

APPLY FILTERS TO A QUERY

Once the fields required for the query have been added to the list in the 'Selected Fields' panel then filters can be applied to those fields to provide more specific analysis of the data. For example, to add a filter to show mothers between the ages of 30 and 40 years:

- Click in the 'Where' column of the 'Mother Age' row. This will open a new window to apply the required criteria.
- Click to select the [Between Values] button.
- Enter 30 in the first box and 40 in the second box.
- If specific dates are required in a filter, select the 'Convert Value to Date' box. The filter criteria box will then change to allow for the selection of specific dates and times. The fields available become date pickers and time entry fields like those in the main EuroKing application.
- Click to select the [Between Values] button, then add dates and times.



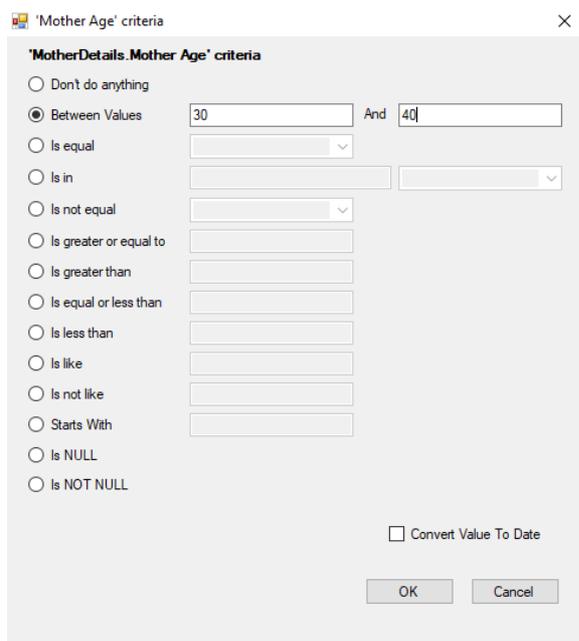
Statistic Details
Name: Birth Query Template
Description: AR example

Between Values 01/05/2019 00:00 And 31/05/2019 23:59

Row Id	Tablename	Fieldname	Column Header	Where	Value	Suppress Nulls and Blanks	Expression	Default
1	Baby	BirthNN4BDT	Baby Delivered	Between dbo.AsE3Date('01/01/2012 00:00':dd/mm/yyyy) and dbo.AsE3Date('01/01/2018 23:59':dd/mm/yyyy)	<input type="checkbox"/>	<input type="checkbox"/>		
2	Baby	RegisterableBirthNN4B	Registerable Birth	= 'Yes'	<input type="checkbox"/>	<input type="checkbox"/>		
3	Baby	Outcome	Outcome	= 'Livebirth'	<input type="checkbox"/>	<input type="checkbox"/>		
4	BabyDetails	babygender	Baby Gender		<input type="checkbox"/>	<input type="checkbox"/>		
5	BabyDetails	babysumame	Baby Sumame		<input type="checkbox"/>	<input type="checkbox"/>		
6	BabyDetails	babyhospitalnumber	Baby Hospital Number		<input type="checkbox"/>	<input type="checkbox"/>		
7	MotherDetails	age	Mother Age		<input type="checkbox"/>	<input type="checkbox"/>		

More than one filter can be applied in this way to a field. Only data that satisfies all the chosen criteria will be returned when the query is run.

Select individual items



'MotherDetails.Mother Age' criteria

Don't do anything

Between Values 30 And 40

Is equal

Is in

Is not equal

Is greater or equal to

Is greater than

Is equal or less than

Is less than

Is like

Is not like

Starts With

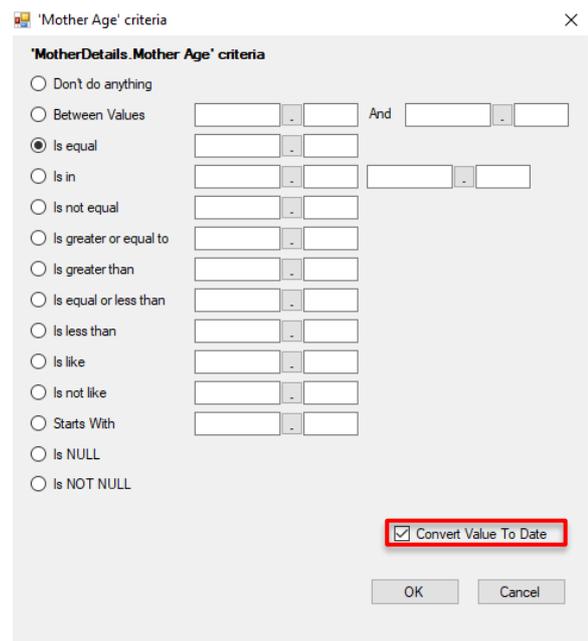
Is NULL

Is NOT NULL

Convert Value To Date

OK Cancel

Select all items



'MotherDetails.Mother Age' criteria

Don't do anything

Between Values

Is equal

Is in

Is not equal

Is greater or equal to

Is greater than

Is equal or less than

Is less than

Is like

Is not like

Starts With

Is NULL

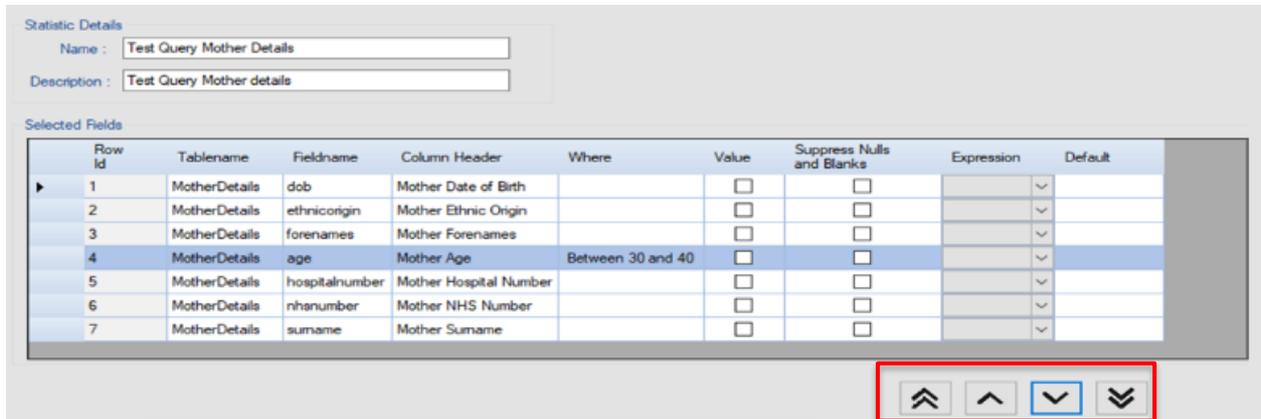
Is NOT NULL

Convert Value To Date

OK Cancel

ORDERING FIELDS IN A QUERY

There are arrow buttons at the bottom of the screen to change the position of a column in the query result. To change the position of a field, select the appropriate field in the list and then use the arrows to move it up or down in the list. The double arrows will move it either straight to the top of the list or straight to the bottom.

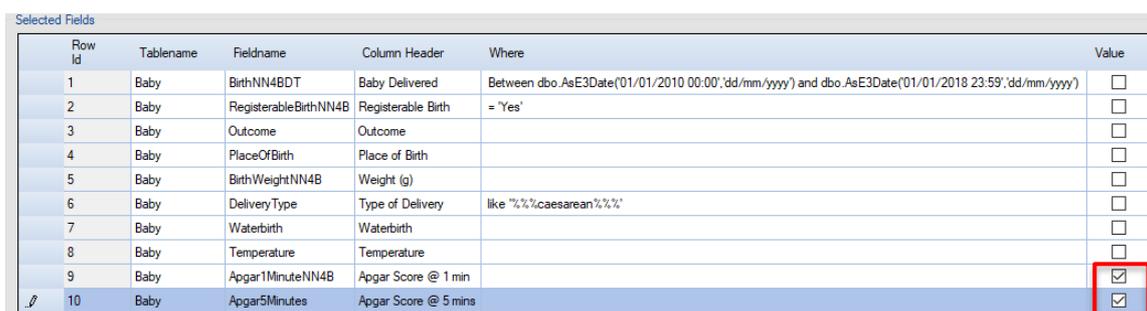


DISPLAYING RESULTS AS VALUES

Data in EuroKing can be stored as a combination of text and a numerical value in an answer. An example of this is the recording of Apgar scores. Query results are shown as a combination of text and numbers.

Copy of Birth List			
	Apgar Score @ 1 min	Apgar Score @ 5 mins	Gender
	2 Respirations regular;1 Colour trunk pink;2 Heart rate ...	2 Respirations regular;2 Colour all pink;2 Heart ra...	Female
			Male
	2 Respirations regular; 1 Colour trunk pink; 1 Heart rat...	2 Respirations regular; 1 Colour trunk pink; 2 He...	Female
	1 Respirations gasp; 0 Colour all blue; 1 Heart rate bel...	2 Respirations regular; 1 Colour trunk pink; 1 He...	Male
	1 Respirations gasp;1 Colour trunk pink;1 Heart rate b...	Not Known	Male
	2 Respirations regular; 1 Colour trunk pink; 2 Heart rat...	2 Respirations regular; 2 Colour all pink; 2 Heart r...	Female
	2 Respirations regular; 1 Colour trunk pink; 2 Heart rat...	2 Respirations regular; 1 Colour trunk pink; 2 He...	Female
	1 Respirations gasp; 1 Colour trunk pink; 1 Heart rate ...	2 Respirations regular; 1 Colour trunk pink; 2 He...	Female
	2 Respirations regular; 1 Colour trunk pink; 2 Heart rat...	2 Respirations regular; 1 Colour trunk pink; 2 He...	Female
	2 Respirations regular; 1 Colour trunk pink; 2 Heart rat...	2 Respirations regular; 1 Colour trunk pink; 2 He...	Female
	2 Respirations regular; 1 Colour trunk pink; 2 Heart rat...	2 Respirations regular; 1 Colour trunk pink; 2 He...	Female

The individual scores (0-2) for each of the five categories are saved against a patient record, but for the collecting of data it is more appropriate to use the total of these scores. The Stats Builder would normally display the text answer. To force Stats Builder to show the numerical values check the 'Value' checkbox in the relevant field.



The screenshot shows a table of 'Selected Fields' with columns: Row Id, Tablename, Fieldname, Column Header, Where, and Value. The 'Value' column contains checkboxes. The last two rows, 'Apgar1MinuteNN4B' and 'Apgar5Minutes', have their checkboxes checked, which is highlighted with a red box.

The Apgar scores are now displayed as numerical totals in each column.

Temperature	Apgar Score @ ...	Apgar Score @ ...	Gender
recorded	9	10	Female
			Male
recorded	6	9	Female
recorded	4	6	Male
	5		Male
recorded	9	10	Female
recorded	9	9	Female
recorded	5	7	Female
8	9	9	Female
recorded	9	9	Female
8	8	9	Female

SUPPRESSING NULLS AND BLANKS

It is sometimes necessary to only display results that contain a value, and not a blank or a 'No' answer. To do this there is a checkbox next to the selected field to exclude or suppress Null and Blank values. In this example the result would show only cases where Shoulder Dystocia was recorded.

Row Id	Tablename	Fieldname	Column Header	Where	Value	Suppress Nulls and Blanks
1	Baby	ShoulderDystocia	Shoulder Dystocia		<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Baby	Outcome	Outcome		<input type="checkbox"/>	<input type="checkbox"/>
3	Baby	PlaceOfBirth	Place of Birth		<input type="checkbox"/>	<input type="checkbox"/>

CONVERTING DISPLAY VALUES WITH AN EXPRESSION

There are two options available from the drop-down list in the Expression column:

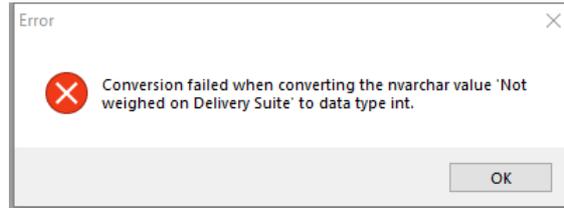
- IsDate** will convert dates into a date format so they can be sorted appropriately in the query results.
- IsNumber** will convert text to a number.

Row Id	Tablename	Fieldname	Column Header	Where	Value	Suppress Nulls and Blanks	Expression
1	Baby	ShoulderDystocia	Shoulder Dystocia		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2	Baby	Outcome	Outcome		<input type="checkbox"/>	<input type="checkbox"/>	
3	Baby	PlaceOfBirth	Place of Birth		<input type="checkbox"/>	<input type="checkbox"/>	
4	Baby	BirthWeightNN4B	Weight (g)		<input type="checkbox"/>	<input type="checkbox"/>	IsNumber
5	Baby	DeliveryType	Type of Delivery	like "%:caesarean%:"	<input type="checkbox"/>	<input type="checkbox"/>	IsDate
6	Baby	Waterbirth	Waterbirth		<input type="checkbox"/>	<input type="checkbox"/>	IsNumber
7	Baby	Temperature	Temperature		<input type="checkbox"/>	<input type="checkbox"/>	

For example, to get a list of all babies born above a certain weight a filter can be added as shown to the Birth Weight field as shown here.

2	Baby	Outcome	Outcome		<input type="checkbox"/>	<input type="checkbox"/>	
3	Baby	PlaceOfBirth	Place of Birth		<input type="checkbox"/>	<input type="checkbox"/>	
4	Baby	BirthWeightNN4B	Weight (g)	> 3500	<input type="checkbox"/>	<input type="checkbox"/>	

This query will not run because Stats Builder cannot process Birth Weight responses that contain text such as 'Not weighed on delivery suite'. It will display this message if you try to run the query:



It is necessary to ignore all instances where the answer was recorded as 'Not weighed on delivery suite' by adding the IsNumber expression to that field. This will allow the query to run and only babies weighing over 3500g will be displayed.

3	Baby	PlaceOfBirth	Place of Birth			<input type="checkbox"/>	<input type="checkbox"/>	
4	Baby	BirthWeightNN4B	Weight (g)	> 3500		<input type="checkbox"/>	<input type="checkbox"/>	IsNumber
5	Baby	DeliveryType	Type of Delivery	like '%"caesarean%'		<input type="checkbox"/>	<input type="checkbox"/>	

Shoulder Dystocia	Outcome	Place of Birth	Weight (g)	Ty
Yes	Livebirth	Unplanned home...	4000	Fc
No	Livebirth	Delivery Suite	3780	Sq
No	Livebirth	Antenatal ward	4500	Er
No	Livebirth	Delivery Suite	3800	Br
None	Livebirth	Delivery Suite	3733	Sq
None	Livebirth	Not known	4500	Br
No	Livebirth	Antenatal ward	4040	Br
No	Livebirth	Midwifery Led Unit	3600	Br
No	Early neonatal d...	Delivery Suite	5000	Sq
No	Livebirth	Delivery Suite	3600	Sq
No	Livebirth	Antenatal ward	4040	Fc
Yes	Stillbirth	Delivery Suite	3560	Sq
No	Livebirth	Antenatal ward	3600	Sq
No	Livebirth	Delivery Suite	4200	Sq
No	Livebirth	Antenatal ward	4000	Sq
No	Livebirth	Delivery Suite	4040	Sq
No	Livebirth	Antenatal ward	4040	Br
No	Livebirth	Delivery Suite	3600	Er

DEFAULT VALUE

The default value is what will be displayed in the results if no value is available from the questionnaire. For example, if Symphysis Fundal Height has not been recorded in a patient's record a blank field will be displayed. This can be replaced by a set text entered in the Default Value column of Selected Fields.

Row Id	Tablename	Fieldname	Column Header	Where	Value	Suppress Nulls and Blanks	Expression	Default
1	PregnancyContact	SymphysisPubisFundalHeight	Symphysis Fundal Height		<input type="checkbox"/>	<input type="checkbox"/>		Not Recorded
2	Baby	ShoulderDystocia	Shoulder Dystocia		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3	Baby	Outcome	Outcome		<input type="checkbox"/>	<input type="checkbox"/>		

Date and Time o...	Date Booked	Symphysis Fund...
Referral		Not Recorded
11/07/2008 09:00		Not Recorded
30/06/2008 17:22		Not Recorded
01/07/2008 15:35		Not Recorded
01/07/2008 19:28		Not Recorded
04/07/2008 10:00		Not Recorded
07/07/2008 15:12		Not Recorded
07/07/2008 16:35		Not Recorded
08/07/2008 10:27		Not Recorded
16/04/2008 10:00		Not Recorded
08/07/2008 15:59		Not Recorded
08/07/2008 17:01		Not Recorded
09/07/2008 09:16		Not Recorded
09/07/2008 10:43		Not Recorded

SAVING A QUERY

A query can be saved at any time by clicking on the Save button on the Query Builder screen or the Results screen. It must have a title; the description is optional.

REMOVING FIELDS FROM A QUERY

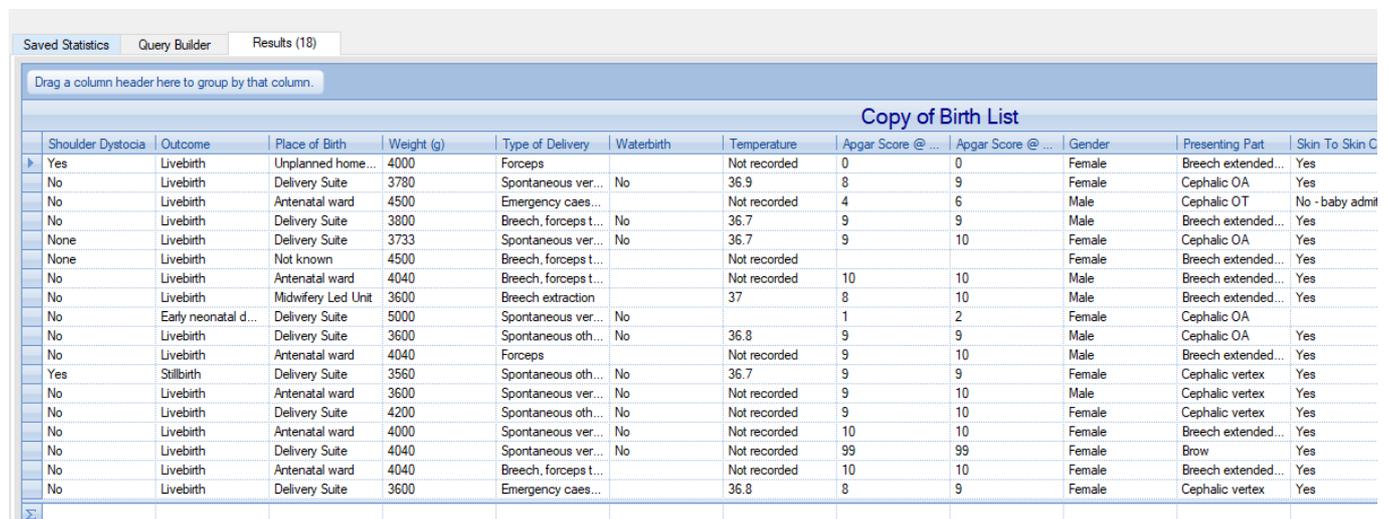
There are three ways to remove a field from the Selected Fields list:

1. Uncheck the relevant checkbox on the Fields list on the left.
2. Highlight the field to be removed from the Selected Fields list and press the Delete key on the keyboard. A confirmation window will be displayed.
3. Right-click the field and select Delete Field.

6. Formatting Results

RESULTS TAB

From the Query Builder tab clicking the [Run] button will execute the query. The resulting report will be displayed on the Results tab.



Copy of Birth List											
Shoulder Dystocia	Outcome	Place of Birth	Weight (g)	Type of Delivery	Waterbirth	Temperature	Apgar Score @ ...	Apgar Score @ ...	Gender	Presenting Part	Skin To Skin C
Yes	Livebirth	Unplanned home...	4000	Forceps		Not recorded	0	0	Female	Breech extended...	Yes
No	Livebirth	Delivery Suite	3780	Spontaneous ver...	No	36.9	8	9	Female	Cephalic OA	Yes
No	Livebirth	Antenatal ward	4500	Emergency caes...		Not recorded	4	6	Male	Cephalic OT	No - baby admit
No	Livebirth	Delivery Suite	3800	Breech, forceps t...	No	36.7	9	9	Male	Breech extended...	Yes
None	Livebirth	Delivery Suite	3733	Spontaneous ver...	No	36.7	9	10	Female	Cephalic OA	Yes
None	Livebirth	Not known	4500	Breech, forceps t...		Not recorded			Female	Breech extended...	Yes
No	Livebirth	Antenatal ward	4040	Breech, forceps t...		Not recorded	10	10	Male	Breech extended...	Yes
No	Livebirth	Midwifery Led Unit	3600	Breech extraction		37	8	10	Male	Breech extended...	Yes
No	Early neonatal d...	Delivery Suite	5000	Spontaneous ver...	No		1	2	Female	Cephalic OA	
No	Livebirth	Delivery Suite	3600	Spontaneous oth...	No	36.8	9	9	Male	Cephalic OA	Yes
No	Livebirth	Antenatal ward	4040	Forceps		Not recorded	9	10	Male	Breech extended...	Yes
Yes	Stillbirth	Delivery Suite	3560	Spontaneous oth...	No	36.7	9	9	Female	Cephalic vertex	Yes
No	Livebirth	Antenatal ward	3600	Spontaneous ver...	No	Not recorded	9	10	Male	Cephalic vertex	Yes
No	Livebirth	Delivery Suite	4200	Spontaneous oth...	No	Not recorded	9	10	Female	Cephalic vertex	Yes
No	Livebirth	Antenatal ward	4000	Spontaneous ver...	No	Not recorded	10	10	Female	Breech extended...	Yes
No	Livebirth	Delivery Suite	4040	Spontaneous ver...	No	Not recorded	99	99	Female	Brow	Yes
No	Livebirth	Antenatal ward	4040	Breech, forceps t...		Not recorded	10	10	Female	Breech extended...	Yes
No	Livebirth	Delivery Suite	3600	Emergency caes...		36.8	8	9	Female	Cephalic vertex	Yes

The Results list can be re-formatted as follows:

- Columns can be resized by dragging the relevant column header's right-hand separator character.
- A column can be dragged by the header and dropped into a new position.
- Change the column title that appears in the header by clicking in the column header and changing the text.
- The entire list can be sorted by clicking on the column header - once for ascending and again for descending.

GROUPING THE RESULTS LIST

In order to analyse data more effectively it can prove useful to organise the data in groups. For clinical data in EuroKing this means showing data in order of questions that have been answered.

For example, when analysing a Delivery List when the point of interest is Caesarean Section deliveries it would be easier to have all the Caesarean Section deliveries in one group to examine further. This data needs to be ordered by Type of Delivery. Emergency Caesarean Section and Elective Caesarean Section are examples of Type of Delivery answers for this question.

- To group results by a particular field, left-click on the column header and drag it into the “Drag a column header here to group by that column” area at the top left of the Results tab.

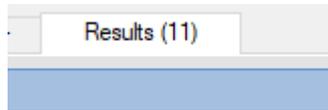
Baby Delivered	Registerable Birth	Outcome	Place of Birth	Weight (g)	Type of Delivery	Waterbirth	Temperature	Apgar Score @ 1 min	Apgar Score @ 5 min
31/01/2010 09:15	Yes	Livebirth	Delivery Suite	3500	Elective caesarean section		Not recorded	9	10
17/03/2010 09:00	Yes	Stillbirth	Delivery Suite	0	Emergency caesarean section				
06/10/2010 19:58	Yes	Livebirth	Delivery Suite	3500	Emergency caesarean section		Not recorded	6	9
30/09/2010 10:30	Yes	Livebirth	Antenatal ward	4500	Emergency caesarean section		Not recorded	4	6
23/06/2010 09:27	Yes	Livebirth	Delivery Suite	2111	Emergency caesarean section			5	
16/02/2014 15:...	Yes	Livebirth	Delivery Suite	3400	Emergency caesarean section		Not recorded	9	10
18/03/2015 00:...	Yes	Livebirth	Delivery Suite	3000	Emergency caesarean section		Not recorded	9	9
11/11/2016 14:27	Yes	Livebirth	Homebirth planned	0	Emergency caesarean section		Not recorded	5	7
22/12/2014 09:...	Yes	Livebirth	Homebirth planned	3233	Emergency caesarean section		36.8	9	9
29/07/2016 11:...	Yes	Livebirth	Delivery Suite	2677	Emergency caesarean section		Not recorded	9	9
06/01/2016 17:...	Yes	Livebirth	Delivery Suite	3600	Emergency caesarean section		36.8		8

This will group this data by Type of Delivery, in this case first by Elective Caesarean Section and then by Emergency Caesarean Section. Groups will initially be displayed collapsed but can be expanded by clicking on the + button on the left.

Baby Delivered	Registerable Birth	Outcome	Place of Birth	Weight (g)	Type of Delivery	Waterbirth	Temperature	Apgar Score @ 1 min	Apgar Score @ 5 min
Type of Delivery: Elective caesarean section									
31/01/2010 09:15	Yes	Livebirth	Delivery Suite	3500	Elective caesarean section		Not recorded	9	10
Type of Delivery: Emergency caesarean section									
17/03/2010 09:00	Yes	Stillbirth	Delivery Suite	0	Emergency caesarean section				
06/10/2010 19:58	Yes	Livebirth	Delivery Suite	3500	Emergency caesarean section		Not recorded	6	9
30/09/2010 10:30	Yes	Livebirth	Antenatal ward	4500	Emergency caesarean section		Not recorded	4	6
23/06/2010 09:27	Yes	Livebirth	Delivery Suite	2111	Emergency caesarean section			5	
16/02/2014 15:...	Yes	Livebirth	Delivery Suite	3400	Emergency caesarean section		Not recorded	9	10
18/03/2015 00:...	Yes	Livebirth	Delivery Suite	3000	Emergency caesarean section		Not recorded	9	9
11/11/2016 14:27	Yes	Livebirth	Homebirth planned	0	Emergency caesarean section		Not recorded	5	7
22/12/2014 09:...	Yes	Livebirth	Homebirth planned	3233	Emergency caesarean section		36.8	9	9
29/07/2016 11:...	Yes	Livebirth	Delivery Suite	2677	Emergency caesarean section		Not recorded	9	9

AGGREGATING THE RESULTS LIST

When the Results list is first displayed there is only one aggregate count shown (in brackets after the word “Results” on the Results tab).



In order to make the data more meaningful you can also show a count for any groups of data. Right-clicking a column header will allow you to apply the following functions to that column – for each group/sub-group and overall for the column: Sum, Count, Average, Minimum, Maximum, and Value Count (the number of rows with non-blank values).

Please note: Any Grouping or Aggregate changes made to the formatting in the Results screen will be lost if the query is modified in the Query Builder screen.

EXPANDING/COLLAPSING THE RESULTS LIST

The Expand All and Collapse All buttons will be activated when any grouping is applied. Clicking on them will expand or collapse all groups.

SAVING THE FORMATTING OF THE RESULTS LIST

Clicking on the Save button on the Results tab will save all the formatting associated with these query results in addition to the Query Builder details.

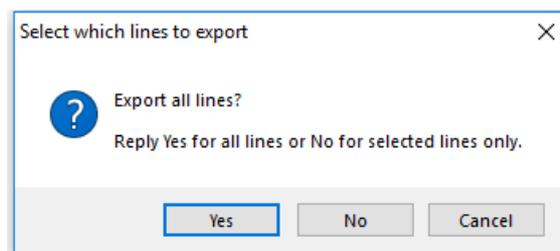
EXPORTING RESULTS TO EXCEL

If only **some** lines from the Results list are needed:

- Click to select those lines.
- Click the [Export to Excel] button on the Results screen.
- Click [No].

To export **all** lines:

- Click the [Export to Excel] button on the Results screen.
- Click [Yes].



A window will then pop up for you to choose a location to save the Excel file.

Document Control

Title	EuroKing Stats Builder User Support Document		
Owner	Wellbeing Training Manager	Date Created	12/07/2019
File Ref.	EK_CRIB_CM_702_EuroKing_Stats_Builder_Documentation_WS_V1.0.docx		
EK Version	1.7		
Change History			
Issue	Date	Author / Editor	Details of Change
D1.0	13/07/2019	Elaine Scotter	First Draft Issue
D2.0	26/11/2019	Emma Brown	Formatting, minor edits.
V1.0	10/12/2019	Emma Savage-Mady	Review and publish
Review Date	10/12/2021		