



Dental Services

NHS Dental Services

E Reporting Good Practice Guide

Building Reports: Using an alerter and ranking

Supporting the NHS, supplying the NHS, protecting the NHS

NHS Dental Services is a service provided by the NHS Business Services Authority



Adding an Alerter

In E-reporting it is possible to add an alerter or to rank data. As an example a simple report will be created based on the variable previously created % of FP17s where patients were children

Alerters  enable low or high results to be highlighted by specifying formatting that makes those results stand out on reports.

Ranking  enables only the top and/or bottom number or percentage of records to be shown, for example the top 5 contacts in terms of the number of FP17s



Adding an Alerter

Open the previously created report Child FP17s, if not saved the follow the steps shown in creating a variable to produce the table below

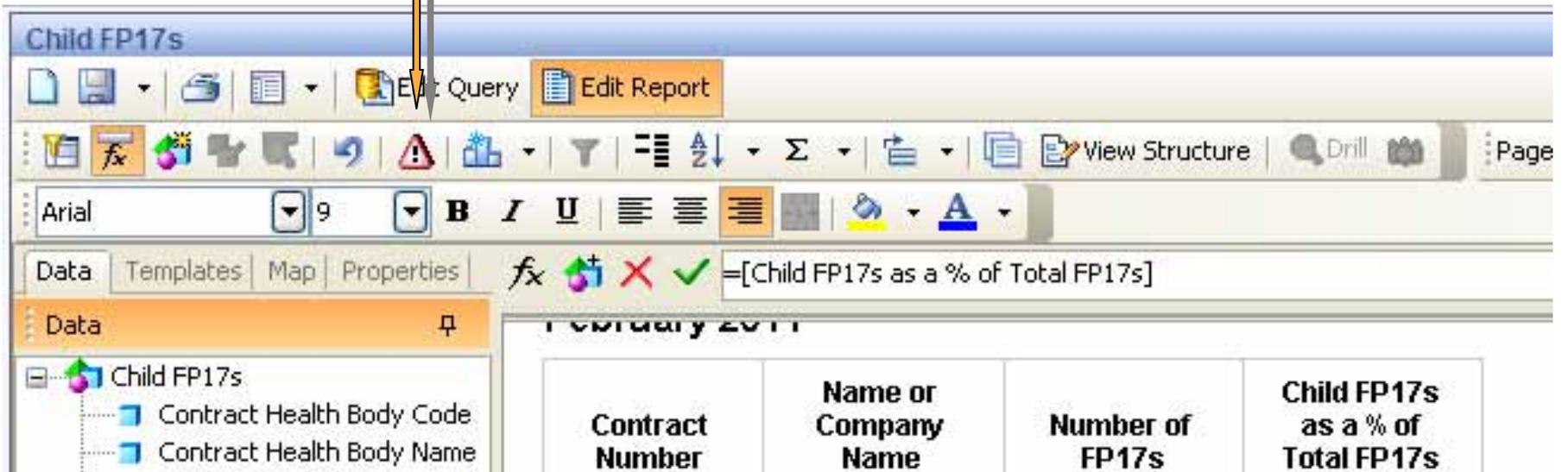
Contract Number	Name or Company Name	Number of FP17s	Child FP17s as a % of Total FP17s
X000000/0001	Anon Name	170,669	29.09%
X000000/0002	Anon Name	15,003	26.69%
X000000/0003	Anon Name	5,716	20.89%
X000000/0004	Anon Name	102	95.10%
X000000/0006	Anon Name	12,753	18.96%
X000000/0012	Anon Name	15,334	16.58%
X000000/0015	Anon Name	106	7.55%
X000000/0019	Anon Name	293	73.38%

Ensure that the variable Child FP17s as a % of Total FP17s has been added to the table, then highlight this data



Adding an Alerter

Click on the Alerters button 



The screenshot shows a software interface for 'Child FP17s'. The toolbar contains various icons, including a warning icon (a triangle with an exclamation mark) which is highlighted by an orange box and a yellow arrow. The interface also shows a menu bar with 'Data', 'Templates', 'Map', and 'Properties'. Below the menu bar, there is a 'Data' section with a tree view showing 'Child FP17s' and its sub-items: 'Contract Health Body Code' and 'Contract Health Body Name'. The main area displays a table with the following columns: 'Contract Number', 'Name or Company Name', 'Number of FP17s', and 'Child FP17s as a % of Total FP17s'. The table is currently empty, with only the column headers visible. The text 'February 2011' is partially visible above the table.

Contract Number	Name or Company Name	Number of FP17s	Child FP17s as a % of Total FP17s
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Adding an Alerter

Alerters [Close]

Create, edit, delete, activate or deactivate alerters.



Available Alerters

[No value]

▲ ▼

Click on new

↓

New Edit Duplicate Remove

This is where the conditions for the alerter are defined, to highlight certain results.

In this example an alerter will be created for contracts with over 50% of their FP17s made up of Child Patients



Adding an Alerter

Type in a name for the alerter, for example “Over 50% Child FP17s”

Alerter Editor

Alerter name: Over 50% Child FP17s

Description:

Sub-Alerter

Filtered object or cell	Operator	Operand(s)
s a % of Total FP17s	Greater than	0.5

Select an object or variable
Cell contents

Format ...

Add Sub-Alerter Remove Sub-Alerter Formula

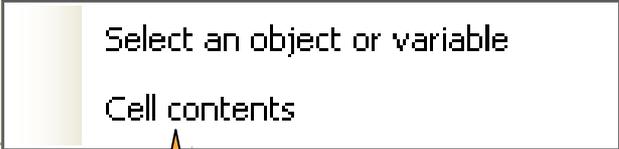
OK Cancel Help



Adding an Alerter

Click on  Under Sub Alerter, this is where the condition is defined

Sub-Alerter

Filtered object or cell	Operator	Operand(s)
<input type="text" value="s a % of Total FP17s"/> 	<input type="text" value="Greater than"/> 	<input type="text" value="0.5"/>  
		<input type="text" value="Cell contents"/> 

Choose the cell contents (the highlighted column in the table) or use a variable or object.

Adding an Alerter

Objects and Variables

Available Objects and Variables

- [-] Child FP17s
 - Contract Health Body Code
 - Contract Health Body Name
 - Contract Number
 - Name or Company Name
 - Patient Adult or Child
 - Schedule Month (YYYYMM)
 - Child FP17s
 - Child FP17s as a % of Total FP17s
 - Date Range from Prompts
 - Number of FP17s

If a variable or object has been chosen to be used, then a list of those available will appear

Select Child FP17s as a % of Total FP17s



Adding an Alerter

Alerter Editor

Now need to choose the operator, in this example greater than

Sub-Alerter

Filtered object or cell	Operator	Operand(s)
Is a % of Total FP17s	Greater than	0.5

If the alert is triggered, the cell contents will be highlighted.

Enter the value we want to highlight if greater than. In this example 0.5 to represent 50%

Buttons: Add Sub-Alerter, Remove, Format ...

Adding an Alerter

The screenshot shows the 'Alerter Editor' window. At the top, there is a warning icon and a text box for 'Alerter name:' containing 'Over 50% Child FP17s'. Below it is a larger text box for 'Description:'. The main section is titled 'Sub-Alerter' and contains a table with three columns: 'Filtered object or cell', 'Operator', and 'Operand(s)'. The first row has 's a % of Total FP17s' in the first column, 'Greater than' in the second, and '0.5' in the third. Below the table, there is a text box for 'If the above is true, then display:' containing 'Cell contents', and a 'Format ...' button. At the bottom, there are 'Add Sub-Alerter' and 'Remove Sub-Alerter' buttons, and a 'Formula' checkbox.

Filtered object or cell	Operator	Operand(s)
s a % of Total FP17s	Greater than	0.5

If the above is true, then display: Cell contents

Format ...

Add Sub-Alerter Remove Sub-Alerter

Formula

Define how those values over 50% will be shown. The default setting is red but this can be changed, the cell can be shaded or text used by clicking on Format

Adding an Alerter

The image shows a screenshot of the 'Alerter Display' dialog box with several annotations. The dialog box has a blue title bar with the text 'Alerter Display' and a close button. It is divided into several sections: 'Display', 'Text', 'Background', and 'Border'. The 'Display' section has a text input field with a green checkmark and a 'Number format' dropdown set to 'Default'. The 'Text' section has 'Font' (default, Regular, Auto), 'Color' (red), 'Horizontal' (Default), and 'Vertical' (Default) settings. The 'Background' section has 'Color' (Default), 'Image (URL)' selected, and 'Skin' unselected. The 'Border' section has 'Apply to all sides' checked and two 'Default' dropdowns. Annotations include: an orange box pointing to the text input field with the text 'Add text , for example “Over 50%”, which will replace the value'; an orange box pointing to the 'Color' dropdown with the text 'Change the font'; and an orange box pointing to the 'Background' dropdowns with the text 'Change the background'. There are also navigation icons at the bottom right.

Alerter Display

Display

fx ✓ ← Add text , for example “Over 50%”, which will replace the value

Number format: Read only

Text

Font:

Underline

Strikethrough

Color: ← Change the font

Horizontal:

Vertical:

Background

Color:

Image (URL) Skin

URL:

Display:

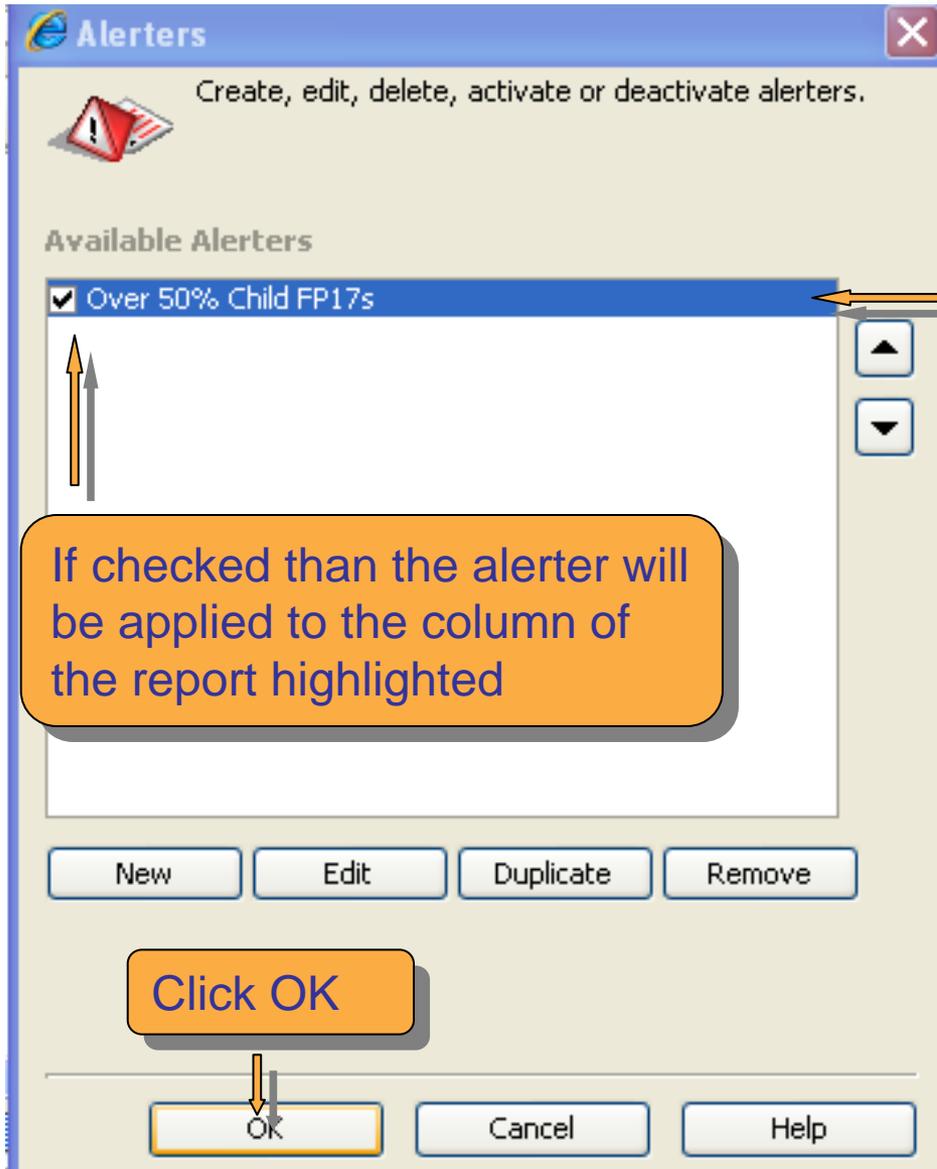
Position:

Border

Apply to all sides

← Change the background

Adding an Alerter



When happy with the alerter press ok and the name of the created alerter will appear in the list of available alerters

If checked than the alerter will be applied to the column of the report highlighted

Click OK



Adding an Alerter

Contract Number	Name or Company Name	Number of FP17s	Child FP17s as a % of Total FP17s
XXXXXXXX/0001	Anon Name	170,669	29.09%
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XXXXXXXX/0003	Anon Name	5,716	20.89%
XXXXXXXX/0004	Anon Name	102	95.10%
XXXXXXXX/0006	Anon Name	12,753	18.96%
XXXXXXXX/0012	Anon Name	15,334	16.58%
XXXXXXXX/0015	Anon Name	106	7.55%
XXXXXXXX/0019	Anon Name	293	73.38%

The data in the column is now highlighted in red font if over 50% of FP17s are for Child Patients

An alerter can be applied to any column by highlighting the data and clicking on the alerters button  then checking the alerter name so it applies to that column, for example highlighting in red font the contract number where over 50% of FP17s are for Child Patients



Ranking Data

Click on the Apply/Remove ranking button

Highlight the column Number of FP17s

Contract Number	Name or Company Name	Number of FP17s	Child FP17s as a % of Total FP17s
XXXXXXXX0001	Anon Name	170,669	29.09%
XXXXXXXX0002	Anon Name	15,003	26.69%
XXXXXXXX0003	Anon Name	5,716	20.89%
XXXXXXXX0004	Anon Name	102	95.10%
XXXXXXXX0006	Anon Name	12,753	18.96%
XXXXXXXX0012	Anon Name	15,334	16.58%
XXXXXXXX0015	Anon Name	106	7.55%

Ranking Data

Rank

You can display the top/bottom values for the section/block based on the measure you select

Ranking properties

Top

Bottom

Based on For each

Calculation mode (Keep the top/bottom n values)

OK Cancel Help

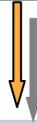
Can choose either top, bottom or top and bottom and the number of rows to be shown: i.e. top 5, Top 10 etc

Can choose what the ranking is based on and whether it is by a count (e.g. Top 5 contracts) or percent (Top 5%)



Ranking Data

The table now only shows the Top 3 contracts in terms of the number of FP17s



Contract Number	Name or Company Name	Number of FP17s	Child FP17s as a % of Total FP17s
XXXXXXXX/0001	Anon Name	170,669	29.09%
XXXXXXXX/0012	Anon Name	15,334	16.58%
XXXXXXXX/0002	Anon Name	15,003	26.69%

To remove or edit a ranking click on the Apply/Remove ranking button 

