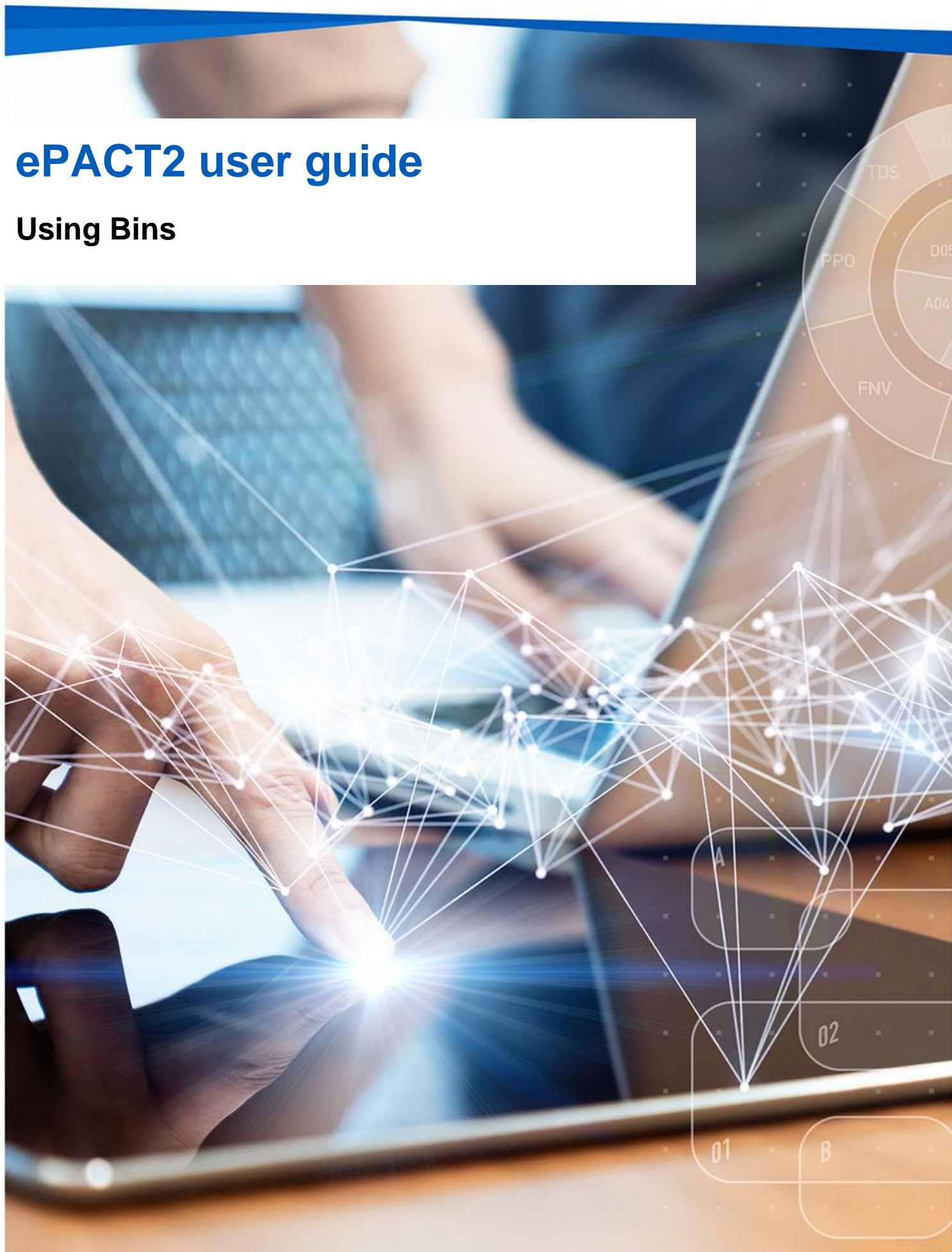


# ePACT2 user guide

## Using Bins



## **Interactive Contents**

**Use this interactive contents list to jump straight to the content you want to see. Just click the titles below to go directly to that section:**

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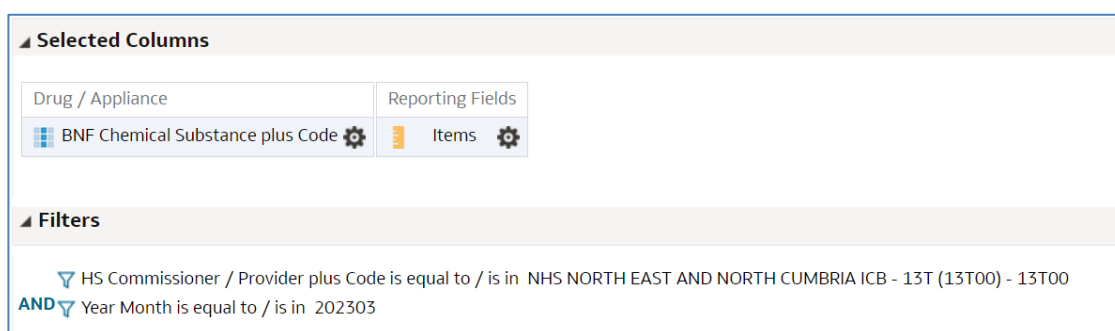
## Using Bins

Binning a measure creates a new column based on the value of that measure; this means you are able to create groups of specific measures within a column.

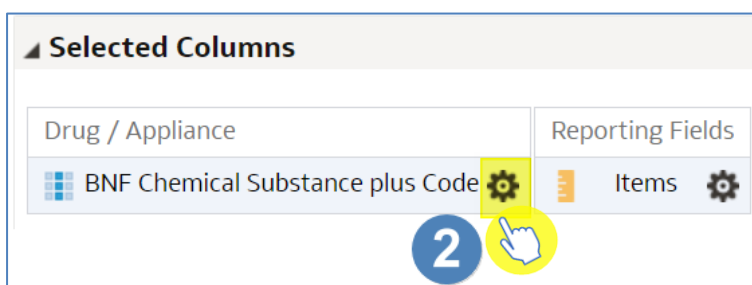
It is possible to create bins on most columns such as for groups of practices, groups of presentations, groups of months, etc.

In this example we are going to create a report with bins for groups of chemical substances.

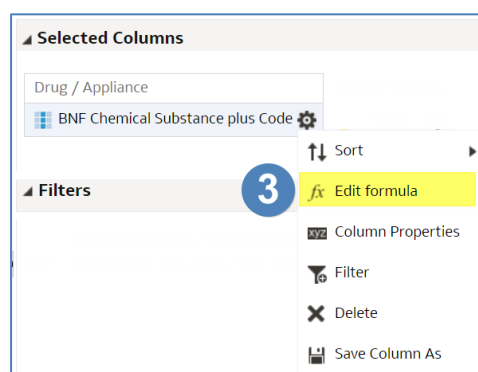
1. Create your analysis and include the columns you want to return data for. In this example, we are returning data for March 2023, NHS North East and North Cumbria ICB and we are returning the number of items for chemical substances.



2. Select the cog icon for the column you want to add 'Bins' to.



3. Select 'Edit formula'.



## 4. Select 'Bins'.

**Edit Column Formula**

Column Formula **Bins** 4

Folder Heading Drug / Appliance

Column Heading BNF Chemical Substance plus

Custom Headings

Contains HTML/JavaScript/CSS Markup

Aggregation Rule (Totals Row) Default (None)

Available

Subject Areas

▲ ePACT 2

▶ Time Period

Column Formula

"Drug / Appliance"."BNF Chemical Substance plus Code"]

## 5. Select 'Add Bin'.

**Edit Column Formula** ? X

Column Formula **Bins**

Add Bin 5

OK Cancel

## 6. Select the magnifying glass icon to search for the values you want to include in your bin.

**New Filter** ? X

Column BNF Chemical Substance plus t

Operator is equal to / is in 6

Value

Select by BNF Chemical Substance Code

Filter by BNF Chemical Substance Code

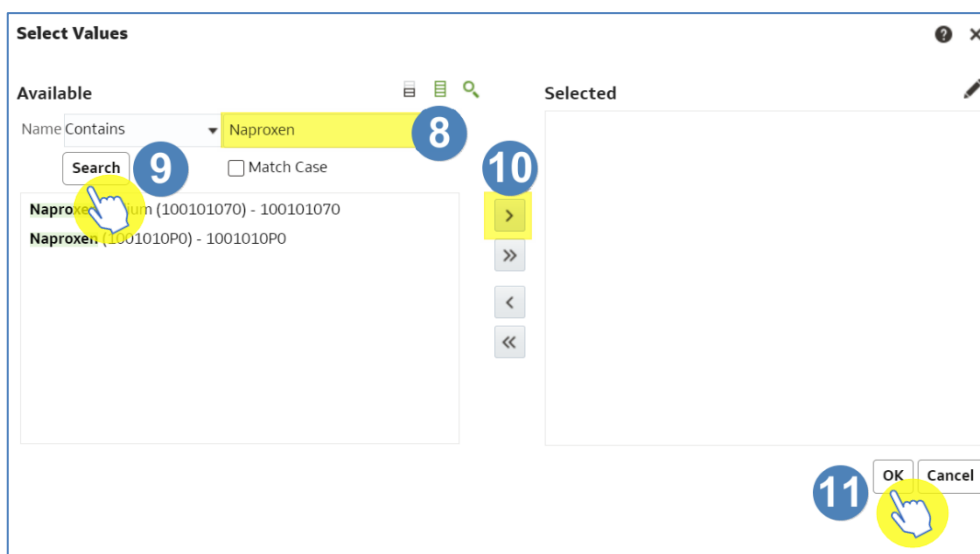
Add More Options Clear All

Protect Filter

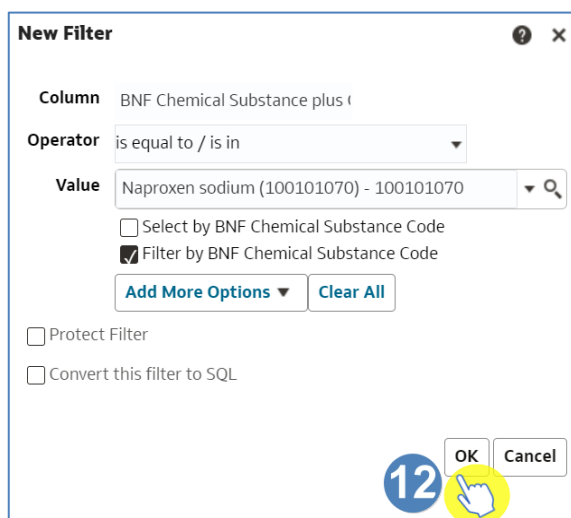
Convert this filter to SQL

OK Cancel

7. Search for your values using the search box. In this example, we are going to create a bin for all Naproxen chemical substances.
8. Type the name of the item in the search box.
9. Select 'Search'.
10. Use the single arrow to move items into selected.
11. Select 'OK'.

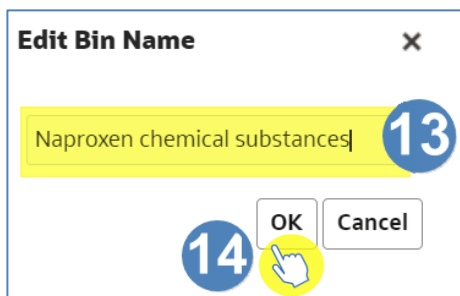


12. Select 'OK'.

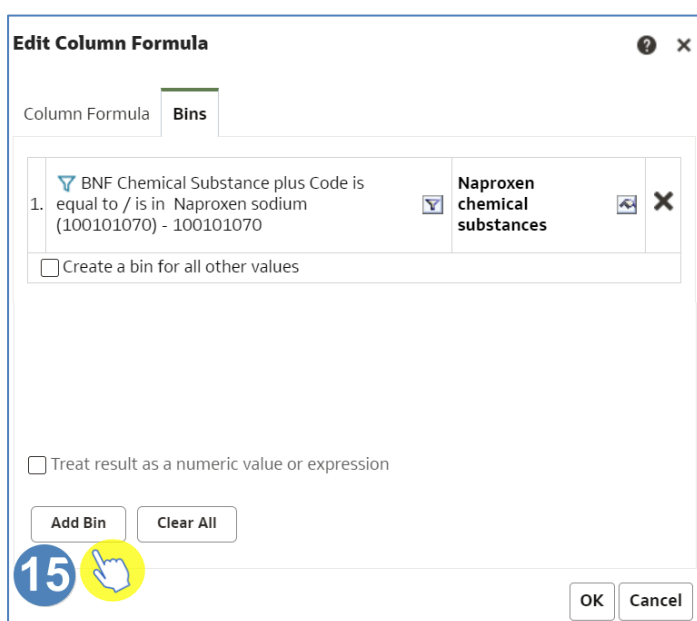


13. Give the bin an appropriate name.

14. Select 'OK'.



15. To add additional bins to the column select 'Add Bin' again.



16. Follow the same process to create multiple bins.



If you do not create a bin for all other values, your data will return with a line for all other chemical values in the column.

17. Once you have created all the bins you want to include in the column, select 'Create a bin for all other values'.

**Edit Column Formula**

Column Formula **Bins**

1.	<input checked="" type="checkbox"/> BNF Chemical Substance plus Code is equal to / is in Naproxen sodium (100101070) - 100101070	<input checked="" type="checkbox"/> Naproxen chemical substances	<input type="checkbox"/> <input type="checkbox"/>
2.	<input checked="" type="checkbox"/> BNF Chemical Substance plus Code is equal to / is in Paracetamol and ibuprofen (0407010AD) - 0407010AD	<input checked="" type="checkbox"/> Ibuprofen chemical substances	<input type="checkbox"/> <input type="checkbox"/>
	<input type="checkbox"/> Create a bin for all other values		

Treat result as a numeric value or expression

18. Give an appropriate name.

19. Select 'OK'.

**Edit Bin Name**

Others

20. Select 'OK'.

**Edit Column Formula**

Column Formula **Bins**

3.	All other values	Others	<input type="checkbox"/> <input type="checkbox"/>
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Treat result as a numeric value or expression

21. Select 'Results' to run your analysis.

The screenshot shows the ePACT2 software interface. The 'Criteria' tab is selected, and the 'Results' sub-tab is active. The 'Subject' dropdown is set to '21'. The 'Selected Columns' section shows 'BNF Chemical Substance plus Code' and 'Items'. The 'Filters' section shows 'HS Commissioner / Provider plus Code is equal to / is in NHS NORTH EAST AND NORTH CUMBRIA ICB - 13T (13T00) - 13T00' and 'AND Year Month is equal to / is in 202303'.

22. Your results will now show data split into bins, similar to the example below.

The screenshot shows a table with the following data:

BNF Chemical Substance plus Code	Items
<a href="#">Ibuprofen chemical substances</a>	5,749
<a href="#">Naproxen chemical substances</a>	5,648
<a href="#">Others</a>	1,097,575



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## Getting more help

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### **Additional training material and user guides**

The ePACT2 training team has developed several how to guides to help you get the best out of ePACT2. These can be found on our [ePACT2 user guides page](#)

### **Webinar sessions**

We offer a free webinar training service to all our users and you can book as many sessions as you need.

Our webinar sessions are booked as 1hour slots and we offer a number of different sessions covering a range of topics.

We also offer bespoke sessions which are delivered just to you or your invited colleagues. You can let us know if you have any specific topics or reports you'd like to cover or if you would prefer an introductory tour of the system.

Our experienced trainers deliver these sessions using MS Teams and you can take part wherever you are as long as you can get online.

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