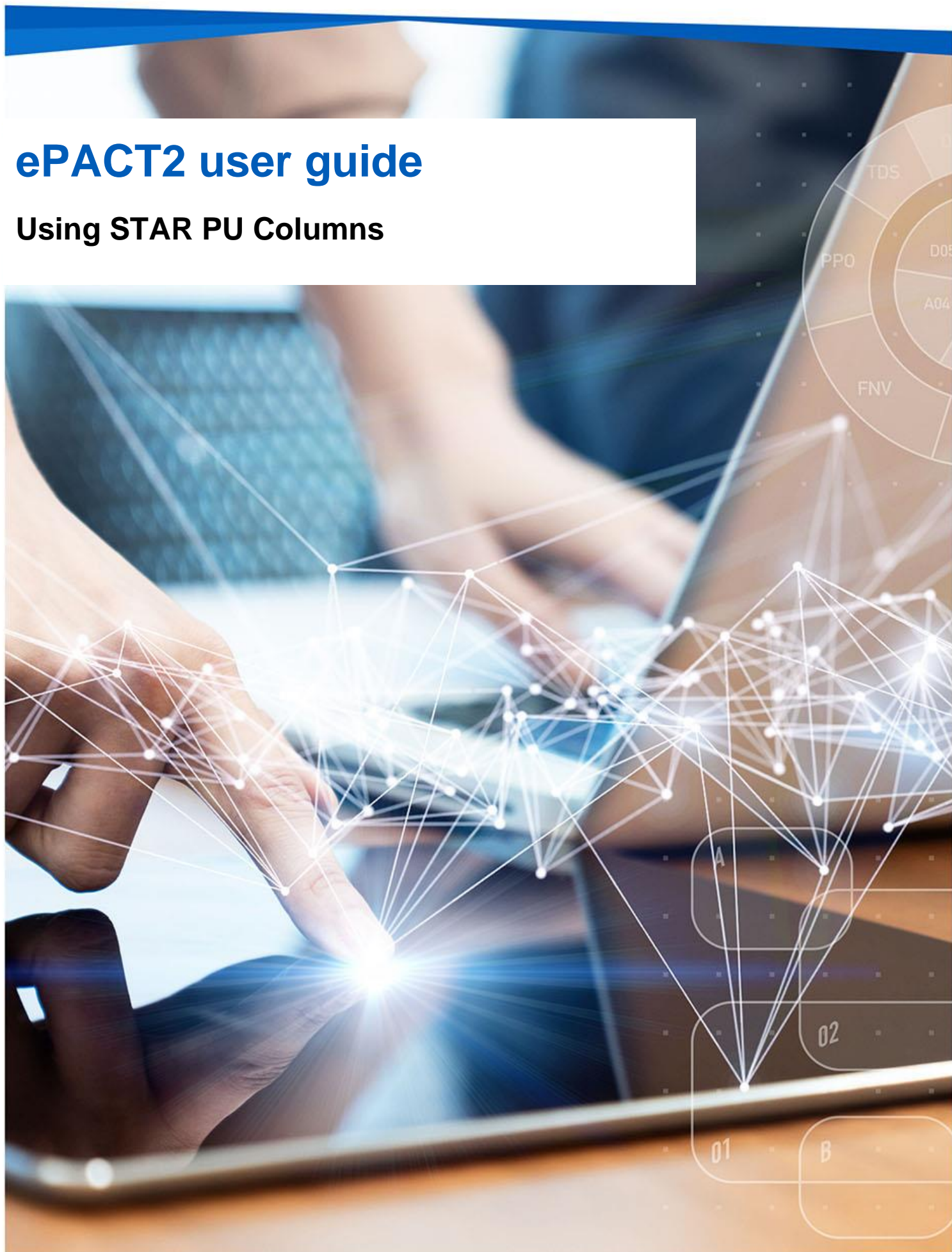# ePACT2 user guide

Using STAR PU Columns

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:

Contents

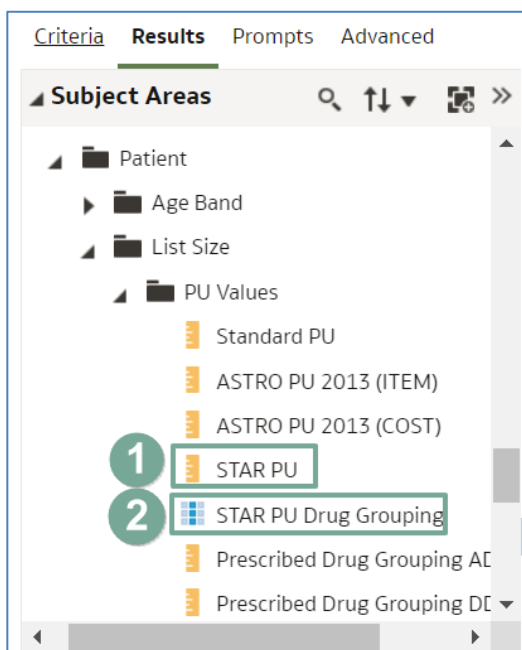# Including STAR PU columns in an analysis

The STAR PU columns can be found in the following folder:
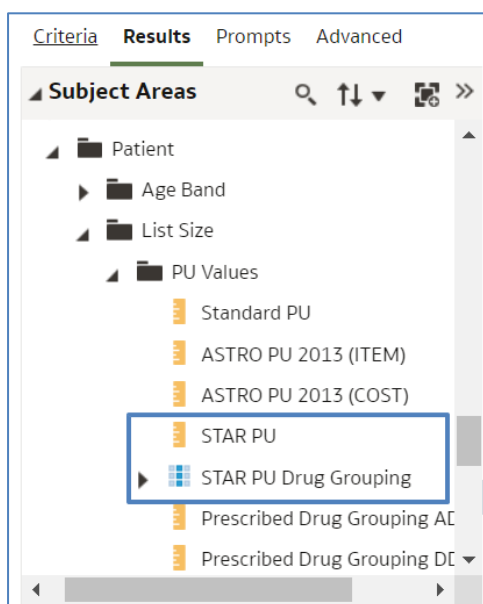
Two columns need to be used in conjunction when returning STAR PU data.

1) STAR PU	Will show the STAR PU figure for the Organisation/Drug Grouping selected
2) STAR PU Drug Grouping	Allows the selection of a specific STAR PU drug grouping

To run analyses with these columns included use the following steps:

1. Include the columns and filters you wish to return data for.

> ! In this example we are running the data for March 2023 and 'NHS North East and North Cumbria ICB (13T00)'. The data will be returned at practice level showing the Antibacterials I (BNF 5.1) STAR PU figure for each.

2. Expand the subject area to the location – Patient > List Size > PU Values > and select the STAR PU and STAR PU Drug Grouping columns.

> ! When using the STAR PU columns the report needs to be filtered to a specific Therapeutic group. This can be done using the 'STAR PU Drug Grouping' column.

3. Select the 'cog' icon for the 'STAR PU Drug Grouping' column and from the drop-down list select the 'Filter' option.
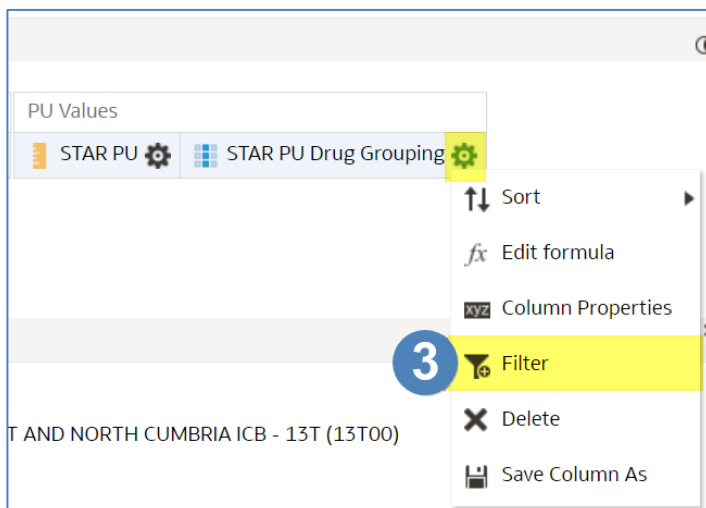
4. Within the 'New Filter' pane select the search icon.
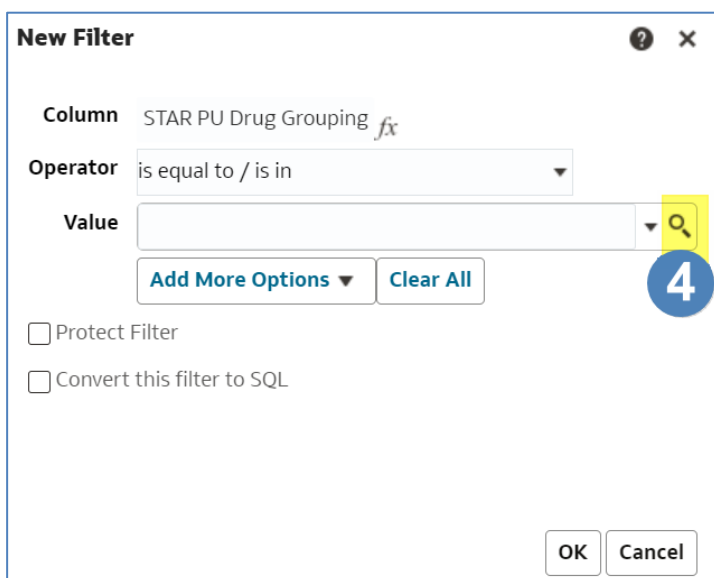
5. The 'Select Values' pane will be displayed.
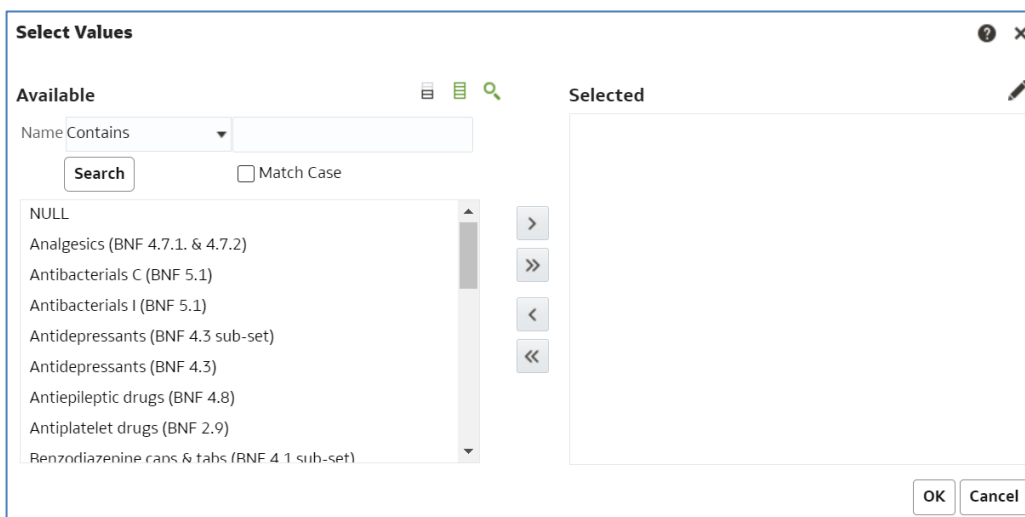
6.	Select the required therapeutic group from the list provided.

7.	Use the single arrow icon to move the highlighted group into the 'Selected' pane.

8.	The highlighted group will now be displayed in the 'Selected' pane.

9.	Select 'OK' to confirm the selection.
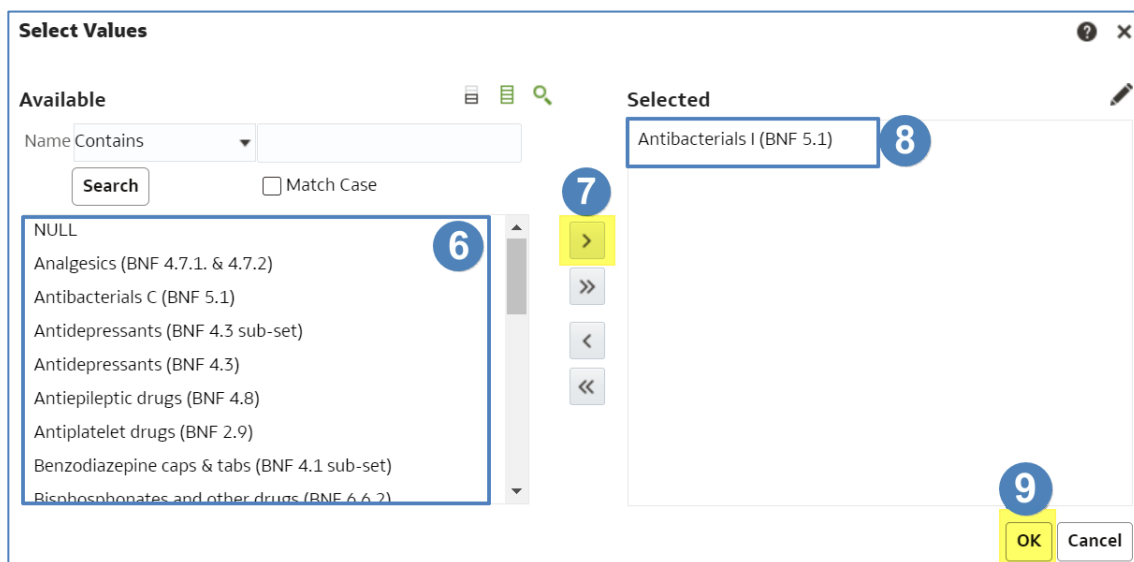
10.	The 'Values' section of the 'New Filter' pane will be populated with the group selected.

11.	Select 'OK' to create the filter.
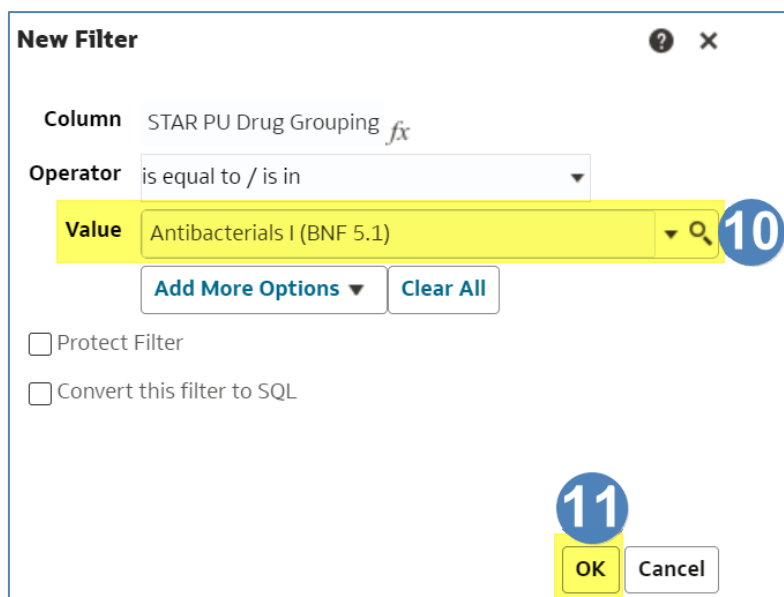
12. The filter will be added to the 'Filter' pane.

Selected Columns

Time Period	England Prescribing Organisations	Reporting Fields	PU Values	
▦ Year Month ⚙	▦ Practice plus Code ⚙	▤ Items ⚙	▤ STAR PU ⚙	▦ STAR PU Drug Grouping ⚙

Filters

▽ Year Month is equal to / is in 202303
AND ▽ Commissioner / Provider plus Code is equal to / is in NHS NORTH EAST AND NORTH CUMBRIA ICB - 13T (13T00)
AND ▽ STAR PU Drug Grouping is equal to / is in Antibacterials I (BNF 5.1) **12**

❗ As the filter for the 'STAR PU Drug Grouping' has been added to the analysis all columns included will be limited by the drug grouping selected including the 'Items'.

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13. Select the 'Results' tab.

13

Criteria | **Results** | Prompts | Advanced

▲ Subject Areas 🔍 ↑↓ ▾ »

14. Your results will then return to show the number of Items and the STAR PU figure for the drug group selected.

Table [A] xyz ✏ ✖

Year Month	Practice plus Code	Items	STAR PU	STAR PU Drug Grouping
202303		98	1,408	Antibacterials I (BNF 5.1)
202303		274	2,926	Antibacterials I (BNF 5.1)
202303		563	5,164	Antibacterials I (BNF 5.1)
202303		218	2,308	Antibacterials I (BNF 5.1)
202303		747	6,063	Antibacterials I (BNF 5.1)
202303		365	3,874	Antibacterials I (BNF 5.1)
202303		525	5,218	Antibacterials I (BNF 5.1)
202303		694	9,244	Antibacterials I (BNF 5.1)

Calculating the ADQ/DDD per STAR PU

Users may wish to use the STAR PU figure within a calculation to show ADQ/DDD per STAR PU.

Two columns are available which can be used within an analysis to show the ADQ/DDD usage figures. These columns can then be used within a calculation to show the ADQ/DDD per STAR PU.
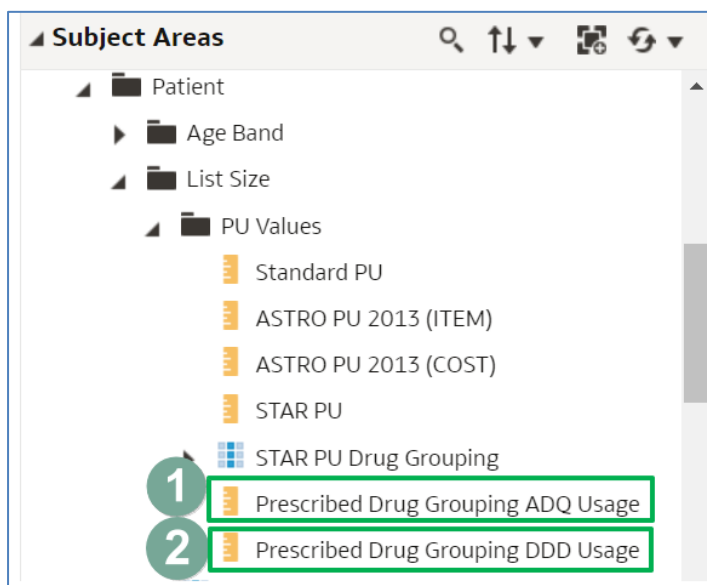
| 1) Prescribing Drug Grouping ADQ Usage	Will show the ADQ usage for the drug grouping selected
2) Prescribing Drug Grouping DDD Usage	Will show the DDD usage for the drug grouping selected

Creating the Calculation

1. Include the required column within the analysis, for this example 'Prescribing Drug Grouping ADQ Usage' has been used.
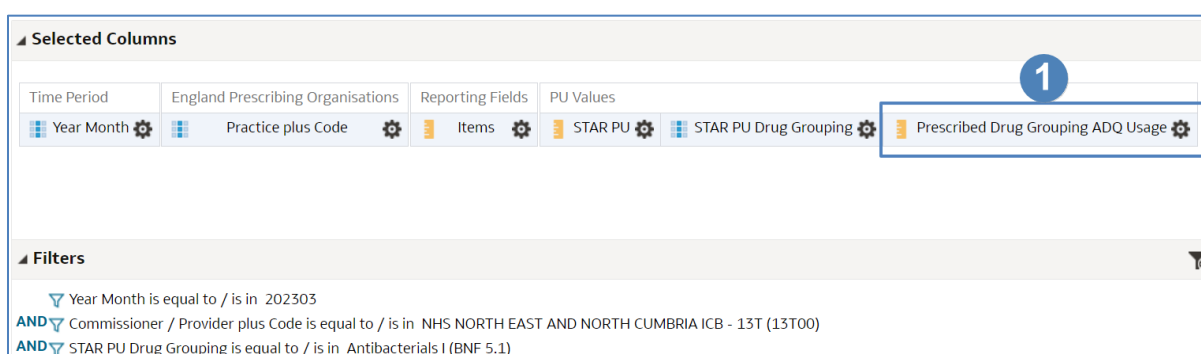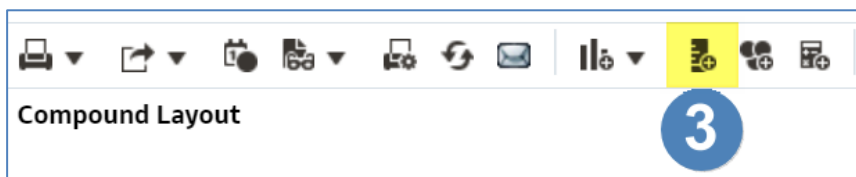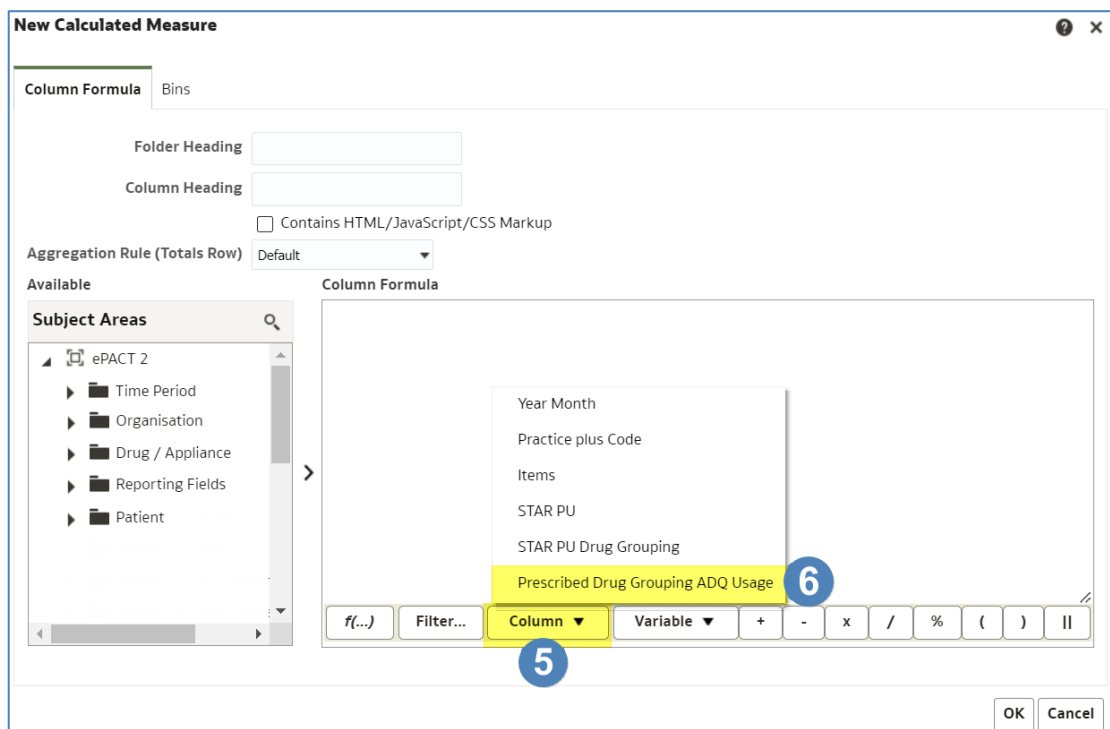
2.   Select the 'Results' tab to navigate to the results pane.
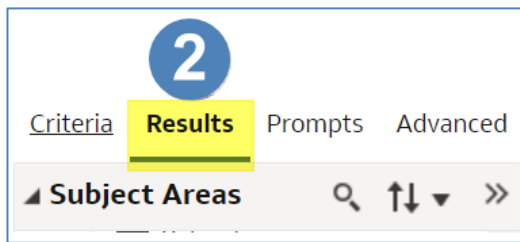
3.   From the 'Results' pane select the 'New Calculated Measures' icon.

4.   The 'New Calculated Measure' pane will be displayed.

5.   Select the 'Column' icon to open up the available columns to select from the analysis.

6.   From the options available select 'Prescribed Drug Grouping ADQ Usage'.

7.   The formula for the column will now be included in the 'New Calculated Measure' pane.

8.   Enter the divide symbol (/) from the task bar to the end of the column formula.

9. Select the 'Column' icon and from the available list of columns to select choose the 'STAR PU' column.

> **t** Don't forget to remove the highlight each time another element is added to the formula, if not the next element added will overwrite what is there.

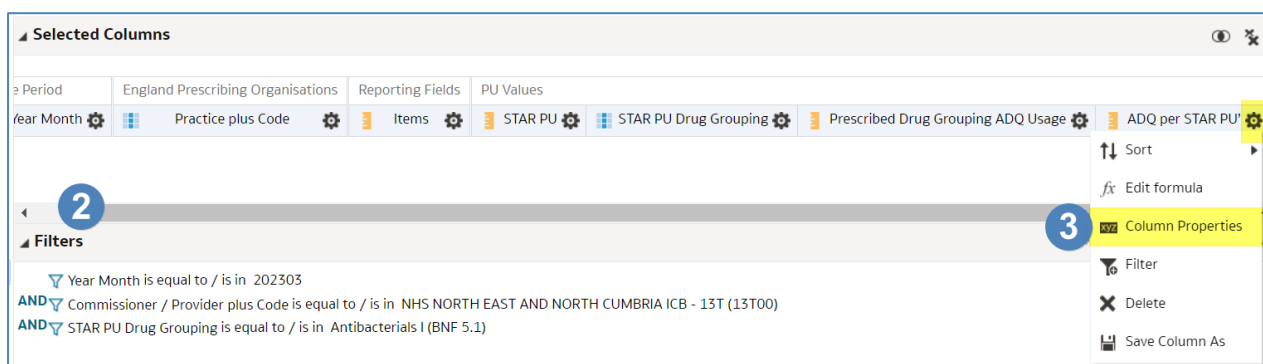10. Amend the column heading to 'ADQ per STAR PU'.

11. Click 'OK', you will now have a new column in your data.

Amending the Data Format

1. Select the 'Criteria' tab from the top of the page.
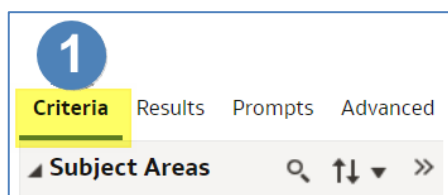
2. Use the scroll bar at the bottom of the 'Selected Columns' pane to scroll to the end of the selected columns.

3. Hover over the Cog icon on your new 'ADQ per STAR PU' column and select 'Column Properties'

4. The 'Column Properties' box will now open, select the 'Data Format' tab.

5. Tick the 'Override Default Data Format' box.

6. Use the 'Decimal Places' drop-down list to set the number of decimal places to '3'.

7. Select 'OK' to apply the changes.
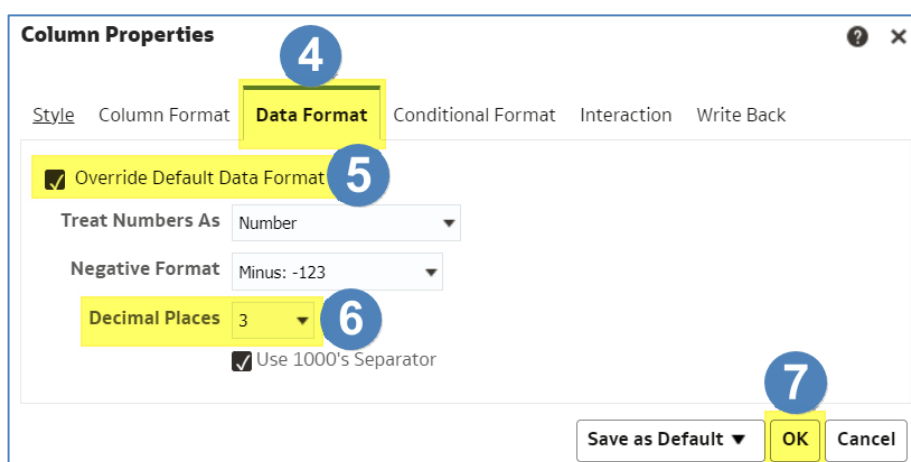
8. Select the 'Results' tab to see the final data.

Displaying drugs included in the Drug Grouping

When including a STAR PU figure in an analysis it is possible to break the information returned down by a BNF level for the values included within the drug grouping.

For the purposes of this guide we'll use the STAR PU analysis created in the earlier section of the guide and break the information down to show the individual BNF Presentation for the drug grouping.

> ❗ For this example the information will be broken down to BNF Presentation level, if an alternative BNF level is required the appropriate BNF column should be included in the analysis.

12.   Return to the 'Criteria' tab for the analysis.

13.   Expand the subject area and include the 'BNF Presentation plus Code' column in the analysis.
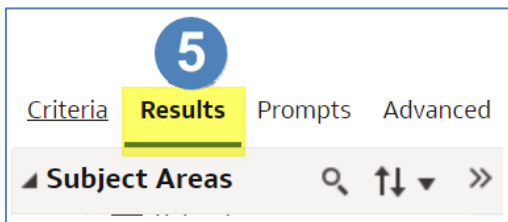
14. Select the 'Advanced' tab from the top left-hand corner of the analysis builder.

15. Scroll down to the 'Advanced SQL Clauses' section and select 'Show Total value for all measures on unrelated dimensions'.
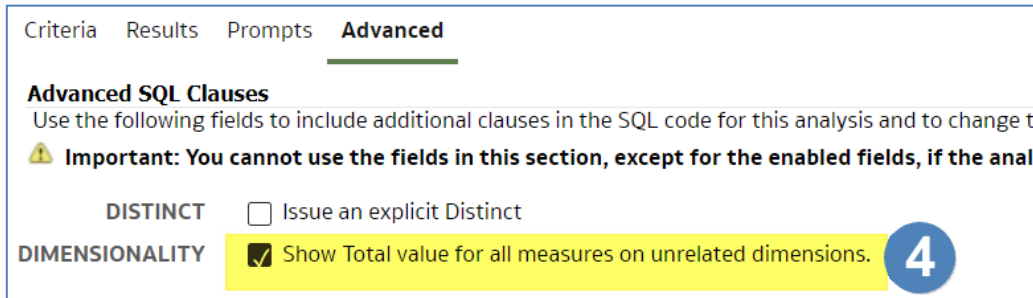
16. Select the 'Results' tab.

17. Your results will then return to show individual BNF Presentation included in the drug grouping,

Year Month	Practice plus Code	Items	STAR PU	STAR PU Drug Grouping	BNF Presentation plus Code
202303		1	1,408	Antibacterials I (BNF 5.1)	Phenoxymethylpenicillin 250mg/5ml oral solution (0501011P0AAAFAF)
202303		6	1,408	Antibacterials I (BNF 5.1)	Phenoxymethylpenicillin 250mg tablets (0501011P0AAAJAJ)
202303		1	1,408	Antibacterials I (BNF 5.1)	Phenoxymethylpenicillin 250mg/5ml oral solution sugar free (0501011P0AAASAS)
202303		2	1,408	Antibacterials I (BNF 5.1)	Flucloxacillin 250mg capsules (0501012G0AAAAAA)
202303		10	1,408	Antibacterials I (BNF 5.1)	Flucloxacillin 500mg capsules (0501012G0AAABAB)
202303		15	1,408	Antibacterials I (BNF 5.1)	Amoxicillin 500mg capsules (0501013B0AAABAB)
202303		2	1,408	Antibacterials I (BNF 5.1)	Amoxicillin 250mg/5ml oral suspension sugar free (0501013B0AAATAT)
202303		1	1,408	Antibacterials I (BNF 5.1)	Co-amoxiclav 250mg/62mg/5ml oral suspension sugar free (0501013K0AAAGAG)
202303		3	1,408	Antibacterials I (BNF 5.1)	Cefalexin 250mg capsules (0501021L0AAAAAA)
202303		1	1,408	Antibacterials I (BNF 5.1)	Cefalexin 500mg capsules (0501021L0AAABAB)
202303		14	1,408	Antibacterials I (BNF 5.1)	Doxycycline 100mg capsules (0501030I0AAABAB)

Getting more help

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.

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