

# ePACT2 User Guide

## Using STAR PU Columns

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## 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

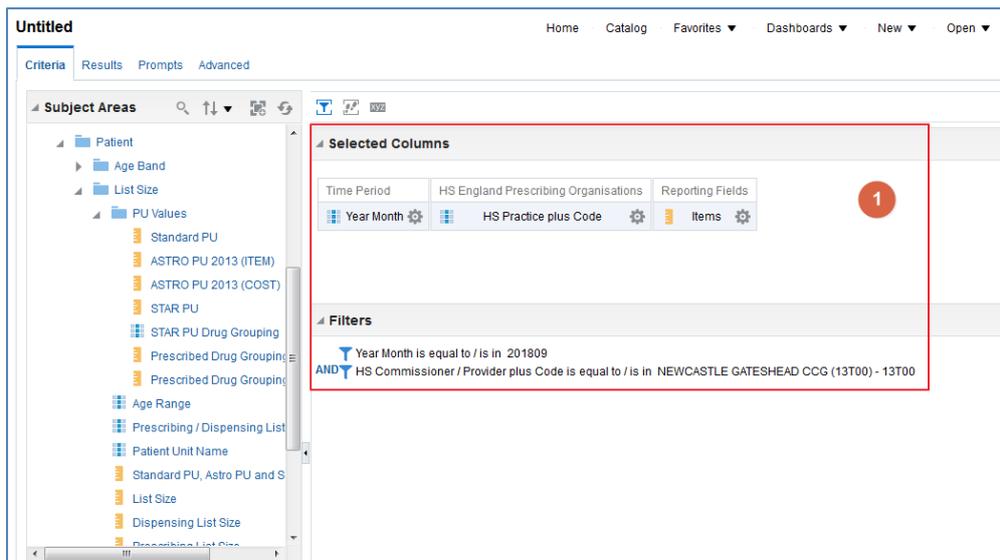
To run analyses with these columns in use the following steps:

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

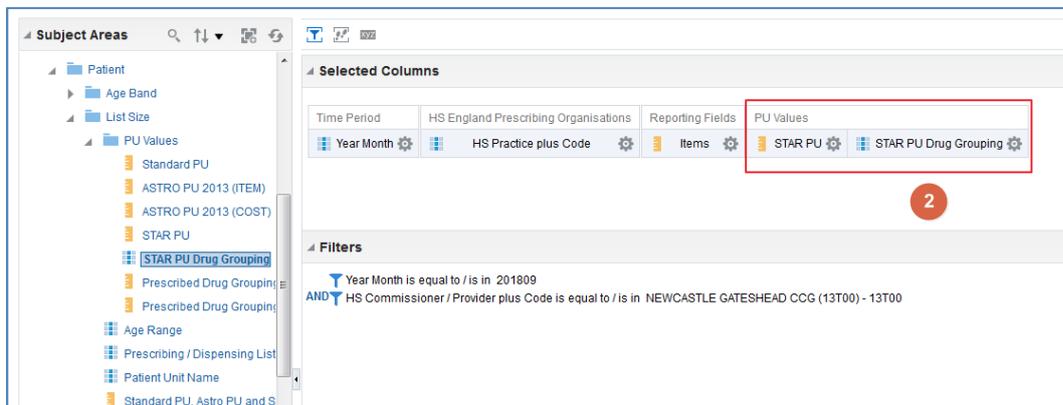


In this example I am running the data for September 2018, 'Newcastle Gateshead CCG'. The data will be returned at practice level showing the Antibacterials I (BNF 5.1) STAR PU figure for each practice.

## Including STAR PU columns in an analysis



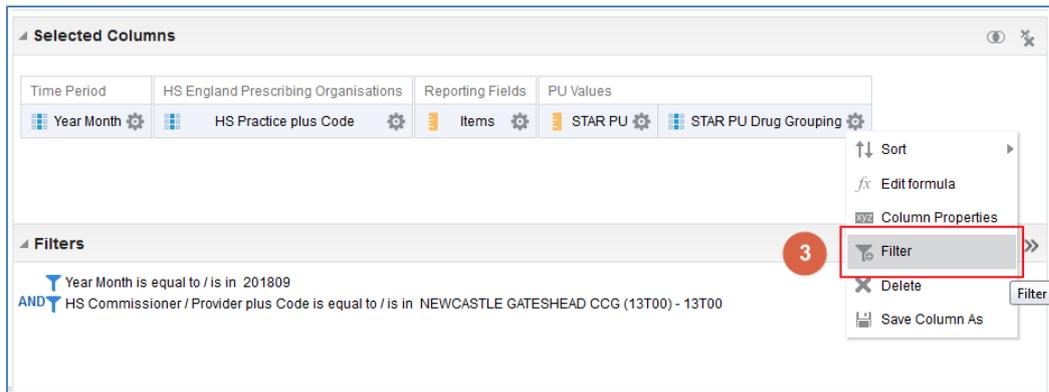
2. Expand the subject area to the location – Patient>List Size>PU Values, and select the STAR PU and STAR PU Drug Grouping columns.



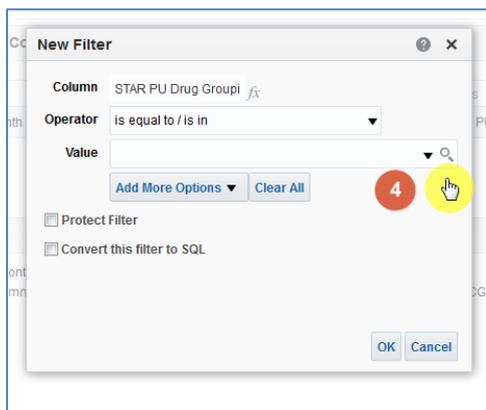
 When using the STAR PU columns the report needs to be filtered to a specific Therapeutic group.  
This can be done using the 'STAR PU Drug Grouping' column

3. Select the 'cog' icon for the 'STAR PU Drug Grouping' column; from the drop down list select the 'Filter' option.

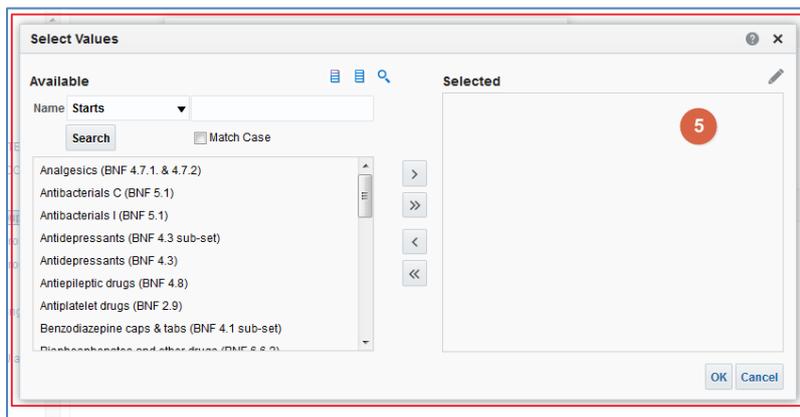
## Including STAR PU columns in an analysis



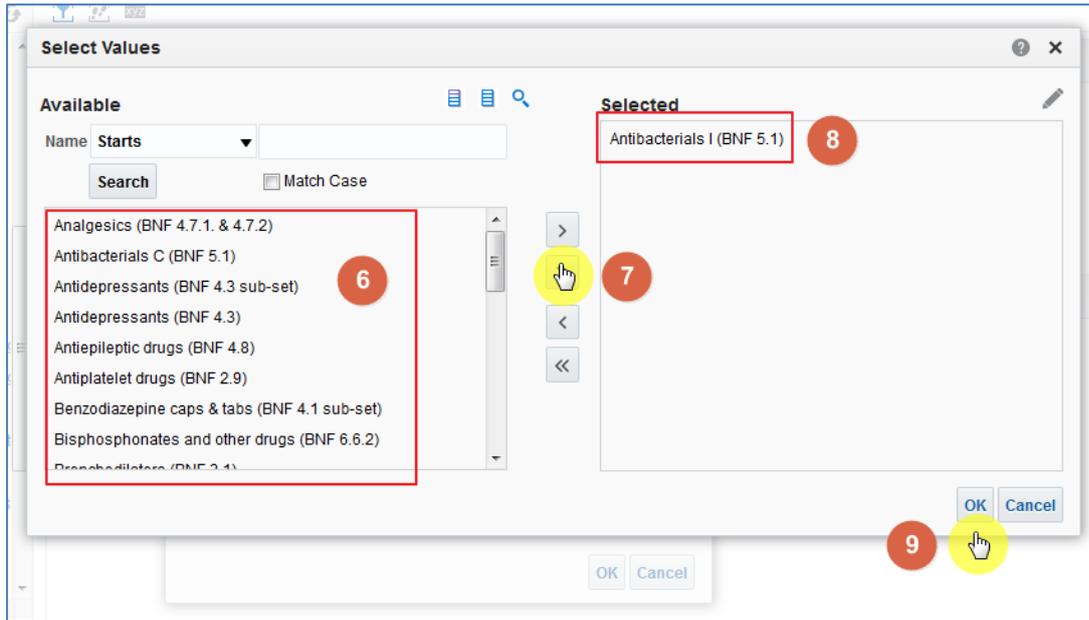
4. Within the 'New Filter' pane select the search icon



5. The 'Select Values' pane will be displayed

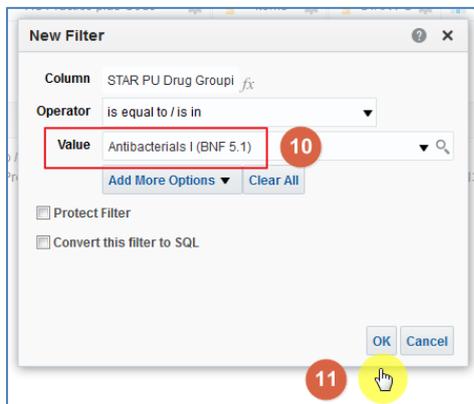


6. Left click the required therapeutic group from the list provide to select
7. Use the single arrow icon to move the highlighted group into the 'Selected' pane
8. The select group will be displayed in the 'Selected' pane
9. Select 'Ok' to confirm the selection



10. The 'Values' section of the 'New Filter' pane will be populated with the group selected

11. Select 'Ok' to create the filter

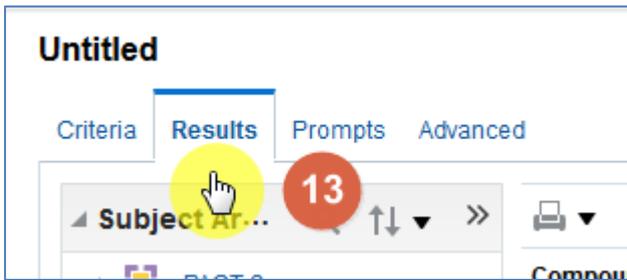


12. The filter will be added to the 'Filter' pane



 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'

13. Select 'Results'



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

Compound Layout

Title  [A] ✎ ✕

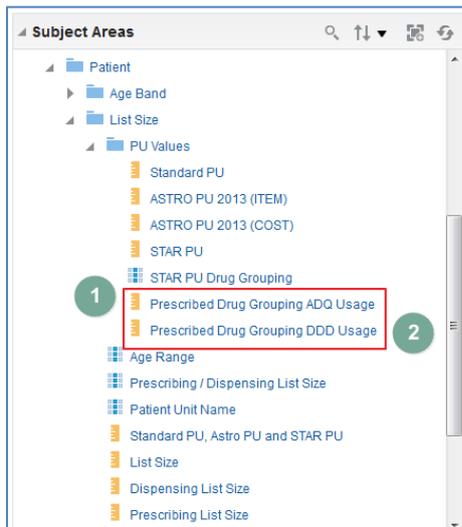
Table  [A] XYZ ✎ ✕

Year Month	HS Practice plus Code	Items	STAR PU	STAR PU Drug Grouping
201810	[blurred]	60	889	Antibacterials I (BNF 5.1)
201810	[blurred]	73	1,493	Antibacterials I (BNF 5.1)
201810	[blurred]	235	2,565	Antibacterials I (BNF 5.1)
201810	[blurred]	558	4,710	Antibacterials I (BNF 5.1)
201810	[blurred]	186	2,405	Antibacterials I (BNF 5.1)
201810	[blurred]	535	5,815	Antibacterials I (BNF 5.1)
201810	[blurred]	249	3,309	Antibacterials I (BNF 5.1)
201810	[blurred]	438	5,112	Antibacterials I (BNF 5.1)
201810	[blurred]	664	9,327	Antibacterials I (BNF 5.1)
201810	[blurred]	88	1,039	Antibacterials I (BNF 5.1)
201810	[blurred]	132	1,391	Antibacterials I (BNF 5.1)
201810	[blurred]	238	3,023	Antibacterials I (BNF 5.1)
201810	[blurred]	460	5,653	Antibacterials I (BNF 5.1)
201810	[blurred]	440	6,432	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

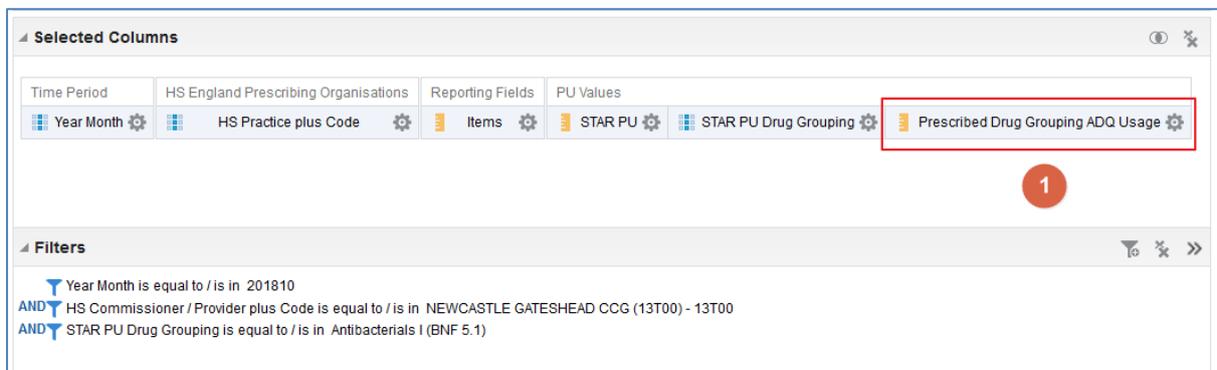
Two columns are available which can be used within an analysis to show the ADQ/DDD usage figures. These columns can then be used within a calculation to show the ADQ/DDD per STAR PU



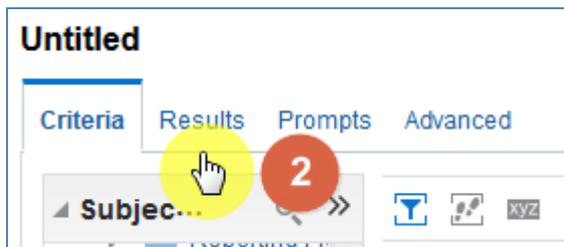
1) Prescribing Drug Grouping ADQ Usage	Will show the ADQ usage for the drug grouping selected
2) Prescribing Drug Grouping DDD Usage	Will show the DDD usage for the drug grouping selected

## Creating the Calculation

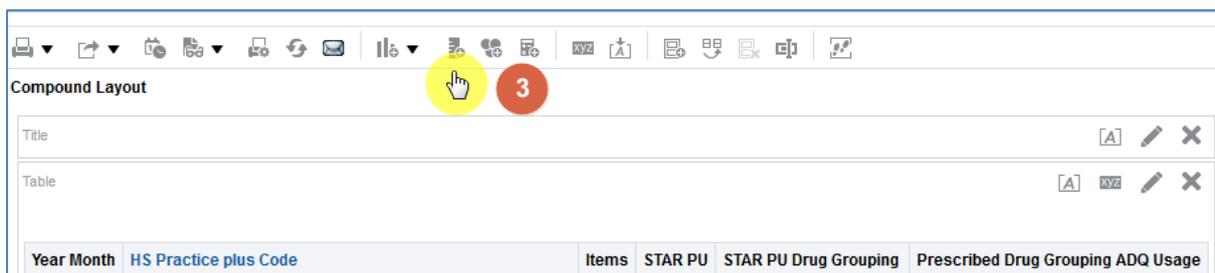
1. Include the required column within the analysis, for this example 'Prescribing Drug Grouping ADQ Usage' has been used



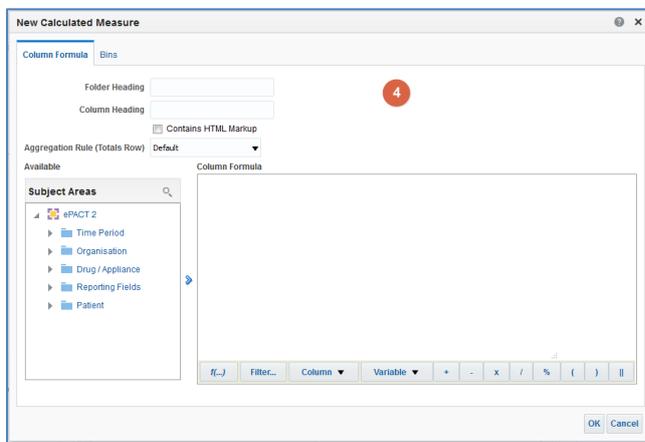
2. Select the 'Results' tab to navigate to the results pane



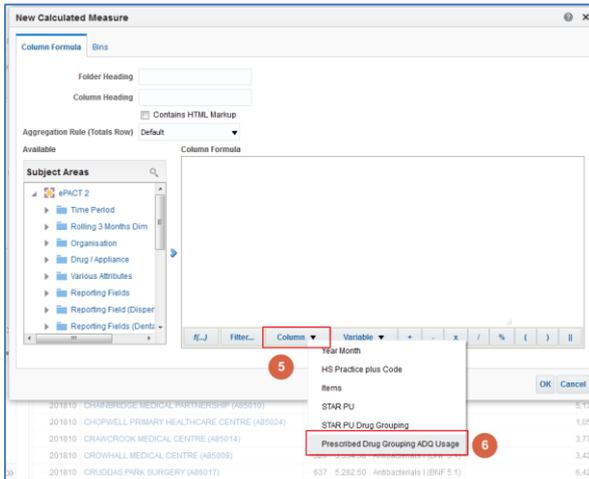
3. From the 'Results' pane select the 'New Calculated Measures' icon



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



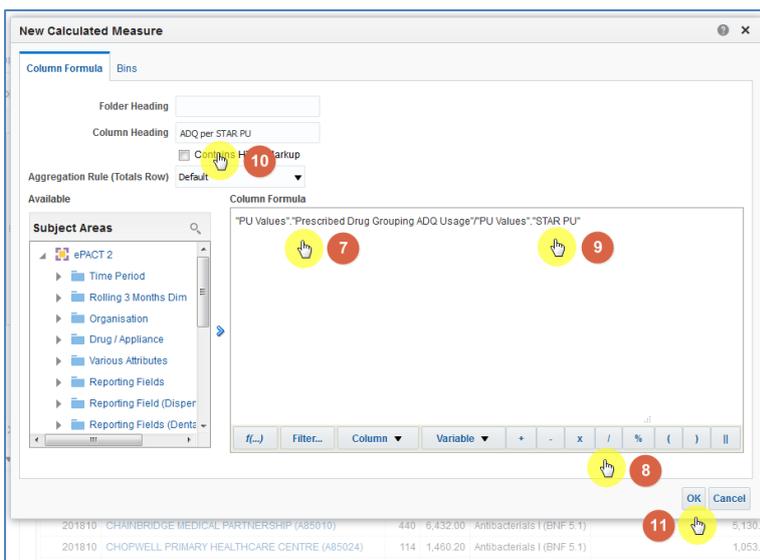
5. Select the 'Column' icon to open up the available columns to select from the analysis.
6. From the options available select 'Prescribed Drug Grouping ADQ Usage'



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' from task bar, from the available list of columns to select choose the 'STAR PU' column

 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

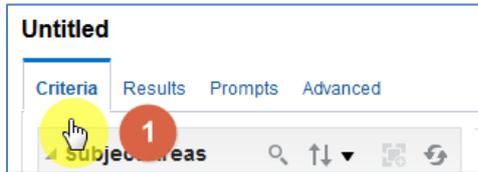
10. Amend the column heading to 'ADQ per STAR PU', the column formula pane should appear as:



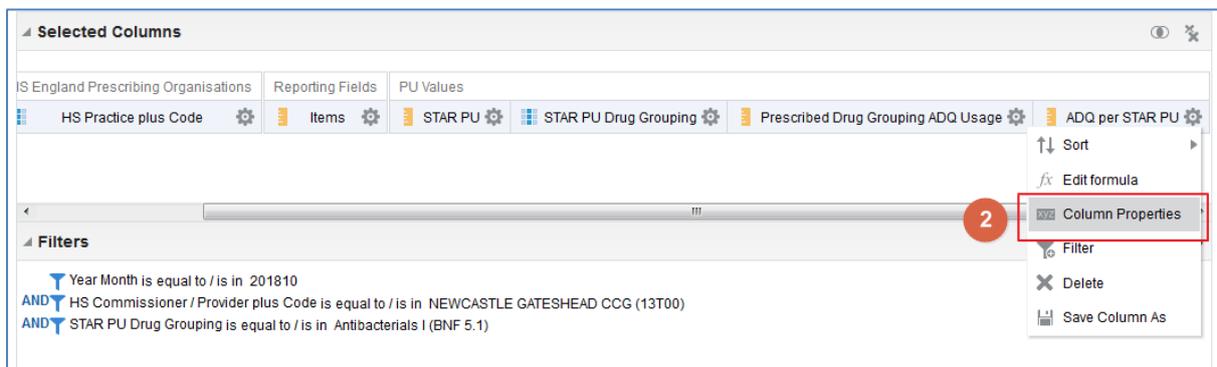
11. Click 'OK', you will now have a new column in your data.

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



3. The 'Column Properties' box will now open, select the 'Data Format'
4. Tick the 'Override Default Data Format' box
5. Use the 'Decimal Places' drop down list to set the number of decimal places to '3'
6. Select OK to apply the changes



7. Select 'Results' to see the final data

Year Month	HS Practice plus Code	Items	STAR PU	STAR PU Drug Grouping	Prescribed Drug Grouping ADQ Usage	ADQ per STAR PU
201810	[Redacted]	60	888.90	Antibacterials I (BNF 5.1)	669.50	0.753
201810	[Redacted]	73	1,493.10	Antibacterials I (BNF 5.1)	1,069.50	0.716
201810	[Redacted]	235	2,565.00	Antibacterials I (BNF 5.1)	2,654.92	1.035
201810	[Redacted]	558	4,709.90	Antibacterials I (BNF 5.1)	5,912.42	1.255
201810	[Redacted]	186	2,404.70	Antibacterials I (BNF 5.1)	2,196.33	0.913
201810	[Redacted]	535	5,814.70	Antibacterials I (BNF 5.1)	5,727.85	0.985

## Displaying drugs included in the Drug Grouping

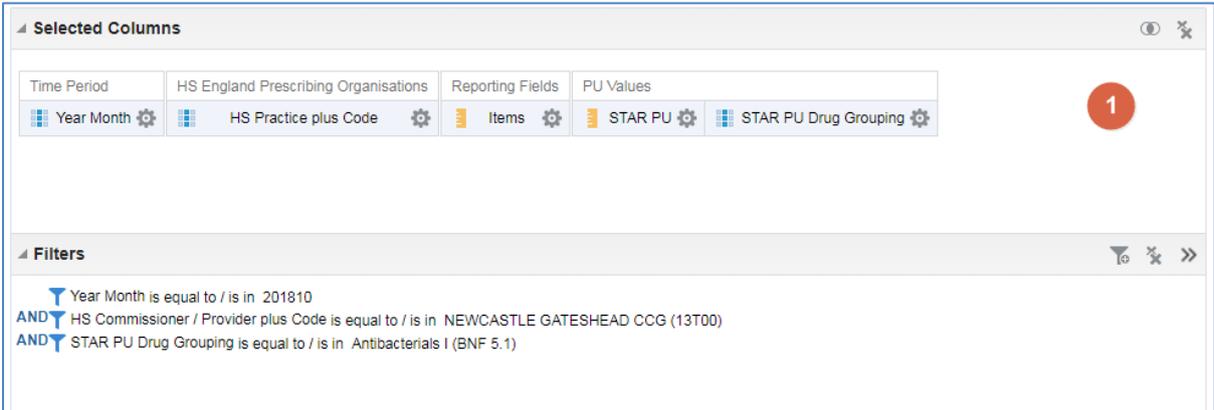
When including a STAR PU figure in an analysis it is possible to break the information returned down by a BNF level for the values included within the drug grouping

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

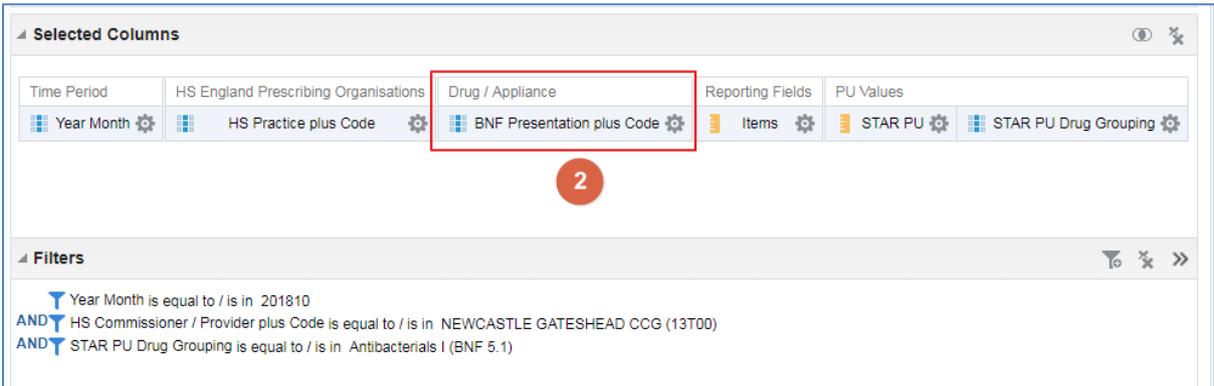


For this example the information will be broken down to BNF Presentation level, if an alternative BNF level is required the appropriate BNF column should be included in the analysis

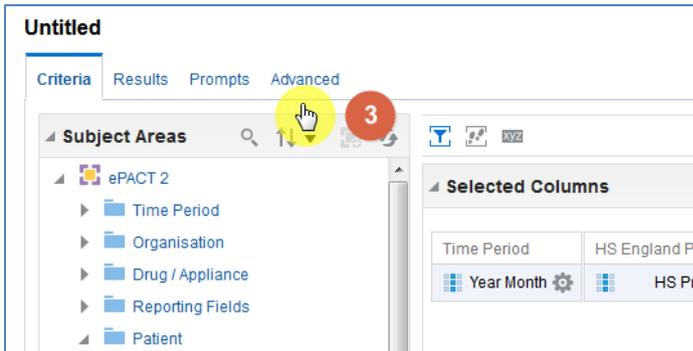
### 1. Return to the 'Criteria' tab for the analysis



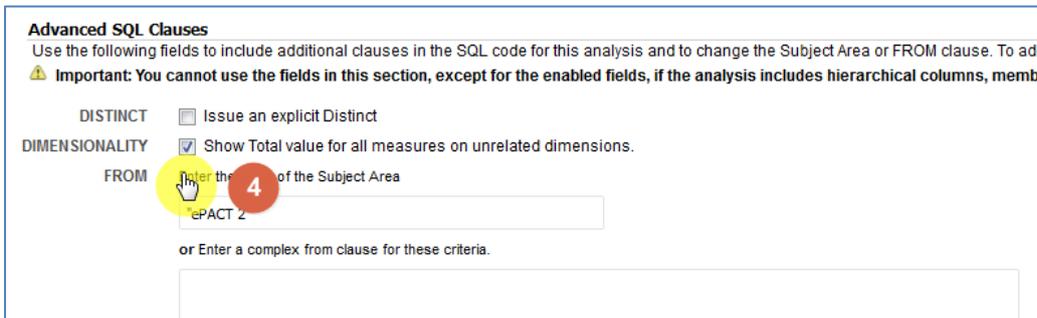
### 2. Expand the subject area and include the 'BNF Presentation plus Code' column in the analysis



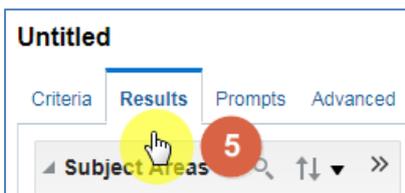
- Select the 'Advanced' tab from the top left hand corner of the analysis builder.



- Scroll down to the 'Advanced SQL Clauses' section from here select 'Show Total value for all measures on unrelated dimensions'



- Select 'Results'



- Your results will then return to show individual BNF Presentation included in the drug grouping

Compound Layout

Year Month	HS Practice plus Code	BNF Presentation plus Code	Items	STAR PU	STAR PU Drug Grouping
201810	[Redacted]	Phenoxymethylpenicillin Pot_Tab 250mg (0501011P0AAAIAJ)	1	888.90	Antibacterials I (BNF 5.1)
201810	[Redacted]	Flucloxacillin Sod_Cap 500mg (0501012G0AAABAB)	2	888.90	Antibacterials I (BNF 5.1)
201810	[Redacted]	Amoxicillin_Cap 250mg (0501013B0AAAAAA)	1	888.90	Antibacterials I (BNF 5.1)
201810	[Redacted]	Amoxicillin_Cap 500mg (0501013B0AAABAB)	16	888.90	Antibacterials I (BNF 5.1)
201810	[Redacted]	Amoxicillin_Oral Susp 125mg/5ml S/F (0501013B0AAASAS)	6	888.90	Antibacterials I (BNF 5.1)
201810	[Redacted]	Amoxicillin_Oral Susp 250mg/5ml S/F (0501013B0AAATAT)	3	888.90	Antibacterials I (BNF 5.1)
201810	[Redacted]	Co-Amoxiclav_Susp 125mg/31mg/5ml S/F (0501013K0AAADAD)	1	888.90	Antibacterials I (BNF 5.1)

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## Getting Help

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

The NHSBSA has developed a number of how to guides to help you get the best out of ePACT2. These can be found at: [Additional User Guides](#)

### **WebEx sessions**

WebEx will be provided on a number of different topics and features. More information about these can be found here: [WebEx Training](#)