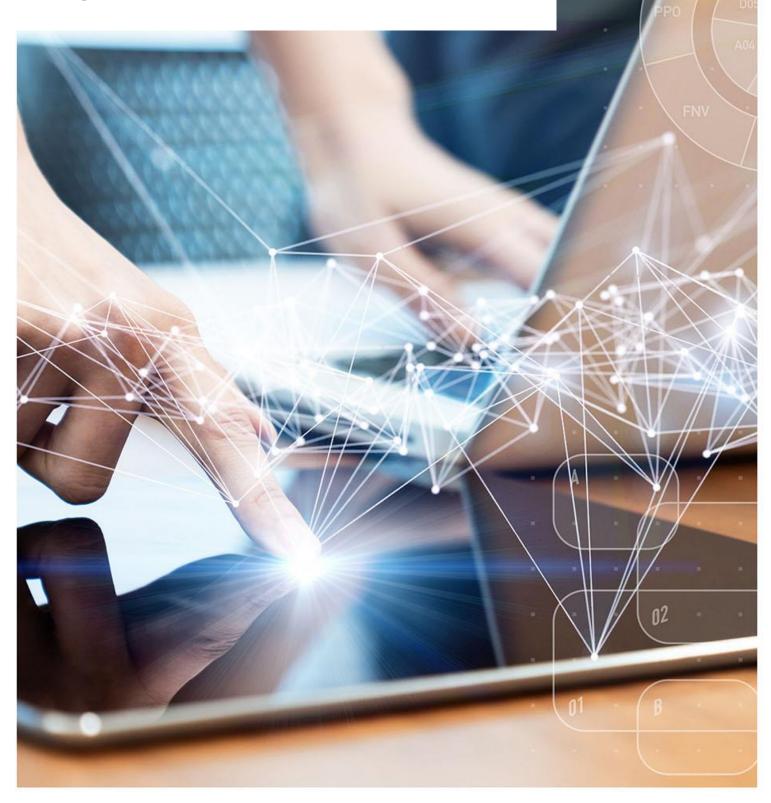


# ePACT2 user guide

Using STAR PU Columns



### **Interactive Contents**

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Creating the Calculation

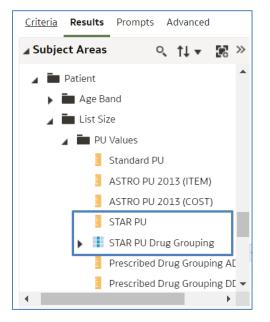
Amending the Data Format

**Displaying drugs included in the Drug Grouping** 

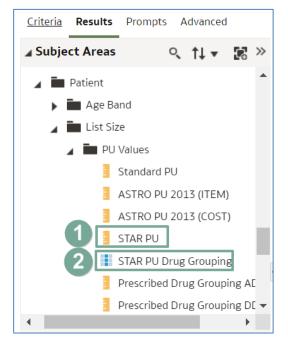
**Getting more help** 

## **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.

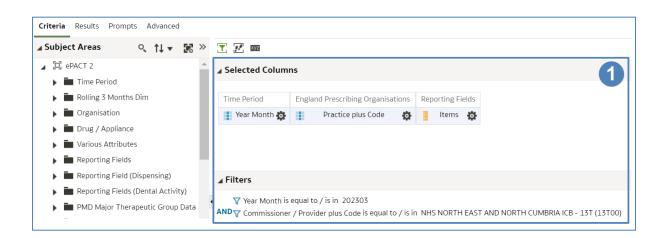


1) STAR PU	Will show the STAR PU figure for the Organisation/Drug Grouping selected
2) STAR PU Drug Grouping	Allows the selection of a specific STAR PU drug grouping

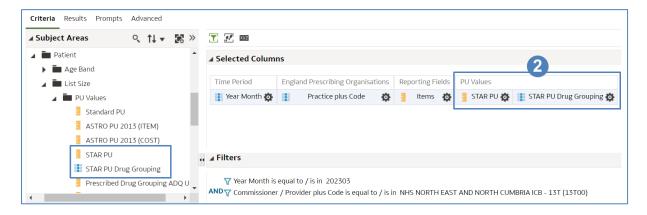
To run analyses with these columns included use the following steps:

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.

				0
PU Values				
STAR PU 👸	STAR PU Drug Grouping	ø		
1		t↓	Sort	
		fx	Edit formula	
		xyz	Column Properties	
	3	7	Filter	Í
T AND NORTH CUMBR	RIA ICB - 13T (13T00)	×	Delete	
	()	H	Save Column As	

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

New Filter	•		0 ×
Column	STAR PU Drug Grouping	fx	
Operator	is equal to / is in		•
Value			<b>▼ </b>
	Add More Options 🔻	Clear All	4
Protect	Filter		
Convert	this filter to SQL		
			OK Cancel

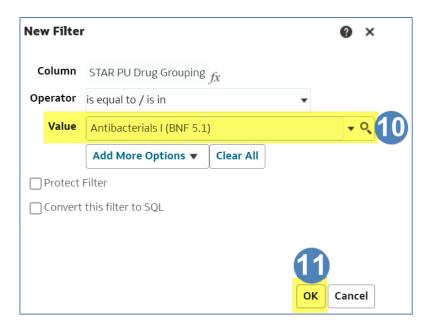
5. The 'Select Values' pane will be displayed.

Select Values		@ ×
Available	🗄 🗏 🔍 Selected	/
Name Contains 👻		
Search Match Case		
NULL	<u> </u>	
Analgesics (BNF 4.7.1. & 4.7.2)		
Antibacterials C (BNF 5.1)	»	
Antibacterials I (BNF 5.1)	<	
Antidepressants (BNF 4.3 sub-set)		
Antidepressants (BNF 4.3)	~	
Antiepileptic drugs (BNF 4.8)		
Antiplatelet drugs (BNF 2.9)		
Benzodiazenine cans & tabs (BNE 4.1 sub-set)	•	

- 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.

Select Values				Ø >	ĸ
Available		Selected		/	•
Name Contains 👻		Antibacterials I (BNF 5.1)	8		
Search Match Case	7				
NULL	6 🕯 🕨				
Analgesics (BNF 4.7.1. & 4.7.2)					
Antibacterials C (BNF 5.1)	>>				
Antidepressants (BNF 4.3 sub-set)	<				
Antidepressants (BNF 4.3)					
Antiepileptic drugs (BNF 4.8)	~~				
Antiplatelet drugs (BNF 2.9)					
Benzodiazepine caps & tabs (BNF 4.1 sub-set)					
Risphosphonates and other drugs (RNE 6.6.2)	-		9		
			0	K Cancel	-

- 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 Colum	ns							
Time Period	Engla	nd Prescribing Organisa	tions	Rep	oorting F	ields	PU Values	
Year Month 🔅		Practice plus Code	ø	1	Items	ø	STAR PU 👸	STAR PU Drug Grouping
Filters								
🍸 Year Month is	equal t	o/isin 202303						
ND T Commissioner	· / Prov	ider plus Code is equal to	o / is ir	n NH	S NORTI	H EAS	T AND NORTH CUN	/BRIA ICB - 13T (13T00)
ND T STAR PU Drug	Group	ing is equal to / is in Ant	tibacte	rials	I (BNF 5.	1)	2	



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 the 'Results' tab.



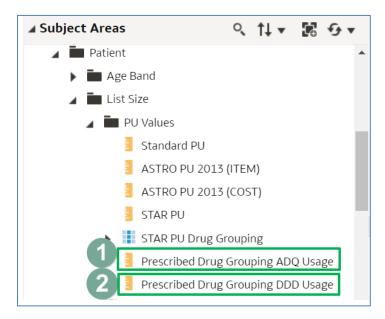
14. Your results will then return to show the number of Items and the STAR PU figure for the drug group selected.

āble				(A) 🔤 💉 🗙
Year Month	Practice plus Code	Items	STAR PU	STAR PU Drug Grouping
202303	INDERFECTION, PROTOCOLOGICAL	98	1,408	Antibacterials I (BNF 5.1)
202303	a sea ann ann ann an ann ann ann an an	274	2,926	Antibacterials I (BNF 5.1)
202303	A REAL PROPERTY AND A REAL PROPERTY.	563	5,164	Antibacterials I (BNF 5.1)
202303	COMPANY NO. 10 10 10 10	218	2,308	Antibacterials I (BNF 5.1)
202303	and the second second second second second	747	6,063	Antibacterials I (BNF 5.1)
202303	and a state of the state of the state of the	365	3,874	Antibacterials I (BNF 5.1)
202303	DOUGTION CONTRACT PRIMA	525	5,218	Antibacterials I (BNF 5.1)
202303	terra an anna an anna anna anna	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.

Time Devied	Englas		41	Deres	utio – Etali				1
Time Period	Period England Prescribing Organisations		tions	Repo	orting Field	IS P	PU Values		
Year Month 👸		Practice plus Code	ø		Items	ġ.	STAR PU 👸	STAR PU Drug Grouping 👩	Prescribed Drug Grouping ADQ Usage
Filters									

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'.

ew Calculated I	Measure								0	
Column Formula	Bins									
	lder Heading umn Heading									
		Cont	tains HTML/JavaScript/CS	S Markup						
ggregation Rule	(Totals Row)	Default	•							
vailable			Column Formula							
Drug	Period nisation / Appliance rting Fields	°.	>	Year Month Practice plus ( Items STAR PU STAR PU Drug	Grouping					
		•	<i>f()</i> Filter	Prescribed Dr	ug Grouping ADQ U	Jsage 6	x /	% (		
4		•		5					OK Can	

- 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.

Column Fo	rmula									
"PU Values	s"."Prescribed	Drug Grouping Al	DQ Usage"							
							8			
										 11
f()	Filter	Column 🔻	Variable 🔻	+	-	x	/	%	(	

9. Select the 'Column' icon and 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'.

ew Calculat	ed Measure			?	×
Column Form	ula Bins				
	Folder Heading				
	Column Heading	ADQ per	TAR PU' 10		
		🗌 Conta	ns HTML/JavaScript/CSS Markup		
Aggregation	Rule (Totals Row)	Default	-		
Available			Column Formula		
Subject Ar	eas Reporting Fields	Q,	"PU <u>Values" "Prescribed</u> Drug Grouping ADQ Usage"/"PU <u>Values" "STAR</u> PU"		
	Patient				
		>			
		-	f() Filter Column ▼ Variable ▼ + - x / % ( )	II	1
•		•		Can	

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'

▲ Selected C	Columns					• ×
		and at at a				
e Period	England Prescribing Organisations	Reporting Fields	PU Values			
/ear Month 👸	Practice plus Code	📒 Items 🙀	📒 STAR PU 🙀	STAR PU Drug Grouping 🥸	Prescribed Drug Grouping ADQ Usage 🧔	🚪 ADQ per STAR PU' 🔅
						†↓ Sort
						fx Edit formula
Filters					3	🗤 Column Properties
-	onth is equal to / is in 202303					Filter
AND Commi	issioner / Provider plus Code is equal t			TH CUMBRIA ICB - 13T (13T00)		X Delete
AND T STAR P	U Drug Grouping is equal to / is in An	tibacterials I (BNF 5	.1)			💾 Save Column As

- 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.

Column Properties	4				0	×
<u>Style</u> Column Format	Data Format	Conditional Format	Interaction	Write Back		
Override Default	Data Format 5					
Treat Numbers As	Number	•				
Negative Format	Minus: -123	•				
Decimal Places	3 <b>•</b> 6					
	✔ Use 1000's Sep	arator		7		
			Save as De	fault 🔻 🛛 OK	Canc	el

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.

				-					
Time Period	England Prescribing Organisations			Rep	orting Fields	PU	PU Values		
Year Month 👸		Practice plus Code	Ö		ltems 🔅		STAR PU 👸	STAR PU Drug Grouping	
Filters									
	equal to	o/isin 202303							

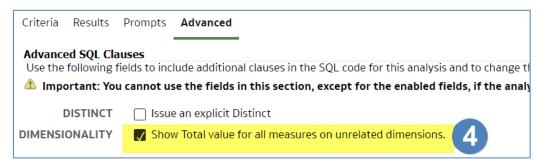
13. Expand the subject area and include the 'BNF Presentation plus Code' column in the analysis.

⊿ Selected Columns							
Time Period	England Prescribing Organisations	Drug / Appliance	Reporting Fields	PU Values			
Year Month 🔅	Practice plus Code	BNF Presentation plus Code 🔅	ltems 🔅	STAR PU 🔯	STAR PU Drug Grouping 🔅		
		2					

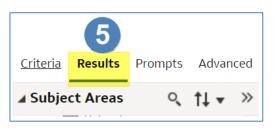
14. Select the 'Advanced' tab from the top left-hand corner of the analysis builder.



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,

Table					[A] 🚥 💉 🗡
Year Month	Practice plus Code	Items	STAR PU	STAR PU Drug Grouping	BNF Presentation plus Code
202303	NUMBER OF STREET, STREET,	1	1,408	Antibacterials I (BNF 5.1)	Phenoxymethylpenicillin 250mg/5ml oral solution (0501011P0AAAFAF)
202303	and wait of the ball of the desired of the	6	1,408	Antibacterials I (BNF 5.1)	Phenoxymethylpenicillin 250mg tablets (0501011P0AAAJAJ)
202303	and water and a second second	1	1,408	Antibacterials I (BNF 5.1)	Phenoxymethylpenicillin 250mg/5ml oral solution sugar free (0501011P0AAASAS)
202303	And the second state of a second state of the	2	1,408	Antibacterials I (BNF 5.1)	Flucloxacillin 250mg capsules (0501012G0AAAAAA)
202303	ACTIVATION AL PROPERTY (ACCESS)	10	1,408	Antibacterials I (BNF 5.1)	Flucloxacillin 500mg capsules (0501012G0AAABAB)
202303	And the state of the state of the state of	15	1,408	Antibacterials I (BNF 5.1)	Amoxicillin 500mg capsules (0501013B0AAABAB)
202303	ACTIVATION ACCESSION (INCOME)	2	1,408	Antibacterials I (BNF 5.1)	Amoxicillin 250mg/5ml oral suspension sugar free (0501013B0AAATAT)
202303	An example in the second spectrum	1	1,408	Antibacterials I (BNF 5.1)	Co-amoxiclav 250mg/62mg/5ml oral suspension sugar free (0501013K0AAAGAG)
202303	and the second second second second	3	1,408	Antibacterials I (BNF 5.1)	Cefalexin 250mg capsules (0501021L0AAAAAA)
202303	service and the service spectrum	1	1,408	Antibacterials I (BNF 5.1)	Cefalexin 500mg capsules (0501021L0AAABAB)
202303	AUDICIDED CO. PROCESSION	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 <u>ePACT2 user guides page</u>

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