# ePACT2 User Guide

# Using Patient Unit Measures (ASTRO/Standard/STAR PU) Columns

## **Contents**

Including ASTRO PU/Standard PU columns in an Analysis	1
Using PU Measures in a calculation	4
Creating a calculation	4
Amending the Data Format	8
Saving a column and re-using a saved column	10
Saving a column	10
Re-using a saved column	11
Including STAR PU columns in an analysis	12
Calculating the ADQ/DDD per STAR PU	17
Creating the Calculation	17
Amending the Data Format	20
Displaying drugs included in the Drug Grouping	22
Getting Help	24

### Including ASTRO PU/Standard PU columns in an Analysis

The Standard PU and ASTRO PU 2013 columns can be found in the following folder:



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 Items for each BNF Chapter and the 'ASTRO PU 2013 (Item) figure for each practice.

Untitled		н	ome Catalog Favorites 🔻	Dashboards 🔻	New 🔻 🔹 Open ୟ	▼ Signed In As Test User ▼
Criteria Results Prompts Advance	ed					
∡ Subject Ar… ् ↑↓ ▼ »	T 9.ª 1885					
ePACT 2	✓ Selected Colum	ns				۵ ×
Grganisation     Transform     Transfor	Time Period	HS England Prescribing Organisations HS Practice plus Code	Drug / Appliance	Reporting Fields		
Patient					1	
	⊿ Filters					₹ * >>
	Year Month is e	qual to / is in 201809 ner / Provider plus Code is equal to / is in	NEWCASTLE GATESHEAD CCG	(13T00) - 13T00		

 Expand the subject area to the location – Patient>List Size>PU Values, and select the PU Measures column required. In this example we'll use the ASTRO PU 2013 (Items)

Untitled		Home	Catalog Favorites 🔻 Dash	boards 🔻 👘 New	▼ Open ▼ Signed In As	Test U	ser 🔻
Criteria Results Prompts Advanced							0
🔺 Subject Areas 🔍 📬 🐨	<b>T</b> 🥂 1000						
ePACT 2	A Selected Colum	nns				۲	×
<ul> <li>Time Period</li> <li>Organisation</li> </ul>	Time Period	HS England Prescribing Organisa	ions Drug / Appliance	Reporting Fields	PU Values		
Drug / Appliance     Beporting Fields	Year Month 🎲	HS Practice plus Code	🔅 🔋 BNF Chapter plus Code 🔅	items 🔅	ASTRO PU 2013 (ITEM) 🎲	2	
▲ ■ Patient							
Age Band							
▲ ■ PU Values	⊿ Filters					<b>%</b>	>>
Image: Standard PU           Image: Standard PU	Year Month is	equal to / is in 201809 sioner / Provider plus Code is equal to	/ is in NEWCASTLE GATESHEAD CCC	G (13T00) - 13T00			
Age Range							
Patient Unit Name							
Standard PU, Astro PU and S							
<ul> <li>↓ int Qizo</li> <li>↓ Int Qizo</li> </ul>							

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



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

Advanced SQL C Use the following Important: You	<b>lauses</b> fields to include additional clauses in the SQL code for this analysis and to change the Subject Area or FROM clause. To add I <b>cannot use the fields in this section, except for the enabled fields, if the analysis includes hierarchical columns, membe</b>
DISTINCT	Issue an explicit Distinct
DIMENSIONALITY	Show Total value for all measures on unrelated dimensions.
FROM	Therefore the Subject Area
	or Enter a complex from clause for these criteria.

#### 5. Select 'Results'



#### 6. You results will then return to show 'ASTRO PU 2013 (ITEM)'

Table				[A] 🚾 🖋 🗙
Year Month	HS Practice plus Code	BNF Chapter plus Code	Items	ASTRO PU 2013 (ITEM)
201809	WREKENTON NEORCAL GROUP (405015)	Gastro-Intestinal System (01)	3,469	143,573
201809	WRENENTON NEORGAL GROUP (ASSISTED	Cardiovascular System (02)	9,386	143,573
201809	WHERE PETCH RECEIVED (MINUTE)	Respiratory System (03)	1,881	143,573
201809	WREKENTON NECICAL GROUP (485018)	Central Nervous System (04)	7,930	143,573
201809	WRENENTON NEORGAL GROUP (ASSISTED	Infections (05)	727	143,573
201809	WHERE WITCH BECKLAR CROLP (ABOTA)	Endocrine System (06)	2,602	143,573
201809	WREKENTON NEORCAL GROUP (4858118)	Obstetrics, Gynae+Urinary Tract Disorders (07)	757	143,573
201809	WRENENTON NEORGAL GROUP (ASSISTED	Malignant Disease & Immunosuppression (08)	92	143,573
004000		Nutrition And Dlood (00)	0.000	440 570

## **Using PU Measures in a calculation**

Once included in an analysis the column can now be used as part of a calculation

For the purposes of this guide we'll use the ASTRO PU 2013 (Item) column in the analysis created in the earlier section of the guide to show the number of items per 1000 ASTRO PUs

Due to the small number which would be returned by dividing items by the PU the figure is multiplied by 1000 to show more usable data

## **Creating a calculation**

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

≞ • ♂ •	🗟 🕶 🛃 🕑 🕼 🗸 📓	x () 🗄 🕂 🕾 🖬 🗹					
Compound Lay	rout 🔚 🚹						
Title					A		X
Table				[A]	XYZ		×
	mm						
Year Month	HS Practice plus Code	BNF Chapter plus Code	Items	ASTRO	PU 20	13 (II	rem)
201809	INVERTIGATION MEDICAL GROUP (ABIO'R)	Gastro-Intestinal System (01)	3,469			143	,573
201809	IVRENENTON MEDICAL GROUP (ABOVE)	Cardiovascular System (02)	9,386			143	,573

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

ew Calculated	Measure															0	×
Column Formula	Bins																
Fol	der Heading														2		
0010	introducing	Con	tains	HTML M	arkup												
Aggregation Rule	Totals Row)	Default			•												
Available			0	Column Fo	ormula												_
Subject Areas	Period hisation / Appliance rting Fields nt	Q	>														
				f()	Filter	Column	• V	ariable 🔻	+	•	x	1	%	(	)	Ш	
															OK	anc	

- 3. Select the 'Column' icon to open up the available columns to select from the analysis.
- 4. From the options available select 'Items'

New Calculated Measure													0	×
Column Formula Bins														
Folder Heading														
Column neading	Co	ntains H	TML Markup											
Aggregation Rule (Totals Row)	Default		•											
Available		Col	umn Formula											
Subject Areas	O,													
Patent     Patent     Patent		>												
			f() Fi	3 Column 🔻	Variable	•	-	x	1	%	(	)	Ш	
				Year Month										
				BNF Chapt	er plus Code							ок	Canc	el
	201809	VICT	1101100-04	Items		4 cal F	Product	s & Vac	cines (	14)	-	455	-	-
	201809	VIPE RE	NTON MILLION	ASTRO PU	2013 (ITEM)	sthesia (15						28		
	201809	VIRGIN	NTON INCOME	L CROWP PRINTIN	Othe	r Drugs And	l Prepa	rations	(19)			25		

5. The formula for the column will now be included in the 'New Calculated Measure' pane, Click at the end of the inserted column formula to ensure it's not highlighted.

New Calculated Measure	5
Column Formula Bins	-
Folder Heading Column Heading	
Aggregation Rule (Totals Row)	Contains HTML Markup Default
Available	Column Formula
Subject Areas  Gradient PACT 2  Time Period	"Reporting Fields"."Items"

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

Aggregation Rule (Totals Row) Default Available	Column Formula
Subject Areas Q Subject Areas Q ePACT 2 image: Time Period image: Regarisation image: Trug / Appliance image: Reporting Fields image: Reporting Field (Disperse	"Reporting Fields"."Items"
Reporting Fields (Dental	<i>f()</i> Filter Column ▼ Variable ▼ + - x / % ( )
	OK Cancel

7. Click at the end of the inserted divide symbol to ensure it is not highlighted.

🔲 Contai	ins HTML Markup	
Default	•	•
	Column Formula	
0	"Reporting Fields"."Items"	

8. Click the 'Column' icon on the task bar, from the available list of columns select 'ASTRO PU 2013 (Items)'

Co	ntains H1	ML Mar	kup			
Default			•			ి
	Colu	imn For	mula			
o,	"Re	porting I	Fields"."Item	IS"/		
spens Dental 🗸	f	()	Filter	Column	Year Month	+ Code
					BNF Chapter plus	Code
	201000	(A8560	9)		Items	
	201809	108 RA (A8560	WLING RO	AD(RAWLIN(	ASTRO PU 2013	(ITEM)

9. Click at the end of the inserted column formula to ensure it is not highlighted.



10. Enter the multiply symbol (x) from the task bar to the end of the column formula and then manually enter '1000'

Column Formula	10
"Reporting Fields"."Items"/"PU Values"."ASTRO PU 2013 (ITEM)"	
f() Filter Column ▼ Variable ▼ + - x / % (	)
l l l l l l l l l l l l l l l l l l l	



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

11. Amend the column heading to 'Items per 1000 ASTRO PUs 2013 (Item)', the column formula pane should appear as:

New Calculated Measure		
Column Formula Bins		
Folder Heading		
Column Heading	Items per 1	000 ASTRO PUs 201:
	Contair	ns HTML Markup
Aggregation Rule (Totals Row)	Default	-
Available		Column Formula
Subject Areas	0	"Reporting Fields"."Items"/"PU Values"."ASTRO PU 2013 (ITEM)"*1000
A 📋 ePACT 2	<b>A</b>	

12. 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.



 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 'Items per 1000 ASTRO PUs 2013 (Item)' column and select 'Column Properties'

⊿ Selected Columns								۲	×		
Prescribing Organisa	tions	Drug / Appliance	Rep	orting Fi	elds	PU Values	Reporting Fields				
Practice plus Code	¢	BNF Chapter plus Code 🅸	1	Items	₿	ASTRO PU 2013 (ITEM) 🅸	📒 Items per 1000	ASTR	O PUs 2	2013 (Item	n) 🛱
								↑↓	Sort		►
								fx	Edit forn	nula	
•						ш	2	XYZ	Column	Propertie	s
∡ Filters								To	Filter	Column	n Prope
Year Month is	equal	to/is in 201809						×	Delete		
AND THS Commissioner / Provider plus Code is equal to / is in NEWCASTLE GATESHEAD CCG (13T00)								Save Co	lumn As		

- 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 '2'
- 6. Select OK to apply the changes

Column Properties		0:
Style Column Format	Data Format Conditional Format Interaction	
Verride Default Dat	a Format 🖑 3	
trea 4 ers As	umber 🔻	
Negative Format	linus: -123 🔹	
Decimal Places		
		OK Cance
Year Month is equal	o / is in 201809 6	6

Untitled			Home Catalog Favorites 🔻	Dashboards 🔻	New 🔻 🕚 O	pen 👻 🔹 Signed In As Test Us	ser 🔻
Criteria Results Prompts Advanced							0
∡ Subject Heas 7 < ↑↓ ▼ 😹 🚱		• 🗟 • 📾 • 📾 •	<b></b>	e II 🥬			
a 📑 ePACT 2	Compound La	iyout					
Time Period	Title					(A) 💉 🗙	Â
Organisation     Trug / Appliance     Encorting Fields	Table					(A) 🔤 🖋 🗙	
Patient	Year Month	HS Practice plus Code	BNF Chapter plus Code	Items	ASTRO PU 2013 (ITEM)	Items per 1000 ASTRO PUs 2013 (Item)	
	201809	INTERESTON MEDICAL GROUP (ABOYD)	Gastro-Intestinal System (01)	3,469	143,573	24.16	=
	201809	INVERSIMATION MEDICAL OPPOUR (ARROW)	Cardiovascular System (02)	9,386	143,573	65.37	
	201809	WREKENTON MEDICAL GROUP (ABO10)	Respiratory System (03)	1,881	143,573	13.10	
	201809	INREVENTION MEDICAL GROUP (ABOYE)	Central Nervous System (04)	7,930	143,573	55.23	
∡ Catalog → 🐘 🖉 😔	201809	INVERSIMATION MEDICAL OPERATIV (ARROW)	Infections (05)	727	143,573	5.06	

#### 7. Select 'Results' to see the final data

## Saving a column and re-using a saved column

Once the calculated column has been created it is possible to save this column to be re-used in multiple analyses

## Saving a column

 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 'Items per 1000 ASTRO PUs 2013 (Item)' column and select 'Save Column As'

▲ Selected Columns								
Prescribing Organisa	tions	Drug / Appliance	Reporting Fields	PU Values	Reporting Fields			
Practice plus Code 🎄 🚦 BNF Chapter plus Code 🅸 🚦 Items 🎄 🚦 ASTRO PU 2013 (ITEM) 🅸 🚦 Items per 1000						ASTRO PUs 2013 (Item) 🔅		
	†↓ Sort ►							
						fx Edit formula		
•				III		MZ Column Properties		
∡ Filters						Filter		
Year Month is	equal	to/is in 201809				🗙 Delete		
AND HS Commiss	AND HS Commissioner / Provider plus Code is equal to / is in NEWCASTLE GATESHEAD CCG (13T00)							

- 2. The 'Save As' pane will open
- 3. Select the folder you wish to save the column in
- 4. Name the column appropriately
- 5. Select 'Ok' to confirm selections and save the column

Save As			@ ×
Folders	Ē: 💌	Save In	
/My Fole	ders//ePACT 2	/My Folders/Subject Area Contents/ePACT 2 🔻 📷 🖬 🖛	2
	JePACT 2		
		Namo	
		Items per 1000 ASTRO PUs 2013 (Item)	
		Descrit 4	
Save special obj	ects like Filters a	and Members from quick access folders view to guarantee proper ca	talog placemer
			OK Cancel
			h

6. The column icon will be updated to indicate it is a saved column

			O %
	Reporting Fields	PU Values	Reporting Fields
₽	🚦 Items 🔅	ASTRO PU 2013 (ITEM) 🅸	🛃 Items per 1000 ASTRO PUs 2013 (Item) 🅸
		m	6
			<b>▼</b>
VCAS	TLE GATESHEAD C	CG (13T00)	

## **Re-using a saved column**

1. Locate the saved column within the 'Catalog' area of the analysis builder

Criteria Results Prompts Advance	d						Ż	0
🛛 Subject Ar 🔍 🏦 🗸 🚿	T 🗹 🔤							
ePACT 2     ime Period	✓ Selected Colum	ns				0	D %	t
Organisation	Time Period	HS England Prescribing Organisations	Drug / Appliance	Reporting Fields	PU Values			
Drug / Appliance	👔 Year Month 🔅	HS Practice plus Code 🔅	🚦 BNF Chapter plus Code 🔅	Items 🚯	🚦 ASTRO PU 2013 (ITEM) 🔅			
Reporting Fields     Patient								
🔺 Catalog 🛛 🔿 🐘 🥒 »	⊿ Filters					<b>T</b> o 7	ž ×	>
List All  My Folders  My Folders  Subject Area Contents  Def PACT 2	Year Month is e	qual to / is in 201809 oner / Provider plus Code is equal to / is in	NEWCASTLE GATESHEAD CCG (	(13T00)				
Shared Folders	1							

2. The column can now be selected in the same way as columns from the subject area. Double click or click and drag the column into the 'Selected Columns' section

				rtop	orang rielus	FO values	Reporting Fields		
ŀ	HS Practice plus Code	¢	🚦 BNF Chapter plus Code 🅸	1	Items 🔅	ASTRO PU 2013 (ITEM) 🅸	其 Items per 1000 ASTRO PUs 2	2013 (It	em)
						III			
Filter	rs							Ø	ś

## **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.

Untitled	Home Catalog Favorites ▼ Dashboards ▼ New ▼	Open 🔻
Criteria Results Prompts Advanced		
🛛 Subject Areas 🛛 🔍 🏦 🗸	5 <b>5 7 2 m</b>	
A Patient	A Selected Columns	
Age Band		
🖌 🚞 List Size	Time Period HS England Prescribing Organisations Reporting Fields	
PU Values	👔 Year Month 🔅 👔 HS Practice plus Code 🔅 🚦 Items 🏟	
Standard PU		
ASTRO PU 2013 (ITE	M)	
ASTRO PU 2013 (CO	ST)	
STAR PU	Filters	
STAR PU Drug Group	ing	
Prescribed Drug Grou	Iping TYear Month is equal to / is in 201809	
Prescribed Drug Grou		
Age Range		
Prescribing / Dispensing	List	
Patient Unit Name		
Standard PU, Astro PU and	nd S	
List Size		
Dispensing List Size		
Dressarihina List Cire	* h	

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





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

selected Colum	nns									(	
ime Period	HS Er	gland Prescribing Organisa	ations	Repo	orting Fi	elds	PU Values				
Year Month 🔅		HS Practice plus Code	¢		Items	₽	📒 STAR PU 🔅	STAR PU Drug Grouping	g 🌣		
									t↓	Sort	Þ
									fx	Edit formula	
									xyz	Column Properties	3
ilters								3	xyz	Column Properties	6
TYear Month is	equal to	/is in 201809						3	xyz Te	Column Properties Filter Delete	s F

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 highlight in blue the therapeutic group you require
- 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		@ >
Available Name Starts Search Match Case	Selected Antibacterials I (BNF 5.1)	8
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)		
Bisphosphonates and other drugs (BNF 6.6.2)	• OK Cancel	OK 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 Columnation		۲	*					
Time Period	HS England Prescribing Organisati	ons R	eporting Fields	PU Values				
Year Month 🎲	HS Practice plus Code	\$	Items 🔅	STAR PU 🏠	STAR PU Drug Grouping 🏟			
⊿ Filters						6	××	»

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

le				[A] 💉 🗙
able				[A] 🚾 🖋 🗙
Year Month	HS Practice plus Code	Items	STAR PU	STAR PU Drug Grouping
201810	ISTRACTOR ADDRESS ADDRESS ADDRESS	60	889	Antibacterials I (BNF 5.1)
201810	ABAD BOL PACING YORK	73	1,493	Antibacterials I (BNF 5.1)
201810	NUMBER OF STREET, STORE (STREET,	235	2,565	Antibacterials I (BNF 5.1)
201810	141 142 PAR 14 14 14 14 14 14 14 14 14 14 14 14 14	558	4,710	Antibacterials I (BNF 5.1)
201810	EDENENEL INCIDENES	186	2,405	Antibacterials I (BNF 5.1)
201810	ISTO ADR. DISDOL ORDIF VALUE	535	5,815	Antibacterials I (BNF 5.1)
201810	structure builds website	249	3,309	Antibacterials I (BNF 5.1)
201810	statement state property.	438	5,112	Antibacterials I (BNF 5.1)
201810	sector denses sector patients	664	9,327	Antibacterials I (BNF 5.1)
201810	BLACCHIP SCHRACTER PERMA	88	1,039	Antibacterials I (BNF 5.1)
201810	INCOMING NECKS, CENTRE VANESS	132	1,391	Antibacterials I (BNF 5.1)
201810	stration to possible	238	3,023	Antibacterials I (BNF 5.1)
201810	CONTRACTOR OF STREET, MARCH	460	5,653	Antibacterials I (BNF 5.1)
201810	Including the second second second	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	Will show the ADQ usage for the drug grouping
ADQ Usage	selected
2) Prescribing Drug Grouping	Will show the DDD usage for the drug grouping
DDD Usage	selected

## **Creating the Calculation**

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

✓ Selected Colum	🛛 Selected Columns 🛞 🐐									
Time Period	HS England Prescribing Organisations	Reporting Fields	ields PU Values							
Year Month 🔅	HS Practice plus Code 🌼	🚦 Items 🔅	STAR PU 🏠	STAR PU Drug Grouping 🏟	🚪 Prescribed Drug Grouping ADQ Usage 🌼					
∡ Filters					1	>>				
Year Month is AND HS Commissi AND STAR PU Drug	equal to / is in 201810 ioner / Provider plus Code is equal to / is ir g Grouping is equal to / is in Antibacterials	NEWCASTLE GATE I (BNF 5.1)	ESHEAD CCG (13T	)0) - 13T00						

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



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

<b>▲ • ☆ • • • • • • •</b> • • • • • • • • • •			e e] 🥖			
Compound Layout	<b>b</b> 3					
Title					[A]	<b>×</b>
Table				[A]	STZ 💉	×
Year Month HS Practice plus Code	Items	STAR PU S	STAR PU Drug Grouping	Prescribed Drug Group	ing ADQ l	lsage

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

New Calculated	Measure													0	×
Column Formula	Bins														
Fol Colu Aggregation Rule	lder Heading Imn Heading (Totals Row)	Co Default	ntain	s HTML M	arkup T		4								
Available		0		Column F	ormula										٦
PACT 2     Patient     Patient	Period nisation / Appliance rting Fields nt		>												
			J	Π()	Filter	Column	<ul> <li>Variable</li> </ul>	e •   ·	•   •	×	1	 (		<u> </u>	
													ОК	Canc	el

- 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 Measur	•		0 >
Column Formula Bins			
Folder Head	ing		
Column Head	Contains HTML Markup		
iggregation Rule (Totals Ro	w) Default 🔻		
vailable	Column Formula		
image envolt 2     image envolt 2     image from the second	ta Dim a a a a a a a b a a a a a a a a a a a a a	Variable V + x // Warktoon H45 Practice plus Code	2   5   ( )   1
	-	Items	OK Cance
201810 CHAINBRI	OGE MEDICAL PARTNERSHIP (A85010)	STAR PU	5
201810 CHOPWEL	L PRIMARY HEALTHCARE CENTRE (A85024)	STAR PU Drug Grouping	
201810 CRAWCRO	IOK MEDICAL CENTRE (A85014)	Prescribed Drug Grouping ADQ Usage	3.
		J20 J,004.00 Antoacienais (UNI - 0.1)	3,

- 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**

12. Select the 'Criteria' Tab from the top of the page.



13. 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'

✓ Selected Columns							Œ	× (
IS England Prescribing Organ	sations	Reporting	Fields	PU Values				
HS Practice plus Code	¢	lterr	ns 🌣	🚦 STAR PU 🎲	STAR PU Drug Grouping 🏟	🚪 Prescribed Drug Grouping ADQ Usage 🄯	ADQ per STAR F	PU ∰
							†↓ Sort	•
							fx Edit formula	
•					III	2	Column Properti	ies 👌
⊿ Filters							6 Filter	-
Year Month is equal to	/isin 20	01810					🗙 Delete	
AND HS Commissioner / F AND STAR PU Drug Group	rovider p ing is equ	lus Code is ial to / is in :	equal to Antibacte	/ is in NEWCASTLE erials I (BNF 5.1)	E GATESHEAD CCG (13T00)		💾 Save Column As	3

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

Column Prope	rties	0	×
Style Column	Format Data Format Conditional Format Interaction afault Data Format 3 ars As Number ormat Minus: -123 Maces 3 Ume 10 5 aparator		
qual to / is in 2018 oner / Provider plus	10 Code is equal to / is in NEWCASTLE GATESHEAD CCG (13T00)	ок Cano	el

Criteria <b>Results</b> Prompts	Advanced								
subjec 🖞 🔿	<b>□</b> ▼ ♂▼	16 k - 6 9 ⊠ lk - 5 18 R		e, t	je og i 🖉				
a 🔋 ePACT 2	Compound Lay	out							
a la recevar	Title						[A]		×
A DE DESERVICE	Table						[A] 892		×
in the long france									
in the residence with	Year Month	HS Practice plus Code	Items	STAR PU	STAR PU Drug Grouping	Prescribed Drug Grouping ADQ Usage	ADQ per PU	STAR	1
a de montaux-	201810	HE INVESTIGATION AND INCOMENDATION	60	888.90	Antibacterials I (BNF 5.1)	669.50		0.	753
· Britschauth	201810	ACTUAL RESIDA, PROTOCO ARTON	73	1,493.10	Antibacterials I (BNF 5.1)	1,069.50		0.3	716
a de hopprese	201810	BRACK BARRIER CRIMINAL CRIMINAL	235	2,565.00	Antibacterials I (BNF 5.1)	2,654.92		1.0	035
in the finitest	201810	BARLING RECORDER OF A DECK	558	4,709.90	Antibacterials I (BNF 5.1)	5,912.42		1.3	255
	201810	BORN BARRARY ROOM	186	2,404.70	Antibacterials I (BNF 5.1)	2,196.33		0.9	913
			505	F 0 4 4 70		5 707 05			

#### 18. Select 'Results' 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

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

Selected Column Selected Column	ns				<b>O</b> 3
Time Period	HS England Prescribing Organisations	Reporting Fields	PU Values		
Year Month 🔅	HS Practice plus Code 🌼	Items 🔅	🚦 STAR PU 🏠	STAR PU Drug Grouping 🎡	
∡ Filters					۳ ۲۰
Year Month is AND HS Commission AND STAR PU Drug	equal to / is in 201810 oner / Provider plus Code is equal to / is in g Grouping is equal to / is in Antibacterial	NEWCASTLE GAT I (BNF 5.1)	ESHEAD CCG (13TC	0)	lo x

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

Time Period	HS England Prescribing Organisation	s Drug / Appliance	Reporting Fields	PU Values	
Year Month 🔅	HS Practice plus Code	BNF Presentation plus Code 🔅	Items 🔅	STAR PU 🔅	STAR PU Drug Grouping
and the second sys			alle she		
		2			

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



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

Use the following t	fields to include additional clauses in the SQL code for this analysis and to change the Subject Area or FROM clause. To ad cannot use the fields in this section, except for the enabled fields, if the analysis includes hierarchical columns, memb			
DISTINCT	Issue an explicit Distinct			
DIMENSIONALITY	Show Total value for all measures on unrelated dimensions.			
FROM	Inter the 4 of the Subject Area "ePACT 2			
	or Enter a complex from clause for these criteria.			

#### 5. Select 'Results'



6. You results will then return to show individual BNF Presentation included in the drug grouping

Compound Layout							
Title					[A] 💉 🗙		
Table	Table [ A] 🔯 🖌 🗙						
Year Month	HS Practice plus Code	BNF Presentation plus Code	Items	STAR PU	STAR PU Drug Grouping		
201810	THE REPORT OF A DESCRIPTION OF A DESCRIP	Phenoxymethylpenicillin Pot_Tab 250mg (0501011P0AAAJAJ)	1	888.90	Antibacterials I (BNF 5.1)		
201810	6	Fluclox Sod_Cap 500mg (0501012G0AAABAB)	2	888.90	Antibacterials I (BNF 5.1)		
201810	COMPANY OF THE POST OF THE POS	Amoxicillin_Cap 250mg (0501013B0AAAAAA)	1	888.90	Antibacterials I (BNF 5.1)		
201810	CERTIFICATION AND ADDRESS OF THE TAXES	Amoxicillin_Cap 500mg (0501013B0AAABAB)	16	888.90	Antibacterials I (BNF 5.1)		
201810	TREASURE REPORT AND A DECEMPTION OF TRACTICE	Amoxicillin_Oral Susp 125mg/5ml S/F (0501013B0AAASAS)	6	888.90	Antibacterials I (BNF 5.1)		
201810	THE REPORT OF A DESCRIPTION OF A DESCRIP	Amoxicillin_Oral Susp 250mg/5ml S/F (0501013B0AAATAT)	3	888.90	Antibacterials I (BNF 5.1)		
201810	CONTRACTOR CONTRACTOR AND ADDRESS OF ADDRESS	Co-Amoxiclav_Susp 125mg/31mg/5ml S/F (0501013K0AAADAD)	1	888.90	Antibacterials I (BNF 5.1)		

## **Getting Help**



#### 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: <u>Additional User Guides</u>

#### WebEx sessions

WebEx will be provided on a number of different topics and features. More information about these can be found here: <u>WebEx Training</u>