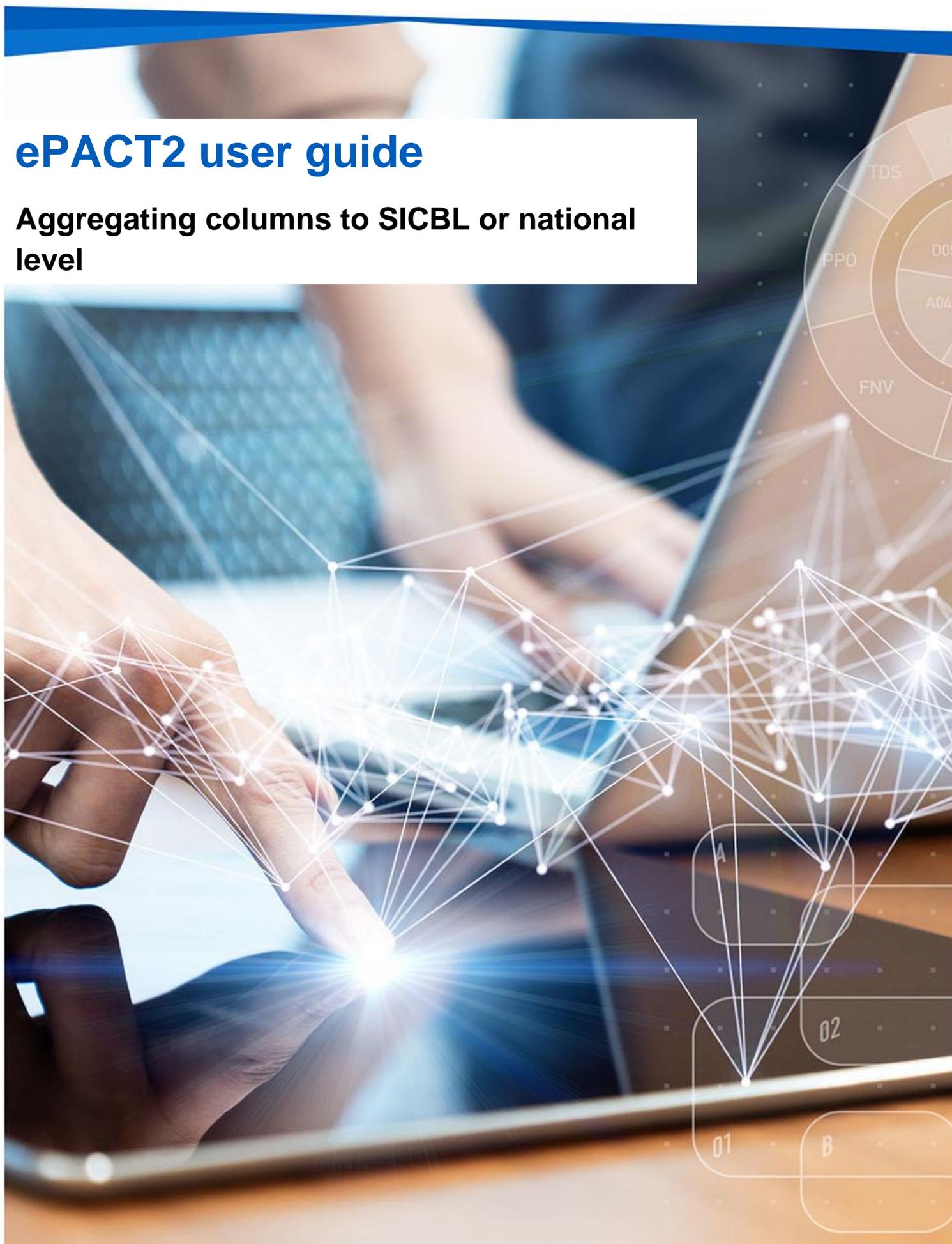


## ePACT2 user guide

Aggregating columns to SICBL or national level



## **[Interactive Contents](#)**

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## Aggregating Columns

It is possible to aggregate columns within ePACT2, this enables you to show different levels of data within the same report.

In the following example we will show how to aggregate data up to SICB level or National level.

For this you will need one of the following formulas, depending on the level you want to aggregate to:



### SICB level formula:

AT "England Prescribing Organisations"."Prescribing Organisation"."Commissioner / Provider Level"



### National level formula:

AT "England Prescribing Organisations"."Prescribing Organisation"."Country Level"

1. Set up your analysis, in this example we are bringing the data back at practice level for NHS North East and North Cumbria ICB (13T00) and bringing back Items for BNF Chapter 5.

**Selected Columns**

Time Period	England Prescribing Organisations	Reporting Fields		
Year Month	Practice plus Code	Items	Items	Items

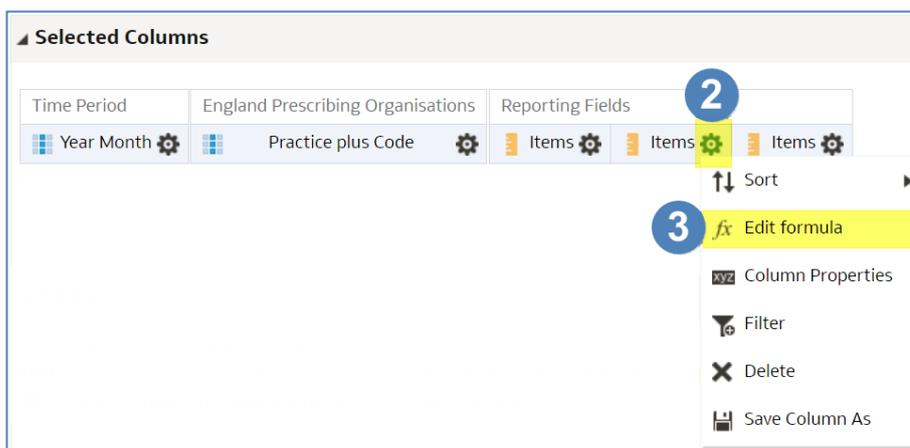
**Filters**

- Year Month is equal to / is in 202303
- AND** Commissioner / Provider is equal to / is in NHS NORTH EAST AND NORTH CUMBRIA ICB - 13T - 13T00
- AND** BNF Chapter plus Code is equal to / is in Infections (05)

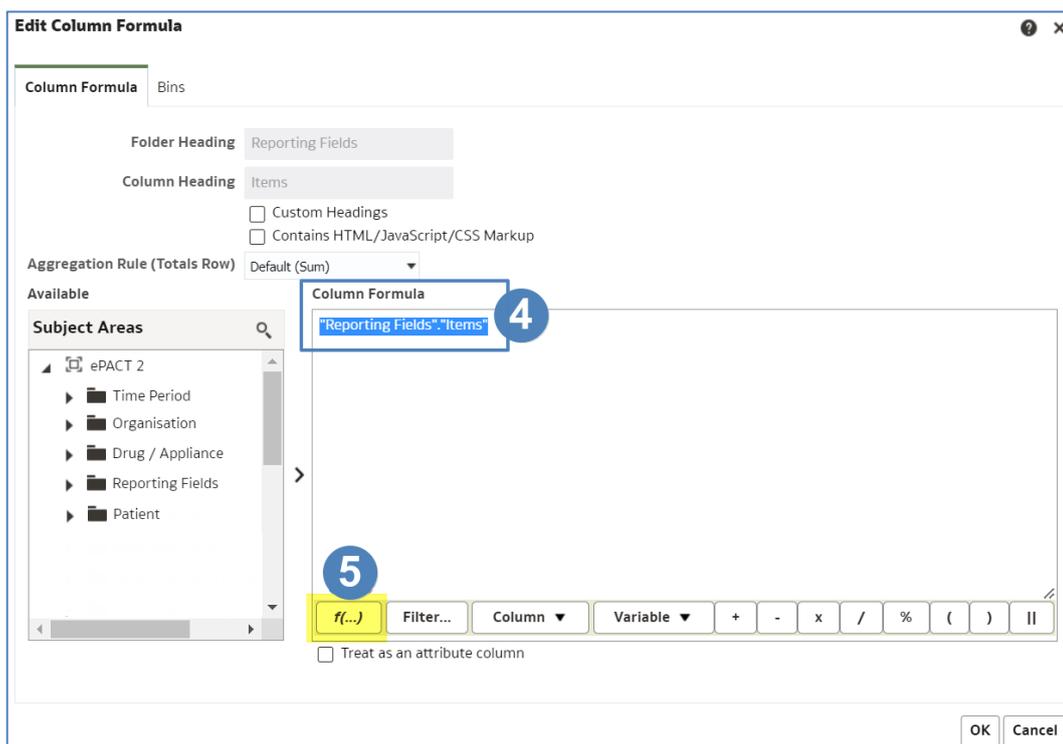


You will notice we have included 3 items columns; this is because we are going to aggregate two of the columns, one to show SICBL items and the other to show National Items.

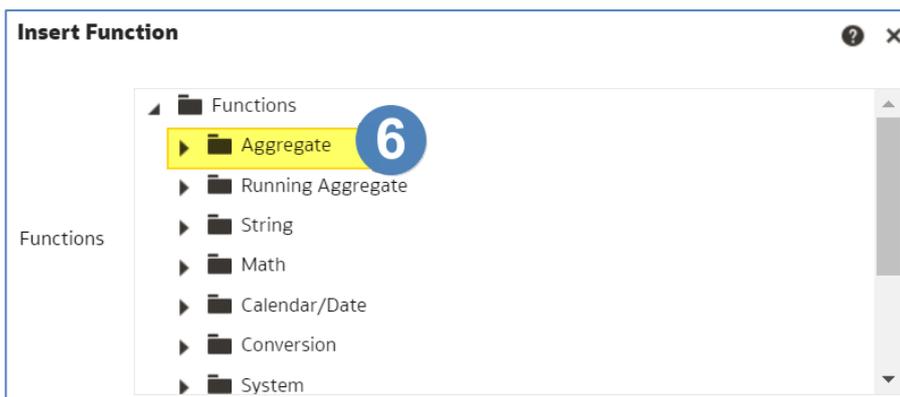
2. Select the Cog icon on a column you want to aggregate.
3. Select 'Edit formula'.



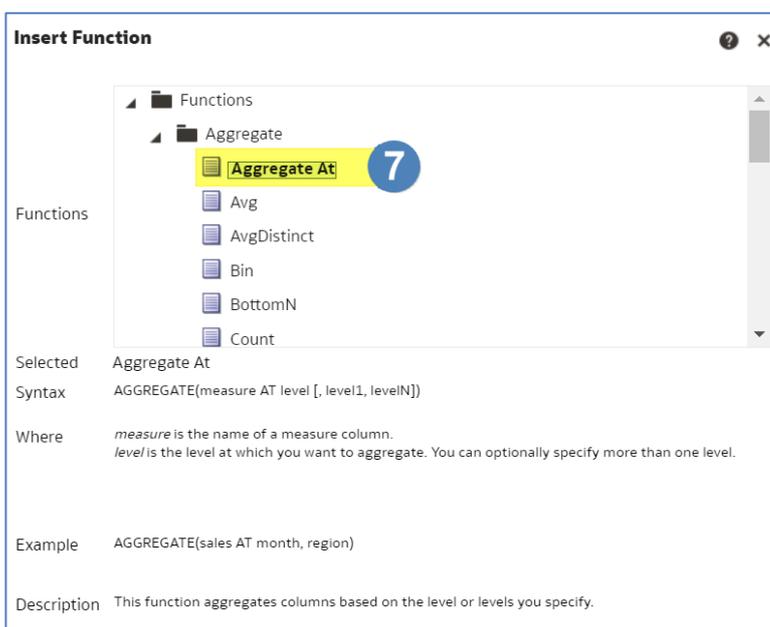
4. Ensure the 'Column Formula' is highlighted.
5. Select the 'Insert Function' icon.



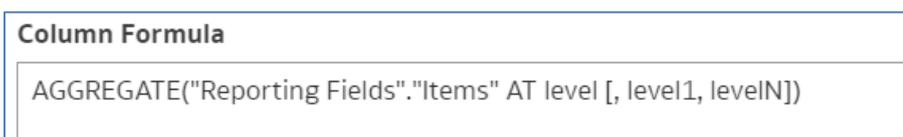
6. Select the drop-down arrow to open the 'Aggregate' folder.



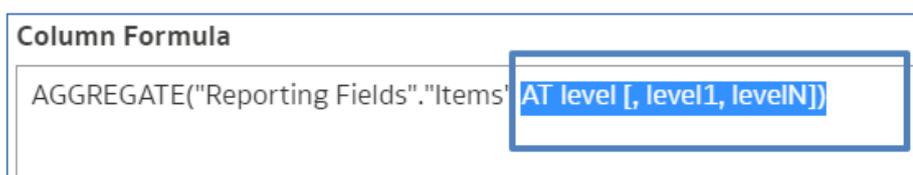
7. Select 'Aggregate At' by double clicking the function icon.



8. The column formula will now update as per the image below.



9. Highlight the following in the column formula.





The part we have highlighted is the section of the formula the system will look at to decide what level the column will be aggregated to.

10. Depending on the level you want to aggregate the column to and whether you are using HS England or England prescribing organisation columns, copy either the SICB level formula or the National level formula from below:



HS England Prescribing Organisations SICB level formula:

AT "HS England Prescribing Organisations"."Prescribing Organisation"."Commissioner / Provider Level")



England Prescribing Organisation SICB level formula:

AT "England Prescribing Organisations"."Prescribing Organisation"."Commissioner / Provider Level")



England Prescribing Organisations National level formula:

AT "England Prescribing Organisations"."Prescribing Organisation"."Country Level")



HS England Prescribing Organisations National level formula:

AT "HS England Prescribing Organisations"."Prescribing Organisation"."Country Level")

11. Paste the copied formula into the highlighted section of the column formula pane, the formula in your column should now look similar to the example below:

Column Formula

```
AGGREGATE("Reporting Fields"."Items" AT "HS England Prescribing Organisations"."Prescribing Organisation"."Commissioner / Provider Level")
```



The column is now saying aggregate 'Items' to 'Commissioner / Provider Level'.

- Select the 'Customer Headings' check box to enable you to give the column an appropriate name.

Column Formula Bins

Folder Heading Reporting Fields

Column Heading Items

Custom Headings **12**

Contains HTML/JavaScript/CSS Markup

- Name the column using the 'Column Heading' box.

Column Formula Bins

Folder Heading Reporting Fields

Column Heading Comm / Provider Item **13**

Custom Headings

Contains HTML/JavaScript/CSS Markup

- Select 'OK' to create your new column.

**Edit Column Formula**

Column Formula Bins

Folder Heading Reporting Fields

Column Heading Comm / Provider Item

Custom Headings

Contains HTML/JavaScript/CSS Markup

Aggregation Rule (Totals Row) Default (Sum)

Available

**Subject Areas**

- ePACT 2
  - Time Period
  - Organisation
  - Drug / Appliance
  - Reporting Fields
  - Patient

**Column Formula**

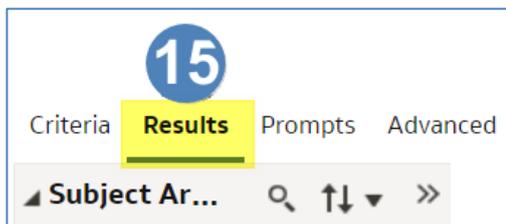
AGGREGATE("Reporting Fields"."Items" AT "HS England Prescribing Organisations"."Prescribing Organisation"."Commissioner / Provider Level")

f(...) Filter... Column Variable + - x / % ( ) ||

Treat as an attribute column

**14** OK Cancel

15. Once you have completed your aggregated columns select 'Results' to generate your report.



16. Your report will look similar to the example below:

Year Month	Practice plus Code	Items	Comm / Provider Item	Country Items
202303	[blurred]	112	32,481	3,917,617
202303	[blurred]	316	32,481	3,917,617
202303	[blurred]	654	32,481	3,917,617
202303	[blurred]	250	32,481	3,917,617
202303	[blurred]	857	32,481	3,917,617
202303	[blurred]	415	32,481	3,917,617
202303	[blurred]	597	32,481	3,917,617
202303	[blurred]	783	32,481	3,917,617
202303	[blurred]	296	32,481	3,917,617
202303	[blurred]	553	32,481	3,917,617
202303	[blurred]	605	32,481	3,917,617
202303	[blurred]	150	32,481	3,917,617
202303	[blurred]	1,122	32,481	3,917,617

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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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