AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE

AURA Antimicrobial Use and Resistance in Australia

Queensland Government

D24-53267

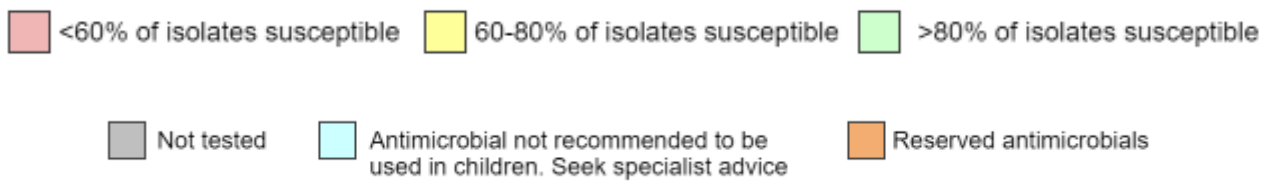
OrgTRx User Guide

Dashboard Colour Customisation

Background

The colours currently displayed in OrgTRx with regards to percentage susceptible have been agreed upon by the Australian Passive AMR Surveillance (APAS) User Advisory Group (UAG) and are displayed as below. Users from specific jurisdictions may want to change these colours for their antibiograms and this document is designed to outline how this can be completed. This Standard Operating Procedure (SOP) will guide users how to:

- Customise the background colours that are preset in formatted antibiograms
- Update antibiograms to blank out the numbers in percentage susceptible
- Release antimicrobial percentage susceptible numbers that are hidden under “not tested”
- Save and export customised antibiograms.

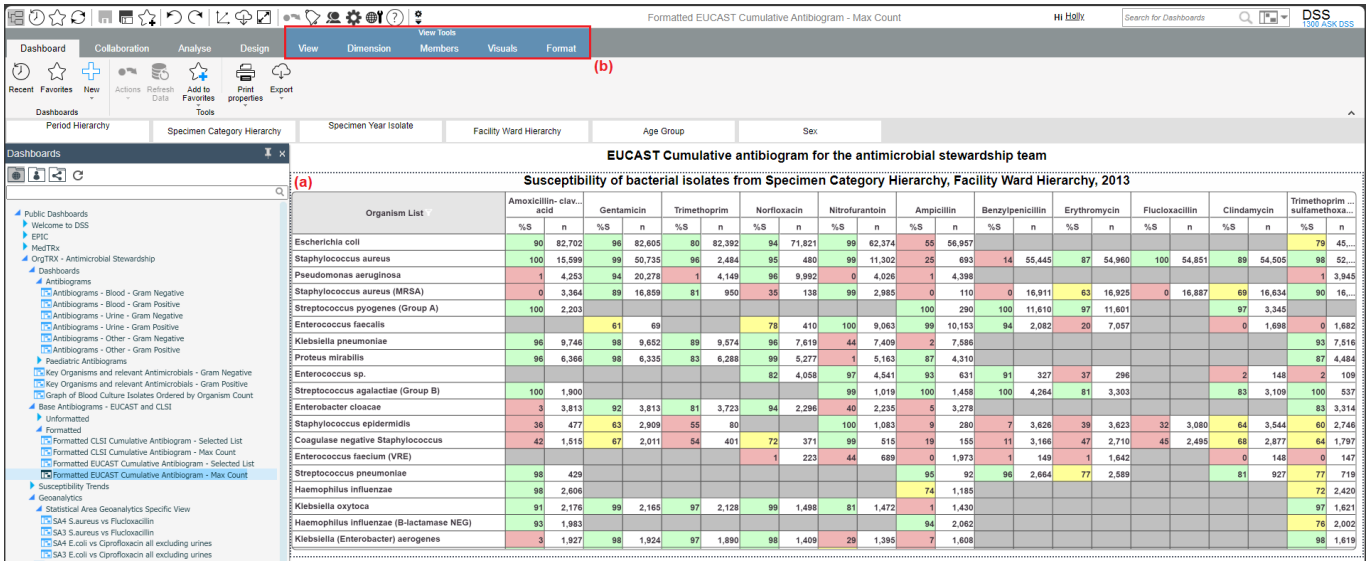


Method

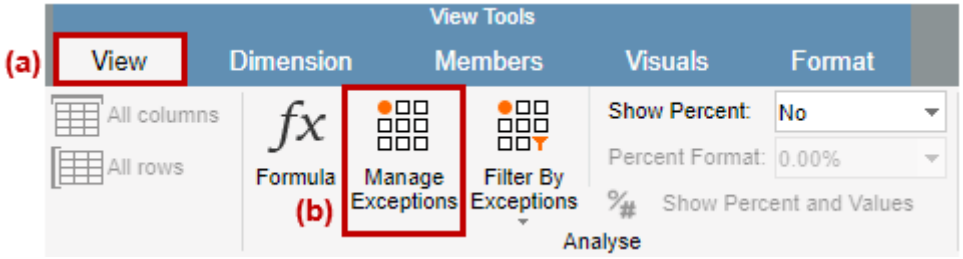
These changes require a formatted antibiogram displaying the susceptible percentage colour coding. Once a user has the dashboard opened which they wish to update (e.g. Formatted EUCAST Cumulative Antibiogram – Max count or Antibiograms – Blood – Gram Negative), they can follow the steps listed to customise their antibiograms.

Customise the preset background colours that are in formatted antibiograms

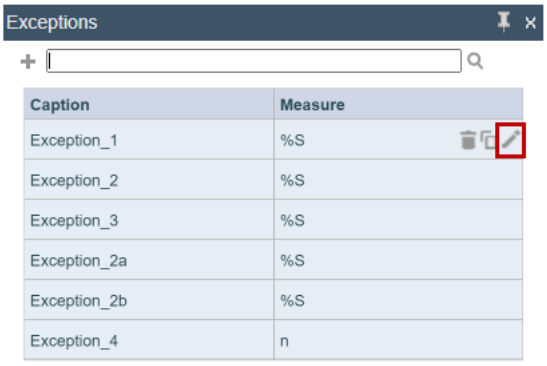
1. Left click on the antibiogram (a). The “View tools” bar (b) at the top of the screen will appear.



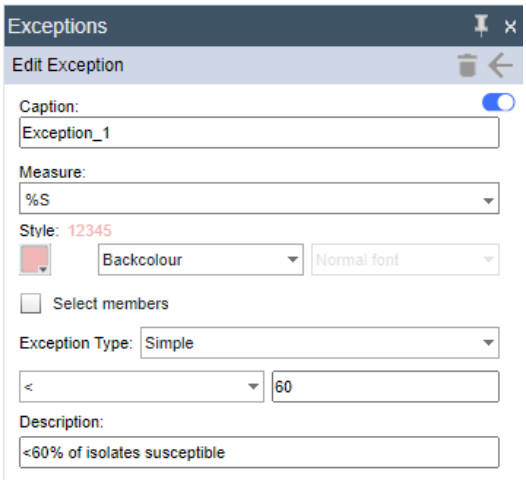
2. Click “View” (a) and then “Manage Exceptions” (b).



3. This will bring up the “Exceptions” tab on the left of the screen. By hovering over the “Measures” side of the table for each of these Exceptions listed, you can select the pencil symbol to “Edit”.



4. For each exception, there will be a description of when the exception will flag and what colour it will flag as. An example of an exception is any of the percentage susceptible colour coding. By changing the colour under Style and accepting the change by clicking “Apply”, the update will be applied to the antibiogram.



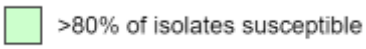
Note: Care must be taken when updating the colours as any further changes (including reversal of changes) is a manual process as the undo arrow doesn’t function in this scenario. The current preset colours are as listed:

Colour	Description	HEX code
	<60% of isolates susceptible	#f0b5b5
	60-80% of isolates susceptible	#ffff99
	>80% of isolates susceptible	#ccffcc
	Not tested	#bfbfbf
	Antimicrobial not recommended to be used in children. Seek specialist advice	#ccffff
	Reserved antimicrobials	#f4ad71

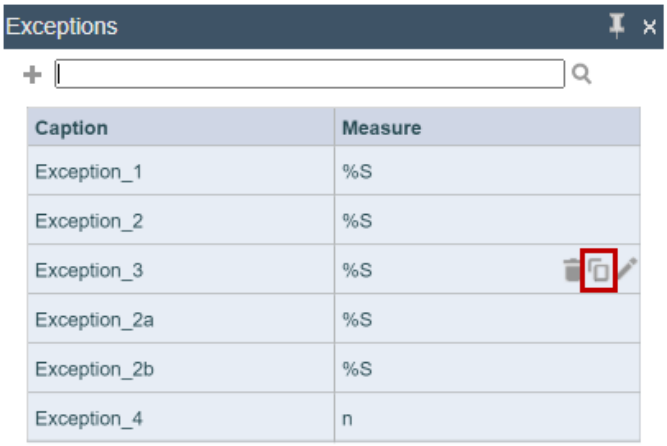
Update antibiograms to blank out the numbers in percentage susceptible

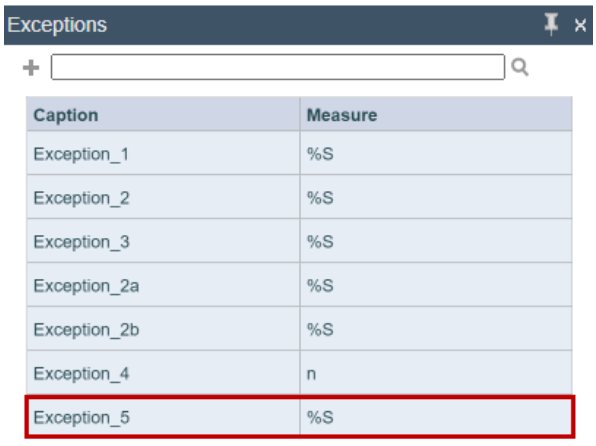
There have been requests to remove the percentage susceptible value listed. In OrgTRx, the logic dictates that we cannot remove the number, but we can make it the same colour as the background, therefore erasing it.

1. By selecting the same pencil tool “Edit”, you can find the appropriate susceptible category you wish to change. For this example, we will change the green “>80% of isolates susceptible” category which is attached to “Exception_3” in this case.

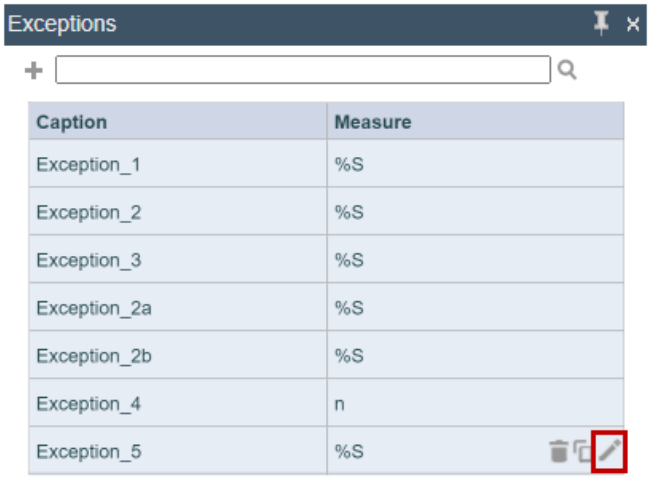


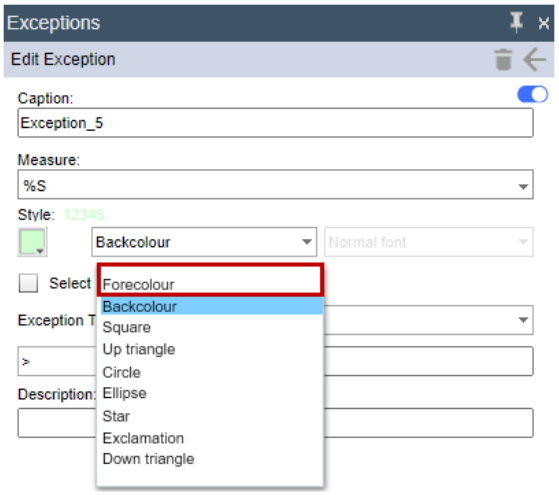
2. Next to “Exception_3”, select the clone button as below. This will create a new exception which is a copy to the previous. In this case, the new exception is automatically named “Exception_5”.





3. Edit the new “Exception_5”. It will still have the same colour and rule basis as the previous exception, but by changing the “Backcolour” to “Forecolour” will make the font the same colour as the background, essentially erasing it.





Before

Organism	Ampicillin		Augmentin		Amoxicillin- clavula... acid (Urine)		Amoxicillin		Cefazolin*	
	%S	n	%S	n	%S	n	%S	n	%S	n
Escherichia coli	43	383	76	471	90	72	44	133	83	315
Klebsiella pneumoniae			87	107			0	38	86	65

After

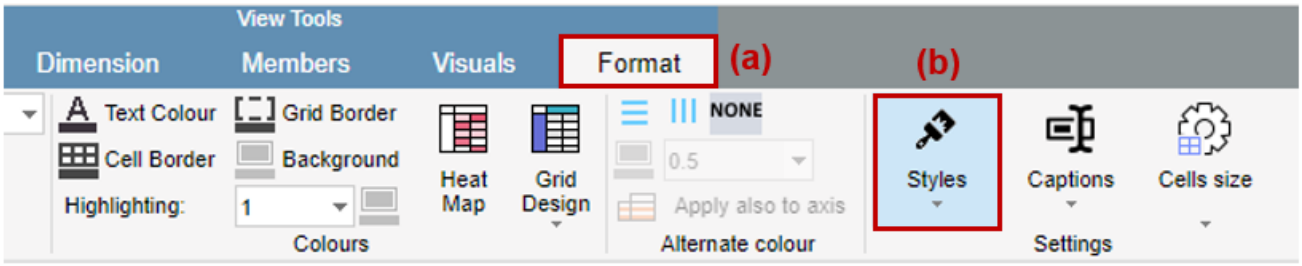
Organism	Ampicillin		Augmentin		Amoxicillin- clavulan... acid (Urine)		Amoxicillin		Cefazolin*	
	%S	n	%S	n	%S	n	%S	n	%S	n
Escherichia coli	43	383	76	471		72	44	133		315
Klebsiella pneumoniae				107			0	38		65

Steps 1 – 3 will have to be repeated to remove the digit in the percentage susceptibility (%S) for the remaining exceptions (yellow and red categories).

Release antimicrobial percentage susceptible numbers that are hidden under "not tested"

Some sites may wish to release and view the susceptible percentage which have been greyed out for the national antibiogram dashboards, found under *Dashboards* > *Antibiograms.* This update can be performed by following the below methodology:

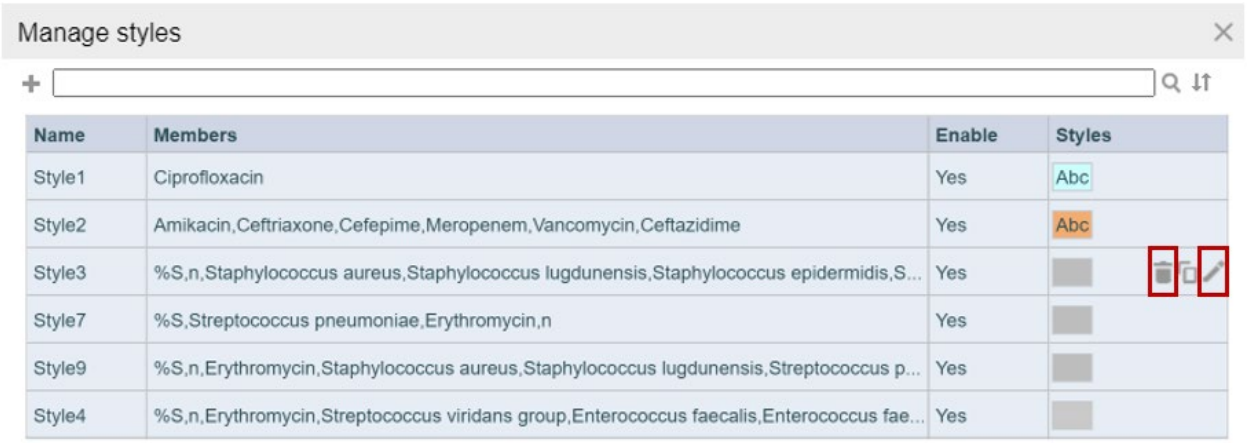
1. The other custom colour function that is offered through OrgTRx is through *View Tools* > *Format* > *Styles* – as below.



2. This thread pulls up the "Manage styles" options where you can customise the grey "Not tested", blue "Antimicrobial not recommended to be used in children. Seek specialist advice" and orange "Reserved antimicrobials" options.

3. Similar to the previous steps to "Manage exceptions", "Manage styles" is performed by hovering over the right side of the style you'd like to change and selecting the edit pencil. This will bring up the menu where you can customise the background colour and font colour.

4. With preset antibiograms, some organism/antibiotic combinations which are tested have been greyed out by default. If you're wanting to view these in your antibiogram, by opening the "Manage styles", you can edit or delete.



Before

Organism	Ampicillin	
	%S	n
Escherichia coli	43	383
Klebsiella pneumoniae		

After

Organism	Ampicillin	
	%S	n
Escherichia coli	43	383
Klebsiella pneumoniae	2	85

Save and export customised antibiograms

1. Once the required updates have been changed, select "Save As" on the toolbar to save this customised view to your personal OrgTRx folder.

2. This new view can also be forwarded to other users of your choice. By selecting the cloud "Export" on the toolbar and "Send link", you can choose other necto users of which to send this view to.