

For “Replen Plan Report - Orders_V2 (Bin Filter)” Report

After finding every location entry starting with a certain character(s), it should then **filter out** all entries with **SUM** of (**under “BulkBinCodes”**) locations **STARTING WITH SUP and TABLE** equal or more than the **ReplenQuantity** value.

This should be done by creating a **new column called “replenResidual”**.

Calculation: **ReplenResidual = ReplenQuantity - BulkBinCodes.SUM(TABLE, SUP)** (Locations starting with “SUP” or equal “TABLE”)

If entry “replenResidual <= 0”, it should **NOT** be seen on the report. The integers in this column should never be negative. If negative, should input 0 instead. Positive numbers **should be bolded** for us to see.

Example:

✓ - Should be seen in report

✗ - Should **NOT** be seen in report

This is just a made up EXAMPLE. The right side of the table is to show what entries should be seen and what shouldn't. Also in the actual report, column BulkBinCodes does not show any other locations but locations starting with input, so currently we can't see TABLE or SUP. Be aware when testing.

Search Input: TRA-FA-19%

OldestOrder	ItemCode	ReplenQuantity	<u>replenResidual</u>	BulkBinCodes (Format: “Location - Quantity”)	ReplenQuantity Compared to SUM OF TABLE AND SUP
25/11/2023	BLRFLAREPANTS /OW/XXS	30	$30 - 0 = 0$	TRA-FA-19 - 100	✓ 30 > 0
25/11/2023	BLRFLAREPANTS /OW/XS	30	$30 - 6 = 24$	TABLE - 6 TRA-FA-19 - 100	✓ 30 > 6
26/11/2023	BLRFLAREPANTS /OW/S	30	$30 - 30 = 0$	TABLE - 30 TRA-FA-19 - 100	✗ 30 > 30
27/11/2023	BLRFLAREPANTS /OW/M	30	<u>$30 - 31 = 0$</u>	TABLE - 31 TRA-FA-19 - 100	✗ 31 > 30
28/11/2023	BLRFLAREPANTS /OW/L	30	$30 - 8 = 22$	SUP-425 - 8 TRA-FA-19 - 100	✓ 30 > 8
29/11/2023	BLRFLAREPANTS /OW/XL	30	$30 - (8+6) = 16$	TABLE - 6 TRA-FA-19 - 100 SUP-425 - 8	✓ 30 > 6+8
30/11/2023	BLRFLAREPANTS /OW/2XL	30	$30 - (23 + 7) = 0$	SUP-865 - 23 TRA-FA-19 - 100 TABLE - 7	✗ 30 > 30
1/12/2023	BLRFLAREPANTS /OW/3XL	30	<u>$30 - (7 - 24) = 0$</u>	SUP-865 - 7 TRA-FA-19 - 100 TABLE - 24	✗ 31 > 30

Also when input “%”, it should **show every entry** while applying the above idea, if not done already

Bug:

Most entries are filtered out which is good, however there is still a little bit of inconsistencies:

OldestOrder	ItemCode	InBulkLocations	ReplenQuantity	BulkBinCodes	RPR
08-12-2023	BASICJOGGERS2/BLUE/M	110.00	2.00	A4-04 - 22 & A4-04 - 22 & TABLE - 22 & 2-6D - 22 & A4-04 - 22	2.00
08-12-2023	FLARESCRUNCH/PLUM/XS	90.00	14.00	11-2D - 55 & TABLE - 35	14.00
08-12-2023	FLARESCRUNCH/CAMEO/M	165.00	16.00	10-8D - 55 & 5-8A - 55 & TABLE - 55	16.00
09-12-2023	AMTHEATREJACKETBUTTON/DARKNAVY/S	645.00	1.00	6-1D - 40 & 10-1C - 40 & 3-4B - 40 & 9-3C - 40 & 9-4D - 40 & 10-4B - 40 & 9-2A - 30 & 5-1C - 40 & 10-2C - 38 & 3-7C - 40 & TABLE - 18 & 8-3C - 22 & 11-8A - 32 & 10-2C - 40 & 10-3C - 40 & 10-1C - 40 & 9-3C - 40 & 9-1A - 25	1.00
11-12-2023	RANGEBIKESHORTS/IPLEINAIR/XL	113.00	2.00	3-5A - 48 & TABLE - 65	2.00

I cannot fully say what causes this without seeing the whole report (the unfiltered version). The first entry states 2.00 when it should be 0.00.

Since I cannot recognize any pattern problems, and it's a very small portion of errors and the new report has been added at the end of the day, I can only assume maybe because the values are fixed and not dynamic? Everytime the item entries' BulkBinCodes' are **updated**, the RPR of that entry should also update simultaneously, then decides if the entry should be visible or not ($RPR > 0$). I have not tested so I am not too sure. Example:

Task: Move BLRFLAREPANTS/OW/XXS onto table

Before Task

OldestOrder	ItemCode	ReplenQuantity	RPR	BulkBinCodes (Format: "Location - Quantity")
25/11/2023	BLRFLAREPANTS /OW/XXS	30	30	10-2C - 16 10-2C - 15

After Task

OldestOrder	ItemCode	ReplenQuantity	RPR	BulkBinCodes (Format: "Location - Quantity")
25/11/2023	BLRFLAREPANTS /OW/XXS	30	<u>30 - 15 = 15</u>	10-2C - 16 TABLE - 15

The **update** occurs when we use the ULD location move. We then refresh the page to see if the report is correctly updated.

Considerations:

- There can be multiple “table” locations and “SUP” locations in a single entry/line.

Example:



- Should be seen in report



- Should **NOT** be seen in report

OldestOrder	ItemCode	ReplenQuantity	RPR	BulkBinCodes (Format: “Location - Quantity”)	ReplenQuantity Compared to SUM OF TABLE AND SUP
25/11/2023	BLRFLAREPANTS /OW/XXS	30	30 - (16 + 15) = -1	Table - 16 Table - 15	X 30 > 31
25/11/2023	BLRFLAREPANTS /OW/XS	30	30 - (16 + 15) = -1	SUP-425 - 16 SUP-426 - 15	X 30 > 31

It's showing everything we need to see, but also showing a very small portion of what we don't need to see.