



## **Cause of Change Graphs**

### **2023 Fee Rates**

In response to steward requests for details about annual changes to material fee rates, graphs have been developed to illustrate the factors driving changes from 2022 to 2023.

In each graph, the 2022 rate is the first bar on the left and the 2023 rate is the last bar on the right. The bars in between indicate if a rate increases or decreases due to that factor and notes the change in cents/kg.

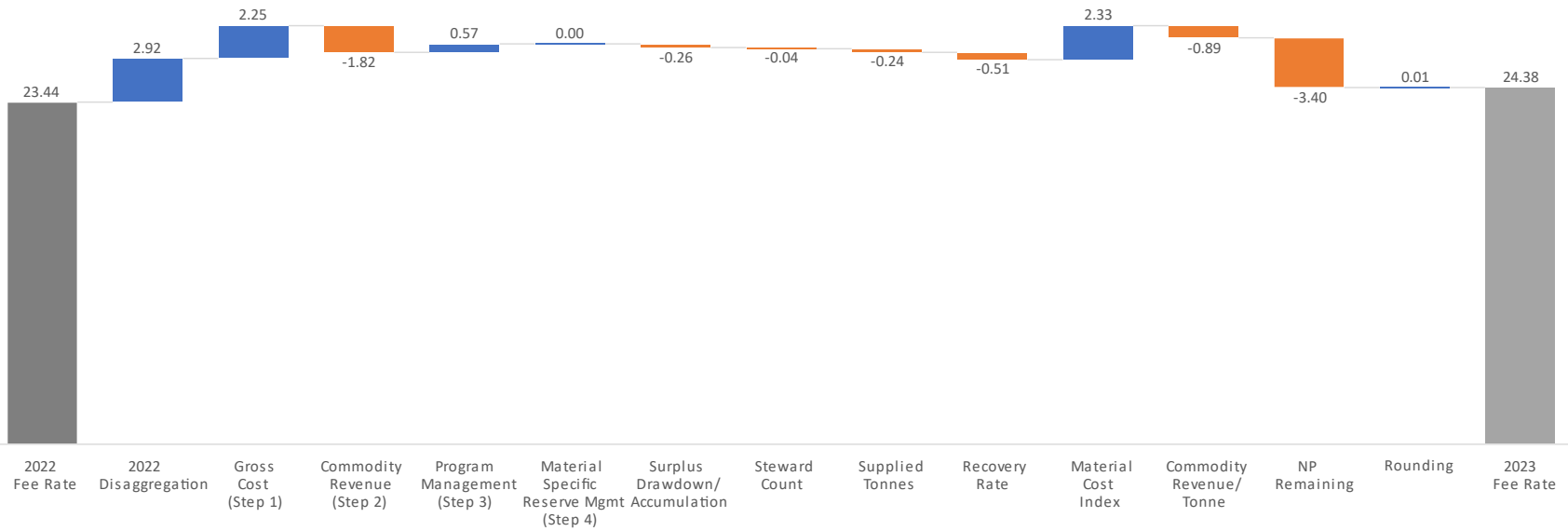
Descriptions of the factors for the program are detailed in the glossary table on the next page. Graphs are presented in the same order as the material categories in the fee schedule presented in the Report to Stewards.

## Glossary

<b>Factor</b>	<b>Description</b>
<b>2022 Fee Rate</b>	Chart begins with the published fee rate for the current year.
<b>2022 Disaggregation</b>	Change to fee rate when aggregation is removed. Aggregation is the historic practice of averaging the fees for some materials together. This practice is being phased out. All subsequent impacts are illustrated on the disaggregated fee rate.
<b>Gross Cost (Step 1)</b>	Changes in the program's cost to collect, manage, market and oversee these recycling system activities, maintaining the current year's relative share of supply and collected quantities. Only the gross cost value is updated.
<b>Commodity Revenue (Step 2)</b>	Changes in the program's revenue earned from the sale of materials to recycling end markets, maintaining the current year's relative share of managed quantities. Only the total program commodity revenue is updated.
<b>Program Management (Step 3)</b>	Changes to the program management budget (staff, CM services, office lease, etc.), maintaining the current year's relative share of PM cost and by updating the PM cost budget only.
<b>Material Specific Reserve Mgmt (Step 4)</b>	Generates surplus for those materials that need to increase their contribution to the program's reserves.
<b>Surplus Drawdown/ Accumulation</b>	Reduction in the fee rate caused by utilization of reserves to finance a portion of the program budget.
<b>Steward Count</b>	Relative share of program management costs for this material based on the change to the count of stewards supplying material in this category.
<b>Supplied Tonnes</b>	The impact on fees caused by an increase or decrease in material's relative share of supply quantities when considering both the change in this material's supply quantity and all other materials.
<b>Recovery Rate</b>	The impact on fees caused by an increase or decrease in material's relative share of managed/collected quantities.
<b>Material Cost Index</b>	Update to the Material Cost Index (MCI) value for calculating each material's relative share of supply and collected/managed quantities.
<b>Commodity Revenue/Tonne</b>	Update to the material's commodity price per tonne and the resultant impact on each material's relative share of the program's total commodity revenue.
<b>Rounding</b>	Rounding of fee rates to two decimal places.
<b>NP Remaining</b>	Allocation of the shortfall in Newspaper fee revenue to all other materials.
<b>2023 Fee Rate</b>	This is the final fee rate for the upcoming year considering all causes of change.

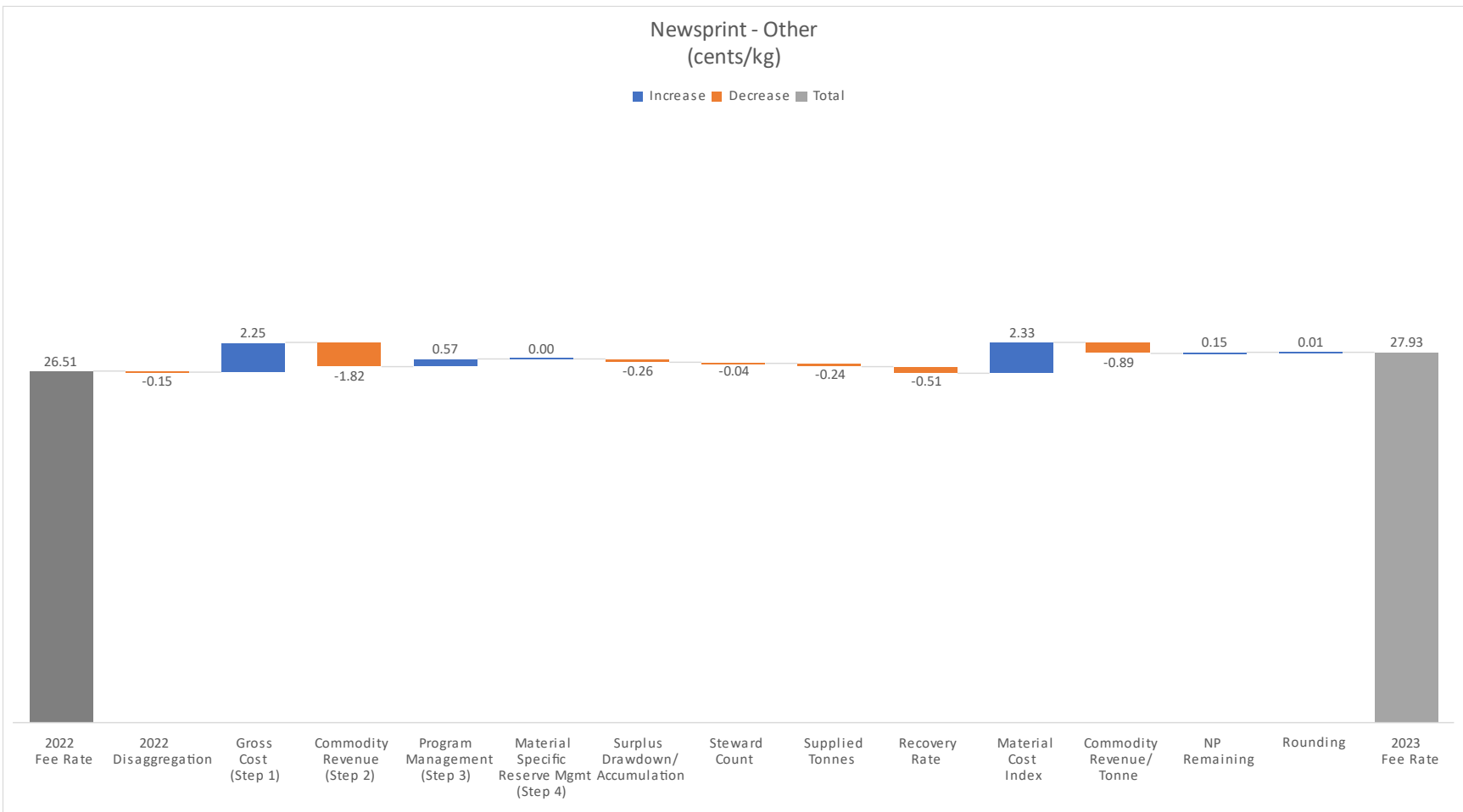
### Newsprint - Publishers (cents/kg)

■ Increase ■ Decrease ■ Total



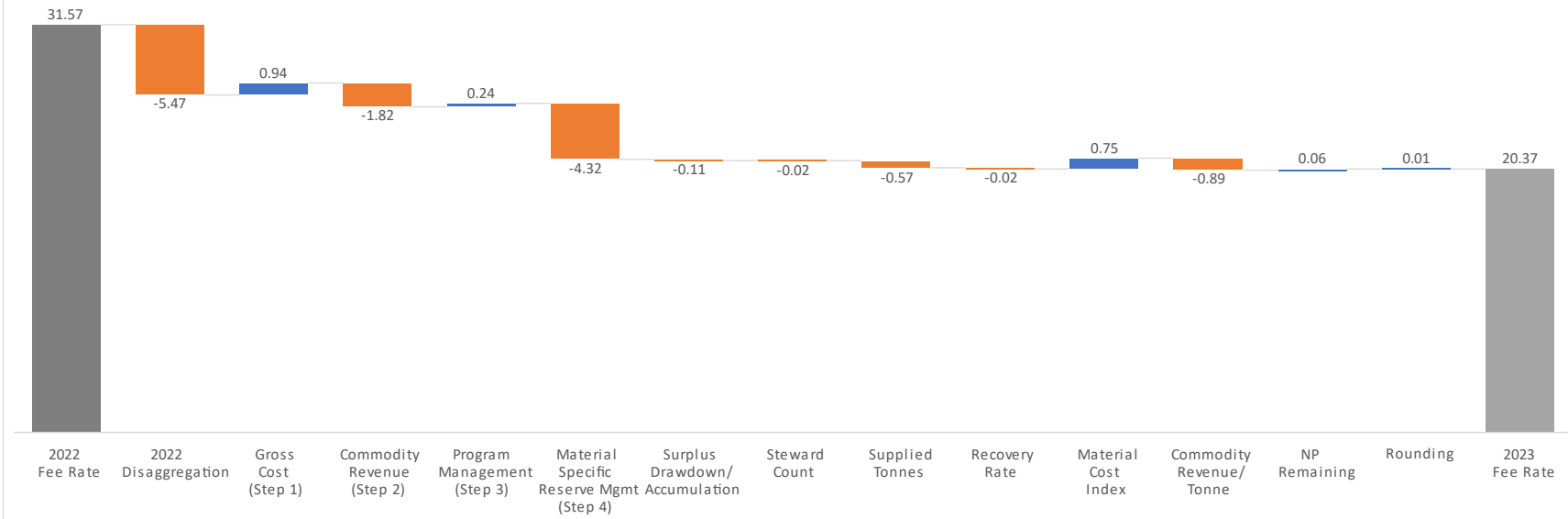
### Newsprint - Other (cents/kg)

■ Increase ■ Decrease ■ Total



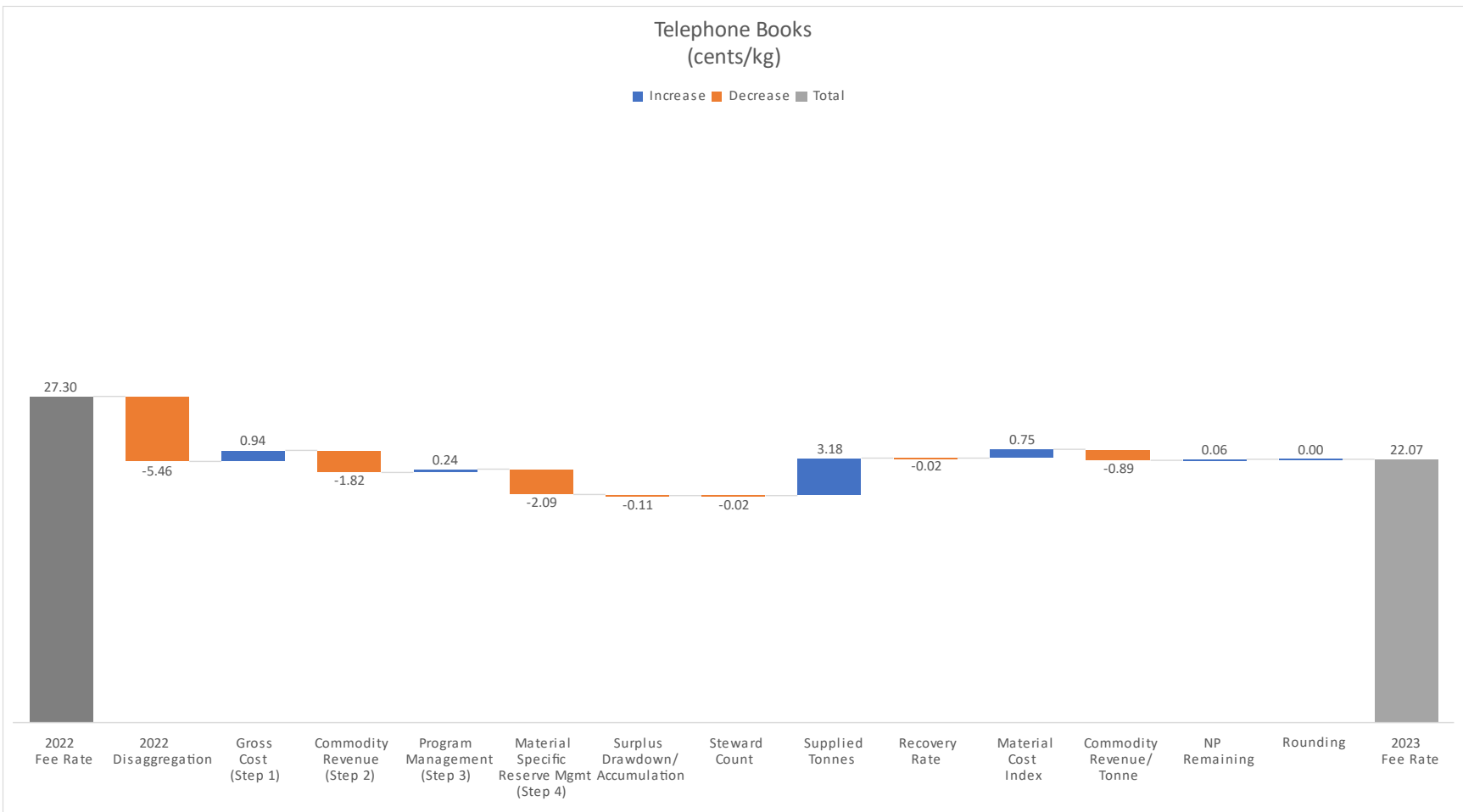
### Magazines and Catalogues (cents/kg)

■ Increase ■ Decrease ■ Total



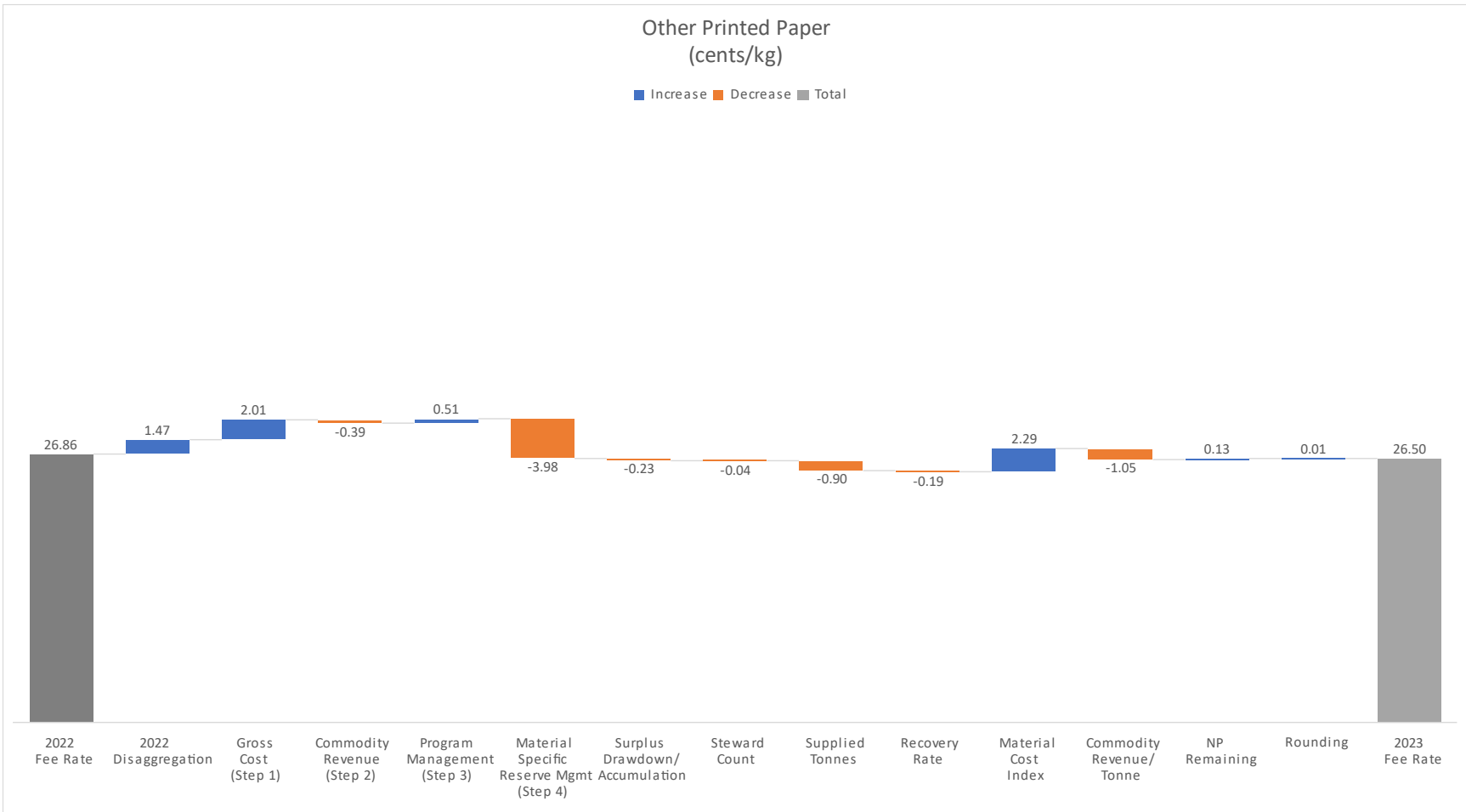
### Telephone Books (cents/kg)

■ Increase ■ Decrease ■ Total



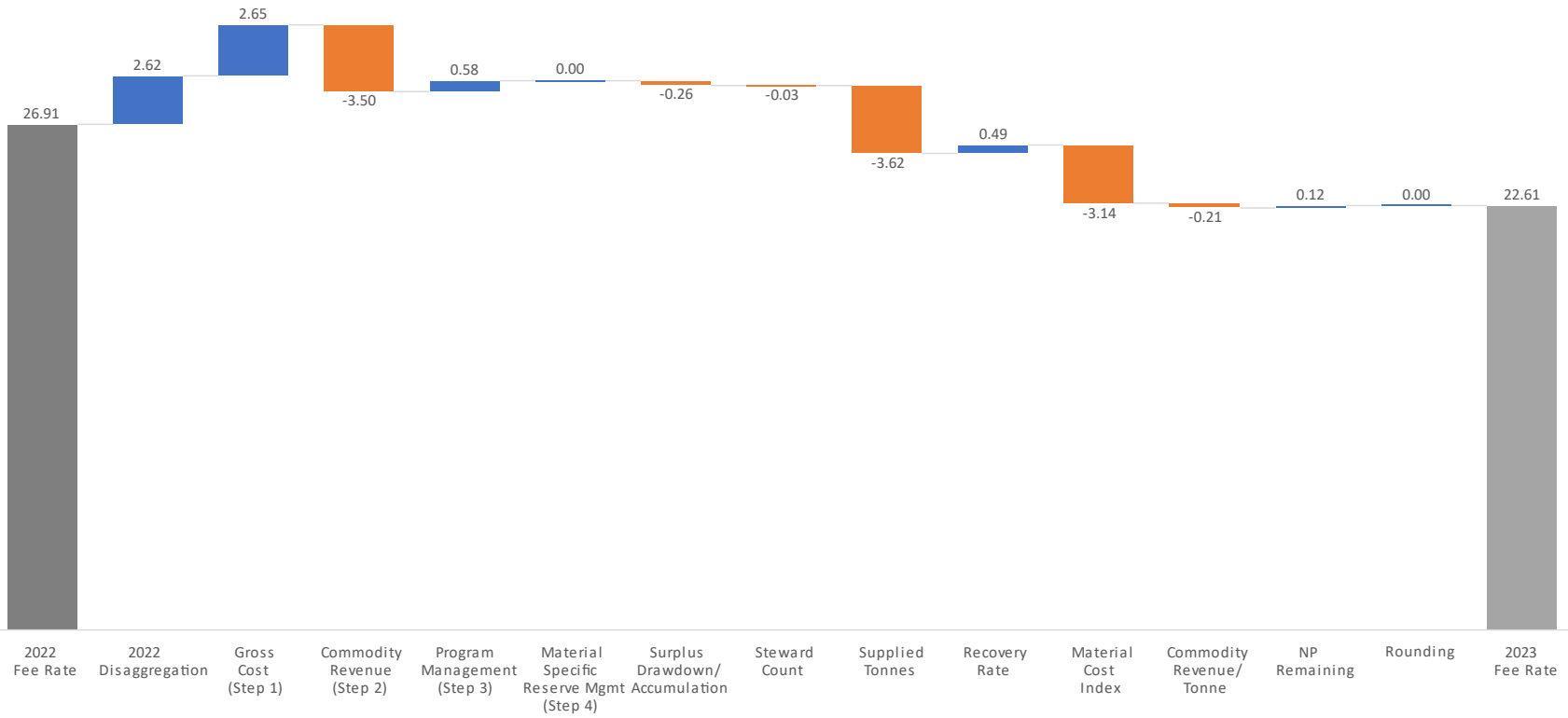
### Other Printed Paper (cents/kg)

■ Increase ■ Decrease ■ Total



### Corrugated Cardboard (cents/kg)

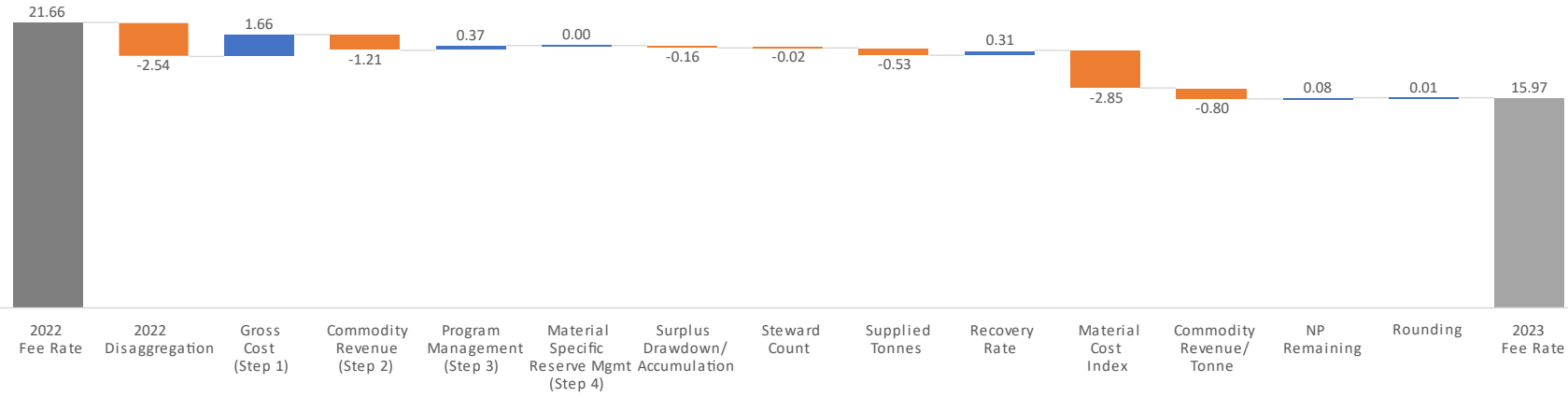
■ Increase ■ Decrease ■ Total





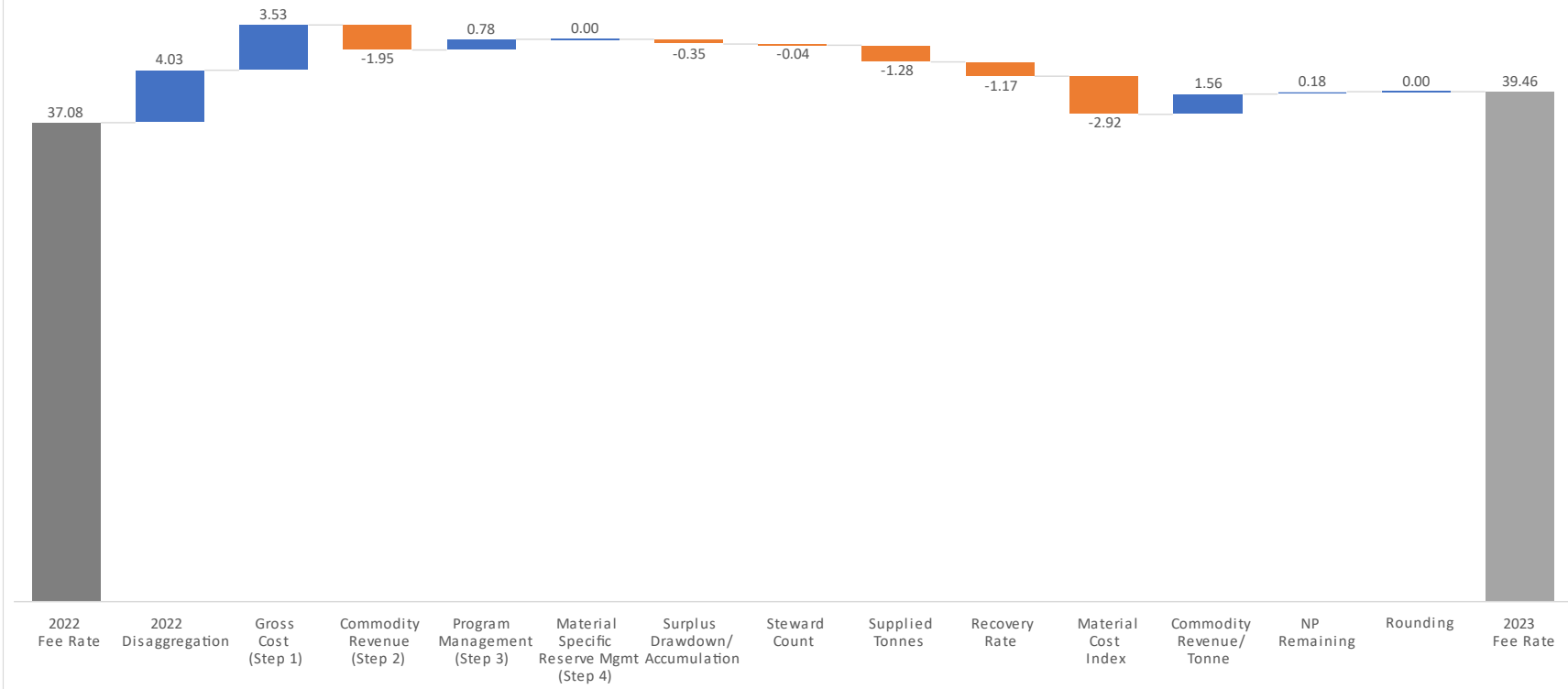
### Boxboard (cents/kg)

■ Increase ■ Decrease ■ Total



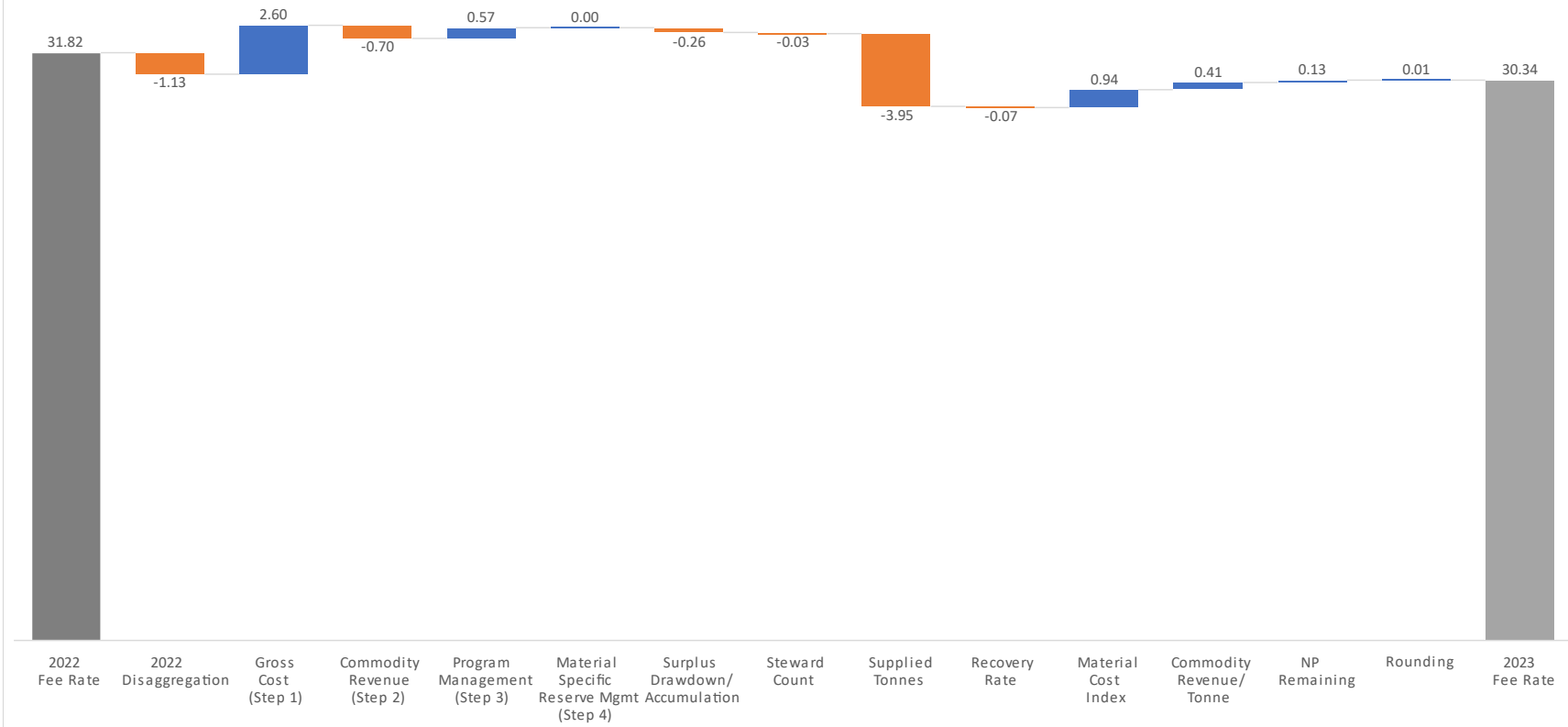
### Gable Top Cartons (cents/kg)

■ Increase ■ Decrease ■ Total



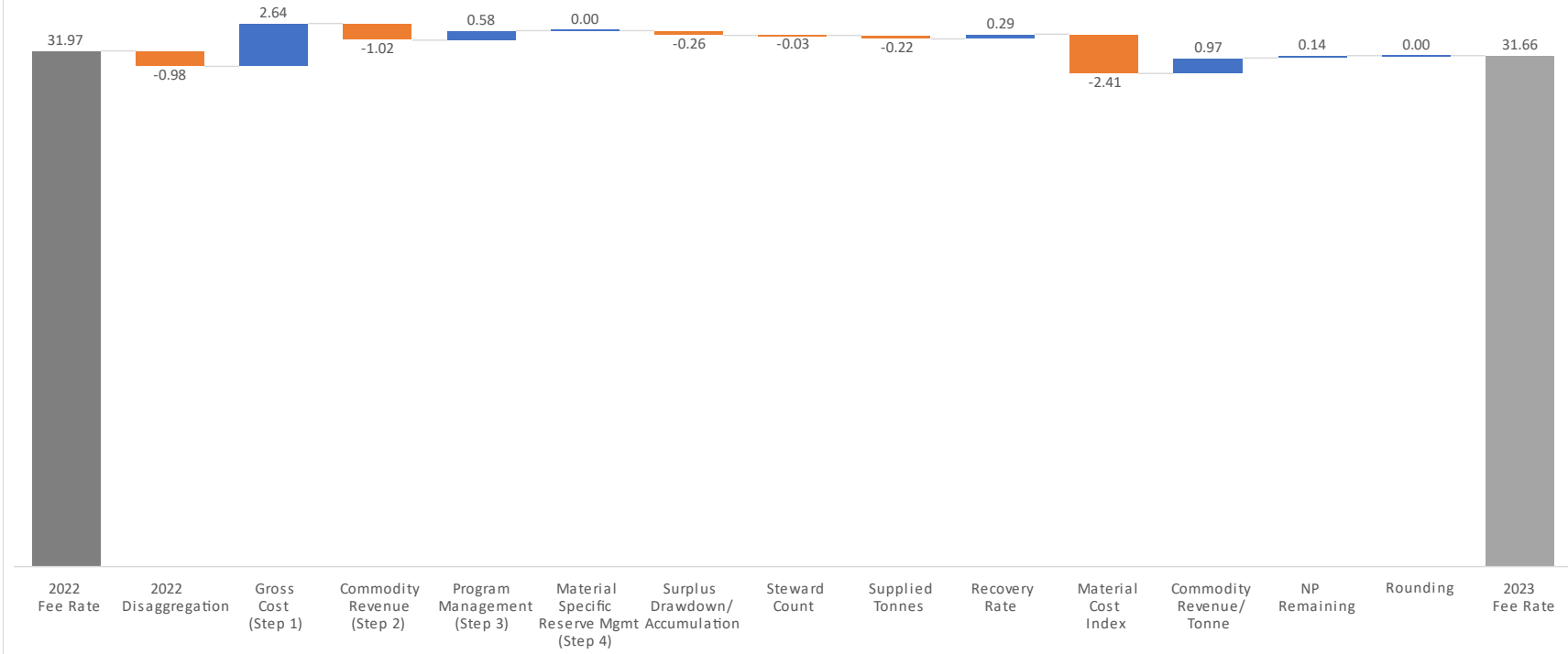
### Paper Laminates (cents/kg)

■ Increase ■ Decrease ■ Total



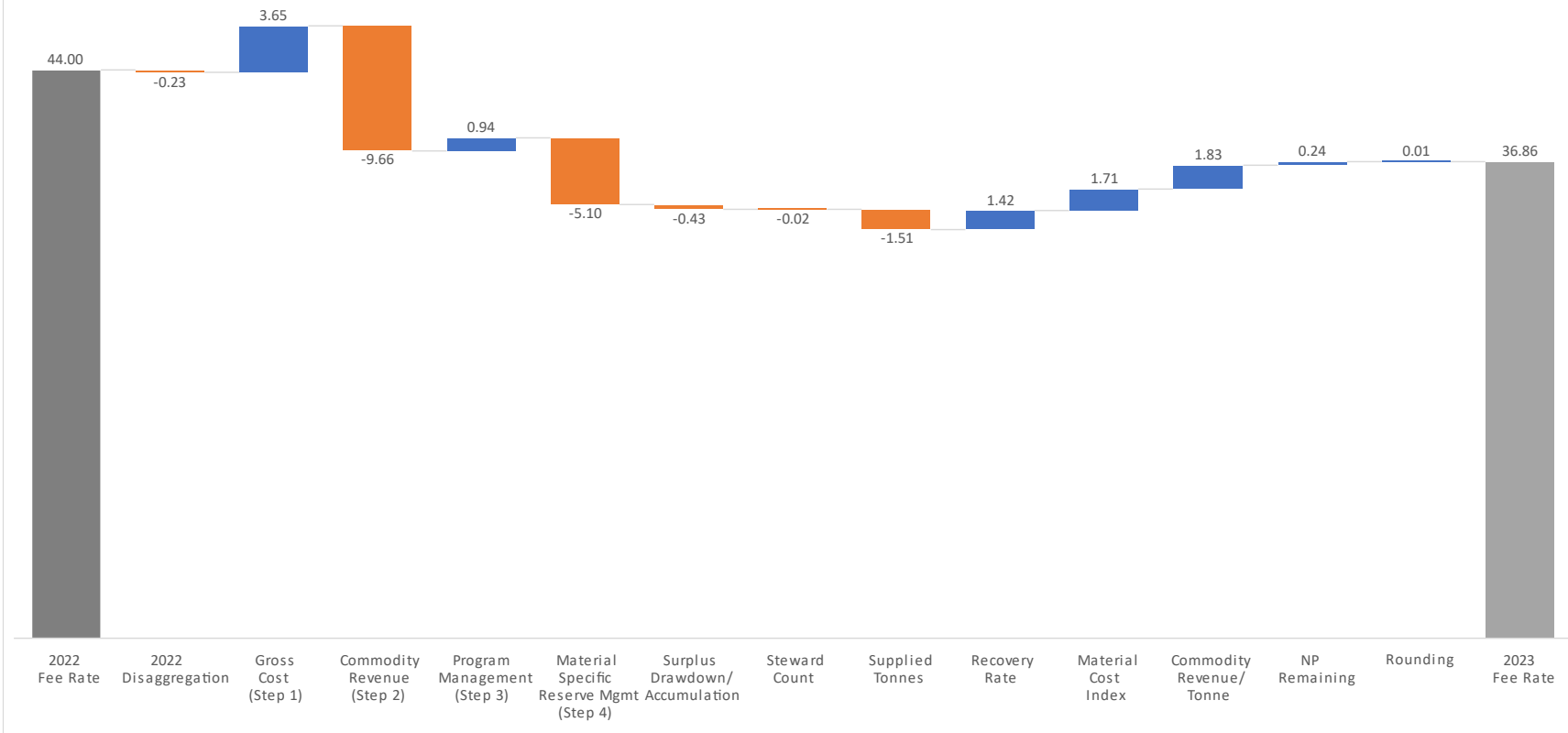
### Aseptic Containers (cents/kg)

■ Increase ■ Decrease ■ Total



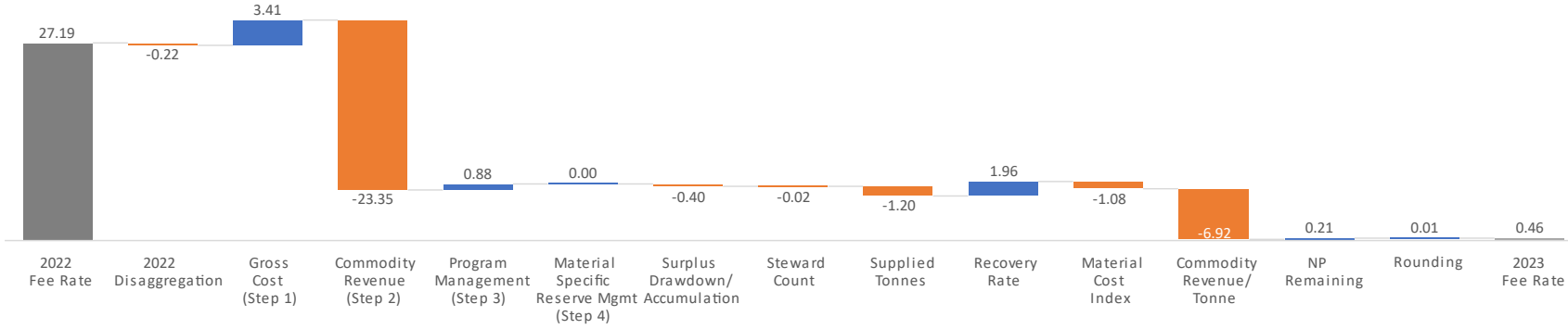
### PET Containers and Bottles (cents/kg)

■ Increase ■ Decrease ■ Total



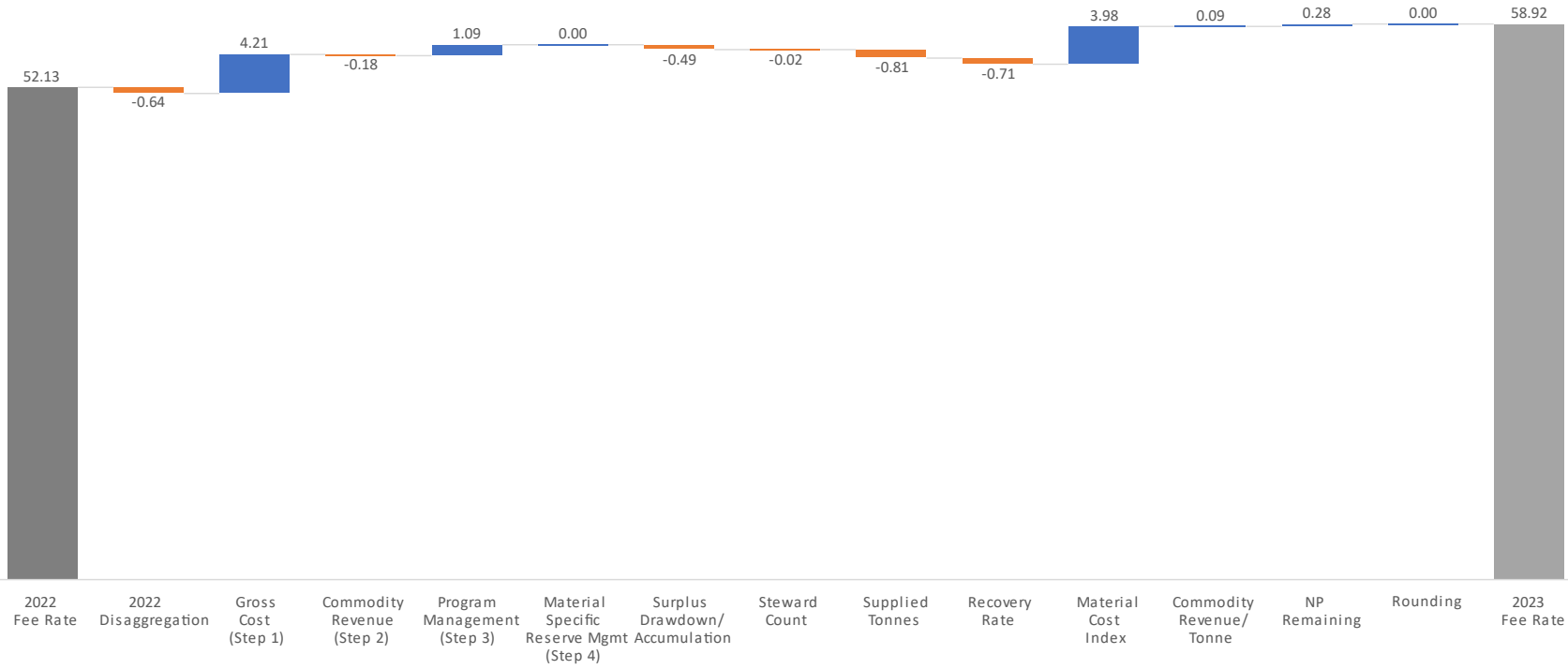
### HDPE Containers and Bottles (cents/kg)

■ Increase ■ Decrease ■ Total



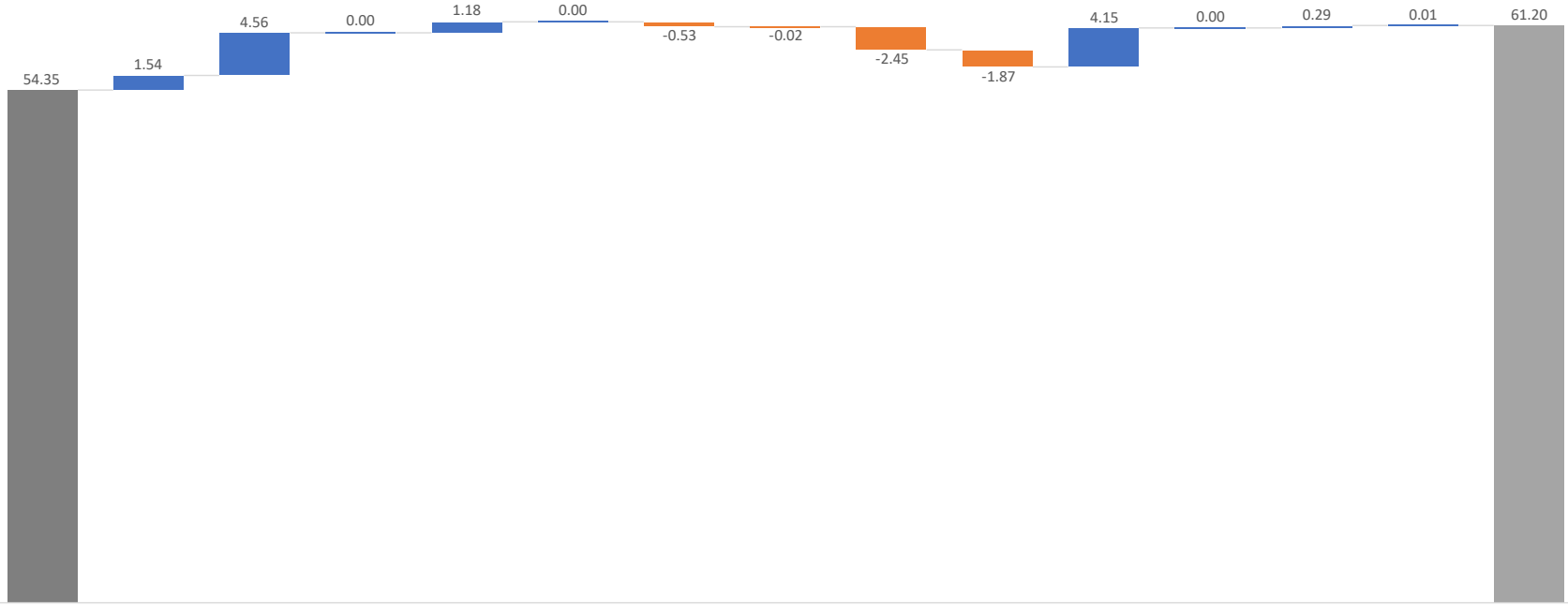
### Plastic Film (cents/kg)

■ Increase ■ Decrease ■ Total



### Plastic Laminates (cents/kg)

■ Increase ■ Decrease ■ Total

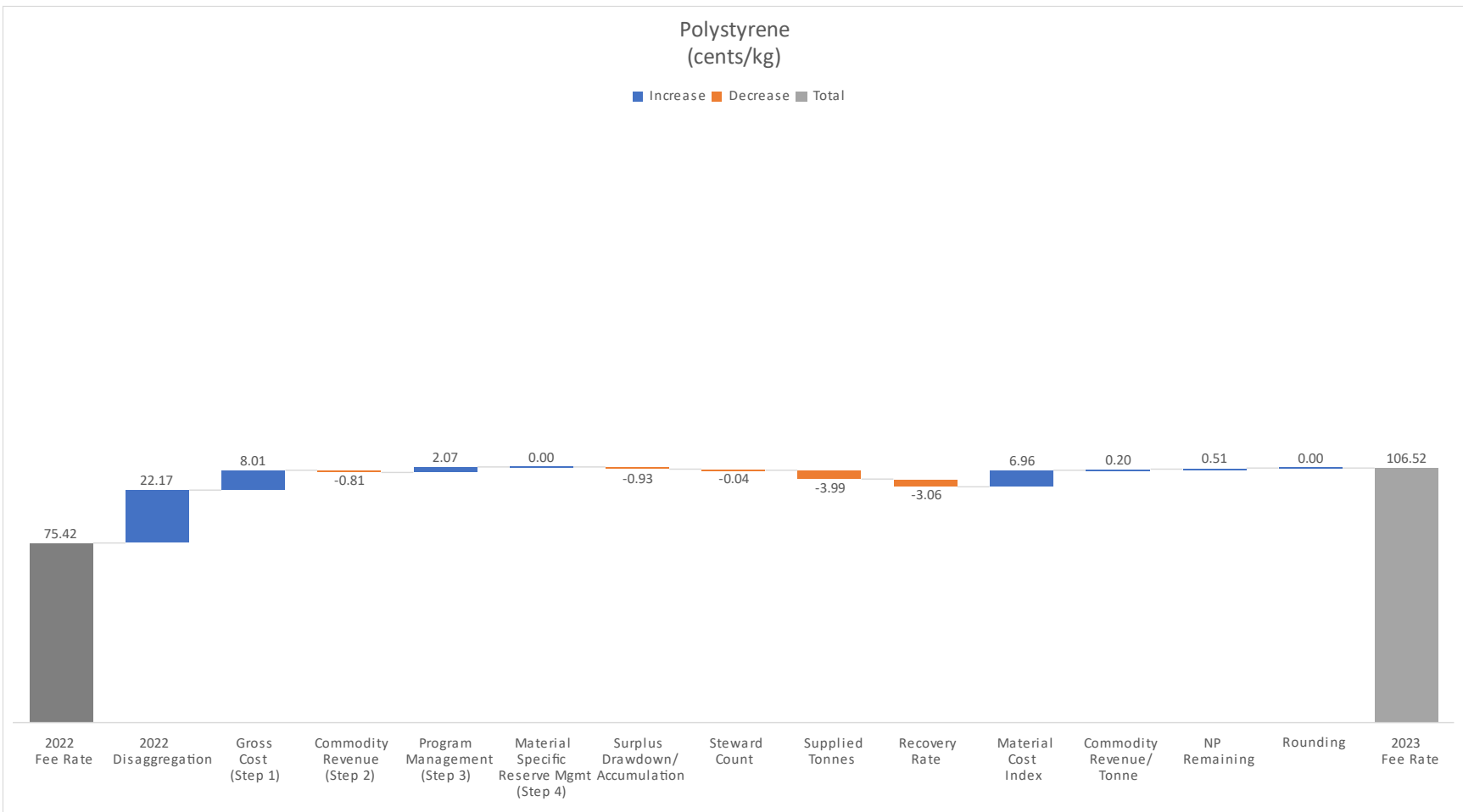


2022 Fee Rate	2022 Disaggregation	Gross Cost (Step 1)	Commodity Revenue (Step 2)	Program Management (Step 3)	Material Specific Reserve Mgmt (Step 4)	Surplus Drawdown/Accumulation	Steward Count	Supplied Tonnes	Recovery Rate	Material Cost Index	Commodity Revenue/Tonne	NP Remaining	Rounding	2023 Fee Rate
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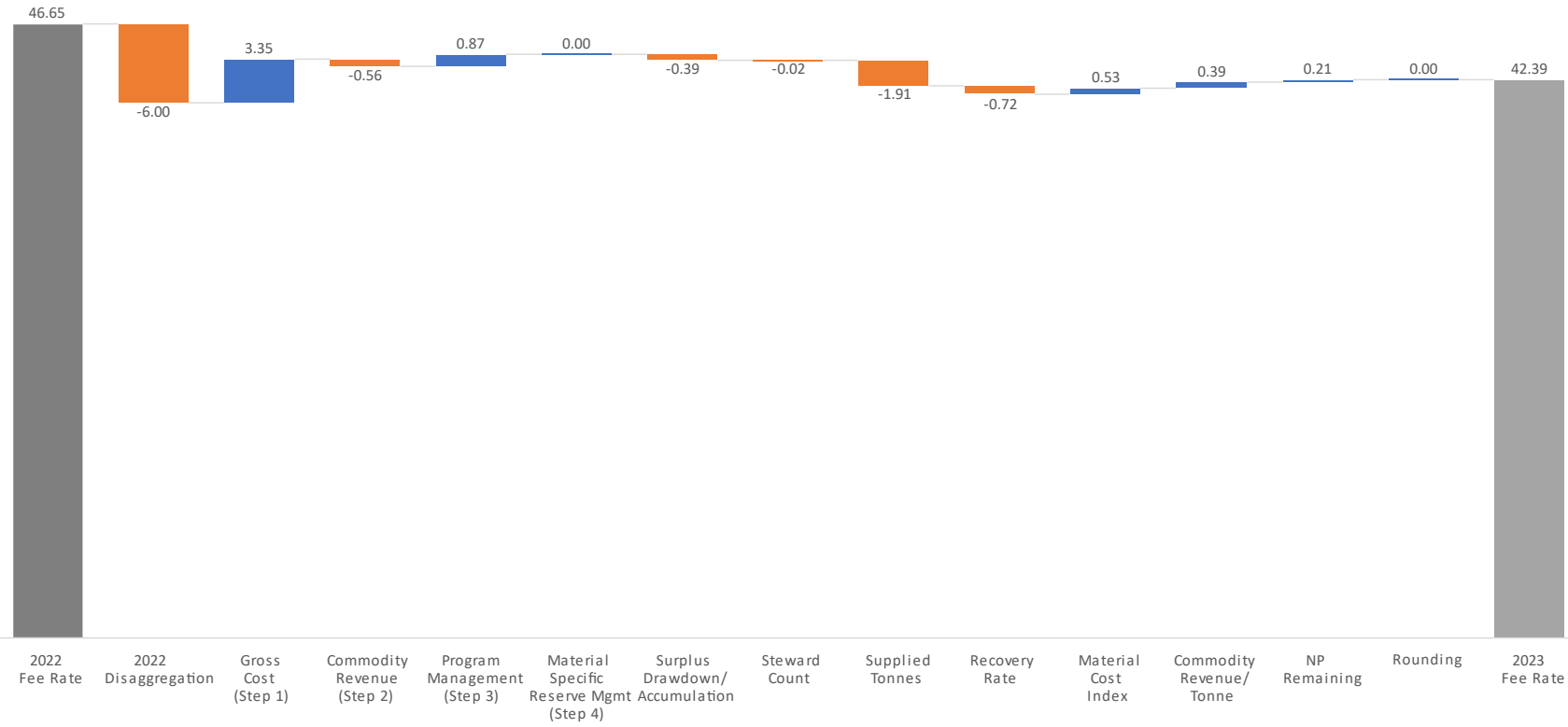
### Polystyrene (cents/kg)

■ Increase ■ Decrease ■ Total



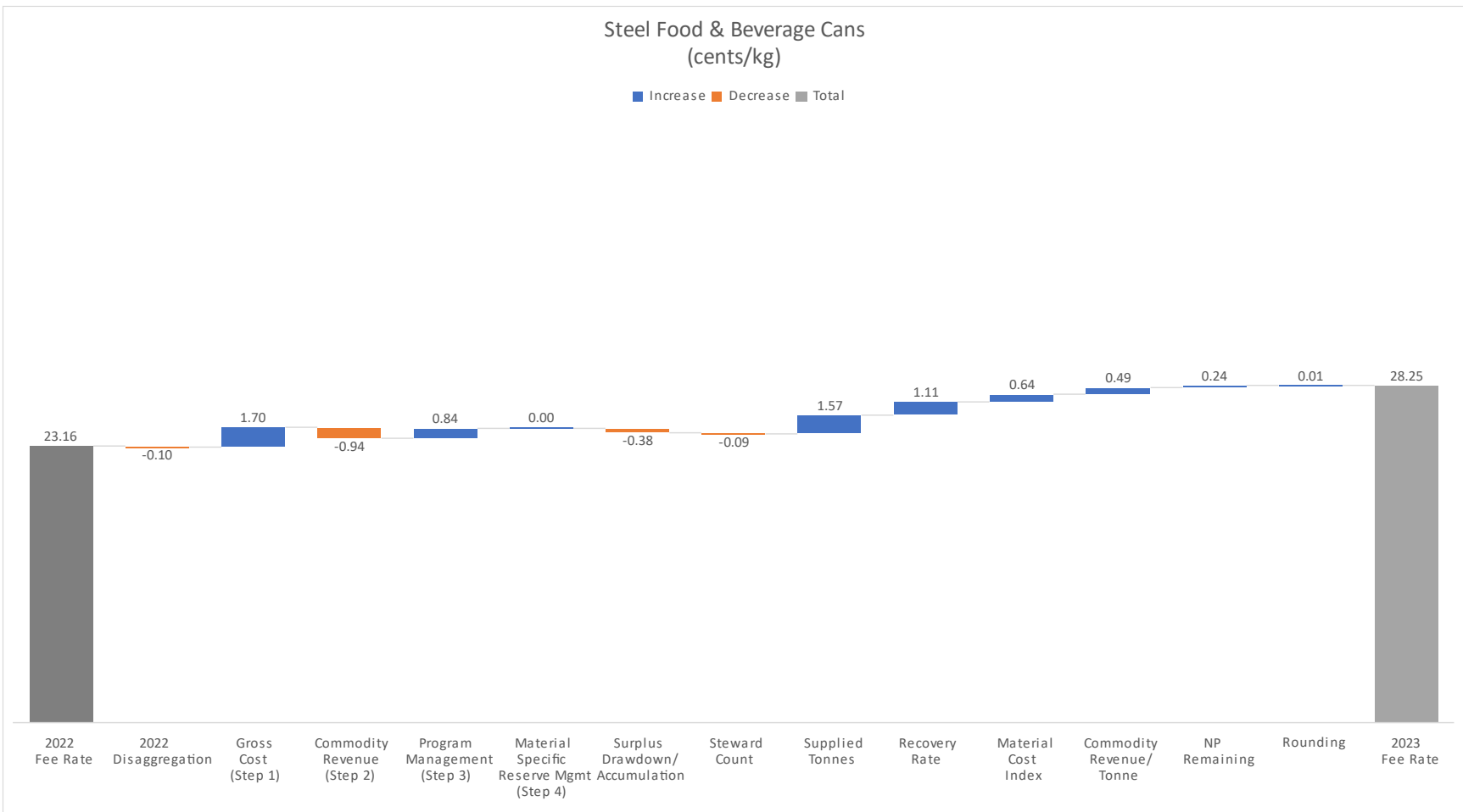
### Other Plastics (cents/kg)

■ Increase ■ Decrease ■ Total



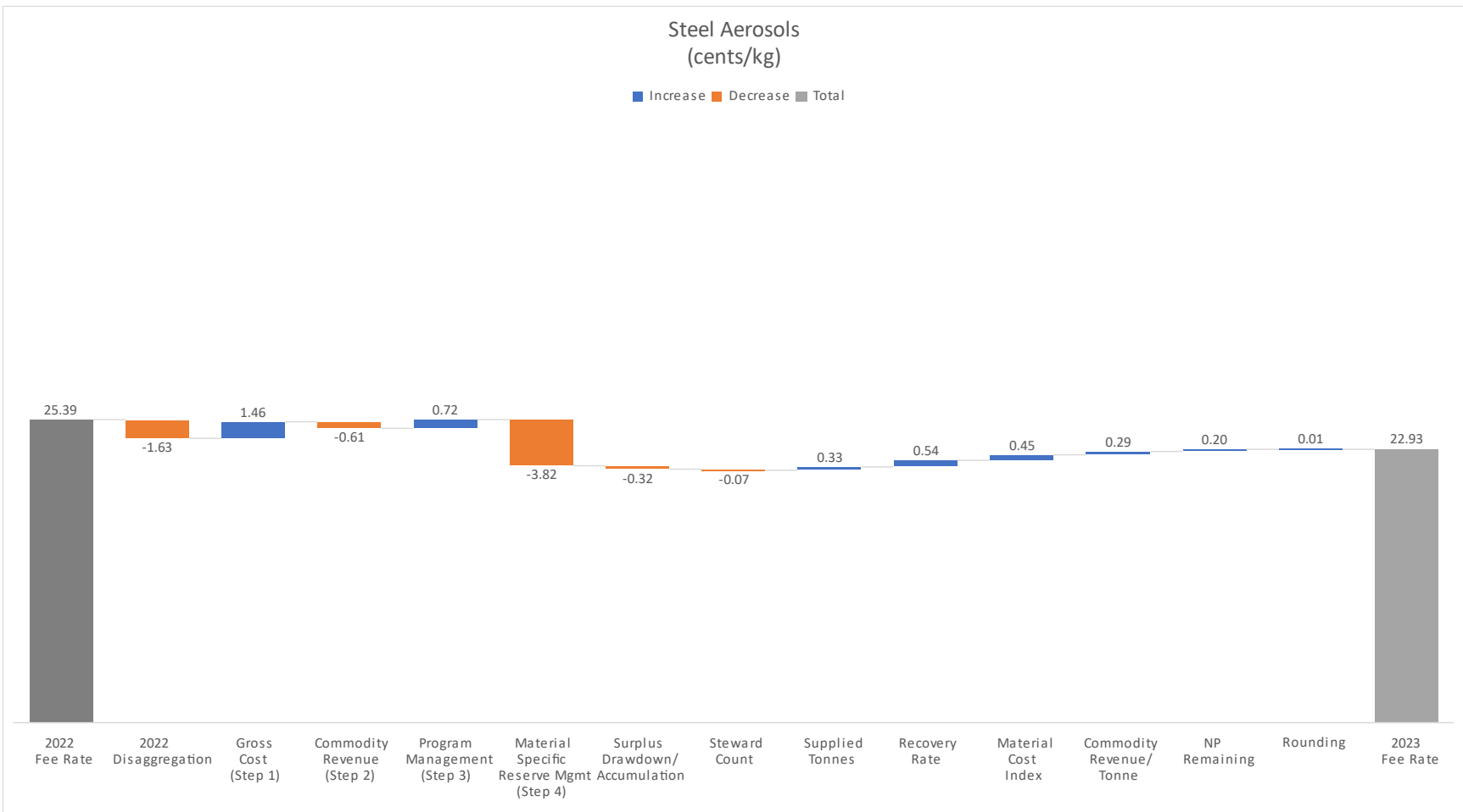
### Steel Food & Beverage Cans (cents/kg)

■ Increase ■ Decrease ■ Total



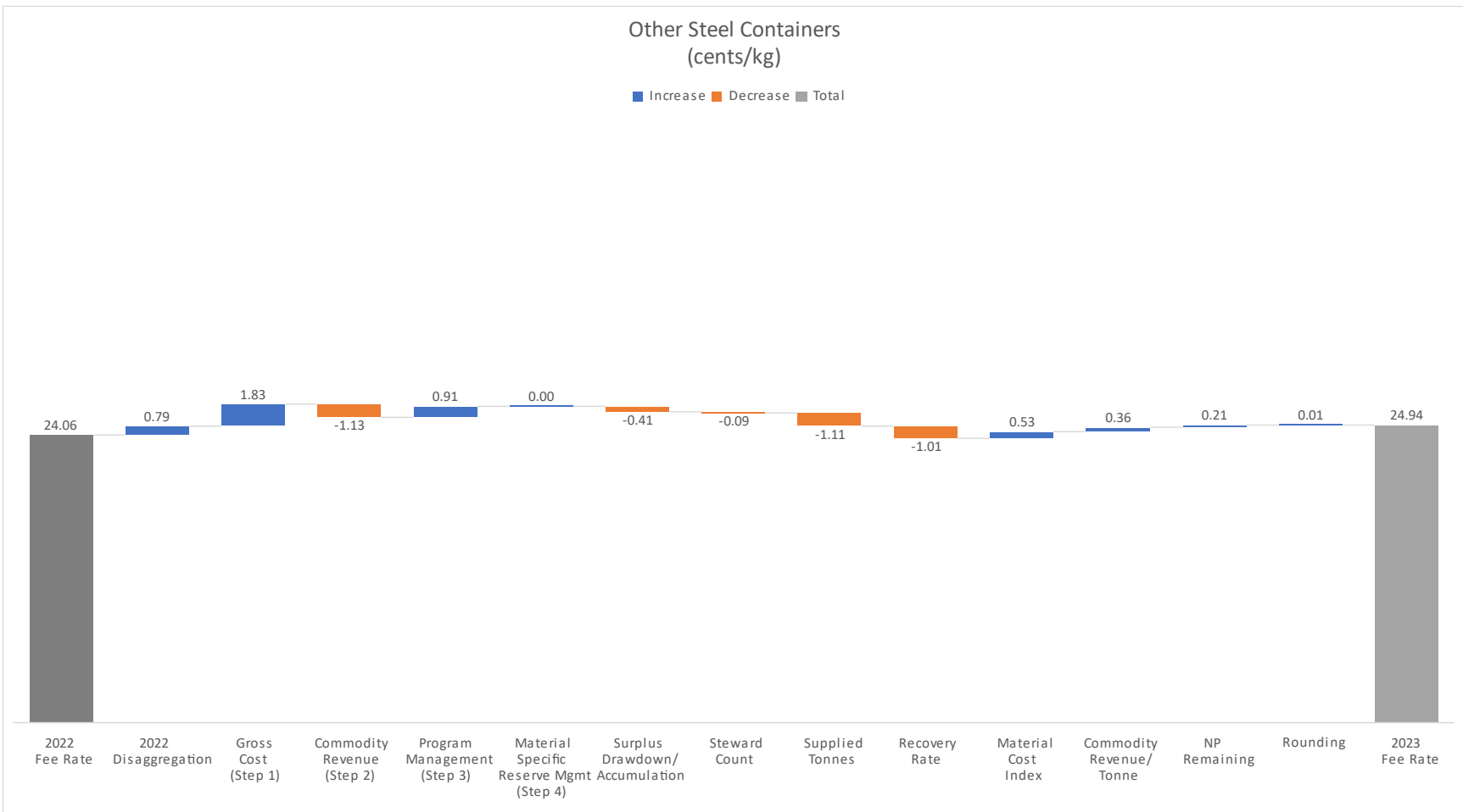
### Steel Aerosols (cents/kg)

■ Increase ■ Decrease ■ Total



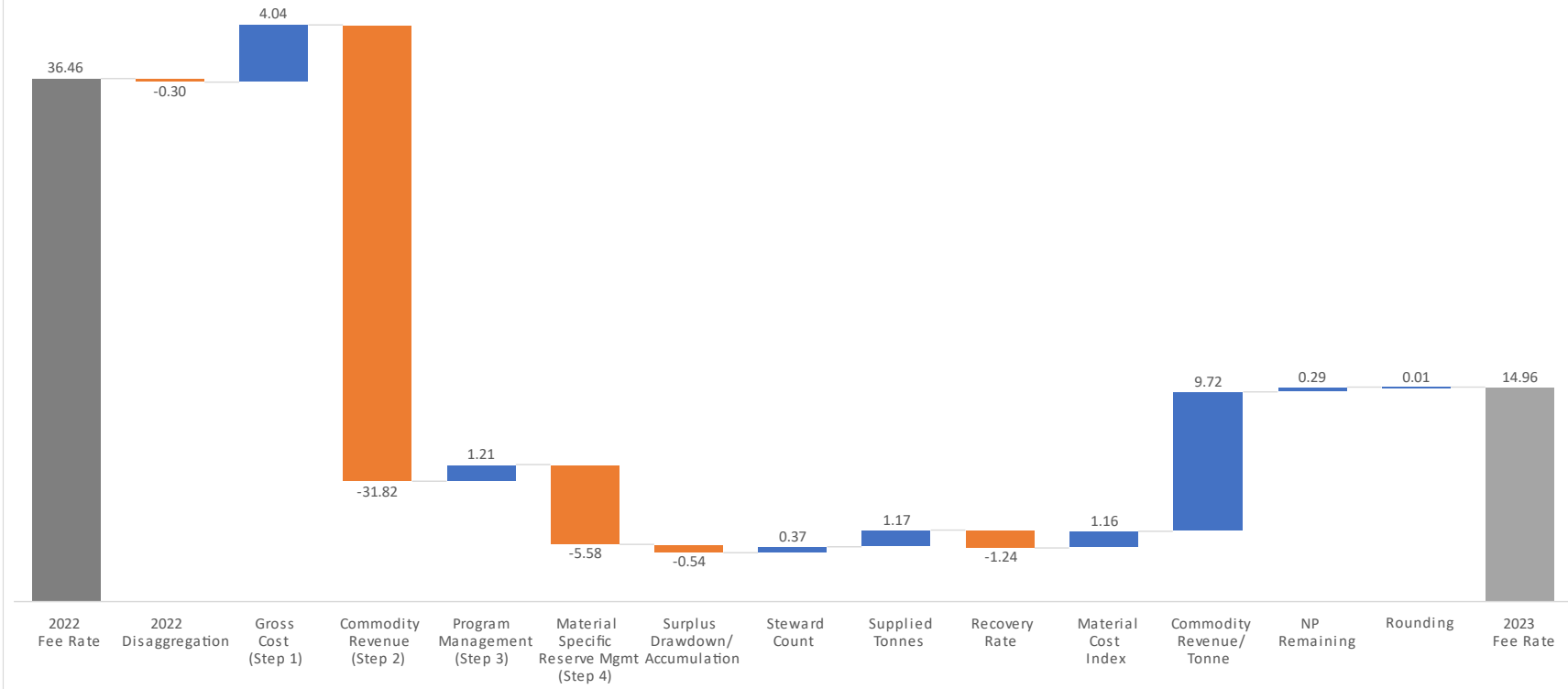
### Other Steel Containers (cents/kg)

■ Increase ■ Decrease ■ Total



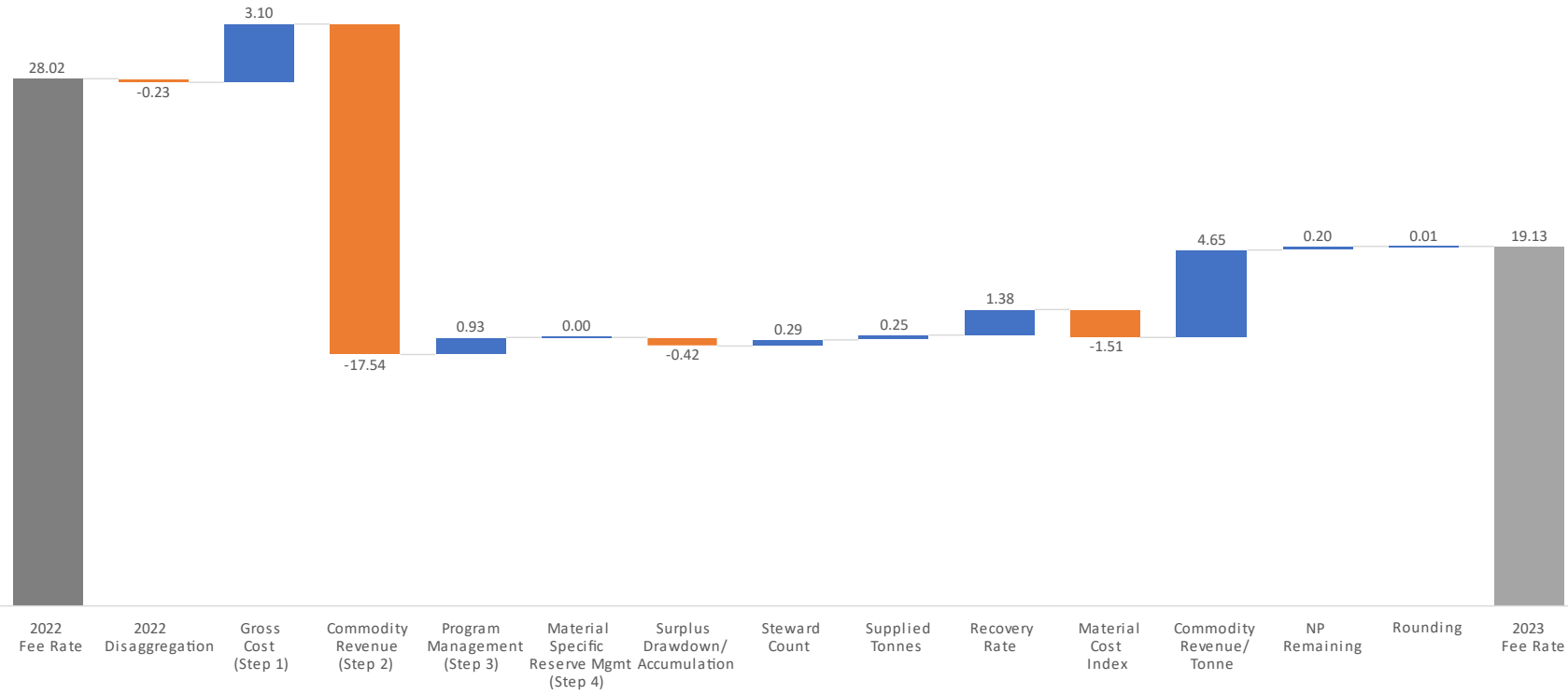
### Aluminum Food & Beverage Cans (cents/kg)

■ Increase ■ Decrease ■ Total



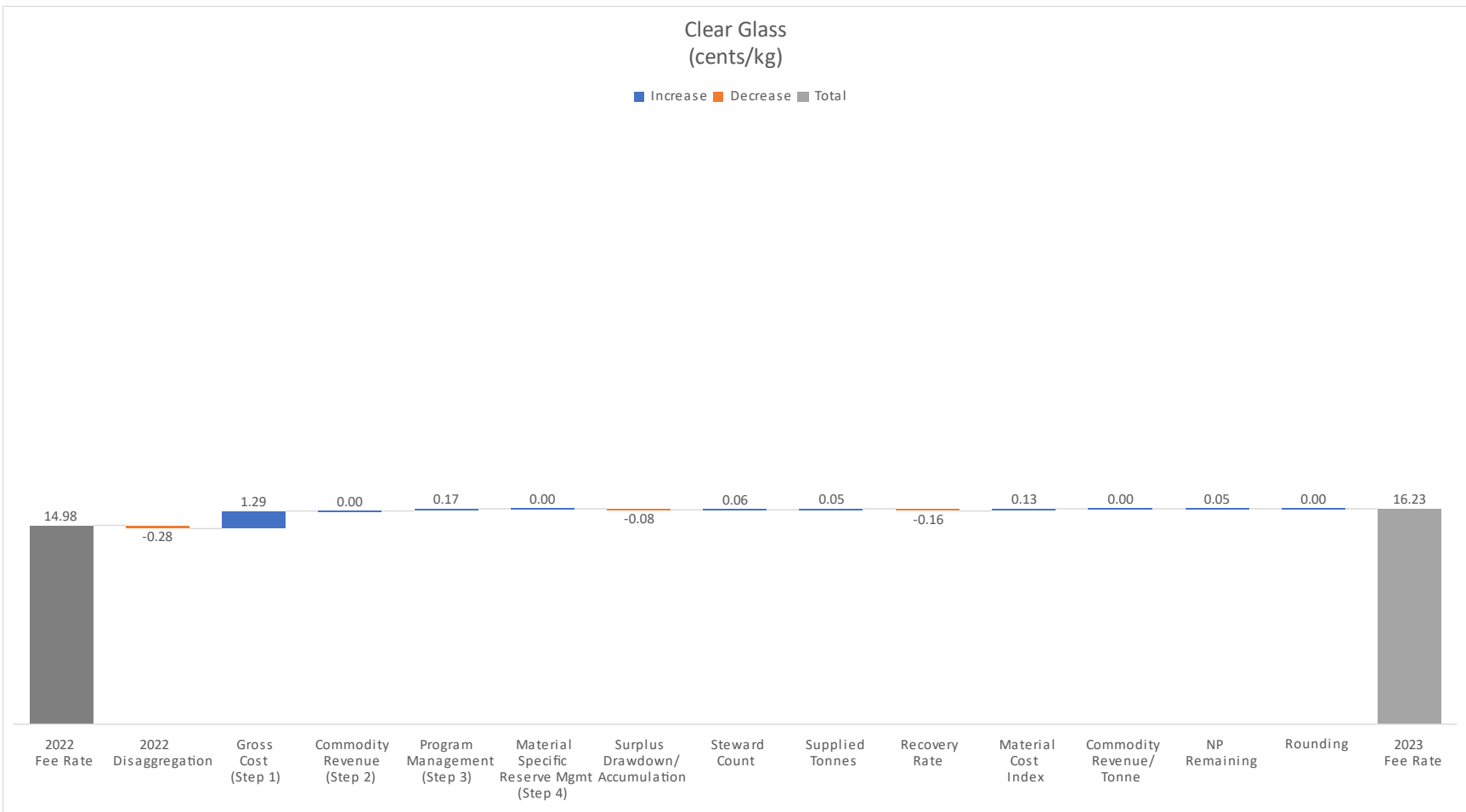
### Other Aluminum Packaging (cents/kg)

■ Increase ■ Decrease ■ Total



### Clear Glass (cents/kg)

■ Increase ■ Decrease ■ Total





### Coloured Glass (cents/kg)

■ Increase ■ Decrease ■ Total

