



MONITORING OF FOOD AND BEVERAGE WASTE IN THE RETAIL SECTOR IN ARGENTINA

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OBJECTIVE

Generate indicators of estimated operational waste in food and beverage, and determine its causes and origin in the retail sector for 2021, 2022 and 2023.



METHODOLOGY

Data Compilation	Data Standarization	Data Control	Dashboard Update	Dashboard Publishing
GS1 Argentina receives the data from supermarkets and self-service stores.	GS1 Argentina processes and aligns the data from each chain.	GS1 Argentina controls the data quality and standarization.	GS1 Argentina updates the indicators using retail price reports from Scentia Consulting.	GS1 Argentina publishes the food and beverage waste dashboard.
Participation Rate	Percentage that represents the available information regarding the total of the market for which the estimation is done (in terms of billing)			
Operational Waste	Estimated waste in pesos divided by total billing. This indicator shows, for every 100 pesos sold, the amount of pesos (\$) not received due to waste.			
Estimated Waste	Forecasted waste in Argentinian pesos and tons corresponding to the period in which the waste was recorded.			

RESULTS

	2021	2022	2023
	<div>5 Companies 61,0 % participation</div> <div>Operational Waste 1,81 %</div> <div>Estimated Waste (TN) 65.440</div>	<div>6 Companies 83,7 % participation</div> <div>Operational Waste 1,60 %</div> <div>Estimated Waste (TN) 57.692</div>	<div>6 Companies 88,7 % participation</div> <div>Operational Waste 1,78 %</div> <div>Estimated Waste (TN) 67.611</div>
Main Waste Causes	<div>Unknown causes (24,5%)</div> <div>Break/Damage (21,7%)</div> <div>Other causes (19,6%)</div>	<div>Break/Damage (20,6%)</div> <div>Expiration (17%)</div> <div>Other causes (16,4%)</div>	<div>Unknown causes (19,4%)</div> <div>Waste (18,9%)</div> <div>Expiration (18,7%)</div>

CONCLUSION

The dashboard is an innovative tool that offers accurate and transparent data to improve the management of food waste in the retail sector in Argentina. To continue working on its measurement and decrease, a two-year action plan was drawn up in collaboration with companies from the retailing sector and from the food industry.

