

WEEE Ireland Circular Vision series IV: White Goods Repair for a Circular Economy

Irish Repair Data statistics

16th June 2022



Protect. Transform. Sustain.

We focus on sustainability impact and business value by building the capabilities for transformational journeys

120+
Sustainability Professionals

Integrated with
industry
teams

Building
capability
for
transformation

Hands-on **ESG and sustainability experience**, combining strong heritage with technical and industry expertise from **DuPont Sustainable Solutions, KKS Advisors, Sofies and Perfect Food**



Industry Applied Expertise e.g.

- Sustainability of electronics
- ESG & Sustainable Finance
- Energy Transition & Decarbonisation
- Circular Economy & Eco design
- Land, Planning & Eco Zones
- Social Impact & Value chains
- Stakeholder Engagement



Focus on implementation and building capabilities for execution. Training, organizational journeys and the technology capabilities to accelerate



Repair by numbers: white good sector repair data

- Study conducted on behalf of WEEE Ireland, ERP, and the White Goods Association
- Methodology replicated from previous work at EU level with APPLiA
- Survey administered in February/March 2022 to 22 companies, gathering 2020 data for the Republic of Ireland
- The survey completion rate was 54.5% which we estimate is around 65% of the LHHA and C&F Irish POM

dss⁺

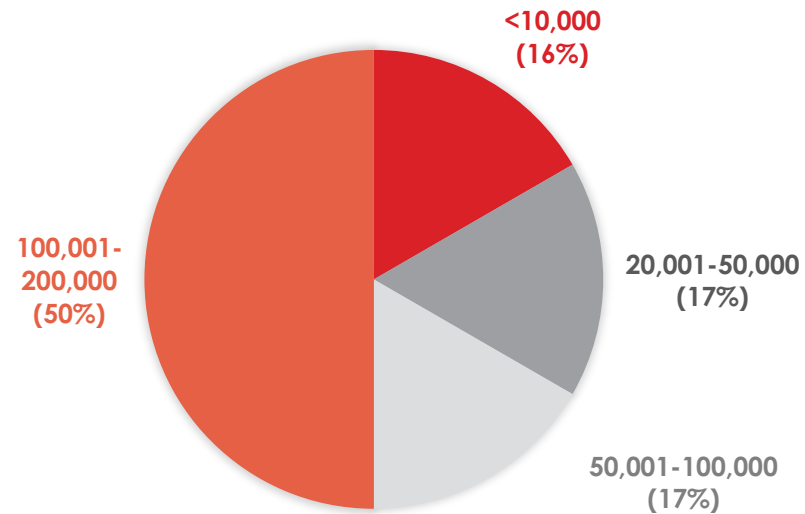
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Annual sales in 2020

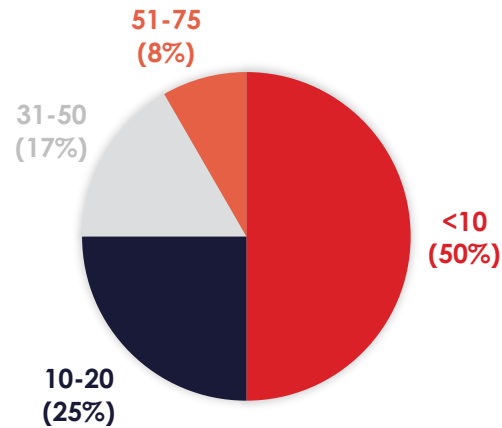
The total number of units placed on the market in 2020 reported by the companies who participated in the survey was around **1,114,880**.

NUMBER OF UNITS PLACED ON MARKET



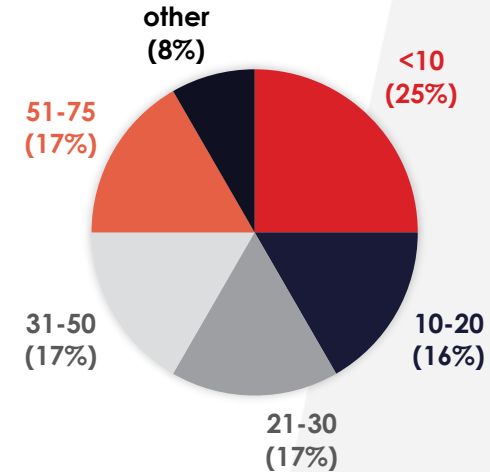
Job creation in the repair & reuse sectors: staff employed

STAFF DIRECTLY EMPLOYED (FTE)



202 full time employees directly employed in repair and reuse sector

STAFF EMPLOYED BY CONTRACTORS (FTE)



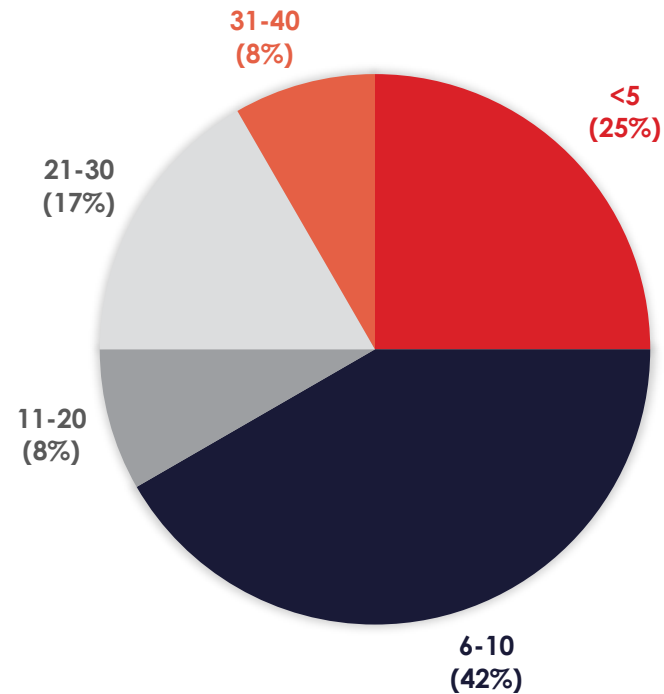
Total number of employees of external service providers, estimated at **298 full time employees**

In total, estimated **500 full time employees** engaged in repair and after-sales services across Ireland for surveyed companies

Job creation in the repair & reuse sectors: partnerships

Total of 151 partners, including exclusive partners as well as non-exclusive service centres, involved in repair and after-sales activities

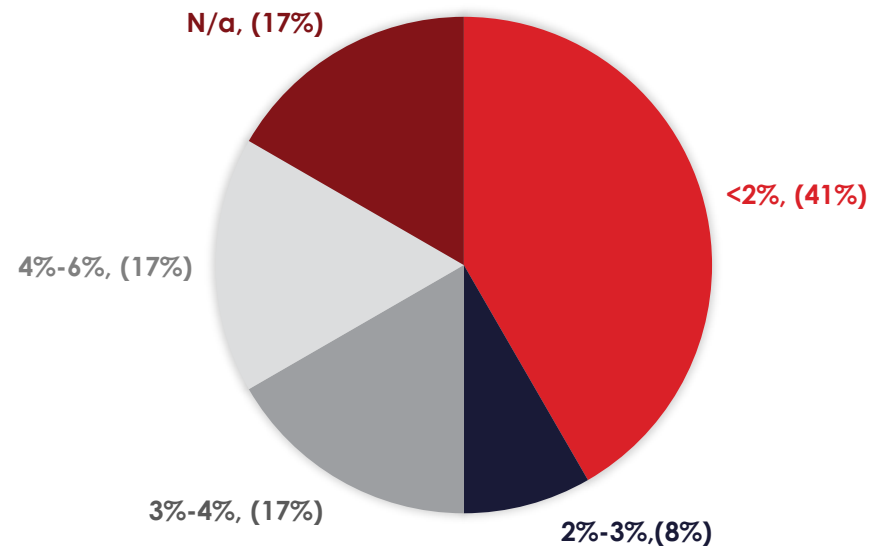
PARTNERSHIPS WITH COMPANIES



Job creation in the repair & reuse sectors: turnover

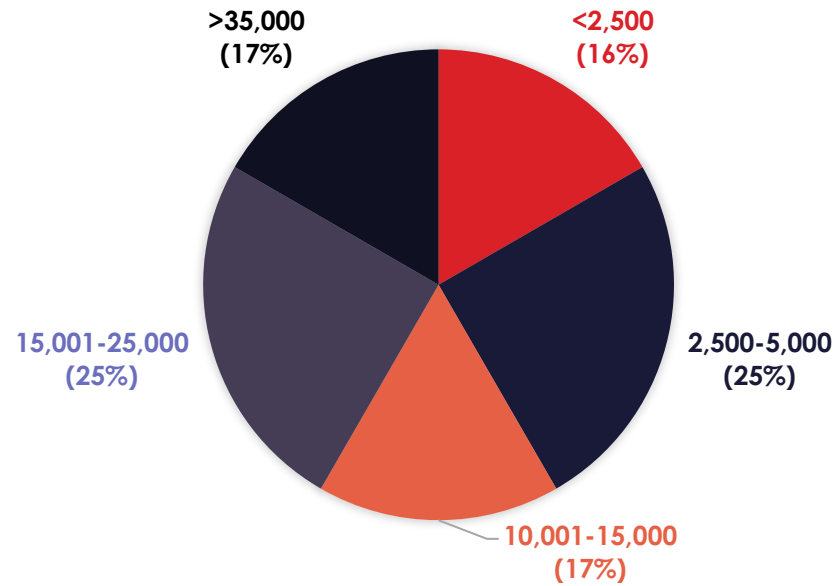
On average, **2.45%** of the total **turnover** from repair and after sales service

SHARE OF TURNOVER FROM REPAIR AND SERVICE



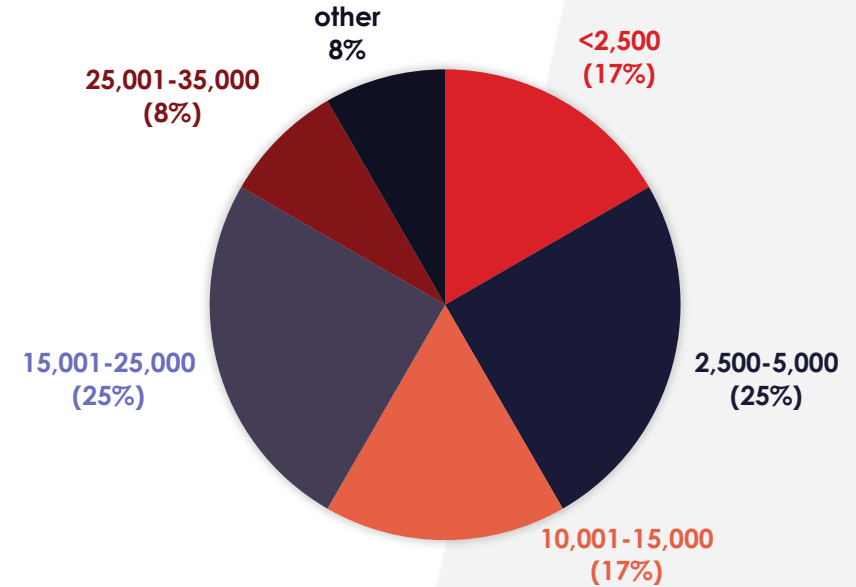
Repaired products

NUMBER OF PRODUCTS WITH REPAIR REQUEST



Total estimated number of products that requested repair amounts to **138,746**

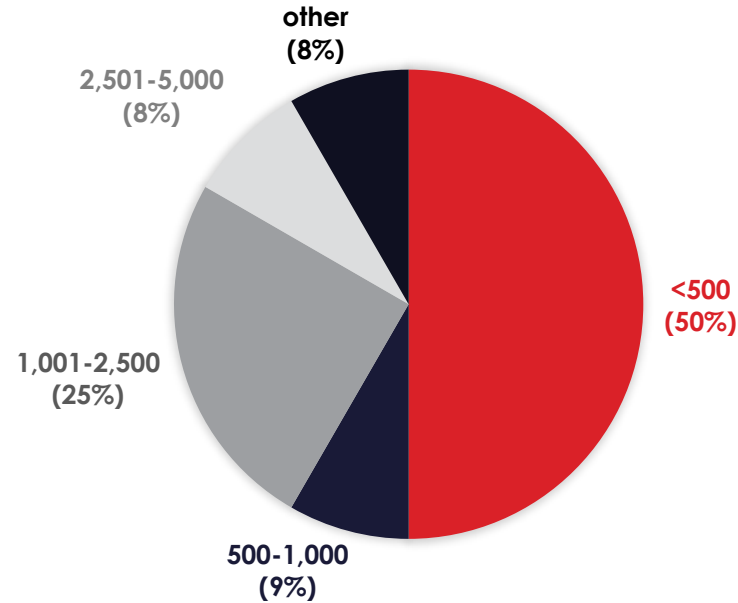
NUMBER OF PRODUCTS REPAIRED



Total number of repaired products estimated at **132,767** representing approximately **95%** of the actual requests

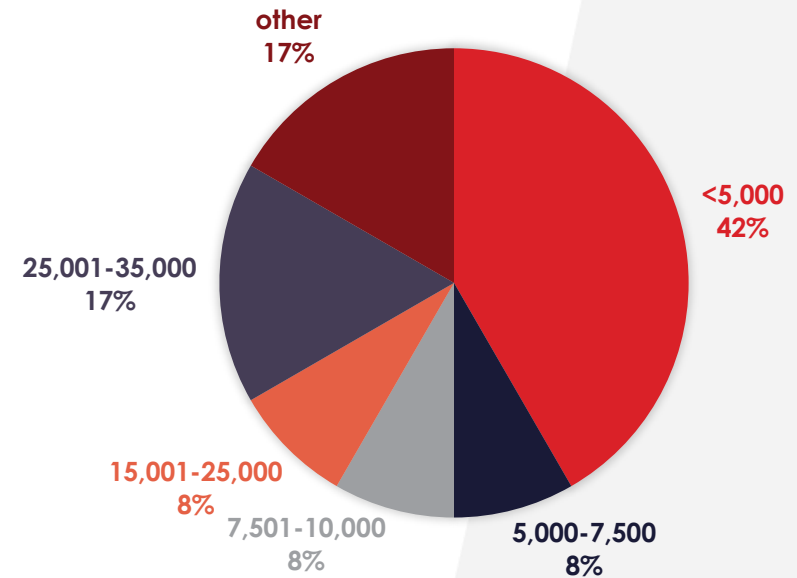
Replacements & spare parts shipped

NUMBER OF REPAIR REQUESTS LEADING TO REPLACEMENT



Total number of repair requests interventions that led to replacement amounts to approximately **9,800 products**, representing **5% of repair requests**

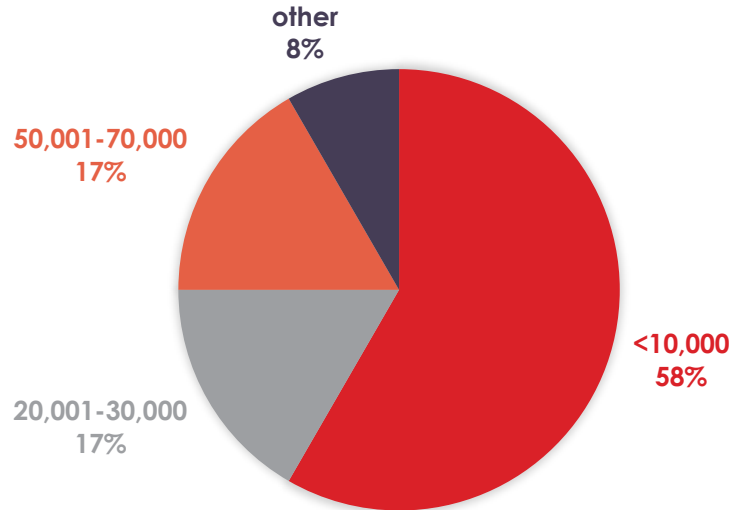
NUMBER OF SPARE PARTS SHIPPED FOR REPAIR



Total number of spare parts shipped for repair across Ireland estimated at **223,975**

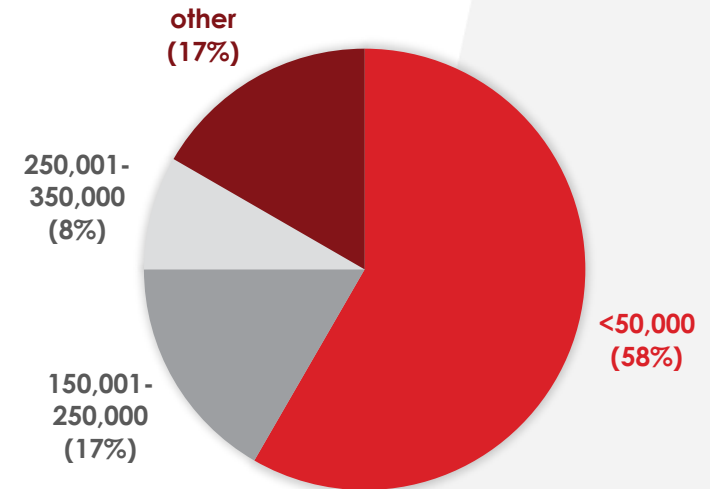
Stock Keeping Units (SKU)

NUMBER OF TYPES OF SKU HANDLED OR STORED



Number of **types** of **Stock Keeping Units (SKUs)** handled or stored as inventory estimated at **197,851 units**

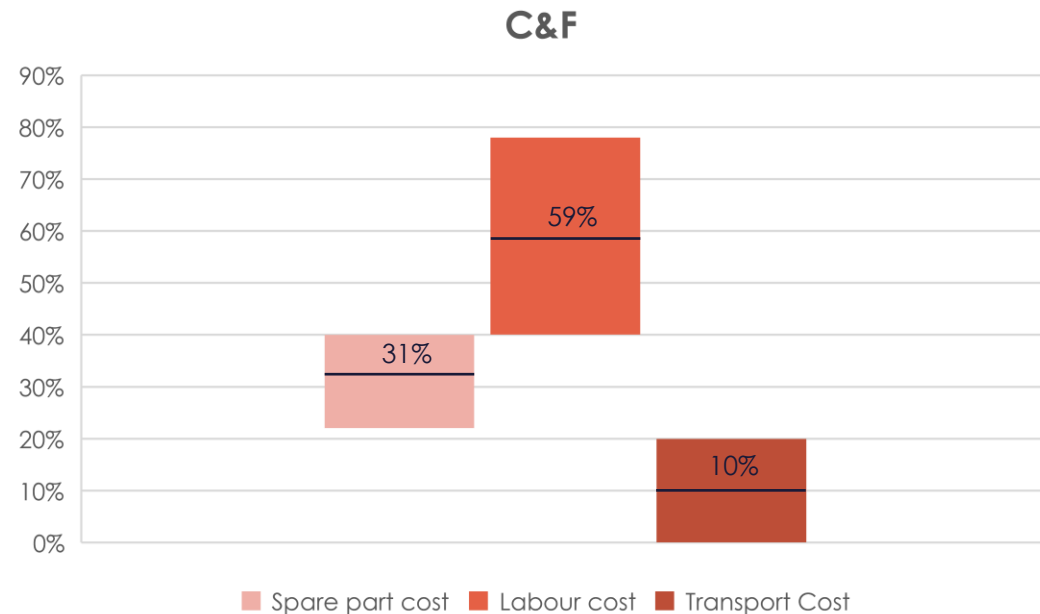
TOTAL NUMBER OF SKU HANDLED OR STORED



Total units of spare parts handled or stored as inventory, estimated at **86,575 units**

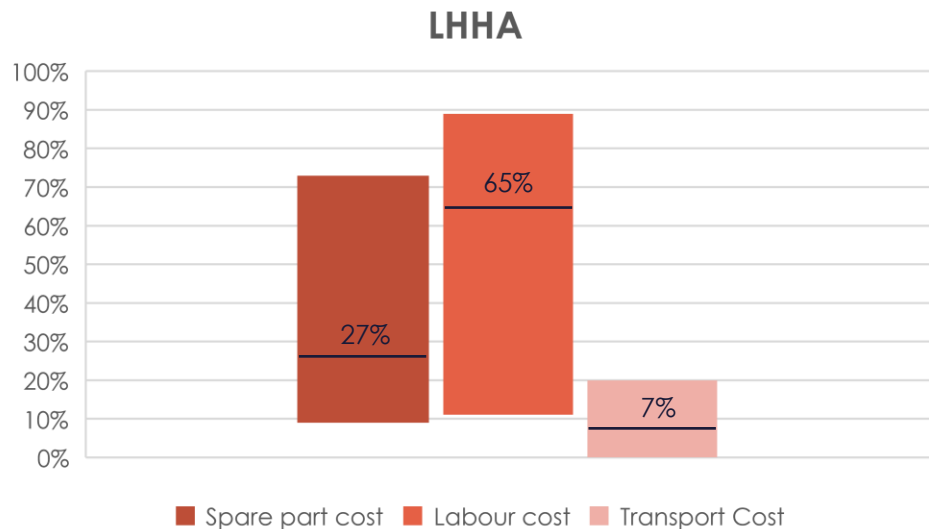
Repair costs – C&F

- Cost breakdown for repair activities, distinguishing between cost for **spare parts**, **labour costs**, and **transport cost**.
- For **Cooling and Freezing (C&F)**, the cost of spare parts, labour, and transport varies significantly, with labour costs representing on average the biggest component (59%) and transport costs the lowest (10%).

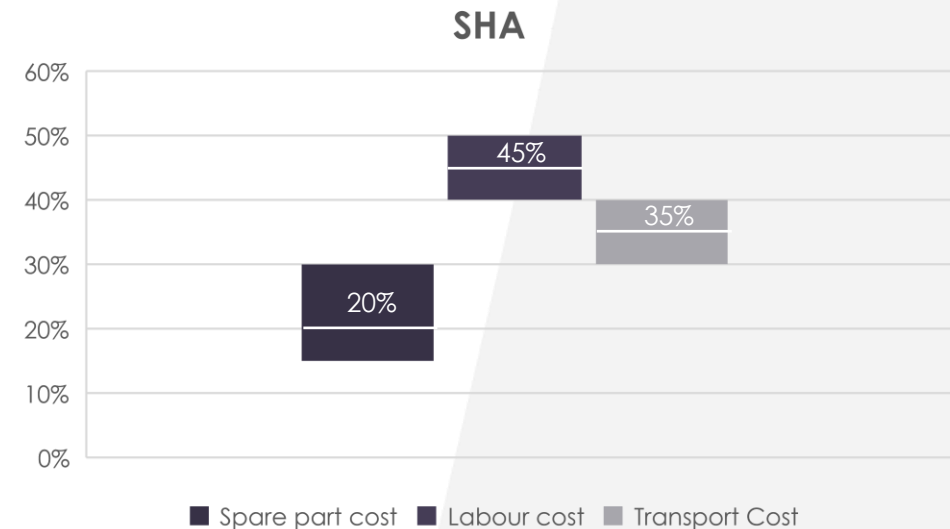


Repair costs – LHHA & SHA

For **large household appliances (LHHA)**, the cost component having the major impact is labour (average of 65%), followed by the cost of spare parts (average of 27%), and finally transport (average of 7%).



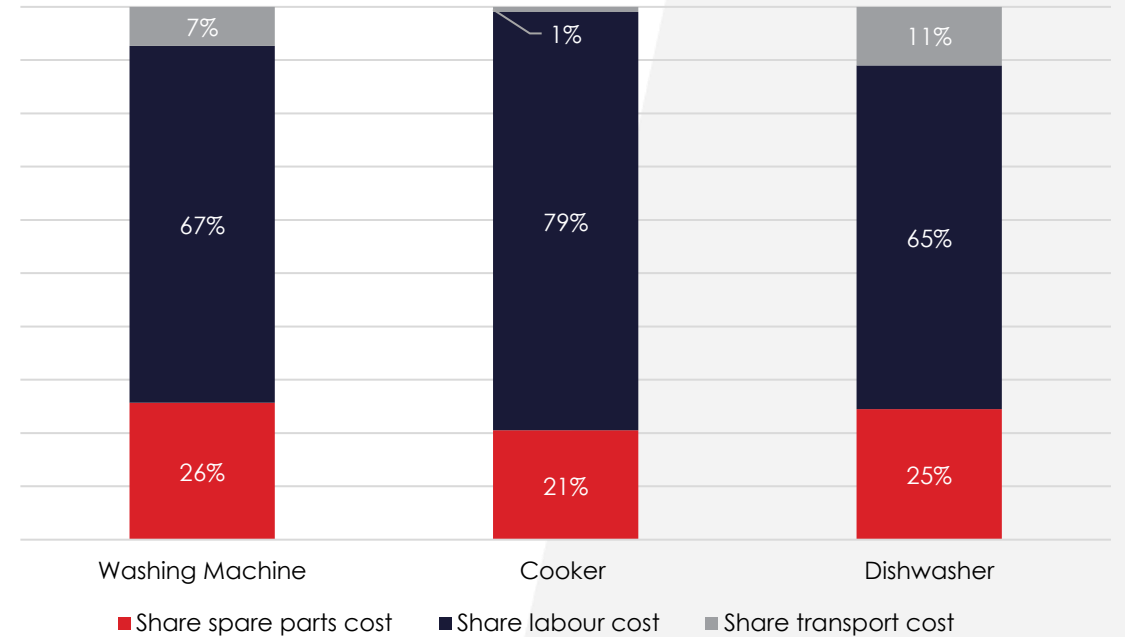
For **small household appliances (SHA)**, labour's cost contributed the most to the total cost (45% on average), followed by transport cost (35%) and spare parts cost (20%).



Repair costs - Appliances

For all 3 appliance types, **labour costs** tend to represent the **highest share** of total costs (between 65% and 79%), followed by spare parts costs (relatively homogeneous between the appliances), and transport costs (on average representing less than 10%).

BREAKDOWN OF REPAIR COST PER APPLIANCE



Conclusion: extrapolation to the Irish market

- Based on the total number of large home appliances put on the Irish market in 2020, we proceeded to extrapolate the survey results to the full size of the Irish market.
- Projecting the survey findings to the Irish market gives the following results:

Total number of job created in
the repair & reuse sectors

790

Total number of repair
and after-sales partners

240

Total number of products
with repair requests

218,900

Total number of products
repaired

209,400

Total number of types
SKUs handled or stored as
inventory

312,000

Total number of SKUs
handled or stored as
inventory

1,366,000

Conclusion: comparison to European market

Total number of job created in
the repair & reuse sectors

2.5 times higher

Total number of repair
and after-sales partners

Almost equivalent

Total number of products
with repair requests

2.5 times higher

Total number of products
repaired

2.6 times higher

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