

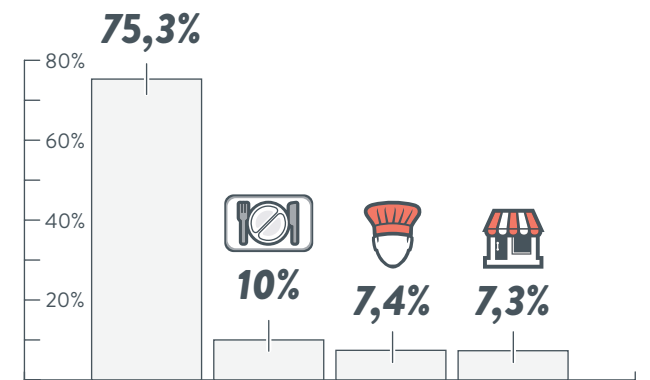
# Food waste

## 2019 study results

The 'Generation, treatment, and prevention of food waste' study calculates that **70,800 tonnes of food in total** is disposed of each year by the food service industry, trade, institutional and corporate catering industry, and households. This amounts to **118 kg per resident per year**. Around **40.5%** of food waste in Luxembourg is avoidable.



### Food waste by source



### Households



Food waste in Luxembourg is about **88.5 kg per capita** annually, of which an average of **21%** is avoidable. This is about **53,300 tonnes** of food waste per year in total.

### Trade



Food waste in wholesale and retail is primarily in the form of products that are no longer deemed marketable (spoiled food, use-by date exceeded, etc.). The overall total of food waste in trade was calculated to be **5,150 tonnes** per year on average, before food donations.

This is **8.7 kg per capita** annually, of which about **90%** is avoidable.

### Food service industry

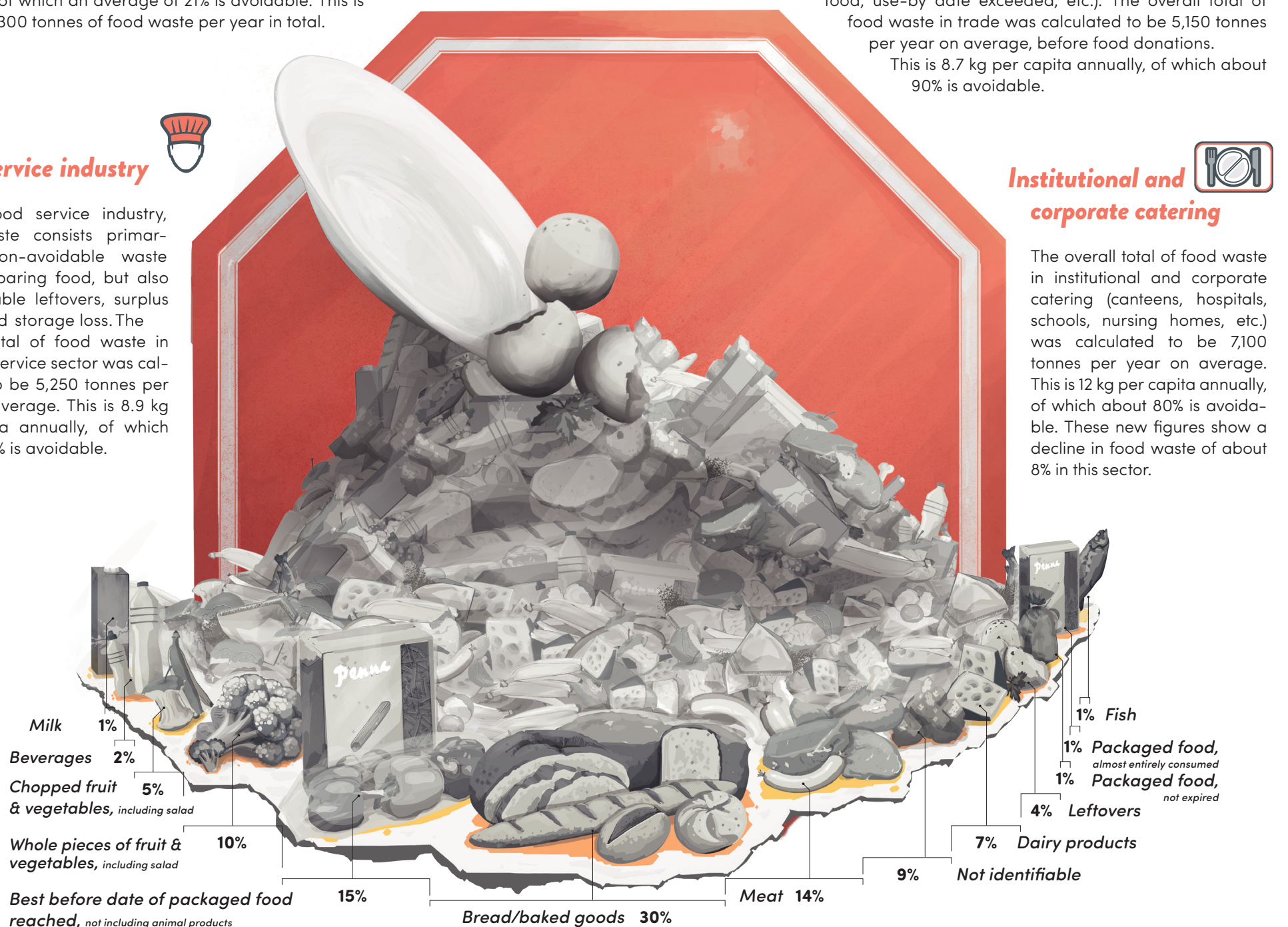


In the food service industry, food waste consists primarily of non-avoidable waste from preparing food, but also of avoidable leftovers, surplus meals and storage loss. The overall total of food waste in the food service sector was calculated to be **5,250 tonnes** per year on average. This is **8.9 kg per capita** annually, of which about **80%** is avoidable.

### Institutional and corporate catering



The overall total of food waste in institutional and corporate catering (canteens, hospitals, schools, nursing homes, etc.) was calculated to be **7,100 tonnes** per year on average. This is **12 kg per capita** annually, of which about **80%** is avoidable. These new figures show a decline in food waste of about **8%** in this sector.



### Avoidable food waste

based on the 2019 residual waste study

### Results

The overall quantity of food in residual waste has risen slightly, something which can be explained by the growing population. However, there is good news – the proportion of avoidable food waste in residual waste has fallen by about **37%**. The likely reasons for this are increased awareness and changes to habits. Currently, the amount of avoidable food waste disposed of by a family of four is less than two-thirds of the amount disposed of by a similar family five years ago (73 kg compared to 116 kg).

### Cost calculation



The calculated costs of avoidable household food waste for Luxembourg are as follows:

- €75.50 per resident per year
- €184.50 per household per year
- €46.5 million per year for Luxembourg



LE GOUVERNEMENT  
DU GRAND-DUCHÉ DE LUXEMBOURG  
Ministère de l'Environnement, du Climat  
et du Développement durable

Administration de l'environnement



More information on the topic can be found at :

[https://environnement.public.lu/fr/offall-ressourcen/types-de-dechets/Biodechets/Gaspillage\\_alimentaire/Etudes\\_et\\_resultats.html](https://environnement.public.lu/fr/offall-ressourcen/types-de-dechets/Biodechets/Gaspillage_alimentaire/Etudes_et_resultats.html)