

# Dataset in municipal strategies for food waste collection in Portugal

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## Description

The dataset provides an updated overview of the separate collection of organic kitchen waste, primarily food waste, across Portugal's 308 municipalities. Data was gathered via a structured questionnaire sent to all municipalities and through a systematic search of secondary official sources, mainly municipal websites and reports.

The collected data includes (i) the waste collection methods used by municipalities, (ii) the sectors targeted by separate collection, (iii) the type of collection in single-family, multi-family, or mixed areas, along with access to waste containers, whether free or controlled, (iv) the date when separate collection was introduced, (v) any changes to regular collection caused by separate collection, (vi) capture rates, (vii) operational and investment costs, (viii) the presence of economic incentive mechanisms, and (ix) the number of residents and establishments served by the separate collection.

## Usage

Views: 4  
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## Latest version

Version 2  
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### Cite this dataset

del Oro Alcalde, Diego; Bugarim, Diogo; Coelho, Telmo; Almeida, Emilia; Silva, Catarina; Cavique, Luis; Sousa, Nuno; Freiria, Susana; Dias-Ferreira, Celia (2025), "Dataset in municipal strategies for food waste collection in Portugal", Mendeley Data, V2, doi: 10.17632/sv66hbm297.2

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## Previous versions

[Version 1](#) 17 October 2025

## Version comparison


 [Compare versions](#)



## Files

 Questionnaire

 Waste Collection.csv

 Star scheme database.jpg

## Steps to reproduce

1. **Questionnaire Design:** Develop a structured questionnaire using Microsoft Forms to gather details on various municipal biowaste collection models- such as nearby bring points, door-to-door, and co-collection. The questions focus on specifics like service coverage area or inhabitants, quantities collected, and financial data.
2. **Distribution to Municipalities:** Send the questionnaire via email to respective municipal waste treatment services.
3. **Primary Data Collection:** Gather and compile the responses, totalling 93 submissions.
4. **Secondary Data Collection:** Perform a systematic search of publicly available official sources to supplement or fill gaps for municipalities that did not respond or had incomplete data. These sources include municipal websites, local or national news outlets, and waste management reports.
5. **Data Validation and Integration:** Cross-check, validate, and enrich the primary data with secondary sources to create a final, well-refined dataset.

## Institutions

Universidade Aberta Departamento de Ciências e Tecnologia

## Categories

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Municipal Waste, Waste Collection, Recycling  
Performance Indicator, Food Waste, Kitchen Waste

## Funders

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