Food Waste in the Swedish Grocery Retail Sector – data reported from the sector

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Swedish Environmental Emission Data

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Food Waste in the Grocery Retail Sector

- Voluntary data contribution from the retail sector (large part of market)
- Interviews and updates to data to ensure similar reporting methods
- Using economic data to account for missing reporting in retail sector
- Food waste in the grocery retail sector
- Future

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Data from Grocery Retail Sector

- Five grocery store chains voluntarily contributed data on food waste for the year 2018 to the Swedish Environmental Protection Agency.

Image from wikimedia

Interviews and data management

- Interviews to ensure similar handling of data from e.g.:
  - Different food categories
  - Transport
  - Donations, incidents etc.
- kg wasted food based on back-calculations from economic loss.
  - ”Scanned” products thrown away
    - Fruit and vegetables
  - Both edible and inedible food waste

- Food waste from grocery stores, no wholesale data included

Image from wikimedia

Covering the whole grocery retail sector

- Business registry Statistics Sweden
  - 2 chains with chain name in all stores
- Market share in NACE:
  - 47111, 47112, 47210, 47220, 47230, 47241 and 47242
- Together with the retail map from HUI/DLF: estimate missing part of relevant NACE:s.

- Assume relationship between food waste and market share
- Calculate total food waste in retail sector

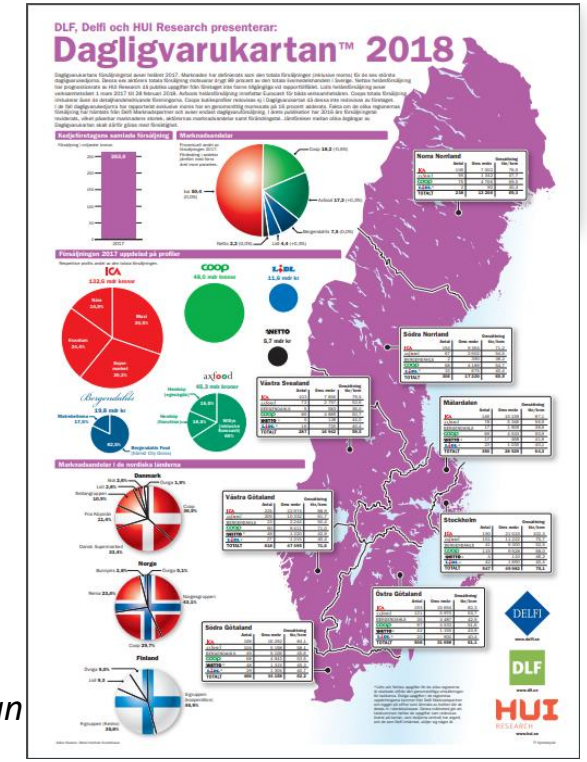

Image from Dagligvarukartan 2018

DELFI
www.delfi.se

DLF
www.dlf.se

HUI RESEARCH
www.hui.se

TT Nyhetsbyrån

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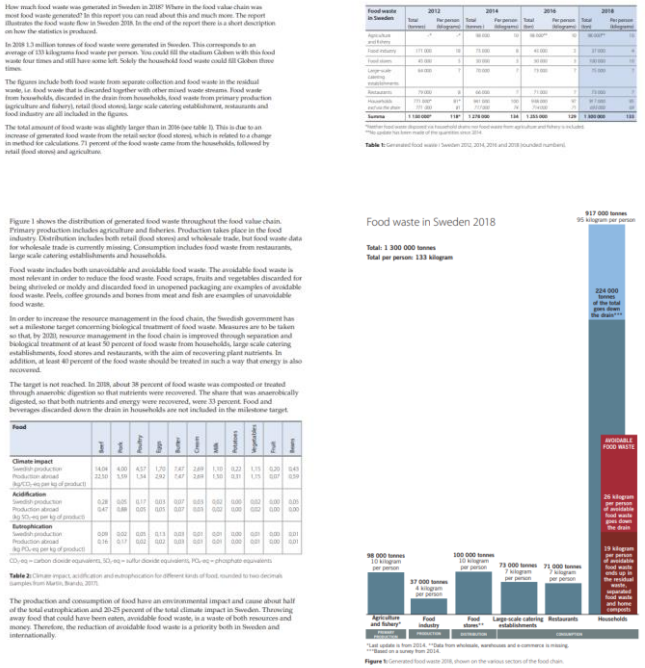
Outcome

- Food waste in grocery retail sector estimated to
  - 100 000 tonnes
    - Ca 10 kg per capita
    - Compare to ca 70 kg per capita for household food waste



[Food Waste in Sweden, EPA Report – english summary](https://www.naturvardsverket.se/Documents/publ-filer/8800/978-91-620-8861-3.pdf?pid=26710)
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Future

- Questionnaire
  - Increase detail level and coherence. Now least common denominator
- Wholesale
- ”Frivillig överrenskommelse” – Voluntary agreement

Questions?

Thank you for listening!

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