WasteDataFlow Method of calculating Mass Balance from WasteDataFlow for a Welsh Unitary Authority

Method of calculating Mass Balance from



*this is all Final Destination type nodes in Q100 beneath a reuse, recycling or composting facility type ONLY.

WasteDataFlow

Table 1 - Percentage of biodegradability of materials listed in WasteDataFlow.

Material	Nominal Biodegradable Content
Green glass	0%
Brown glass	0%
Clear glass	0%
Mixed glass	0%
Paper	100%
Card	100%
Books	100%
Mixed paper & card	100%
Steel cans	0%
Aluminium cans	0%
Mixed cans	0%
Plastics	0%
Mixed Plastic Bottles	0%
PET [1]	0%
HDPE [2]	0%
PVC [3]	0%
LDPE [4]	0%
PP [5]	0%
PS [6]	0%
OTHER PLASTICS [7]	0%
Green garden waste only	100%
Waste food only	100%
Mixed garden and food waste	100%
Wood for composting	100%
Other compostable waste	100%
Wood	100%
Chipboard and MDF	100%
Composite wood materials	100%
WEEE - Large Domestic App	0%
WEEE - Small Domestic App	0%
WEEE - Cathode Ray Tubes	0%
WEEE - Fluorescent tubes and other light bulbs	0%
WEEE - Fridges & Freezers	0%
Other Scrap metal	0%
Automotive batteries	0%
Post consumer, non-automotive batteries	0%
Car tyres	0%
Van tyres	0%
Large vehicle tyres	0%
Mixed tyres	0%
Furniture	50%
Rubble	0%
Soil	0%
Plasterboard	0%

Material	Nominal Biodegradable Content
Vegetable Oil	100%
Mineral Oil	0%
Aluminium foil	0%
Aerosols	0%
Bric-a-brac	0%
Composite food and beverage cartons	75%
Fire extinguishers	0%
Gas bottles	0%
Ink & toner cartridges	0%
Mattresses	50%
Paint	0%
Textiles & footwear	50%
Textiles only	50%
Footwear only	50%
Video tapes, DVDs and CDs	0%
Yellow Pages	100%
Other materials	0%
Bicycles	0%
Co-mingled materials	N/A
Carpets	25%
Absorbent Hygiene Products (AHP)	37%
Incinerator Bottom Ash	0%
Metals from Incinerator Ash	0%

Table 1 - Percentage of biodegradability of materials listed in WasteDataFlow (cont.).

Notes for this guidance

- 1. Question 100 was introduced in 2012 to allow authorities to properly account for their waste flows through treatment/sorting to final recovery or disposal. Question 100 replaced the treatment/recovery/disposal questions previously available in WasteDataFlow. The questions replaced are: Q19, 19a, 35 & 51-65.
- 2. For the purposes of this guidance Municipal Waste refers to Local Authority Collected Municipal Waste only.

Explanation of Terms:

MSW Municipal Solid	Waste
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- BMW Biodegradable Municipal Solid Waste
- MBT **Mechanical Biological Treatment**
- Material Recycling Facility MRF
- MBTRF MBT Reduction Factor is the % by which the MBT process reduces the biodegradability of the MSW.