

MSW_T = Total Local Authority Collected Municipal Waste

Recycling and reuse tonnages from Q10, 11, 12, 16, 17, 18, 33, 34 (including collection rejects) minus all rubble, plasterboard and soil plus residual waste from Q23 minus Collected Non HH: C&D and separately collected asbestos.

BMW % = 64%

Deemed percentage of biodegradable component of Local Authority Collected Municipal Waste in Northern Ireland.

BMW_T = Total Biodegradable Local Authority Collected Municipal Waste

$$BMW_T = BMW\% \times MSW_T$$

Div_T = Total Diverted Local Authority Collected Municipal Waste

Gross tonnage of Recycling & Reuse tonnages sent to final destination in Q 19, Q19a and 35 minus all gross tonnage of rubble, soil and plasterboard (Q19 and 35 only) and any tonnage rejected at the gate of the reprocessor to landfill (except for those associated with rubble, soil and plasterboard) Minus incinerator bottom ash recycled in Q54 & 55, and char and slag recycled in Q57.

Div_B = Biodegradable Content of Diverted Local Authority Collected Municipal Waste

Nominal biodegradable content of each material stream (see Regs) Multiplied by the net amount of each material diverted from landfill in Q19, Q19a & 35 (i.e. Div_T).

Res_T = Total Residual Waste

$$Res_T = MSW_T - Div_T$$

Res_B = Biodegradable Content of Residual Waste

$$Res_B = BMW_T - Div_B$$

RB% = Residual Biodegradable Percentage

$$RB\% = (Res_B / Res_T) \times 100$$

L_D = Directly Landfilled LACMW

Tonnage of waste sent directly to landfill Q51, 52 and 53, minus Q23 Collected Non HH: C&D and separately collected asbestos

L_{Th} = Landfilled after Thermal Treatment

Tonnage of Incinerator Bottom Ash sent to landfill Q54 & 55 plus tonnage of char / slag sent to landfill Q57

L_{MBT} = Landfilled after MBT

Tonnage sent to landfill Q59

MBT_{RF} = MBT Reduction Factor

Site-specific factor calculated by NIEA by which MBT reduces RB%

L_{OT} = Landfilled after Other Treatments

Output tonnage of waste sent to landfill from Q56, 60, 64, 65 plus residue to landfill Q61, 62 & 63.

Div_R = Diverted waste then rejected to landfill

Recycling and reuse reject tonnages from Q10, 11, 12, 16, 17, 33, 34 minus any collection rejects associated with rubble, soil and plasterboard, plus rejects at the gate of the reprocessor in Q19, 19a & 35, minus any rejects associated with rubble, soil and plasterboard (Q19 and 35 only), plus rejects at the MRF Q58.



BMW_L = Biodegradable Municipal Waste Landfilled

$$BMW_L = (L_D \times RB\%) + (L_{Th} \times 0\%) + (L_{MBT} \times (MBT_{RF} \times RB\%)) + (L_{OT} \times RB\%) + (Div_R \times RB\%)$$

Percentage biodegradability of separated fractions of Local Authority Collected Municipal Waste – as appears in the Schedule to Landfill Allowances Scheme (Northern Ireland) Regulations 2004 (as amended)

Type of waste	Amount of Biodegradable Local Authority Collected Municipal waste (percentage by weight)
Paper and Card	100%
Putrescible waste	100%
Vegetable oil	100%
Footwear	50%
Furniture	50%
Textiles	50%
Mineral oil	0%
Electrical and electronic equipment	0%
End-of-life vehicles	0%
Glass	0%
Inert construction and demolition waste	0%
Metal	0%
Plastic	0%
Soil	0%

Explanation of Terms:

LACMW **Local Authority Collected Municipal Waste**

MBT **Mechanical Biological Treatment**

MRF **Material Recycling Facility**