

## Kpi (b) – Percentage of household waste arisings landfilled

### What the indicator measures:

$$\frac{\text{Total tonnage of landfilled household waste}}{\text{Total tonnage of household waste arisings}} \times 100$$

How the numerator and denominator are calculated using WasteDataFlow is summarised below setting out the questions data is drawn from.

### Numerator

1. Sum of tonnage inputs to landfill Q51, 52, 53 plus sum of tonnage sent to landfill via other treatment routes Q56, 59, 60, 64, and 65 plus output from incinerators which is subsequently sent to landfill multiplied by residual- household waste adjustment factor

Include household waste diverted to landfill as outputs from Q56, 59, 60, 64, 65. Some tonnages diverted to landfill from residual treatment may come from non-household sources which need to be excluded using a **Residual household waste adjustment factor:** ratio of total residual household waste collected in Q23 to total local authority collected municipal waste in Q23

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2. A proportion of rejects sent to landfill in Q19 and Q19a attributable to amount collected from household sources

Some Q19 and Q19a rejects may be from non-household sources & need to be excluded  
Q19 and Q19a rejects for household categories to landfill, excluding rubble \* Ratio of household dry recyclables sent for recycling as a proportion of total dry recyclables sent for recycling:  
= total dry recyclables from Q10,12,16,17,33,34 (excl. rubble) / total dry recyclables sent from Q10,11,12,16,17,33,34

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3. Recycling and reuse rejects from household sources Q10, Q12, Q16, Q17, Q18 (household column), Q33 and Q34, (excl.rubble)

Recycling rejects from household sources in Q10, Q12, Q16, Q17, Q18, Q33 and Q34 assumed to be sent to landfill

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4. A proportion of MRF rejects sent to landfill in Q58 attributable to amount collected from household sources.

Q58 rejects for household categories to landfill (excl. rubble) \* Ratio of household dry recyclables sent for recycling as a proportion of total dry recyclables sent for recycling:  
= total dry recyclables from Q10,12,16,17,33,34 (excl. rubble) / total dry recyclables sent from Q10,11,12,16,17,33,34

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5. Recycling rejects from composting processes which are from household sources

Add compost rejects to landfill from household sources. Some compost rejects may be from non-household sources & need to be excluded:  
Q61,62 & 63 rejects to landfill \* Ratio of household green & compostable waste sent for recycling as a proportion of total green & compostable waste sent for recycling  
= total compostables sent from Q10,12,16,17,33,34 / total compostables sent from Q10,11,12,16,17,33,34

***Denominator***

1. Total tonnage of household waste collected for recycling from Q10, Q12, Q16, Q17, Q18 (household waste column), Q33 and Q34.

Excludes rubble.

Material rejected is not deducted as this is part of the total household waste arisings.

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2. Total tonnage of residual household waste from Q23

All collected household residual waste, CA site household, separately collected healthcare waste & street sweepings collected for disposal.