BVPI 82a – Percentage of household waste arisings which have been sent by the Authority for recycling

What the indicator measures:
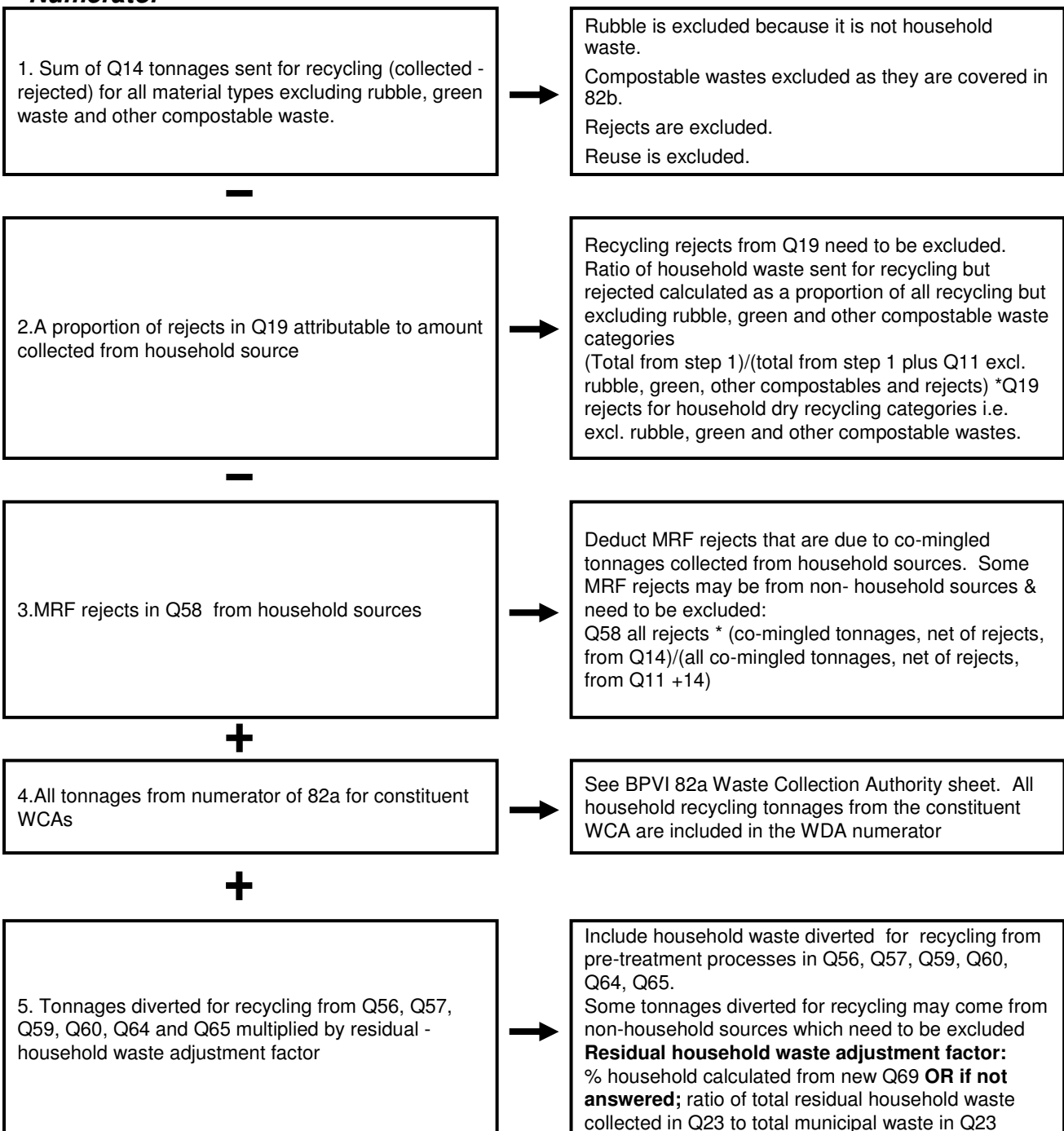
Numerator	**Total tonnage of household waste sent for recycling** (excludes wastes sent for composting which are covered by 82b)	**x 100**
Denominator	**Total tonnage of household waste arisings**	

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

Numerator

1. Sum of Q14 tonnages sent for recycling (collected - rejected) for all material types excluding rubble, green waste and other compostable waste.	→	Rubble is excluded because it is not household waste. Compostable wastes excluded as they are covered in 82b. Rejects are excluded. Reuse is excluded.

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2.A proportion of rejects in Q19 attributable to amount collected from household source	→	Recycling rejects from Q19 need to be excluded. Ratio of household waste sent for recycling but rejected calculated as a proportion of all recycling but excluding rubble, green and other compostable waste categories (Total from step 1)/(total from step 1 plus Q11 excl. rubble, green, other compostables and rejects) *Q19 rejects for household dry recycling categories i.e. excl. rubble, green and other compostable wastes.

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3.MRF rejects in Q58 from household sources	→	Deduct MRF rejects that are due to co-mingled tonnages collected from household sources. Some MRF rejects may be from non- household sources & need to be excluded: Q58 all rejects * (co-mingled tonnages, net of rejects, from Q14)/(all co-mingled tonnages, net of rejects, from Q11 +14)

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4.All tonnages from numerator of 82a for constituent WCAs	→	See BPVI 82a Waste Collection Authority sheet. All household recycling tonnages from the constituent WCA are included in the WDA numerator

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5. Tonnages diverted for recycling from Q56, Q57, Q59, Q60, Q64 and Q65 multiplied by residual - household waste adjustment factor	→	Include household waste diverted for recycling from pre-treatment processes in Q56, Q57, Q59, Q60, Q64, Q65. Some tonnages diverted for recycling may come from non-household sources which need to be excluded **Residual household waste adjustment factor:** % household calculated from new Q69 **OR if not answered;** ratio of total residual household waste collected in Q23 to total municipal waste in Q23

Denominator

| 1. Total tonnage of household waste collected for recycling from Q14 | → | Excludes rubble and re-use. 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 waste, CA site household, separately collected healthcare waste & gully emptyings.   A WDA reports waste from all constituent WCAs in Q23. |

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| 3. From each constituent WCA. Total tonnage of household waste collected for recycling (Q10, Q12, Q16, Q17, Q18 household column, Q33, Q34) | → | All household recycling tonnages from the constituent WCA are included in the WDA Denominator. Excludes rubble and re-use. Material rejected is not deducted as this is part of the total household waste arisings. |