

# enviroIndex™ Waste & Recycle Material Calculators

You can select the type of waste or recycle material:

**Demonstration enviroIndex™ Materials Calculator**

This demonstration calculator uses averaged general data

Specify type and quantity of one or more waste (e.g., mixed waste) and/or recycle materials (e.g., paper and cardboard) and the units they were measured in (e.g., lb, kg, gallons, R3).

Go Back

Use this mini-calculator to estimate the total volume of waste or recycle put in storage containers (e.g., garbage bins, plastic sacks, dumpsters) that are collected

Material storage container(s)			Collected storage containers		Total volume collected in cubic yard (yd3)
Number	Size	Unit measured in	Average % full	Number of collections	
2	2.0	cubic yard (yd3)	80-89.9%	1.0	3.40

**Waste materials disposed of**

Landfill gas use<sup>9</sup> Energy recovery methane gas is burnt to provide energy

Waste material disposed of				Material compacted on-site	Waste material converted to units of cubic foot (ft3)	Estimated landfill greenhouse gas (CO2e) <sup>10</sup> emissions in short ton	Optional information (if provided, used in the printable record)
Type	Quantity	Unit measured in					Disposal cost Revenue obtained Net cost
Mixed wastes (domestic)	88.40	cubic yard (yd3)	No		2387	7.999	
Food waste	14.00	kiloiter (kL)	No		494.4	0.903	
Totals:						2881	8.502

**Recycled materials collected**

Recycled material collected				Material compacted on-site	Recycled material converted to units of cubic foot (ft3)	Estimated avoided <sup>11</sup> greenhouse gas (CO2e) <sup>10</sup> emissions in short ton	Optional information (if provided, used in the printable record)
Type	Quantity	Unit measured in					Collection cost Revenue obtained Net return
Aluminum	125.00	kilogram (kg)	No		20.07	2.076	
Food waste	12.00	cubic yard (yd3)	No		324.0	7.157	
Mixed recyclables	37.00	cubic yard (yd3)	No		999.0	20.42	
Totals:							

You can select the unit (volume or weight) that either waste or recycle material is measured in, and an estimate of the greenhouse gasses produced or saved (by avoiding landfill through recycling) will be calculated:

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Paper and cardboard	12.00	cubic meter (m3)	No		324.0	7.157	
Mixed recyclables	37.00	gallon - US	No		999.0	20.42	
Totals:							

You can select the type of landfill that waste is sent to (impacts on greenhouse gas emissions):

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**Waste materials disposed of**

Landfill gas use<sup>9</sup> Energy recovery Gas is flared Gas is not used Not known methane gas is burnt to provide energy

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