



## Determine the Weight of Your Debris

### How to convert pounds into tons:

To convert pounds to tons, divide the number of pounds by 2000 (1 ton = 2,000 pounds).

*Example:* 700 pounds (lbs) ÷ 2000 pounds/ton = 0.35 tons

### How to convert cubic yards into tons:

Select the type of material recycled/reused from the chart on the right

Multiply the corresponding number by the total number of cubic yards recycled/reused.

1 cubic yard of asphalt = 0.69 tons (T)

*Example:* 5 cubic yards (cy) of asphalt =  
5 cy x 0.69 tons per cubic yard = 3.45 tons

Material Type	Tons per Cubic Yard
Asphalt	0.69
Brick	1.51
Cardboard	0.05
Concrete	0.93
Dirt/Clean Fill	1.00
Drywall/Sheetrock	0.20
Lumber	0.17
Plastic	0.17
Roofing Materials	0.21
Metals	0.45
Mixed Materials	0.25
Yard Trimmings/ Green Waste	0.05

### Salvaged Materials:

Please estimate the quantity of material recycled/reused. Your estimates should be provided in tons.

*Example:* 25 pounds ÷ 2000 pounds per ton = 0.02 tons

### How to calculate the percentage of materials recycled and/or reused:

To determine the percentage of material recycled/reused, divide the number of tons which were recycled/reused by the TOTAL tonnage generated by this job.

$$\text{DIVERSION RATE} = \frac{\text{Percent Recycled and Reused}}{\left( \frac{\text{recycled tons} + \text{reused tons}}{\text{recycled tons} + \text{reused tons} + \text{disposed tons}} \right)} \times 100\%$$

*Example:* 
$$\frac{1 \text{ ton recycled} + 1 \text{ ton reused}}{1 \text{ ton recycled} + 1 \text{ ton reused} + 2 \text{ tons disposed (landfilled)}} = \frac{2}{4} = 0.5 \text{ (multiply 0.5 by 100 = 100\%)}$$