

Construction / Demolition Recycling Report

Conversion Table

To calculate the percentage of materials recycled and/or reused:

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

$$\text{Percent Recycled/Reused} = \frac{\text{recycling} + \text{reused tons}}{\text{recycling tons} + \text{reused tons} + \text{disposed tons}}$$

Example:
$$\frac{1 \text{ ton recycling} + 1 \text{ ton reused}}{1 \text{ ton recycling} + 1 \text{ ton reused} + 2 \text{ tons disposal}} = \frac{2}{4} = 0.5 \text{ (multiply 0.5 by 100 = 100\%)}$$

Salvaged Materials:

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

Example: $25 \text{ pounds} \div 2000 \text{ pounds} = 0.02 \text{ tons}$

How to convert pounds to tons:

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

Example: $700 \text{ pounds} \div 2000 \text{ pounds} = 0.35 \text{ tons}$

How to convert cubic yards to tons:

Select the type of material recycled/reused from the chart to the right. \longrightarrow

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

1 cubic yard of asphalt = 0.69 tons

Example: $5 \text{ cu. yds. of asphalt} = 5 \times 0.69 = 3.45 \text{ tons}$

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
Green Waste	0.05

