



Construction & Demolition Debris Recycling & Reuse Program

Permit applicants for qualifying construction, renovation, and demolition projects are required to divert at least 65% of the waste generated from the landfill.

The following materials should be considered for recycling and reuse:

- Appliances
- Asphalt
- Brick
- Building materials - doors, windows, fixtures, cabinets
- Cardboard
- Carpet
- Carpet padding and foam/laminate flooring
- Ceiling tile
- Concrete
- Dirt/Clean fill
- Drywall
- Landscape debris (brush, trees, branches, stumps, leaves, and grass)
- Lumber/wood/pallets - unpainted and unfinished
- Masonry tile
- Metal - ferrous and nonferrous
- Plastics - PET (#1) and HDPE (#2)
- Plate/window glass



STANDARDIZED GENERATION RATES

These generation rates should be used by applicants preparing Waste Management Plans for construction, renovation, and demolition projects to estimate the quantity of construction and demolition debris that will be generated.

Construction Projects:

Type of Project	C&D Debris Pounds per sq.ft.
Single family home.....	4.6
Multifamily.....	4.0
Commercial.....	3.9

Demolition Projects:

Type of Project	C&D Debris Pounds per sq.ft.
Single family home (without basement).....	50
Single family home (with concrete basement)	111
Multifamily.....	127
Commercial.....	155

Renovation Projects - residential

Type of Project	C&D Debris Pounds per sq.ft.
Kitchen (minor)	0.75
Kitchen (major)	4.5
Baths (minor)	0.25
Baths (major)	1.00
Room additions.....	0.75



Construction & Demolition Debris Recycling & Reuse Program

STANDARDIZED CONVERSION FACTORS

These factors should be used by Applicants preparing Final Reports to convert the quantity of recycled or reused materials from volume to weight. The amount of a material recorded in cubic yards should be multiplied by the appropriate factor (pounds per cubic yard), and then divided by 2,000, to determine the number of tons of the material recycled or reused.

Example: To convert a quantity of cubic yards of cardboard to tons

$$(5 \text{ cubic yards of cardboard}) \times (300 \text{ pounds per cubic yard}) = 1,500 \text{ pounds}$$

$$(1,500 \text{ pounds}) \div (2,000 \text{ pounds per ton}) = 0.75 \text{ tons}$$

Material	Pounds per Cubic Yard
Asphalt.....	1,400
Brick.....	3,200
Building Materials.....	300
Cardboard.....	120
Carpet.....	600
Carpet Padding & Foam.....	6.25
Ceiling Tile.....	175
Concrete.....	1,800
Drywall.....	500
Green Waste (raw).....	350
Landscape Debris.....	300
Lumber & Wood.....	300
Metals - ferrous.....	906
Metals - nonferrous.....	175
Plastics.....	35
Rock.....	2,570
Soil, Dry.....	2,025
Soil, Wet.....	2,106
Stone/Gravel.....	2,633