



Construction & Demolition Debris Recycling & Reuse Program

Permit applicants for construction, renovation, and demolition projects valued at or greater than \$75,000 are required to divert 50% of the waste generated.

The following materials should be considered for recycling and reuse.

- Appliances
- Asphalt
- Brick
- Building materials - doors, windows, and fixtures
- Cardboard
- Carpet
- Carpet padding and foam
- Ceiling tile
- Concrete
- Drywall
- Landscape debris (brush, trees, branches, stumps, leaves, and grass)
- Lumber and wood - unpainted and unfinished
- Masonry tile
- Metal - ferrous and nonferrous
- Plastics - PET (#1) and HDPE (#2)



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



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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	1,400
Building Materials	300
Cardboard	120
Carpet.....	600
Carpet Padding & Foam.....	6.25
Ceiling Tile.....	175
Concrete	1,800
Drywall.....	500
Landscape Debris	300
Lumber & Wood	300
Metals - ferrous	906
Metals - nonferrous	175
Plastics	35