

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)

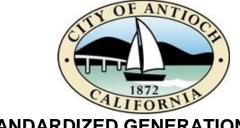
Lumber/wood/pallets - unpainted and unfinished

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



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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 cubic yards of cardboard) x (300 pounds per cubic yard) = 1,500 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