



CITY OF SAN DIEGO CONSTRUCTION & DEMOLITION (C&D) DEBRIS CONVERSION RATE TABLE



This worksheet lists materials typically generated from a construction or demolition project and provides formulas for converting common units (i.e., cubic yards, square feet, and board feet) to tons. It should be used for preparing your Waste Management Form, which requires that quantities be provided in tons.

Step 1
Enter the estimated quantity for each applicable material in Column I, based on units of cubic yards (cy), square feet (sq ft), or board feet (bd ft).

Step 2
Multiply by Tons/Unit figure listed in Column II. Enter the result for each material in Column III. If using Excel version, column III will automatically calculate tons.

Step 3
Enter quantities for each separated material from Column III on this worksheet into the corresponding section of your Waste Management Form.

For your final calculations, use the actual quantities, based on weight tags, gate receipts, or other documents.

<u>Category</u>	<u>Material</u>	<u>Column I</u>		<u>Column II</u>		<u>Column III</u>
		<u>Volume</u>	<u>Unit</u>	<u>Tons/Unit</u>	<u>Tons</u>	
Asphalt/Concrete	Asphalt (broken)	_____	cy	x	0.70 =	_____
	Concrete (broken)	_____	cy	x	1.20 =	_____
	Concrete (solid slab)	_____	cy	x	1.30 =	_____
Brick/Masonry/Tile	Brick (broken)	_____	cy	x	0.70 =	_____
	Brick (whole, palletized)	_____	cy	x	1.51 =	_____
	Masonry Brick (broken)	_____	cy	x	0.60 =	_____
	Tile	_____	sq ft	x	0.00175 =	_____
Building Materials (doors, windows, cabinets, etc.)		_____	cy	x	0.15 =	_____
Cardboard (flat)		_____	cy	x	0.05 =	_____
Carpet	By square foot	_____	sq ft	x	0.0005 =	_____
	By cubic yard	_____	cy	x	0.30 =	_____
Carpet Padding/Foam		_____	sq ft	x	0.000125 =	_____
Ceiling Tiles	Whole (palletized)	_____	sq ft	x	0.0003 =	_____
	Loose	_____	cy	x	0.09 =	_____
Drywall (new or used)	1/2" (by square foot)	_____	sq ft	x	0.0008 =	_____
	5/8" (by square foot)	_____	sq ft	x	0.00105 =	_____
	Demo/used (by cubic yd)	_____	cy	x	0.25 =	_____
Earth	Loose/Dry	_____	cy	x	1.20 =	_____
	Excavated/Wet	_____	cy	x	1.30 =	_____
	Sand (loose)	_____	cy	x	1.20 =	_____
Landscape Debris (brush, trees, etc)		_____	cy	x	0.15 =	_____
Mixed Debris	Construction	_____	cy	x	0.18 =	_____
	Demolition	_____	cy	x	1.19 =	_____
Scrap metal		_____	cy	x	0.51 =	_____
Shingles, asphalt		_____	cy	x	0.22 =	_____
Stone (crushed)		_____	cy	x	2.35 =	_____
Unpainted Wood & Pallets	By board foot	_____	bd ft	x	0.001375 =	_____
	By cubic yard	_____	cy	x	0.15 =	_____
Garbage/Trash		_____	cy	x	0.18 =	_____
Other (estimated weight)		_____	cy	x	estimate =	_____
		_____	cy	x	estimate =	_____
		_____	cy	x	estimate =	_____
		_____	cy	x	estimate =	_____

