

Standard Volume-to-Weight Conversion Factors

Category	Recyclable Materials	Volume	Est. Wt. (TONS)	Source
Appliances	Dishwasher	1 unit	0.063	1
	Clothes Dryer	1 unit	0.063	1
	Stove	1 unit	0.075	1
	Refrigerator	1 unit	0.125	1
	Clothes Washer	1 unit	0.075	1
Automotive	Automotive Lead-acid Battery	one	0.018	3
	Truck Lead-acid Battery	one	0.024	3
	Light Duty Tires (passenger, light truck)	one	0.011	5
	Commercial Tires	one	0.060	5
	Used Motor Oil	gal.	0.004	2
	Antifreeze	gal.	0.004	2
	Carpet	cu. yd.	0.074	6
Carpeting	Carpet Padding	cu. yd.	0.031	6
Commingled Recyclables	Commingled Containers (Plastic bottles, Aluminum cans, Steel cans, Glass bottles) and Paper	cu. yd.	0.131	4
	Commingled Containers (Plastic bottles, Aluminum cans, Steel cans, Glass bottles), Corrugated Containers, Paper	cu. yd.	0.056	4
	Commingled Containers (Plastic bottles, Aluminum cans, Steel cans, Glass bottles) – NO PAPER	cu. yd.	0.034	4
	Containers (Cans, Plastic) - NO GLASS OR PAPER	cu. yd.	0.016	7
	Residential Recyclables Containers (Cans, Plastic) and Paper – NO GLASS	cu. yd.	0.130	2
Electronics	Desktop	one	0.014	24
	Laptop	one	0.005	24
	CRT Monitor	one	0.020	1
	15" Monitor	one	0.015	2
	17" Monitor	one	0.023	2
	21" Monitor	one	0.030	2
	Flat Panel Monitor	one	0.012	1
	Mixed Monitors	one	0.015	24
	CRT TV < 19 inch	one	0.021	1
	CRT TV ≥ 19 inch	one	0.037	1
	Printers	one	0.008	24
	Mice	one	0.0001	9
	Keyboards	one	0.001	9
	Cellular Phone	one	0.00011	9
	Computer-related Electronics	cu. yd.	0.177	6
	Other Small Consumer Electronics	cu. yd.	0.219	6
Category	Recyclable Materials	Volume	Est. Wt. (TONS)	Source
Food	Fats, Oils, Grease	55 gal.	0.206	2
	Organics - commercial	cu. yd.	0.068	21
	Source Separated Organics - commercial	cu. yd.	0.500	15

	<i>Food Waste - restaurants</i>	cu. yd.	0.198	21
	<i>Food Waste</i>	cu. yd.	0.232	4
	<i>Food Waste</i>	cu. foot	0.011 - 0.023	4
	<i>Food Waste</i>	64-gal. toter	0.075	4
Glass	<i>Bottles, Whole</i>	cu. yd.	0.30-0.50	4
	<i>Bottles, Semi-crushed</i>	cu. yd.	0.50-0.90	4
	<i>Bottles, Crushed (mechanically)</i>	cu. yd.	0.40-1.35	4
Metals	<i>Aluminum Cans - Uncompacted</i>	cu. yd.	0.023	4
	<i>Steel Cans - Whole</i>	cu. yd.	0.025 - 0.088	10
	<i>Other Ferrous Metal</i>	cu. yd.	0.113	18
	<i>Other Non-Ferrous Metal</i>	cu. yd.	0.113	18
Paper	<i>Loose newsprint</i>	cu. yd.	0.18 - 0.4	1
	<i>Books - paperback, loose</i>	cu. yd.	0.214	23
	<i>Old Corrugated Containers - Flattened</i>	cu. yd.	0.053	4
	<i>Computer Paper - Loose</i>	cu. yd.	0.188 - 0.233	1
	<i>Computer Paper - Compacted/Baled</i>	cu. yd.	0.378 - 0.463	1
	<i>Mixed Office Paper - Loose</i>	cu. yd.	0.162	4
	<i>Mixed Office Paper - Compacted</i>	cu. yd.	0.305 - 0.378	1
	<i>Mixed Office Paper - Shredded</i>	cu. yd.	0.064	4
	<i>Cartons (milk and juice) uncrushed</i>	cu. yd.	0.025	7
Plastics	<i>Mixed PET and HDPE - Loose</i>	cu. yd.	0.016	7
	<i>Mixed Bottles/Containers #1 - #7 - Loose</i>	cu. yd.	0.020	4
	<i>Mixed Bottles/Containers #3 - #7 - Loose</i>	cu. yd.	0.013	4
	<i>LDPE Film, loose</i>	cu. yd.	0.018	13
	<i>LDPE Film, compacted</i>	cu. yd.	0.075	13
	<i>Trash Bags</i>	cu. yd.	0.018	6
	<i>Grocery/Merchandise Bags</i>	cu. yd.	0.018	6
	<i>Expanded Polystyrene Packaging/Insulation</i>	cu. yd.	0.016	6
Textiles Wood	<i>Mixed Textiles Loose</i>	cu. yd.	0.063 - 0.088	10
	<i>Wood Chips, green</i>	cu. yd.	0.237	1
	<i>Wood Chips, dry</i>	cu. yd.	0.122	1
	<i>Saw Dust, wet</i>	cu. yd.	0.265	1
	<i>Saw Dust, dry</i>	cu. yd.	0.138	1
	<i>Pallets</i>	one	0.013	1
	<i>Christmas Trees, loose</i>	cu. yd.	0.015	1
	<i>Leaves</i>	cu. yd.	0.125 - 0.25	1
Yard Trimmings	<i>Mixed Yard Waste - Uncompacted</i>	cu. yd.	0.125	1
	<i>Mixed Yard Waste - Compacted</i>	cu. yd.	0.320	1
	<i>Prunings & Trimmings</i>	cu. yd.	0.064	6
	<i>Branches & Stumps</i>	cu. yd.	0.064	6
C & D	<i>Concrete with Re-bar</i>	cu. yd.	0.430	18
	<i>Asphalt Paving with Re-bar</i>	cu. yd.	0.387	19

	<i>Composition Roofing</i>	cu. yd.	0.366	18
	<i>Other Asphalt Roofing</i>	cu. yd.	0.366	18
	<i>Other Roofing Aggregates</i>	cu. yd.	0.430	18
	<i>Clean Dimensional Lumber</i>	cu. yd.	0.085	18
	<i>Painted/Stained Wood</i>	cu. yd.	0.085	18
	<i>Treated Wood</i>	cu. yd.	0.085	18
	<i>Clean Gypsum Board</i>	cu. yd.	0.234	18
	<i>Rock/Gravel</i>	cu. yd.	0.500	18
	<i>Dirt and Sand</i>	cu. yd.	0.465	18
	<i>Remainder/Composite Construction and Demolition</i>	cu. yd.	0.209	18
	<i>Construction & Demolition Bulk</i>	cu. yd.	0.242	20
	<i>HVAC Ducting</i>	cu. yd.	0.024	18

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