

## Volume to Weight Conversion Table

Material	Volume	Weight	Material	Volume	Weight
Aluminum cans-whole	1yd <sup>3</sup>	63 lbs.	Lead acid batteries	1 battery	9.5-53 lbs.**
Antifreeze*	1 gallon	9.8 lbs.	Metal license tags*	1 tag	0.31 lbs.
Asphalt*	1yd <sup>3</sup>	1,380 lbs.	Mixed wood	1yd <sup>3</sup>	372 lbs.
Automobiles	1 car	2,052 lbs.	Motor oil*	1 gallon	7 lbs.
Cardboard-compacted	1yd <sup>3</sup>	400 lbs.	Motor oil filters	1 filter	1 lb.
Cardboard-uncompacted	1yd <sup>3</sup>	50-150 lbs.^	Newspaper-uncompacted	1yd <sup>3</sup>	433 lbs.
Cardboard-baled	1yd <sup>3</sup>	900 lbs.	Office paper-computer	1yd <sup>3</sup>	655 lbs.
Commingled containers	1yd <sup>3</sup>	248 lbs.	Office paper-mixed	1yd <sup>3</sup>	435 lbs.
Computer CPU	1 CPU	35 lbs.	Paint	1 gallon	10 lbs.
Computer keyboard	1 keyboard	2.5 lbs.	Pallets	1 pallet	40 lbs.
Computer monitor	1 monitor	41 lbs.	Plastic bottles-whole	1yd <sup>3</sup>	32 lbs.
Concrete	1yd <sup>3</sup>	4,000 lbs.	Scrap tires-car/truck	1 tire	21/70 lbs.
Fluorescent light tubes	1 tube	0.83 lbs.	Telephone directories	1 book	4.5 lbs.
Food Waste	55 gal. drum	412 lbs.	Tin/steel cans-whole/flattened	1yd <sup>3</sup>	150/850 lbs.
Frying grease	55 gal. drum	405 lbs.	White goods (large)	1 item	143 lbs.
Glass	1yd <sup>3</sup>	600-1,400 lbs.+	Yard waste-compacted	1yd <sup>3</sup>	700 lbs.
Industrial Fluids*	1 gallon	8.5 lbs.	Yard waste-uncompacted	1yd <sup>3</sup>	470 lbs.
Laser toner cartridges	1 cartridge	3 lbs.			

^ Loose, unflattened cardboard weighs 50 lbs./yd<sup>3</sup>, crushed cardboard weighs closer to 150 lbs./yd<sup>3</sup>.

\* Should be included as a **Non-MRA Material**.

+ 600 lbs. for whole glass, 1,400 lbs. for manually broken glass.

\*\* 9.5 lbs. for a motorcycle battery, 39 lbs. for a car battery, 53 lbs. for a truck battery.

### Other helpful hints to determine recycling weights:

**Aluminum cans:** flattened 1yd<sup>3</sup> weighs 340 lbs., uncompacted 1 full grocery bag weighs 1.5 lbs., uncompacted 1 case of 24 cans weighs 0.75 lbs., 32 cans weigh 1 lb.

**Glass:** 1 case of 24-8 oz. glass containers weigh 12 lbs., 24-12 oz. glass containers weigh 14 lbs., manually broken bottles in a 55-gallon drum weigh 300 lbs.

**Gaylord box:** approx. 1 yd<sup>3</sup> (3'x3'x3')