

CONVERSION TABLE

Listed below are conversion factors compiled by the Solid and Hazardous Waste Management Program to assist Recycling Coordinators in the calculation of tonnages when the materials are reported to them in volumes as opposed to weights.

<u>Paper</u>	<u>UNCOMPACTED</u>	<u>COMPACTED</u>
01-Corrugated	40 lbs/cy 50 cy = 1 ton	500 lbs/cy 4 cy = 1 ton
02-Mixed Office Paper	400 lbs/cy 5 cy = 1 ton	755 lbs/cy 2.65 cy = 1 ton
03-Newspaper	500 lbs/cy 4 cy = 1 ton	865 lbs/cy 2.31 cy = 1 ton
 <u>Containers</u>		
05-Glass (loose)	600 lbs/cy 3.33 cy = 1 ton	1,500 lbs/cy 1.33 cy = 1 ton
05-Glass (manually broken)	1,000 lbs/cy 2 cy = 1 ton	1,500 lbs/cy 1.33 cy = 1 ton
06-Aluminum Cans	74 lbs/cy 27.02 cy = 1 ton	250 lbs/cy 8 cy = 1 ton
07-Steel Cans	150 lbs/cy 13.33 cy = 1 ton	350 lbs/cy 5.71 cy = 1 ton
08-Plastic Cont (PETE)	30 lbs/cy 66.66 cy = 1 ton	515 lbs/cy 3.88 cy = 1 ton
08-Plastic Cont (HDPE)	25 lbs/cy 80 cy = 1 ton	270 lbs/cy 7.41 cy = 1 ton
 <u>Autos</u>		
	<u>WEIGHT/UNIT</u>	<u>UNITS/TON</u>
12-Anti-freeze	7 lbs/gallon	285.71 gallons/ton
13-Batteries, Lead-Acid	33 lbs/battery	60.61 batteries/ton
15-Tires-Passenger	20 lbs/tire	100 tires/ton
15-Tires-Truck	90 lbs/tire	22.22 tires/ton
16-Used Motor Oil	7 lbs/gallon	285.71 gallons/ton

<u>Yard Material</u>	<u>WEIGHT/UNIT</u>	<u>UNITS/TON</u>
17-Brush-Chipped	500 lbs/cy	4 cy = 1 ton
17-Brush-Unchipped	250 lbs/cy	8 cy = 1 ton
18-Grass Compacted	1,111 lbs/cy	1.8 cy = 1 ton
18-Grass Uncompacted	741 lbs/cy	2.7 cy = 1 ton
19-Leaves Compacted	1,000 lbs/cy	2 cy = 1 ton
19-Leaves Vacuumed	700 lbs/cy	2.86 cy = 1 ton
19-Leaves Loose	400 lbs/cy	5 cy = 1 ton
20-Stumps	500 lbs/cy	4 cy = 1 ton
<u>Consumer Electronics</u>		
21-Central Processing Unit (CPU)	26 lbs = 1 CPU	77 units = 1 ton
21-Monitor	30 lbs = 1 Monitor	66.67 = 1 ton
21-Printer	25.33 lbs = 1 Printer	78.96 = 1 ton
21-Ink Cartridges	2.5 lbs = 1 Ink Cartridge	800 = 1 ton
<u>Other</u>		
22-Concrete	4,000 lbs/cy	1 cy = 2 tons
22-Asphalt	115 lbs/sy 1"thick 4140 lbs/cy	17.39 sy = 1 ton 1 cy = 2.07 tons
23-Food Waste	412.5 lbs per 55 gal drum	4.85 drums = 1 ton
24-Flourescent Lights	.62 lbs = 1 tube	3,200 tubes = 1 ton
29-Carpet	4.5 lbs/SqYrd	444.44 SqYrd = 1 Ton
30-Wood Scraps Pallets	285.71 lbs/cy	7 cy = 1 ton
30-Wood Scraps All Other	363.64 lbs/cy	5.5 cy = 1 ton

**REMEMBER: 2,000 POUNDS EQUALS 1 TON.
WHATEVER YOU HAVE REPORTED IN POUNDS SIMPLY
DIVIDE BY 2,000 TO GET YOUR TONS.**