

MATERIALS MANAGEMENT

CONVERSION SHEET

The following conversion factors are estimates of the density of the materials listed. Use these estimates to convert volume to weight.

Material Type

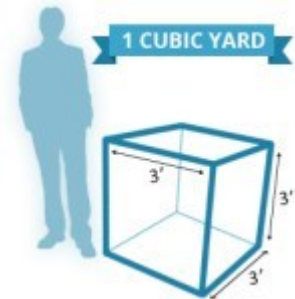
Density (pounds/gallon)

A cubic yard is a measure of volume.

PAPER

Newspaper	2.87
Cardboard	0.50
Mixed office paper (flat)	1.60
White computer paper (flat)	2.08

Keeping mind that 3 feet = 1 yard; imagine a block measuring 3 feet wide, 3 feet long, and 3 feet high.



CONTAINERS

Glass	4.95
Plastic #1 (PET) & #2 (HDPE)	0.16
Mixed Plastics #3-7	0.13
Aluminum	0.23
Steel	0.56

Many containers for trash, recycling, and food scrap collection are measured in gallons.

- 202 gallons = 1 cubic yard
- 65 gallons = 0.322 cubic yards
- 55 gallons = 0.272 cubic yards
- 32 gallons = 0.149 cubic yards
- 16 gallons = 0.079 cubic yards

SINGLE-STREAM MIXED RECYCLING

Single family Recyclables	0.62
Commercial Recyclables	0.44

- CSWD blue recycling bin = 16 gallons
- CSWD handled recycle bin = 6 gallons
- CSWD white compost bucket = 4 gallons
- CSWD black compost pail ≈ 0.5 gallons

ORGANICS

Leaves	1.86
Food scraps only	7.00
Food scraps + compostable products	4.60

TRASH

Residential, Commercial, Institutional	1.36
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