

Appendix

Tables of Measurement

Volumetric measures

	U.S. gallons	Imperial gallons	Cubic feet	Barrels	Cubic centimeters	Liters	Cubic meter
1 U.S. gallon ¹	1	0.83268	0.133681	0.0238095	3,675.41	3.78533	0.0037854
1 imperial gallon ²	1.20094	1	.160544	.028594	4,546.04	4.54596	.004546
1 cubic foot.....	7.4805	6.2288	1	.17811	28,317.01	28.316	.028317
1 barrel ³	42	34.9726	5.6146	1	158,987.55	158.984	.15899
1 cubic centi- meter.....	.000026417	.00021996	.000035314	.0000062895	1	.00099997	.000001
1 liter.....	.264178	.219975	.035316	.00629	1,000.027	1	.001000027
1 cubic meter.....	264.17	219.97	35.315	6.2898	1,000,000	999.973	1

¹ U.S. gallon=the volume occupied by 231 cubic inches.

² 1 imperial gallon=the volume occupied by 10 pounds of water at 62° F when weighed against brass in air at 30 inches of barometric pressure.

³ 1 barrel=42 U.S. gallons.

Weight measures

	Pounds	Kilograms	Short or net tons	Metric tons	Long ton
1 pound.....	1	0.453592	0.0005	0.00045359	0.00044643
1 short or net hundred weight.....	100.0	45.359	.05	.04536	.04464
1 gross or long hundred weight.....	112.0	50.802	.056	.05080	.05
1 kilogram.....	2.20462	1	.0011023	.0011	.0009842
1 short or net ton.....	2,000.	907.185	1	.907185	.892857
1 metric ton.....	2,204.6	1,000	1.10231	1	.98421
1 long ton.....	2,240	1,016.05	1.12	1.01605	1

NOTE: 1 English water ton=the volume occupied by 1 long ton of water at 60° F.