

## Conversion Tables for Measures and Weights

Table 1. United States to Approximate Metric Equivalent

To convert from	To	Multiply by
inches .....	centimeters	2.540
inches .....	millimeters	25.40
square inches .....	square centimeters	6.452
square inches .....	square millimeters	645.2
feet .....	meters	0.3048
square feet .....	square meters	0.09290
yards .....	meters	0.9144
square yards .....	square meters	0.8361
ounces (avdp) .....	grams	28.35
troy ounces .....	grams	31.10
pounds (avdp) .....	kilograms	0.4536
long tons .....	metric tons	1.016
short tons .....	metric tons	0.9071
fluid ounces .....	milliliters	29.57
quarts .....	liters	0.9464
gallons .....	liters	3.785
bushels .....	liters	35.24
cubic feet .....	cubic meters	0.02832
cubic yards .....	cubic meters	0.7646
ounces per square yard .....	grams per square meter	33.91

Table 2. Metric to Approximate United States Equivalent

To convert from	To	Multiply by
centimeters .....	inches	0.3937
millimeters .....	inches	0.03937
square centimeters .....	square inches	0.1552
square millimeters .....	square inches	0.01552
meters .....	feet	3.281
meters .....	yards	1.094
square meters .....	square feet	10.76
square meters .....	square yards	1.195
grams .....	ounces (avdp)	0.03527
grams .....	troy ounces	0.03215
kilograms .....	pounds (avdp)	2.205
metric tons .....	long tons	0.9842
metric tons .....	short tons	1.102
milliliters .....	fluid ounces	0.03381
liters .....	quarts	1.057
liters .....	gallons	0.2642
liters .....	bushels	0.02838
cubic meters .....	cubic feet	35.31
cubic meters .....	cubic yards	1.308
grams per square meter .....	ounces per square yard	0.0295