

# Carbon Dioxide Conversion

	Weight			Gas		Liquid	
	pounds (lb)	tons (t)	kilograms (kg)	cubic feet (scf)	cubic meters (nm <sup>3</sup> )	gallons (gal)	liters (lt)
<b>1 pound</b>	1.0	0.0005	0.4536	8.741	0.2294	0.11806	0.4469
<b>1 ton</b>	2000.0	1.0	907.2	17,483	458.8	236.1	893.9
<b>1 kilogram</b>	2.205	0.0011023	1.0	19.253	0.5058	0.2603	0.9860
<b>1 scf gas</b>	0.1144	–	0.05189	1.0	0.02628	0.013508	0.05113
<b>1 nm<sup>3</sup> gas</b>	4.359	0.00218	1.9772	38.04	1.0	0.5146	1.948
<b>1 gallon liquid</b>	8.470	0.004235	3.842	74.04	1.9431	1.0	3.785
<b>1 liter liquid</b>	2.238	0.0011185	1.0151	19.562	0.5134	0.2642	1.0
<b>1 cu ft solid</b>	97.56	0.0488	44.25	852.8	22.38	11.518	43.60

Scf (standard cubic feet ) gas measured at 1 atmosphere and 70°F. Nm<sup>3</sup> (normal cubic meter) gas measured at 1 atmosphere and 0°C. Liquid measured at 21.42 atmospheres and 1.7°F. Solid measured at –109.25°F. All values rounded to nearest 4/5 significant numbers.