

x Canada Year Book 1978-79

Volume and capacity

1 dm ³ (cubic decimetre)	= 0.0353147 cubic feet
	= 0.4237760 board feet (for lumber)
	= 0.0274962 bushels (for grain)
	= 1 L (litre) (for liquids or, in some cases, for fine solids which pour)
	= 0.2199693 Canadian gallons
	= 35.1951 fluid ounces
	= 0.8798774 quarts
	= 1.75975 pints
	= 0.264172 US gallons
	= 1.05669 US quarts
	= 2.11338 US pints
1 imperial proof gallon	= 1.36 US proof gallons
1 m ³ (cubic metre)	= 6.289811 barrels (petroleum or other liquid)
	= 0.3531466 registered tons (in shipping)*
	= 35.31466 cubic feet

Mass (weight)

1 g (gram)	= 0.03527396 ounces (avoirdupois)
	= 0.03215075 ounces (troy or apothecary)
1 kg (kilogram)	= 2.20462262 pounds (avoirdupois)
1 t (metric tonne)	= 1.10231131 tons (short)
	= 0.98420653 tons (long)

(For registered ton, see Volume and capacity above and footnote*)

Length and mass

1 t.km (tonne kilometre)	= 0.6849446 short ton miles
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Temperature

Fahrenheit temperature = 1.8 (Celsius temperature) + 32

Celsius temperature = 5/9 (Fahrenheit temperature - 32)

The following weights and measures are used in connection with the principal field crops and fruits:

<i>Crops</i>	<i>Pounds per bushel</i>	<i>Kilograms per bushel</i>	<i>Bushels per 1 000 kg (1 t)</i>
Wheat, potatoes and peas	60	27.215 5	36.7437
Wheat flour	43.48	19.721 4	50.7063
Oats	34	15.422 1	64.8418
Barley and buckwheat	48	21.772 4	45.9296
Rye, flaxseed and corn	56	25.401 2	39.3682
Mixed grains	45	20.411 7	48.9916
Rapeseed, mustard seed, pears, plums, cherries, peaches and apricots	50	22.679 6	44.0925
Sunflower seed	24	10.886 2	91.8593
Apples	42	19.050 9	52.4910

Strawberries and raspberries 1 kg = 1.47 quarts in BC
= 1.76 quarts in all other provinces

To produce 100 kg of flour it takes 138 kg of wheat.

*Gross registered tonnage of a ship, as used by Lloyd's Register of Shipping, is a measurement of the total capacity of the ship and is not a measure of weight. Net registered tonnage equals gross registered tonnage minus space used for accommodation, machinery, engine area and fuel storage, and so states the cargo carrying ability of the ship.