

Unit Conversion Table – Mass



Gram (g)	Kilogram (kg)	Tonne (t)	Ounce (oz)	Pound (lb)	Ton (Short) (tn)	Ton (Long) (tn)
1	0.001	0.000001	0.03527396	0.00220462	0.00000110	0.00000098
10	0.01	0.00001	0.35273962	0.02204623	0.00001102	0.00000984
28.3495	0.02834997	0.00002835	1	0.06250099	0.00003125	0.0000279
100	0.1	0.0001	3.5274	0.22046226	0.00011023	0.00009842
283.4952	0.28349523	0.00028350	10	0.625	0.0003125	0.00027902
453.5924	0.45359237	0.00045359	16	1	0.0005	0.00044643
1,000	1	0.001	35.2740	2.2046	0.00110231	0.00098421
2,834.95	2.8350	0.00283495	100	6.25	0.003125	0.00279017
4,535.92	4.5359	0.00453592	160	10	0.005	0.00446429
10,000	10	0.01	352.7396	22.0462	0.01102311	0.00984207
28,349.52	28.3495	0.02834952	1,000	62.5	0.03125	0.02790179
45,359.24	45.3592	0.04535924	1,600	100	0.05	0.04464286
100,000	100	0.1	3,527.40	220.4623	0.11023113	0.09842065
453,592	453.5924	0.45359237	16,000	1,000	0.5	0.44642857
907,184	907.1847	0.90718474	32,000	2,000	1	0.89285714
1,000,000	1,000	1	35,273.96	2,204.62	1.10231131	0.98420653
1,016,046	1,016.05	1.01604691	35,840	2,240	1.11999999	1
9,071,847	9,071.85	9.07184740	320,000	20,000	10	8.92857142
10,000,000	10,000	10	352,739.62	22,046.23	11.0231	9.84206528
10,160,469	10,160.47	10.1605	358,400	22,400	11.1999	10

Mass vs. Weight: Mass is the amount of matter in an object whereas weight is the force on that object due to gravity.

Standard Kilogram: A kilogram is defined as the mass of one cubic decimeter (1 litre) of water at 4°C.

Long Ton vs. Short Ton: The long ton (also known as the imperial ton) is exactly 2,240 lbs. In the United States the short ton is used which is exactly 2,000 lbs.

Stone: A stone is equal to 14 lbs and is now used only when measuring human body weight in some countries.

Hundredweight: A hundredweight is 1/20th of a ton. In imperial units a hundredweight is therefore equal to 112 lbs (1/20th of a long ton) however in the United States it is equal to 100 lbs (1/20th of a short ton). The imperial and US hundredweights are sometimes referred to as the long hundredweight and Short hundredweight respectively.