

### The Weight of Things

Earth Material Things	English	Metric	Notes
Shale	172 lb/ft <sup>3</sup>	2,755 kg/m <sup>3</sup>	
Granite	165 lb/ft <sup>3</sup>	2,643 kg/m <sup>3</sup>	
Sandstone	137 lb/ft <sup>3</sup>	2,195 kg/m <sup>3</sup>	
Basalt	165 lb/ft <sup>3</sup>	2,643 kg/m <sup>3</sup>	
Marble	168 lb/ft <sup>3</sup>	2,691 kg/m <sup>3</sup>	
Limestone	153 lb/ft <sup>3</sup>	2,451 kg/m <sup>3</sup>	
Concrete	150 lb/ft <sup>3</sup>	2,403 kg/m <sup>3</sup>	
Dirt (compact or in ground)	90-130 lb/ft <sup>3</sup>	1,442-2,083 kg/m <sup>3</sup>	
5 gallon bucket of loose dirt	50-60 lbs	23-27 kg	
Steel	490 lb/ft <sup>3</sup>	7,850 kg/m <sup>3</sup>	
Steel "brick"	18 lbs	8 kg	Brick = 8"x4"x2"
Lead	708 lb/ft <sup>3</sup>	11,340 kg/m <sup>3</sup>	
Lead "brick"	26 lbs	7 kg	Brick = 8"x4"x2"
Gold	874 lb/ft <sup>3</sup>	14,000 kg/m <sup>3</sup>	
Gold "brick"	32 lbs	14.5 kg	Brick = 8"x4"x2"
Silver	655 lb/ft <sup>3</sup>	10,490 kg/m <sup>3</sup>	
Silver "brick"	24 lbs	11 kg	Brick = 8"x4"x2"
Platinum	1342 lb/ft <sup>3</sup>	21,500 kg/m <sup>3</sup>	
Platinum "brick"	50 lbs	23 kg	Brick = 8"x4"x2"
Copper	550 lb/ft <sup>3</sup>	8,810 kg/m <sup>3</sup>	
Copper "brick"	20 lbs	9 kg	Brick = 8"x4"x2"
Uranium	1192 lb/ft <sup>3</sup>	19,100 kg/m <sup>3</sup>	
Uranium "brick"	44 lbs	20 kg	Brick = 8"x4"x2"
1/2 inch Steel rebar (#4)	0.67 lb/linear foot	1.0 kg/m	small
1 inch Steel rebar (#8)	2.7 lb/linear foot	4.0 kg/m	common
2 1/4 inch Steel rebar (#18)	13.6 lb/linear foot	20 kg/m	large
55 gallon steel drum (empty)	40 lbs	18 kg	