

| Densities of some common minerals and metals, in grams/cubic centimeter, g/cc | | |
|--|-------------------------------------|--|
| | Actual density from reference books | Measured density (from your calculations of mass/volume) |
| ice | 0.9 | |
| sulfur | 2.1 | |
| halite | 2.2 | |
| gypsum | 2.3 | |
| graphite | 2.3 | |
| feldspar | 2.6 | |
| calcite | 2.7 | |
| quartz | 2.7 | |
| magnesite | 3.1 | |
| fluorite | 3.2 | |
| diamond | 3.5 | |
| corundum (ruby, sapphire) | 4.0 | |
| chalcopyrite | 4.2 | |
| barite | 4.5 | |
| pyrite | 5.0 | |
| magnetite | 5.2 | |
| zinc metal | 7.1 | |
| galena | 7.5 | |
| nickel | 8.8 | |
| copper | 8.9 | |
| native silver | 10.5 | |
| gold | 19.3 | |