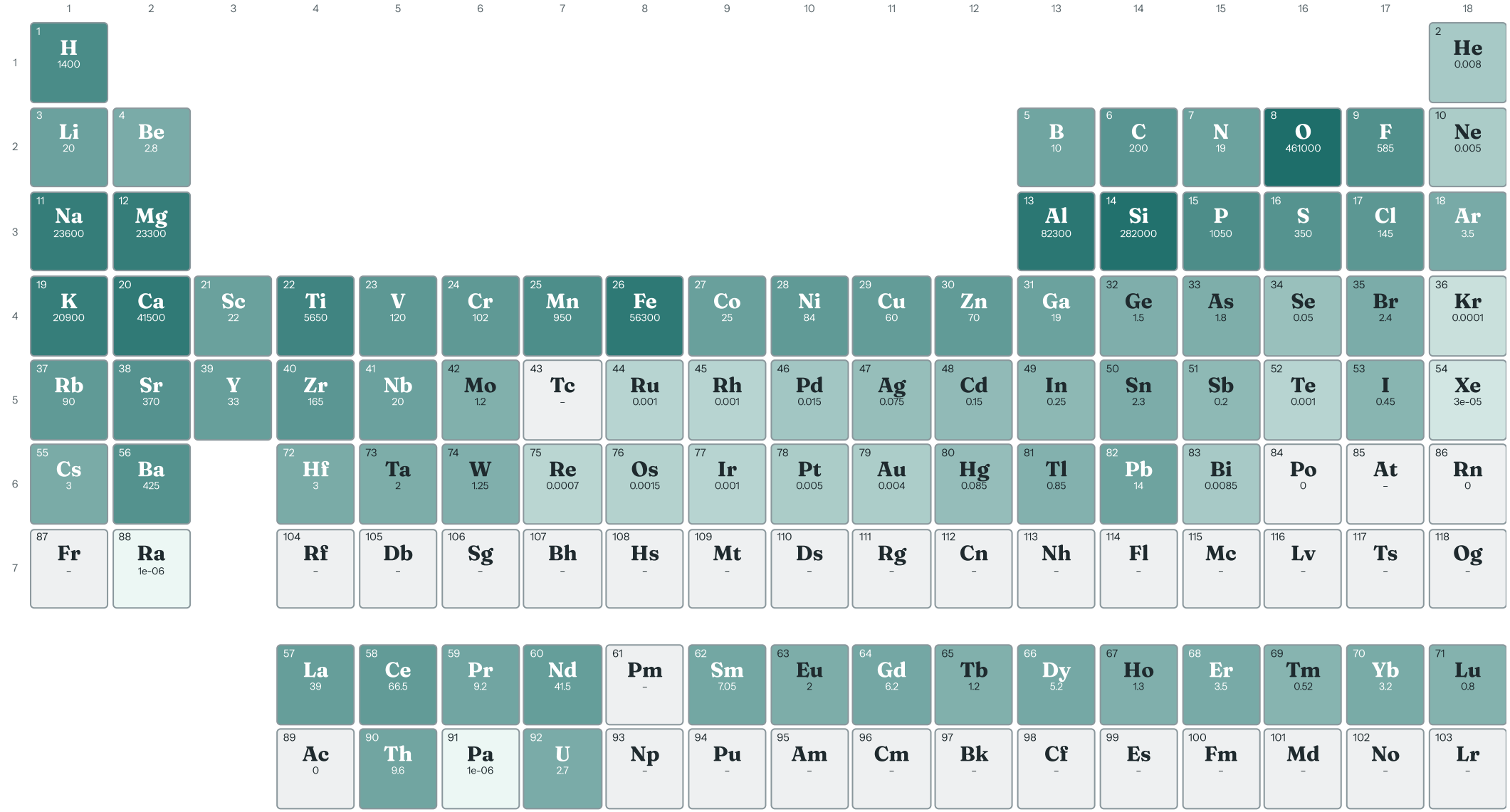
Periodic Table of Abundance in the Earth's Crust



Low — High · mg/kg (log scale) · grey tiles have no data

https://periodictable.page/

Periodic Table PDF: Abundance in the Earth's Crust Heat Map: notes

About this sheet

Every element shaded by abundance in the Earth's crust in mg/kg, on a logarithmic scale, because the values span many orders of magnitude. The printed value is on each tile and tiles with no data are grey. The highest is oxygen (461,000) and the lowest is protactinium (1×10^{-6}).

Best for

Showing which elements make up the Earth's crust and how rare most of the others are.

Printing

Heat maps rely on shading, so print in color. In grayscale the darker tiles still read as higher values.

What the data shows

85 of the 118 elements have a value for abundance in the Earth's crust, so 33 tiles are grey. The three highest are oxygen (461,000), silicon (282,000) and aluminium (82,300) and the three lowest are radium (1×10^{-6}), protactinium (1×10^{-6}) and xenon (3×10^{-5}), all in mg/kg.

Averaged by family, the reactive nonmetals sit highest (66,288 mg/kg) and the noble gases lowest (0.7026 mg/kg).

The median element is 3.5 mg/kg, so half the elements fall below that shade.

How the table is organised

Atomic number counts the protons in an atom's nucleus and fixes each element's place in the table. Moving down a group adds a new electron shell, so atomic radius grows and metallic character increases.

More periodic table PDFs are free to download at **https://periodictable.page/periodic-table-pdf/**.