Global production of critical raw materials (CRM) according to EU definition

Critical raw materials included in the EU list *

- Sb: Antimony
- Bx: Bauxite
- Ba: Baryte
- Be: Beryllium
- Bi: Bismuth
- B: Boron
- Cg: Natural graphite
- Co: Cobalt
- Fl: Flour spar
- Ga: Gallium
- Ge: Germanium
- Hf: Hafnium
- In: Indium
- Ks: Koks
- W: Coking coal
- V: Vanadium
- Li: Lithium
- Mg: Magnesium
- Nb: Niobium
- HREE: Heavy Rare Earth Elements
- LREE: Light Rare Earth Elements
- PGM: Platinum Group Metals
- PM: Phosphate rock
- Sc: Scandium
- Sn: Silicon metal
- Te: Tantalum
- Ti: Titanium
- W: Tungsten
- V: Vanadium

* Natural rubber not included

To read the map:
Each circle shows each country’s total production of various critical minerals and metals, calculated as a percentage by weight. The percentages show the share of world production for a certain substance (the total areas of the pie charts for a certain substance together make up 100 percent, still based on weight). For example, Brazil accounts for 92 percent of the world’s niobium production.

The map shows that China completely dominates the total production even if they do not produce all the critical substances. Note that this map applies to critical metals and minerals. Therefore, for example, Sweden is not included, otherwise a major producer within the EU.

Sources: USGS, European Commission, SGU 2020. Lars Norlin and Fredrik Karlsson