

COPPER

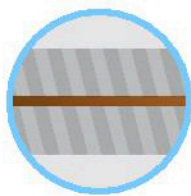
SHAPING THE INDUSTRIAL WORLD

DID YOU KNOW?

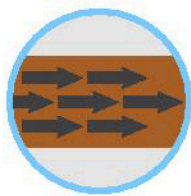
Copper's properties make it a major industrial metal.



High flexibility



Conformity



Thermal & electrical conductivity



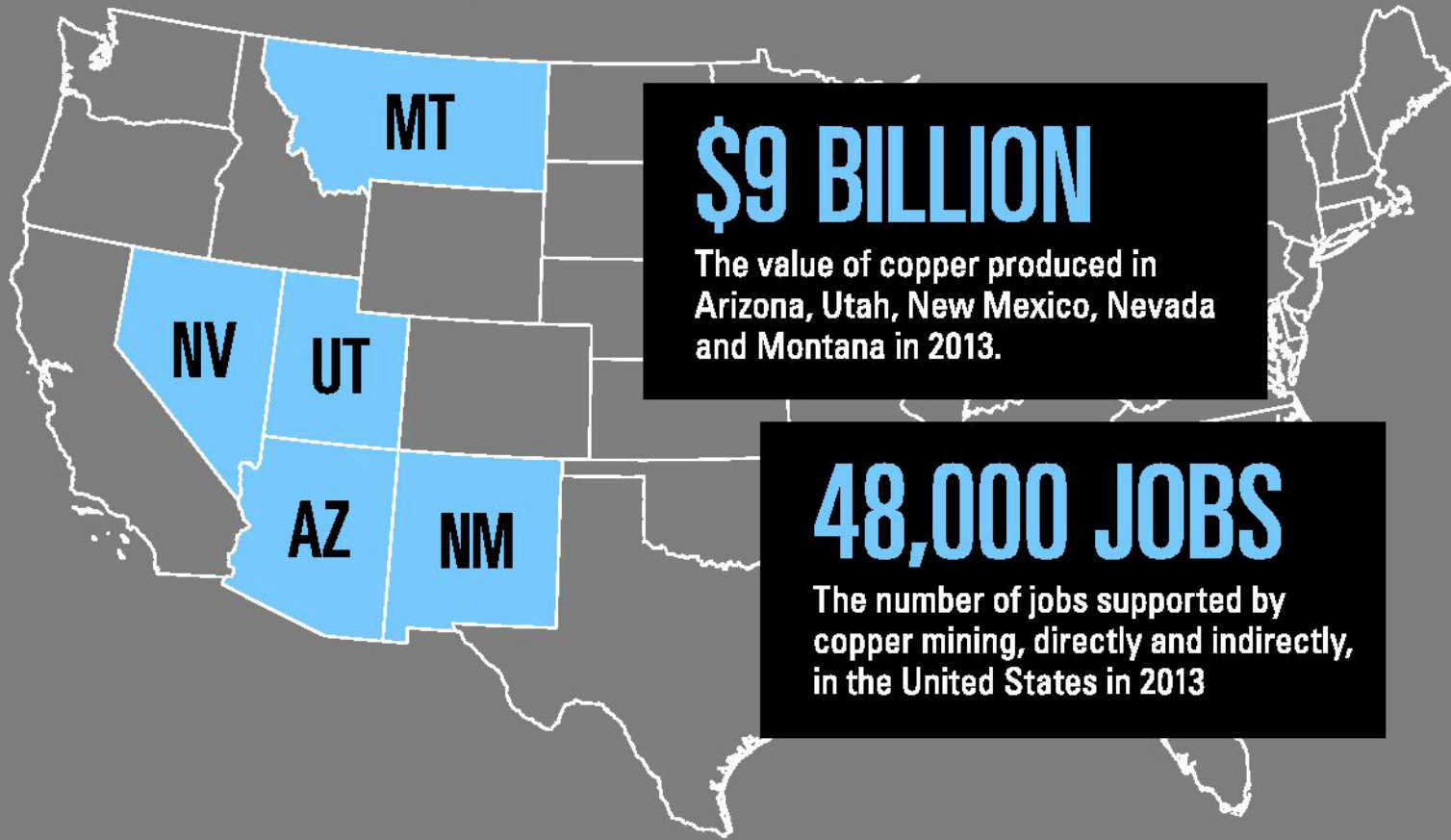
Resistance to corrosion



Copper ranks third after iron and aluminum in terms of consumption.

A MAJOR U.S. ECONOMIC DRIVER

Copper production as a job creator:



NATIONAL SECURITY



Copper is the second most used material by the U.S. Department of Defense.

Found in modern naval vessels, U.S. Coast Guard Ships, U.S. Air Force aircrafts, electronic devices and infrastructure.



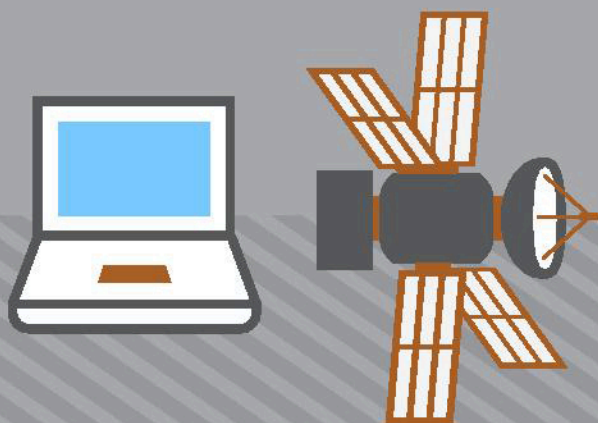
INFRASTRUCTURE

Essential in building construction, copper is widely used in electrical cables, wires, switches and plumbing.



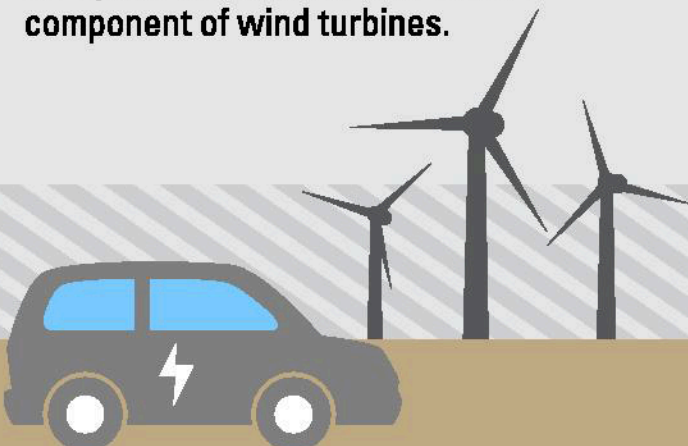
HIGH-TECHNOLOGY

Copper is found in almost all electronic devices, including smart phones, computers and satellite circuitry.



ADVANCED ENERGY

Copper is used in the wiring of solar panels, lithium-ion batteries and wiring for hybrid vehicles and is a critical component of wind turbines.



SOURCES

- <http://minerals.usgs.gov/minerals/pubs/commodity/copper/>
- <http://minerals.usgs.gov/minerals/pubs/commodity/copper/mcs-2014-coppa.pdf>
- * http://nma.org/pdf/members/stat_pubs/mnmaed/mnmaed2013.pdf (using 3.5 multiplier for indirect jobs)

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