

Uranium

Energy

A heavy metal mined as ore, concentrated into yellowcake, then converted and enriched into fuel for nuclear reactors.

Key facts

World production, 2025
2,845 terawatt-hours
Top producer
<u>United States</u> , 29%
Top exporter, uranium ores and concentrates (HS 261210), 2024
<u>Namibia</u> , 68% of export value
Benchmark price, August 2026
\$71.09/lb
Uranium, U3O8, NUEXCO restricted spot; +21% over 12 months
HS code
261210 Uranium ores and concentrates
Energy Institute item
nuclear_generation Nuclear Generation - TWh
Also called
U3O8, yellowcake, uranium oxide, nuclear fuel, enriched uranium

Top producers, 2025

Country	terawatt-hours	Share
United States	826	29%
China	485	17%
France	390	14%

Country	terawatt-hours	Share
Russia	219	7.7%
South Korea	185	6.5%

Energy Institute Statistical Review of World Energy, Statistical Review 2026.

Top exporters, 2024

Country	Export value	Share
Namibia	1.1 billion USD	68%
Australia	431.9 million USD	27%
Uzbekistan	46.8 million USD	3%
Canada	20.8 million USD	1.3%
Japan	138,216 USD	<0.1%

CEPII BACI international trade database (HS22, V202601).

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