

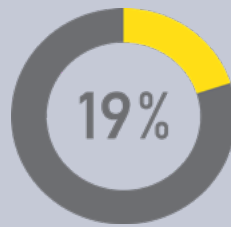
# Uranium Mining



Uranium mining extracts ore from the Earth to fuel clean nuclear energy, providing a vital domestic supply that supports rural jobs, generates tax revenue and strengthens U.S. energy security—all under strict safety and environmental standards.

## CLEAN, RELIABLE ENERGY

Uranium is primarily used for nuclear power, which supplies about **19% of America's electricity** and is the country's largest source of carbon-free energy. Utah hosts **the nation's only operating uranium ore mill** and has recently resumed uranium mining, supporting the domestic nuclear energy supply chain.



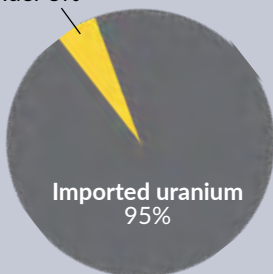
## SAFETY

Modern uranium mining limits worker radiation exposure to under **20 millisieverts a year—about half the global limit**—while ventilation, dust control, and protective gear further reduce risks. In Utah, regulators must **halt operations if violations threaten people or the environment**, and mining companies are required to **restore the land or cover the costs**.

## ECONOMIC BOOST

U.S. uranium mining jobs jumped **49% in 2024, reaching the highest level since 2016**. Uranium mining creates high-paying jobs in rural communities, **revitalizing local economies** like those near the White Mesa Mill and Velvet-Wood Mine in Utah.

U.S.-mined uranium  
under 5%



## ENERGY SECURITY

Uranium fuels nearly one-fifth of America's electricity through nuclear power, but the **U.S. relies on imports for more than 95% of its uranium needs**—even as uranium demand surges worldwide. In 2024, domestic uranium mines produced just 677,000 pounds—barely enough to power a handful of reactors—while the nation's nuclear fleet burns through over 40 million pounds each year. **Utah has the natural resources and infrastructure necessary to help the country generate a secure, domestic supply of nuclear fuel.**

**One pellet of enriched uranium** (approximately 1-inch tall) can generate about the same amount of electricity as one ton of coal, 120 gallons of oil or 17,000 ft<sup>3</sup> of natural gas.

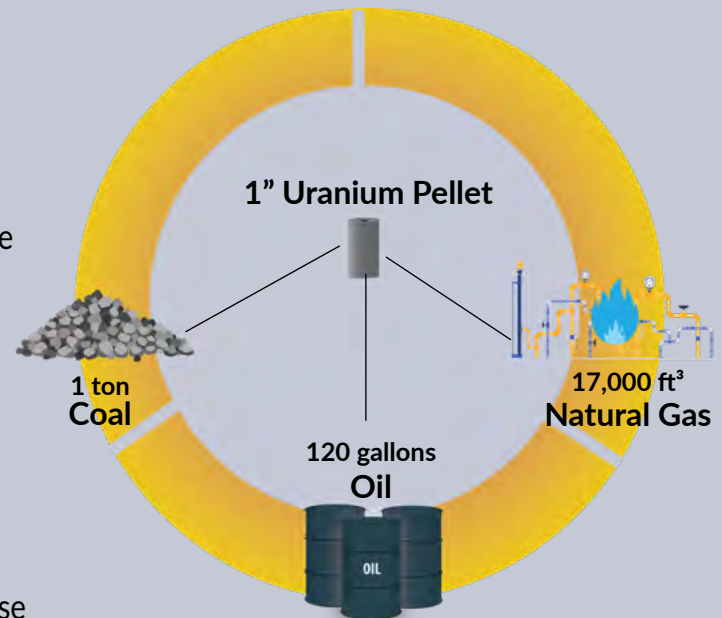


Chart re-created from mining.com