An average American’s residential and transportation energy consumption would require the burning of approximately 15,000 pounds of coal a year. That equals out to nearly 41 pounds of coal a day. If coal powered everything, every few days you would consume your body weight in coal.

Different types of Coal have different uses worldwide.

- **Steam Coal** - also known as thermal coal, mainly used in power generation (~6.8 billion tons annually)
- **Coking Coal** - also known as metallurgical coal, is mainly used in steel production (~1.0 billion tons annually)

Other important worldwide uses of Coal include:

- Cement Manufacturing (~300 million tons annually),
- Paper mills (~150 million tons annually), and;
- Carbon Chemicals (~150 million tons annually)

Coal is also used in alumina refineries and by chemical and pharmaceutical industries. Several chemical products can be produced from the by-products of coal. Refined coal tar is used in the manufacture of chemicals, such as creosote oil, naphthalene, phenol, and benzene. Ammonia gas recovered from coke ovens is used to manufacture ammonia salts, nitric acid, and agricultural fertilizers. Thousands of different products have coal or coal by-products as components: soap, aspirins, solvents, dyes, plastics and fibers, such as rayon and nylon.

Coal is also an essential ingredient in the production of specialist products:

- Activated Carbon - used in filters for water and air purification and in kidney dialysis machines.
- Carbon Fiber - an extremely strong but lightweight reinforcement material used in construction, mountain bikes and tennis rackets; and
- Silicon Metal - used to produce silicones and silanes, which are in turn used to make lubricants, water repellents, resins, cosmetics, hair shampoos, and toothpastes.

For more info visit WMC-USA.org or contact wearewmc@wmc-usa.org
The U.S. has more coal than any other country in the world: 22%

BP Statistical Review of World Energy

New coal plant construction in Asia is larger than US fleet (MW)

With technology, Coal gets cleaner

1990-2010: 1.7 Billion people gain access to electricity

Thanks to coal:

Thanks to wind & solar:

Manhattan Institute

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