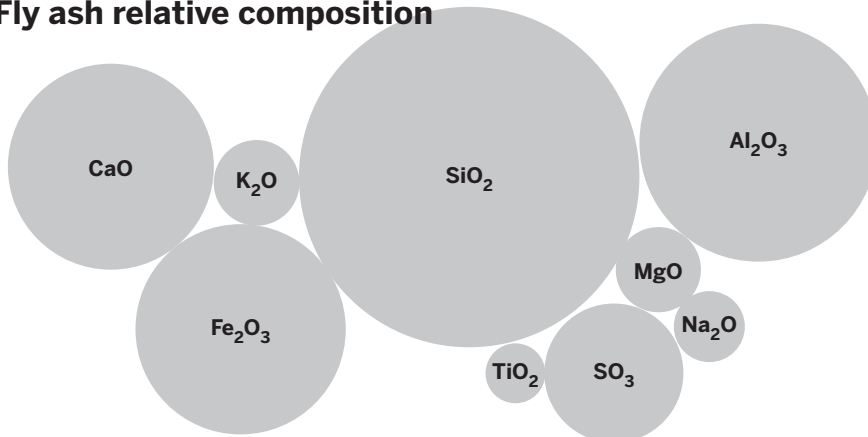


COAL ASH BY THE NUMBERS

NOTE: All graphic data reported in short tons (1 short ton = 0.9 metric tons).

Coal ash is the **second-most abundant waste material in the U.S.** behind household trash.

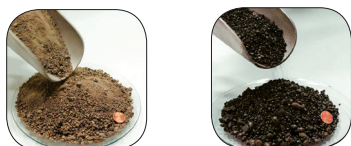
Fly ash relative composition



About 1.5 billion tons of coal ash are currently stockpiled in the U.S.

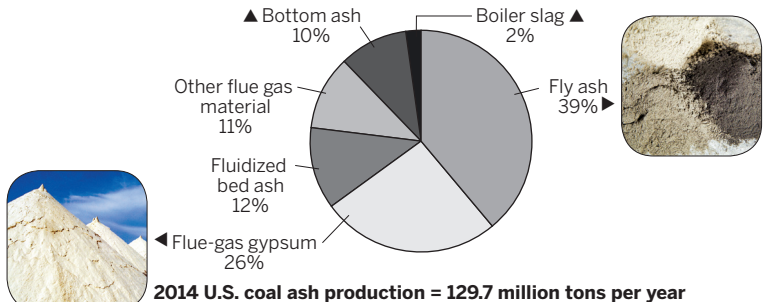
Trace elements^a: Ba, Sr, B, Mn, Zn, V, Cr, As, Pb, Ni, Cu, Mo, Tl, Be, U, Se, Sb, Cd, Hg

NOTE: Circles represent mean concentrations for various fly ash samples, for example, SiO₂ = 215,000 mg/kg. ^a In order of relative abundance. SOURCE: Electric Power Research Institute



▲ Bottom ash 10% Boiler slag ▲ 2%

Coal ash breakdown



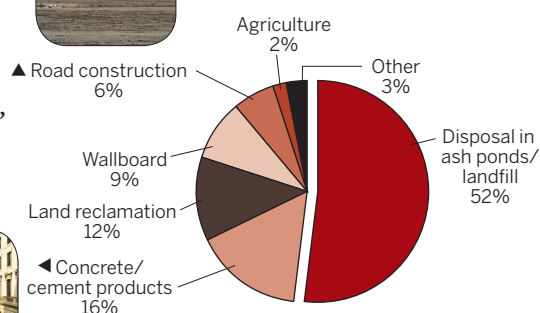
2014 U.S. coal ash production = 129.7 million tons per year

SOURCE: American Coal Ash Association



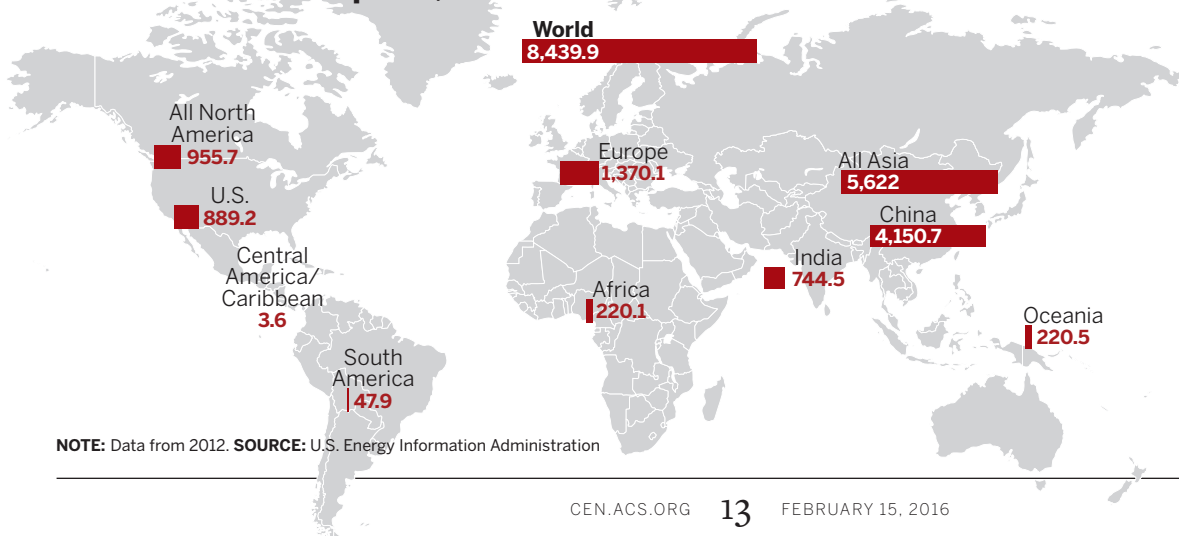
This Asheville, N.C., airport taxiway was constructed with coal ash fill.

The Ronald Reagan building in Washington, D.C. was built with coal ash concrete.



2014 U.S. coal ash recycled = 62.4 million tons, 48%

World coal consumption, million tons



NOTE: Data from 2012. SOURCE: U.S. Energy Information Administration

Burning 4 to 8 tons of coal produces 1 ton of coal ash.