Building the Foundation of Florida’s Economy

FL Cement Production

- Clinker capacity: 8.9 million metric tons
- Cement production: 3.9 million metric tons
- Cement consumption: 3.9 million metric tons
- Cement employees: 645 in 2012 from 648 in 1997
- Cement & concrete-related employees: 28,047 with a payroll of $1,146.2 million
- Cement contribution to state revenue: $6.1 million
- Cement & concrete-related contribution to state revenue: $264.2 million
PORTLAND CEMENT MANUFACTURING AND USE

The Portland Cement Association (PCA) represents more than 80 percent of US cement manufacturing capacity with nearly 90 plants in 33 states and distribution facilities in all 50.

Cement or concrete? Concrete is basically a mixture of aggregates and paste. The aggregates are sand and gravel or crushed stone; the paste is water and cement. Portland cement is not a brand name, but the generic term for the type of cement used in virtually all concrete, just as stainless is a type of steel and sterling a type of silver.

Cement is manufactured by heating lime, silica, alumina, iron, and other materials at high temperature. The resulting substance is a marble-like ball called clinker that is ground, mixed with limestone and gypsum, and used to create concrete.

The U.S. cement industry has long been committed to minimizing emissions, waste, energy consumption, and the use of virgin raw materials. For example, the cement industry began to address climate change in the mid-1990s—one of the first industries to do so.

Portland cement is an essential construction material and is uniquely positioned for the rebuilding of American infrastructure.

- U.S. cement companies have annual shipments valued at approximately $8.6 billion.
- Cement manufacturers in the U.S. employ nearly 13,200 workers with an annual payroll of about $909 million. When including related industries such as concrete and related industries, the number of employees grows to 490,691 with a payroll of $22.5 billion.