

Metal Casting in Pennsylvania

Pa.'s foundry industry pre-dates the American Revolution and has remained a key part of the state's industrial backbone into the 21st century. Pa.'s 207 foundries are the fourth highest concentration of metal casting facilities in the nation. Pa. foundries provide 15,000 employment opportunities at average annual wages of over \$31,000 plus benefits. The annual castings output by Pa. foundries is valued at nearly \$2 billion.

The typical Pa. foundry is a closely held jobbing shop with about 80 employees. Pa. castings are used by every commercial and industrial sector, and are critical to our nation's security and defense-readiness. Pa. castings are shipped to U.S. trading partners around the globe.

Economic Impact

Metal casting is a major engine of Pa.'s manufacturing economy, accounting for 2% of this sector's 800,000 jobs and 1% of the \$200 billion yearly output.

Ferrous Foundries

Pa. has the second highest concentration of ferrous foundries in the nation. Pa.'s ferrous metal casting sector consists of 64 iron foundries, 29 steel foundries and a dozen steel investment firms. Pa. ferrous foundries employ nearly 10,000 workers whose annual production exceeds \$1 billion in value. As a group, Pa. ferrous foundries pay total annual wages of \$300 million.

The annual output from Pa. iron foundries approaches \$700 million. Steel and steel investment foundries ship castings on a yearly basis worth \$200 million and \$100 million, respectively. Iron shops employ 6,000 workers. Steel foundries provide over 2,000 jobs, and steel investment shops employ 1,000.

Non-Ferrous Foundries

Pa.'s 102 non-ferrous foundries rank the state 5th nationally in the number of non-ferrous facilities. Aluminum foundries are predominant with 45 shops. Copper-based alloys are poured by 25 Pa. non-ferrous foundries. There are a dozen Pa. aluminum diecasters and 13 other non-ferrous metals diecasters.

Of the 5,700 jobs provided by Pa. non-ferrous foundries, aluminum and aluminum diecasting shops each account for about 1,750. Other Pa. diecasters employ about 1,200. Copper-based alloy foundries employ over 1,000.

The annual payroll of Pa. non-ferrous foundries tops \$180 million, consisting of \$58 million from aluminum diecasters, \$51 million from aluminum foundries, \$37 million from other non-ferrous diecasters, \$28 million from copper-based alloy shops, and the remainder from other non-ferrous Pa. foundries.

The annual output of Pa. non-ferrous foundries is worth nearly \$1 billion. Of this amount, about 2/3 is produced by the aluminum sector. The remainder is about evenly split between copper-based alloy foundries and other non-ferrous diecasters.