

The Knowledge Bank at The Ohio State University

Ohio State Engineer

Title: Engineering Experimental Station

Issue Date: Apr-1928

Publisher: Ohio State University, College of Engineering

Citation: Ohio State Engineer, vol. 11, no. 6 (April, 1928), 29.

URI: <http://hdl.handle.net/1811/34264>

Appears in Collections: [Ohio State Engineer: Volume 11, no. 6 \(April, 1928\)](#)

ENGINEERING EXPERIMENT STATION

Ohio, fourth among the States in population, ranks first in the production of brick, tile, sewer pipe and other clay wares. The ceramic industry is the second largest business in the State.

The magnitude of this industry, its importance, and how to foster its growth was the topic at the second meeting of research workers and interested parties held in the Engineering Experiment

Station Building, Thursday evening, March 29. Professor G. A. Bole led the discussion, showing maps indicating the location of clay products factories and pictures of the Roseville experimental brick plant, the only one of its kind in the world. Professor Bole also presented statistics showing Ohio's rank in the ceramic industry. The figures were taken from the Census Bureau.

HEAVY CLAY PRODUCTS

	Value (U. S.)	Value (Ohio)	Ohio's Ranking	Plants (Ohio)	Percent Production (Ohio)
Common Brick	\$ 88,226,625	\$ 3,380,976	5	33	4%
Face Brick	44,516,236	10,047,690	1	60	22%
Paving Brick	8,918,947	2,384,601	1	12	26%
Hollow Building Tile	27,818,428	6,463,288	1	35	23%
Drain Tile	3,858,408	1,087,611	1	88	30%
Sewer Pipe	29,303,094	12,474,073	1	37	43%
Refractories	40,013,394	4,338,748	4	33	11%
Grand Total	\$242,655,132	\$40,177,987		298	

TABLE WARE AND LIGHT CLAY PRODUCTS

	Value (U. S.)	Value (Ohio)	Ohio's Ranking	Plants (Ohio)	Percent Production (Ohio)
Table Ware	\$ 52,250,041	\$28,764,267	1	40	56%
Stoneware and Red Earthenware	7,204,661	2,215,499	1	28	30%
Sanitary Ware	28,048,668	3,237,784	2	9	11%
Electrical Porcelain	21,248,382	6,501,665	1	17	36%
Art Pottery, Marbles, Specialties, etc.	3,865,507	2,617,139	1	15	70%
Glass	309,353,000	33,211,000	4	34	11%
Grand Total	\$421,970,259	\$74,547,354		143	

WIRE

automobile and airplane wires, electrical wires, submarine cables, bridge-building cables, wire rope, telegraph and telephone wire, radio wire, round wire, welding

wire, flat wire, star-shaped and all different kinds of shapes of wire, sheet wire, piano wire, pipe organ wire, wire hoops, barbed wire, woven wire fences, wire gates, wire fence posts, trolley wire and rail bonds, poultry netting, wire springs, concrete reinforcing wire mesh, nails, staples, tacks, spikes, bale ties, steel wire strips, wire-rope aerial tramways. Illustrated story of how steel and wire is made, also illustrated books describing uses of all the above wires sent free.

AMERICAN STEEL & WIRE COMPANY

Sales Offices

Chicago New York Boston Cleveland Worcester Philadelphia Pittsburgh Buffalo Detroit Cincinnati Baltimore
Wilkes-Barre St. Louis Kansas City St. Paul Oklahoma City Birmingham Memphis Dallas Atlanta Denver Salt Lake City

Export Representative: U. S. Steel Products Co., New York

Pacific Coast Representative: U. S. Steel Products Company, San Francisco, Los Angeles, Portland, Seattle