

with an appreciable increase in production but slaughtering and meatpacking was in second place with a gross production of nearly \$186,000,000. The flour and grist mills, and butter and cheese industries both suffered reductions as regards gross values of production. Automobiles held its previous position, *viz.*, fourth, but with a substantially increased production. Without doubt the most important change was in connection with the railway rolling-stock industry, which rose from thirteenth place in 1928 to eighth place in 1929, and showed an increase in the value of gross production of from \$73,000,000 to \$126,000,000 or nearly 73 p.c. Rubber goods and footwear showed only a slight decline in production, but in 1929 ranked twelfth in importance instead of eighth, as in 1928. Machinery was an industry which showed a more than proportionate advance. In 1928 this industry ranked twenty-fifth with a gross production of \$51,000,000; by 1929 the value of the gross production had risen to \$66,000,000 and the industry occupied the nineteenth place.

The net value of products provides a better measure of an industry's contribution to the national income than gross values do. On the basis of net value, or value added by manufacture, the order of importance of the industries in 1929 was very different from that based on gross values. The pulp and paper industry was foremost in this respect also but it was followed by central electric stations, non-ferrous metal smelting, electrical apparatus, sawmills, printing and publishing, automobiles, castings and forgings, rubber goods, railway rolling stock, cigars and cigarettes, and machinery in the order given.

The central electric station industry represented the greatest investment of capital, while next in order were pulp and paper, sawmills, non-ferrous metal smelting, and iron blast furnaces and steel mills.

As a measure of the employment provided by an industry the salaries and wages paid are probably a better guide than the number of employees reported, especially in industries where operations are seasonal. In the amount of salaries and wages paid the pulp and paper industry came first, being followed by railway rolling stock, sawmills, castings and forgings, automobiles, electrical apparatus and supplies, printing and publishing, central electric stations and rubber goods. Each of these industries paid out, in salaries and wages, amounts in excess of \$20,000,000 during the year.

9.—Principal Statistics of Forty Leading Industries, 1929.

Industry.	Estab- lish- ments.	Capital.	Em- ployees.	Salaries and Wages.	Cost of Materials.	Values of Products.	
						Net.	Gross.
	No.	\$	No.	\$	\$	\$	
Pulp and paper.....	108	644,773,806	34,202	50,214,445	96,874,749	147,096,012	243,970,761
Slaughtering and meat- packing.....	74	67,777,903	10,762	13,998,716	151,814,517	34,028,385	185,842,902
Flour and grist mill pro- ducts.....	1,325	67,773,534	6,618	7,578,276	150,806,665	30,342,024	181,148,689
Automobiles.....	17	98,378,301	16,435	26,864,808	120,232,694	56,982,899	177,315,593
Central electric stations	1,024	1,065,731,532	16,164	24,831,821	34,615,939	122,883,446	157,499,385
Sawmills.....	3,161	181,586,698	46,466	36,157,556	83,743,952	63,245,612	146,989,564
Butter and cheese.....	2,767	47,907,462	11,872	12,709,426	93,861,458	32,841,737	126,708,195
Railway rolling stock.....	35	94,415,568	25,488	38,311,179	74,156,037	52,331,000	126,487,037
Electrical apparatus and supplies.....	139	161,767,106	20,871	26,725,215	49,623,322	64,172,680	113,796,002
Non-ferrous metal smelting.....	10	146,699,085	8,119	13,772,393	41,416,446	68,438,022	109,854,468
Petroleum products.....	25	71,260,459	4,978	8,153,625	76,861,939	22,546,375	99,408,314
Rubber goods, including footwear.....	44	73,877,478	17,796	20,134,501	42,940,747	53,983,913	96,934,660
Castings and forgings.....	336	102,900,796	23,443	30,854,654	35,994,441	55,580,705	91,575,146
Cotton yarn and cloth.....	36	95,542,319	20,321	18,671,767	43,133,575	35,108,190	78,241,765
Bread and other bakery products.....	2,568	48,969,603	17,023	18,481,612	38,507,559	38,706,907	77,214,466
Printing and publishing.....	767	65,736,238	16,960	26,407,204	16,424,412	57,248,926	73,673,338