

Subsection 2.—Size of Manufacturing Establishments

The size of a manufacturing establishment is generally measured either by the value of factory shipments or by the number of employees but each of these methods has its limitations. The former measure has to be adjusted for changes in the price level and, as between industries, it makes those in which the cost of raw materials is relatively high appear to operate on a larger scale. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery may lead to an increase in production concurrently with a decrease in number of employees. Also, in measuring size on the basis of employment, industries with a high capital investment in machinery and equipment are underrated as compared with industries lacking such equipment and consequently employing a relatively larger labour force.

Size as Measured by Selling Value of Factory Shipments.—In 1946, after heavy wartime production had ceased and reconversion had barely begun, there were 1,442 manufacturing establishments, each with an output of \$1,000,000 or over. Their combined production was valued at \$5,377,870,217 and accounted for 66.9 p.c. of the total for all manufacturing plants. By 1949, the number of factories in that category had increased to 1,926 and the proportion of their production to the total was 74.4 p.c. As a result of the tremendous industrial expansion and the increase in prices of the 1950's, the number of plants with shipments valued at over \$1,000,000 increased to 3,498 in 1960. These plants contributed 81.2 p.c. of the total output in that year.

16.—Manufacturing Establishments and Total and Average Production classified by Value of Product Group, 1949, 1955, 1959 and 1960

Value Group	1949			1955 ²		
	Estab- lish- ments	Total Production ¹	Average per Estab- lishment	Estab- lish- ments	Total Production ¹	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	16,176	145,907,685	9,020	15,327	143,480,957	9,362
\$ 25,000 but under \$ 50,000.....	4,884	174,899,010	35,810	5,112	184,847,245	36,159
50,000 " 100,000.....	4,487	320,878,071	71,513	4,781	343,512,650	50,933
100,000 " 200,000.....	3,630	514,921,581	141,852	4,250	608,414,152	143,156
200,000 " 500,000.....	3,195	1,000,486,294	313,141	3,970	1,261,916,569	317,863
500,000 " 1,000,000.....	1,494	1,041,235,578	696,945	2,013	1,411,584,589	701,234
1,000,000 " 5,000,000.....	1,505	3,164,936,378	2,102,948	2,101	4,364,363,277	2,077,279
5,000,000 or over.....	421	6,116,328,703	14,528,097	628	11,195,814,372	17,827,730
Totals and Averages.....	35,792	12,479,593,300	348,670	38,182	19,513,933,811	511,077
	1959			1960		
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	11,967	118,491,742	9,902	11,664	121,760,598	10,439
\$ 25,000 but under \$ 50,000.....	4,795	172,972,326	36,073	5,044	181,631,031	36,009
50,000 " 100,000.....	4,874	350,262,824	71,864	4,937	354,936,319	71,893
100,000 " 200,000.....	4,382	626,769,497	143,033	4,511	641,077,012	142,114
200,000 " 500,000.....	4,459	1,424,683,038	319,507	4,651	1,478,893,940	317,973
500,000 " 1,000,000.....	2,322	1,645,987,369	708,866	2,377	1,683,585,980	708,282
1,000,000 " 5,000,000.....	2,624	5,594,574,528	2,132,079	2,723	5,771,254,154	2,119,447
5,000,000 or over.....	770	13,377,860,157	17,373,844	775	13,514,318,049	17,437,830
Totals and Averages.....	36,193	23,311,601,481	644,091	36,682	23,747,457,083	647,387

¹ In 1952 gross value of products was replaced by selling value of factory shipments.
included from 1955.

² Newfoundland