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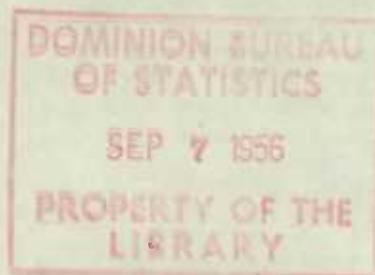
CANADA

THE MANUFACTURING INDUSTRIES OF CANADA

Section D

PROVINCE OF ONTARIO

1954



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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes as follows: Volume I — The Primary Industries, including mining, forestry and fishing; Volume II — Manufacturing; Volume III — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups:

- I—General Review of the Manufacturing Industries, \$1.50
- II—The Manufacturing Industries of Canada,
(7 sections, see below:)
- III—Foods and beverages
- IV—Tobacco and tobacco products
- V—Rubber products
- VI—Leather products
- VII—Textile mills
- VIII—Knitting mills
- IX—Clothing
- X—Wood and paper products
- XI—Printing trades
- XII—Iron and steel products
- XIII—Transportation equipment
- XIV—Non-ferrous metal products
- XV—Electrical apparatus and supplies
- XVI—Non-metallic mineral products
- XVII—Products of petroleum and coal
- XVIII—Chemicals and allied products
- XIX—Miscellaneous manufactures

The present report belongs in Part II. It is punched to permit filing in a ring binder along with other reports of the group, the full list of which is as follows:

- Section A. Summary for Canada, 25¢
- Section B. Atlantic Provinces, 25¢
- Section C. Province of Quebec, 25¢
- Section D. Province of Ontario, 25¢
- Section E. Prairie Provinces, 25¢
- Section F. Province of British Columbia, including Yukon and Northwest Territories, 25¢
- Section G. The Manufacturing Industries of Canada,
Regional Distribution, 75¢

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THE MANUFACTURING INDUSTRIES OF CANADA

Section D

PROVINCE OF ONTARIO

1954

For the manufacturing industries of Ontario 1954 was a year of recession. The selling value of factory shipments at \$8,533,167,214 were 3.9 p.c. lower. The drop in shipments was also accompanied by a contraction in employment of 5.6 p.c. and a drop in salary and wage payments of 3.1 p.c. The decline in manufacturing activity was greater in Ontario than in any other major industrial province. This is indicated by a decrease of only 4.5 p.c. in employment, 1.5 p.c. in salaries and wages paid, 1.3 p.c. in the selling value of factory shipments for Canada as a whole. As the decline in manufacturing production for Canada was the result of a drop of 8.1 p.c. in the physical output of durable goods such as transportation equipment, iron and steel products, and electrical apparatus and supplies of which Ontario is the major producer, the effects were, therefore, more severely felt by Ontario manufacturers. In contrast to the heavy decline in the production of durable goods, non-durable goods only dropped 1.1 p.c. The other major industrial provinces, producing mainly non-durable goods, were therefore not as severely affected as Ontario.

Establishments reporting in 1954 numbered 13,178. They furnished employment to 598,914 persons who were paid \$1,954,767,388 in salaries and wages, and spent \$4,412,536,948 for materials used. The value added by manufacture which is the calculated value of production less the cost of materials used, including the cost of fuel and electricity, amounted to \$3,930,730,030.

Ontario, which is now recognized as one of the world's major industrial areas, accounts for approximately half of Canada's manufacturing production. Here, the proximity of raw materials, cheap hydro-electric power, and a strategic location in relation to export markets, not only on this continent but overseas, have been the decisive factors in the development of Ontario to its present industrial position. Most of the manufactures of the province and most of its population are located in Southern Ontario. This area has the inestimable advantage of bordering on the St. Lawrence-Great Lakes waterway system which gives access westward to the heart of the continent and eastward to the shipping routes of the world, and which is also the source of most of Ontario's hydro-electricity. Many new industrial areas are being created as new industries and branch plants of established industries are increasingly being located in the smaller towns.

Despite the great industrial progress made by other provinces, Ontario continues to maintain its predominance and in 1954 produced about 49 per cent of the nation's manufactured goods. A vast increase of steel ingot capacity is being made possible by developments at Steep Rock Iron Mines. At Sarnia, huge investments have gone into the con-

struction of new plant for a whole group of new products based on Alberta oil flowing through the Edmonton-Superior pipe line. Other significant developments are taking place in synthetic rubber and industrial and consumer chemicals. Ontario has continued to gain in such traditional lines as motor vehicles, industrial and farm machinery, and the manufacture of household equipment. The same may be said of other "hard" goods like business and office machinery and electrical apparatus and supplies. Numerous plants making aircraft components and building materials have favoured the Toronto area, and chemical production has been rising by leaps and bounds in the vicinity of Sarnia and along the lower reaches of the St. Lawrence River between Cornwall and Kingston.

Ontario has the greatest diversification of manufacturing production of any province. Certain industries, such as the manufacture of motor vehicles, motor vehicle parts, heavy electrical machinery, agricultural implements, machine tools, starch and glucose, bicycles and the processing of raw tobacco are carried on practically in this province alone. Of the forty leading industries in Canada in 1954, a substantial number of them were dominated by Ontario's share of the total production. These industries, with the percentage which the production of each bears to that of the 1954 Canada totals are as follows: motor vehicles 98.4, motor vehicle parts 95.9, heavy electrical machinery 92.8, agricultural implements 92.4, rubber goods 81.0, primary iron and steel 77.2, radio and television sets and parts 75.3, iron castings 67.5, fruit and vegetable preparations 65.7, aircraft and parts 65.6, miscellaneous paper products 63.8, sheet metal products 59.4, printing and bookbinding 58.4, industrial machinery 57.8, brass and copper products 56.4, acids, alkalies and salts 54.5, miscellaneous electrical apparatus 53.0, boxes and bags, paper 52.5 and furniture 50.0. In addition Ontario dominated many of the smaller industries in 1954 as follows: machine tools 100.0, bicycles and parts 96.9, tobacco processing and packing 95.0, miscellaneous non-ferrous metal products 90.0, soaps and washing compounds 89.7, breakfast foods 88.8, automobile accessories, fabric 88.6, typewriter supplies 87.2, leather tanneries 87.1, wine 87.1, carpets, mats and rugs 85.9, artificial abrasives 84.3, refrigerators, vacuum cleaners and appliances 81.6, batteries 81.5, sporting goods 80.2, cordage, rope and twine 79.8, household and office machinery 75.8, wool yarn 74.5, white metal alloys 74.4, toys and games 74.3, scientific and professional equipment 72.8, boilers, tanks and plate work 72.0, heating and cooking apparatus 71.9, hardware, tools and cutlery 71.8, jewellery and silverware 71.5, animal oils and fats 69.5, feed mills 67.7, aluminum products 58.0, confectionery 55.2, knitted goods 50.5, and hosiery 46.8.

THE MANUFACTURING INDUSTRIES

TABLE 1. Principal Statistics of the Manufacturing Industries, by Provinces, 1954

	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments
Provinces						
Newfoundland	790	9,892	30,101,186	46,503,032	59,483,922	109,567,770
Prince Edward Island	209	1,774	3,000,211	17,001,551	6,044,749	23,469,743
Nova Scotia	1,526	29,611	71,740,240	161,294,873	129,777,850	300,072,733
New Brunswick	1,057	22,107	55,109,428	157,215,921	118,015,815	287,350,600
Quebec	12,191	424,095	1,214,661,400	2,806,248,363	2,448,027,538	5,395,786,644
Ontario	13,178	598,914	1,954,767,388	4,412,536,948	3,930,730,030	8,533,167,214
Manitoba	1,522	41,224	116,454,886	328,827,609	232,487,743	571,408,772
Saskatchewan	1,010	11,526	33,509,833	169,326,001	104,560,398	280,733,784
Alberta	2,052	32,765	96,909,889	346,524,989	219,327,509	575,277,702
British Columbia	4,462	95,867	319,802,914	794,885,369	651,812,950	1,474,156,242
Yukon and Northwest Territories	31	191	630,316	1,492,898	1,855,633	3,536,300
Canada	38,028	1,267,966	3,896,687,691	9,241,857,554	7,902,124,137	17,554,527,504

1. Calculated value of production² less cost of fuel, electricity and materials used.

2. See last three paragraphs of text, Section A. Summary for Canada.

TABLE 2. Principal Statistics of the Manufacturing Industries, 1931 to 1954

Year	Establishments	Capital	Employees	Earnings	Cost at plant of materials used	Value added by manufacture ¹	Gross value of products ²
1931	9,546	1,811,379,155	257,601	297,214,788	597,121,355	624,809,456	1,257,449,583
1932	9,230	1,660,299,740	227,859	241,163,008	459,279,685	481,979,742	971,521,866
1933	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1934	9,698	1,560,415,973	248,761	256,970,207	609,875,050	562,399,245	1,205,418,094
1935	9,636	1,542,657,257	270,449	289,982,198	717,862,532	609,641,993	1,363,185,363
1936	9,753	1,588,484,130	288,992	314,872,843	822,884,081	686,470,917	1,547,551,931
1937	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,880,388,188
1938	9,883	1,676,896,175	311,274	362,351,277	909,958,721	757,620,632	1,712,496,421
1939	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1940	10,040	1,988,461,940	372,643	479,399,188	1,236,738,529	1,004,529,583	2,302,014,654
1941	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	1,360,055,756	3,121,756,568
1942	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	1,671,130,314	3,817,396,404
1943	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	1,844,651,587	4,221,101,063
1944	10,730	Not collected	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1945	10,869	"	518,056	883,483,387	2,148,290,603	1,720,938,199	3,965,069,021
1946	11,424	"	498,120	845,216,547	2,001,900,592	1,659,284,622	3,754,523,701
1947	11,860	"	537,581	1,037,976,714	2,651,697,573	2,136,014,184	4,903,472,526
1948	12,118	"	551,556	1,210,438,044	3,118,084,345	2,486,007,774	5,742,269,854
1949	12,951	"	557,190	1,305,544,434	3,256,454,918	2,708,554,013	6,103,804,834
1950	12,809	"	566,513	1,412,999,146	3,598,821,495	3,068,141,837	6,822,953,981
1951	13,025	"	599,433	1,669,386,982	4,334,394,367	3,569,400,065	8,074,731,217
1952	13,172	"	609,696	1,844,186,405	4,387,431,403	3,811,106,576	8,372,173,626
1953	13,114	"	634,554	2,017,982,218	4,560,134,562	4,130,126,462	8,876,504,990
1954	13,178	"	598,914	1,954,767,388	4,412,536,948	3,930,730,030	8,533,167,214

1. In 1951 and previous years the value added by manufacture is computed by subtracting the cost of fuel, electricity and materials from the gross value of products. For years 1952 and 1953 the deduction is made from the value of factory shipments and in 1954 from the calculated value of production. See last three paragraphs of text, Section A. Summary for Canada.

2. In 1952 and subsequent years the basis of collection is "Value of factory shipments" instead of "Gross value of products".

TABLE 3. Principal Statistics Compared, 1953 and 1954

Principal statistics		1953	1954	+ Increase - Decrease
Establishments.....	No.	13,114	13,178	+ 64
Supervisory and office employees:				
Male	No.	96,231	98,559	+ 2,328
Female.....	"	42,854	43,279	+ 425
Earnings	\$	541,339,538	571,549,485	+ 30,209,947
Production workers:				
Male	No.	395,157	365,635	- 29,522
Female.....	"	100,312	91,441	- 8,871
Earnings	\$	1,476,642,680	1,383,217,903	- 93,424,777
Cost of fuel and electricity	"	186,243,966	186,767,220	+ 523,254
Cost at plant of materials used	"	4,560,134,562	4,412,536,948	- 147,597,614
Value added by manufacture ¹	"	4,130,126,462	3,930,730,030	- 199,396,432
Selling value of factory shipments	"	8,876,504,990	8,533,167,214	- 343,337,776

1. In 1954 cost of materials, fuel and electricity is deducted from the calculated value of production² instead of from the selling value of factory shipments as in 1953. The figures for these two years are, therefore, not strictly comparable.

2. See last three paragraphs of text, Section A. Summary for Canada.

TABLE 4. Principal Statistics of the Forty Leading Industries, 1954

No.	Industries	Estab- lish- ments	Em- ployees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Motor vehicles.....	12	26,910	102,393,867	471,422,829	172,132,583	655,662,973
2	Non-ferrous metal smelting and refining.....	8	10,262	40,457,907	211,606,673	173,360,919	403,151,628
3	Pulp and paper	41	19,043	77,982,802	156,176,779	185,595,027	364,993,888
4	Slaughtering and meat packing	57	8,723	30,135,936	259,342,840	623,623,318	323,544,469
5	Primary iron and steel	19	20,166	78,534,762	111,559,518	168,894,479	295,911,606
6	Petroleum products ²	13	5,209	22,113,345	167,497,368	97,376,363	275,999,765
7	Motor vehicle parts.....	104	17,282	62,190,625	118,468,727	106,942,348	229,314,438
8	Aircraft and parts	20	20,805	82,833,165	113,048,265	110,206,960	224,911,088
9	Rubber products.....	38	14,529	49,434,804	86,953,292	120,109,371	214,046,655
10	Machinery, heavy, electrical.....	43	20,493	77,643,611	63,759,538	119,673,831	187,528,435
11	Radio and television sets and parts	84	12,770	37,556,336	101,100,281	69,101,256	172,140,809
12	Butter and cheese.....	472	7,585	21,841,373	103,521,161	38,478,050	144,657,029
13	Miscellaneous electrical apparatus and supplies	97	10,649	36,507,635	68,797,484	71,627,490	141,690,849
14	Fruit and vegetable preparations.....	192	9,921	23,208,248	85,179,874	56,123,954	141,283,692
15	Sheet metal products	181	10,554	36,896,764	67,960,816	68,939,882	138,116,977
16	Machinery, industrial.....	185	12,649	45,624,544	51,968,994	81,783,306	135,102,513
17	Printing and publishing.....	307	13,438	48,489,213	34,721,758	88,044,423	123,834,816
18	Bread and other bakery products	846	14,668	37,661,910	54,255,183	60,393,691	118,677,202
19	Miscellaneous food preparations	128	4,700	13,704,658	76,726,237	38,393,923	116,575,312
20	Furniture	703	14,602	40,112,285	52,715,120	62,542,743	116,194,381
21	Agricultural implements	29	10,849	37,431,944	62,812,345	44,196,483	109,922,007
22	Printing and bookbinding	752	12,797	39,541,871	40,650,529	68,091,815	109,204,498
23	Refrigerators, vacuum cleaners and appliances	64	7,336	24,060,382	46,975,994	59,399,720	106,468,592
24	Boxes, paper	106	7,280	22,793,391	60,429,762	41,398,754	102,069,793
25	Flour mills	50	2,120	6,721,094	84,424,307	14,834,418	99,965,927
26	Miscellaneous paper products	117	6,606	20,693,427	55,792,910	43,210,444	99,107,040
27	Castings, iron	93	8,766	31,163,390	42,074,685	50,959,910	94,389,827
28	Miscellaneous chemical products	131	4,716	17,285,302	41,870,277	45,731,760	94,101,583
29	Railway rolling stock	16	6,448	23,158,008	47,588,338	41,076,400	89,748,449
30	Brass and copper products	88	4,836	17,385,187	56,846,475	31,334,452	89,041,309
31	Hardware, tools and cutlery	271	9,702	32,468,971	28,622,870	55,772,851	85,046,885
32	Breweries	21	3,214	13,486,853	19,563,019	63,958,814	84,743,410
33	Soaps, washing compounds and clean- ing preparations	68	3,067	11,711,360	36,963,630	45,692,688	82,950,239
34	Feeds, stock and poultry, prepared ..	236	2,735	6,978,233	63,083,905	15,517,446	79,739,375
35	Acids, alkalies and salts	22	4,507	17,505,366	25,091,181	44,492,971	77,333,737
36	Heating and cooking apparatus	65	5,991	19,823,258	35,032,223	37,323,218	73,375,700
37	Machinery, household, office & store	43	5,532	19,494,364	33,074,530	40,495,033	72,711,297
38	Clothing, men's, factory	154	10,539	23,810,862	36,457,976	35,684,867	72,552,335
39	Tobacco processing and packing	9	1,594	3,046,606	63,367,349	6,046,729	69,620,623
40	Sawmills	1,112	7,550	16,248,640	37,518,409	30,928,367	69,286,415
	Totals, leading industries	7,047	401,143	1,370,132,799	3,375,023,456	2,768,930,557	6,284,717,566
	Totals, all industries	13,178	598,914	1,954,767,388	4,412,536,948	3,930,730,030	8,533,167,214
	Percentage of leading industries to all industries	53.47	66.97	70.09	76.48	70.44	73.65

1. See footnote 1, Table 5, page 8.

2. See footnote 2, Table 5, page 9.

THE MANUFACTURING INDUSTRIES

TABLE 5. Principal Statistics by Industrial Groups, 1953 and 1954

No.	Industrial group	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
	No.	No.	No.	\$	No.	No.	\$	
1953								
1	Foods and beverages	2,920	9,903	4,752	49,739,089	40,933	15,102	142,903,467
2	Tobacco and tobacco products.....	16	226	50	1,284,947	742	908	2,967,391
3	Rubber products	39	3,135	1,190	15,461,129	9,502	2,440	37,828,577
4	Leather products	244	1,202	580	6,887,941	7,133	4,663	26,032,950
5	Textiles.....	383	2,766	1,424	16,106,795	13,831	9,938	56,680,932
6	Knitting mills	133	792	744	6,069,538	3,511	7,678	22,501,143
7	Clothing.....	836	2,514	1,607	14,427,878	7,658	14,929	47,515,514
8	Wood products.....	2,626	5,380	1,311	20,452,977	28,229	2,169	71,215,624
9	Paper products.....	267	4,121	1,934	29,063,472	22,818	4,329	89,098,950
10	Printing, publishing and allied industries	1,707	7,486	4,936	41,341,616	16,271	4,965	67,222,276
11	Iron and steel products	1,379	17,985	6,962	103,008,784	89,883	5,368	320,069,879
12	Transportation equipment	247	13,205	4,455	78,901,572	66,978	3,521	251,956,883
13	Non-ferrous metal products.....	297	3,625	1,463	20,774,672	20,259	2,254	73,655,631
14	Electrical apparatus and supplies.....	274	10,760	4,479	59,708,029	27,584	11,912	118,013,008
15	Non-metallic mineral products	502	2,462	1,078	13,971,036	13,064	974	44,250,578
16	Products of petroleum and coal	35	2,232	912	13,236,244	4,886	36	18,403,130
17	Chemicals and allied products.....	539	5,460	3,239	33,169,994	13,099	2,789	49,449,183
18	Miscellaneous industries	670	2,977	1,738	17,733,825	8,776	6,337	36,877,564
Totals, 1953		13,114	96,231	42,854	541,339,538	395,157	100,312	1,476,642,680
1954								
19	Foods and beverages.....	2,876	10,215	4,754	53,290,739	41,035	14,982	146,226,972
20	Tobacco and tobacco products.....	18	207	54	1,203,315	881	961	3,371,666
21	Rubber products	38	2,723	1,104	15,030,201	8,884	1,818	34,404,603
22	Leather products	239	1,176	569	6,974,065	6,559	4,253	23,878,729
23	Textiles.....	384	2,615	1,370	16,409,502	12,317	8,269	51,235,910
24	Knitting mills	131	726	681	5,476,118	2,912	6,186	18,705,960
25	Clothing.....	816	2,422	1,499	14,371,823	7,160	13,645	43,270,668
26	Wood products.....	2,576	5,187	1,274	20,074,421	26,478	2,056	69,361,482
27	Paper products	270	4,210	1,952	30,809,207	23,156	4,241	92,616,388
28	Printing, publishing and allied industries	1,739	7,647	5,190	44,903,015	16,769	5,003	71,806,544
29	Iron and steel products	1,440	18,256	6,645	107,797,638	80,184	4,965	286,869,489
30	Transportation equipment	245	13,879	4,437	82,593,864	55,415	2,915	204,565,931
31	Non-ferrous metal products	304	3,692	1,391	21,841,454	18,927	1,991	70,723,355
32	Electrical apparatus and supplies.....	301	11,765	5,264	67,490,758	25,081	10,772	114,102,433
33	Non-metallic mineral products	529	2,726	1,043	15,094,146	13,552	923	46,939,222
34	Products of petroleum and coal	35	2,342	952	14,111,666	4,744	37	18,108,456
35	Chemicals and allied products.....	550	5,725	3,277	36,096,353	12,998	2,725	50,662,953
36	Miscellaneous industries	687	3,046	1,823	17,981,200	8,583	5,699	36,367,142
Totals, 1954		13,178	98,559	43,279	571,549,485	365,635	91,441	1,383,217,903

1. There were three major changes in concept affecting the data for the Primary Iron and Steel Industry in 1954. The first one involved a change in the method of counting establishments; the second concerned a change in valuing shipments of wire rods transferred to makers' own processing plants; while the third concerned the method of calculating "value added by manufacture." Figures for 1954 are, therefore, not comparable with previous years. See footnotes Table 2 of the 1954 report on the Primary Iron and Steel Industry.

TABLE 1. Principal Statistics by Industrial Groups, 1933 and 1934

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	\$	\$	\$	\$	\$	
70,690	192,642,556	20,513,329	895,536,585	489,917,513	1,405,967,427	1
1,926	4,252,338	218,161	61,222,664	10,930,923	72,371,748	2
16,267	53,289,706	3,009,217	93,562,852	141,173,937	237,746,006	3
13,578	32,920,891	1,328,949	57,979,230	46,663,956	105,972,135	4
27,959	72,787,727	5,453,933	157,066,653	131,220,719	293,741,315	5
12,725	28,570,681	963,506	43,027,438	39,886,593	83,882,637	6
26,708	61,943,392	755,731	96,502,321	93,260,996	190,619,048	7
37,089	91,668,601	3,568,857	160,005,059	155,457,361	319,131,277	8
33,202	118,162,422	23,490,102	272,534,254	269,601,918	565,626,274	9
33,658	108,563,392	2,169,573	94,514,251	192,011,617	288,695,541	10
120,198	423,073,663	36,764,757	616,462,632	763,383,605	1,416,611,044	11
88,159	330,858,455	11,272,496	852,415,360	634,467,438	1,498,155,294	12
27,601	94,430,303	20,288,943	327,921,987	262,042,313	610,253,243	13
54,735	177,721,037	5,184,563	281,698,048	339,744,085	626,626,696	14
17,578	58,221,614	17,052,710	71,157,289	131,360,625	219,570,624	15
8,066	31,639,374	12,875,322	187,824,365	76,778,107	277,477,794	16
24,587	82,619,177	19,455,440	225,307,664	252,969,273	497,732,377	17
19,828	54,611,389	1,773,177	65,295,850	99,255,483	166,324,510	18
634,554	2,017,982,218	186,243,966	4,560,134,562	4,130,126,462	8,876,504,990	
70,986	199,517,711	21,236,700	896,394,828	509,564,667	1,423,775,749	19
2,103	4,574,981	240,353	67,131,660	10,305,257	77,817,667	20
14,529	49,434,804	3,219,948	86,953,292	120,109,371	214,046,655	21
12,557	30,852,794	1,306,110	48,711,066	46,894,433	97,481,405	22
24,571	67,645,412	5,165,497	138,491,611	117,397,196	263,280,143	23
10,505	24,182,078	951,497	34,407,956	36,160,702	73,994,423	24
24,726	57,642,491	900,399	86,305,922	86,955,360	174,510,534	25
34,995	89,435,903	4,083,897	145,850,953	144,911,973	294,643,124	26
33,559	123,425,595	25,144,720	278,531,263	276,296,102	578,502,365	27
34,609	116,709,559	2,416,793	102,182,375	202,919,415	306,995,604	28
110,050	394,667,127	31,491,146	547,747,167	705,520,734	1,280,476,405 ¹	29
76,646	287,159,795	11,137,705	764,473,548	455,910,714	1,239,635,286	30
26,001	92,564,809	21,647,220	331,457,194	262,459,808	614,950,612	31
52,882	181,593,191	5,523,628	296,312,863	331,918,528	636,590,856	32
18,244	62,033,368	17,600,435	78,998,349	140,186,392	235,254,019	33
8,075	32,220,122	13,407,509	204,459,701	130,257,423	348,012,142 ²	34
24,725	86,759,306	19,284,510	239,579,301	257,894,377	513,632,938	35
19,151	54,348,342	2,009,153	64,547,899	95,067,578	159,567,287	36
598,914	1,954,767,388	186,767,220	4,412,536,948	3,930,730,030	8,533,167,214	

2. Apparent advance in the selling value of factory shipments is due in part to an actual gain in physical output but the major factor contributing to this increase was a change in calculating the value of factory shipments in the petroleum products industry.

TABLE 6. Principal Statistics of the Individual Industries, 1954

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	\$	No.	No.	\$
<i>1. Foods and beverages:</i>								
Bakery products:								
1	Biscuits	12	155	102	916,723	696	1,255	4,337,686
2	Bread and other bakery products	846	1,433	591	5,969,835	9,569	3,075	31,692,075
Beverages:								
3	Breweries	21	625	193	4,475,131	2,375	21	9,011,722
4	Carbonated beverages	176	703	281	3,256,378	1,803	111	4,614,198
5	Distilled liquors	9	247	137	1,552,567	1,101	484	4,958,594
6	Wines	13	94	49	719,713	228	42	864,238
Canning and processing:								
7	Fruit and vegetable preparations	192	1,077	676	6,692,793	4,205	3,963	16,515,455
Dairy products:								
8	Butter and cheese	472	1,146	589	4,781,795	5,462	388	17,059,578
9	Cheese, process	10	52	22	296,884	126	232	728,469
10	Concentrated milk products	13	106	55	550,976	613	51	1,852,342
11	Dairy products, other	15	47	22	221,529	115	43	381,792
Grain mill products:								
12	Feeds, stock and poultry, prepared	286	540	223	2,097,470	1,896	76	4,880,763
13	Feed mills	434	468	54	877,316	669	25	1,159,761
14	Flour mills	50	364	170	2,035,622	1,551	35	4,685,472
15	Foods, breakfast	7	115	87	1,022,384	705	307	2,720,788
Meat products:								
16	Animal oils and fats	9	37	8	208,258	180	—	478,033
17	Sausage and sausage casings	43	149	34	691,338	341	144	1,213,221
18	Slaughtering and meat packing	57	1,476	541	8,464,107	5,466	1,240	21,671,829
Other food industries:								
19	Confectionery	77	333	321	2,027,033	1,668	2,203	8,377,809
20	Macaroni and kindred products	4	17	6	109,519	64	35	217,249
21	Sugar refineries	2	1,031	593	6,323,368	2,202	1,252	8,805,898
22	Miscellaneous food preparations	128						
23	Totals, foods and beverages	2,876	10,215	4,754	53,290,739	41,035	14,982	146,226,972
<i>2. Tobacco and tobacco products:</i>								
24	Tobacco, cigars and cigarettes	9	61	36	376,895	169	243	1,151,480
25	Tobacco processing and packing	9	146	18	826,420	712	718	2,220,186
26	Totals, tobacco and tobacco products	18	207	54	1,203,315	881	961	3,371,666
<i>3. Rubber products:</i>								
27	Rubber goods, including footwear	38	2,723	1,104	15,030,201	8,884	1,818	34,404,603
28	Totals, rubber products	38	2,723	1,104	15,030,201	8,884	1,818	34,404,603
<i>4. Leather products:</i>								
29	Footwear, leather	92	555	283	3,402,810	3,061	3,064	12,518,996
30	Gloves and mittens, leather	20	29	23	175,061	124	188	527,103
31	Leather tanning	26	323	130	1,885,033	2,483	264	7,522,865
Other leather industries:								
32	Belting, leather	6	10	7	59,264	36	6	130,906
33	Boot and shoe findings, leather	8	17	7	82,365	95	30	294,013
34	Miscellaneous leather goods, n.e.s.	87	242	119	1,369,532	760	701	2,884,846
35	Totals, leather products	239	1,176	569	6,974,065	6,559	4,253	23,878,729
<i>5. Textiles:</i>								
Cotton goods:								
36	Cotton thread	4	25	11	126,739	27	60	198,096
37	Cotton yarn and cloth	26	436	282	2,865,483	3,658	2,422	14,303,524
38	Miscellaneous cotton goods	5	29	10	297,107	292	70	1,040,950
Woollen goods:								
39	Carpets, mats and rugs	13	122	69	821,646	717	370	2,887,514
40	Woollen cloth	27	259	129	1,459,189	1,547	1,052	5,749,310
41	Woollen yarn	24	157	142	1,106,847	760	1,137	4,114,743
42	Miscellaneous woollen goods	28	149	70	1,208,075	781	226	2,711,408

TABLE 6. Principal Statistics of the Individual Industries, 1954

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	\$	\$	\$	\$	\$	
2,208 14,668	5,254,409 37,661,910	492,565 4,015,005	12,311,084 54,255,188	15,544,306 60,393,691	28,342,919 118,677,202	1 2
3,214 2,898 1,969 413	13,486,853 7,870,576 6,511,161 1,583,951	952,782 1,046,546 911,936 116,506	19,563,019 12,319,561 22,776,422 4,005,069	63,958,814 26,155,459 43,256,011 6,412,111	84,743,410 39,504,851 66,293,544 10,495,454	3 4 5 6
9,921	23,208,248	1,844,829	85,179,874	56,123,954	141,283,692	7
7,585 432 825 227	21,841,373 1,025,353 2,403,318 603,321	2,970,972 59,858 747,633 116,994	103,521,161 7,483,146 24,543,036 1,586,567	38,478,050 2,423,609 9,203,350 1,502,815	144,657,029 10,012,004 34,551,534 3,205,464	8 9 10 11
2,735 1,216 2,120 1,214	6,978,233 2,037,077 6,721,094 3,743,172	1,340,175 502,223 699,823 305,233	63,083,905 13,619,888 84,424,307 8,488,523	15,517,446 3,054,913 14,834,418 13,529,011	79,739,375 17,135,308 99,965,927 22,739,529	12 13 14 15
225 668 8,723	686,291 1,904,559 30,135,936	156,311 198,602 2,088,572	2,071,315 5,571,632 259,342,840	1,540,682 5,258,662 62,562,318	3,771,837 11,055,163 323,544,469	16 17 18
4,525 122	10,404,842 326,768	617,305 20,956	30,526,066 1,530,352	26,371,403 814,720	57,006,961 2,351,231	19 20
5,078	15,129,266	2,031,874	80,191,873	42,628,924	124,698,846	21 22
70,986	199,517,711	21,236,700	896,394,828	509,564,667	1,423,775,749	23
509 1,594	1,528,375 3,046,606	33,808 206,545	3,764,311 63,367,349	4,258,528 6,046,729	8,197,044 69,620,623	24 25
2,103	4,574,981	240,353	67,131,660	10,305,257	77,817,667	26
14,529 14,529	49,434,804 49,434,804	3,219,948 3,219,948	86,953,292 86,953,292	120,109,371 120,109,371	214,046,655 214,046,655	27 28
6,963 364 3,200	15,921,806 702,164 9,407,898	255,569 15,731 903,654	20,328,043 943,449 20,732,122	23,888,172 794,325 15,112,495	44,556,838 1,821,996 37,096,011	29 30 31
59 149 1,822	190,170 376,378 4,254,378	13,650 30,522 86,984	230,142 1,217,150 5,260,160	424,123 366,731 6,308,587	667,354 1,649,177 11,690,029	32 33 34
12,557	30,852,794	1,306,110	48,711,066	46,894,433	97,481,405	35
123 6,798 401	324,835 17,169,007 1,338,057	28,265 1,117,243 81,870	756,780 33,341,504 2,566,193	676,493 25,652,277 1,881,748	1,452,368 59,926,568 4,522,307	36 37 38
1,278 2,987 2,196 1,226	3,709,160 7,208,499 5,221,590 3,919,483	226,531 569,665 361,543 258,077	5,755,322 12,385,154 13,980,149 10,732,118	6,561,124 9,169,561 7,261,742 6,897,482	12,283,299 22,415,543 21,776,697 18,231,422	39 40 41 42

TABLE 6. Principal Statistics of the Individual Industries, 1954 — Continued

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
No.	No.	No.	\$	No.	No.	\$		
	5. Textiles—concluded.							
1	Synthetic textiles and silk	11	605	228	3,608,846	2,171	635	9,202,987
	Other primary textiles:							
2	Dyeing and finishing of textiles.....	16	61	25	252,787	265	50	862,772
3	Narrow fabrics.....	19	49	28	312,014	196	314	1,057,187
	Other textile industries:							
4	Automobile accessories, fabric	11	77	46	537,230	278	282	1,362,663
5	Awnings, tents and sails.....	62	113	36	414,171	292	258	1,048,674
6	Bags, cotton and jute.....	11	26	16	149,379	83	140	466,113
7	Cordage, rope and twine	7	85	48	644,985	569	247	2,339,881
8	Embroideries, pleating, hemstitching, etc.	42	59	21	310,322	95	167	445,370
9	Oilcloth, linoleum and other coated fabrics	3	115	39	705,572	198	75	926,359
10	Miscellaneous textiles, n.e.s.	75	248	170	1,589,110	388	764	2,518,359
11	Totals, textiles	384	2,615	1,370	16,409,502	12,317	8,269	51,235,910
	6(a) Knitting mills:							
12	Hosiery	52	318	309	2,555,211	1,554	2,152	8,484,294
13	Knitted goods	79	408	372	2,920,907	1,358	4,034	10,221,666
14	Totals, knitting mills	131	726	681	5,476,118	2,912	6,186	18,705,960
	6(b) Clothing:							
	Men's, women's and children's clothing:							
15	Clothing, children's, factory	46	103	74	585,417	186	939	1,963,262
16	Clothing, men's, factory	154	967	684	5,954,976	3,106	5,782	17,855,886
17	Clothing, women's, factory	259	577	380	3,833,690	1,843	3,970	12,715,088
18	Clothing contractors, men's	17	33	3	90,086	72	109	355,255
19	Clothing contractors, women's	15	27	4	78,798	22	157	264,385
	Miscellaneous clothing:							
20	Corsets	20	66	122	694,512	113	1,011	2,063,296
21	Fur dressing and dyeing	4	29	3	91,530	149	37	451,037
22	Fur goods	203	371	94	1,569,061	796	398	3,267,621
23	Gloves and mittens, fabric	4	8	8	45,229	16	99	162,413
24	Hats and caps	68	189	95	1,112,051	706	822	3,261,055
25	Oiled and waterproofed clothing	5	13	9	63,816	56	70	257,551
26	Clothing, n.e.s.	21	39	23	252,657	95	251	653,819
27	Totals, clothing	816	2,422	1,499	14,371,823	7,160	13,645	43,270,668
	7. Wood products:							
28	Furniture	703	1,844	663	9,374,047	11,113	982	30,738,238
	Saw and planing mills:							
29	Flooring, hardwood	12	86	31	548,312	646	25	1,662,409
30	Sash, door and planing mills	481	938	221	3,683,172	4,346	39	10,616,035
31	Sawmills	1,112	1,616	91	2,910,013	5,794	49	13,338,627
32	Veneers and plywoods	14	87	43	563,969	997	238	3,328,690
	Other wood industries:							
33	Beekeepers' and poultrymen's supplies	5	4	2	8,880	4	—	8,617
34	Boxes and baskets, wood	63	161	46	784,206	1,318	320	3,379,056
35	Cooperage	9	51	21	245,672	290	—	866,827
36	Excelsior	6	9	2	29,482	48	10	92,461
37	Lasts, trees and shoe findings	6	15	3	73,919	76	39	280,460
38	Morticians' goods	19	58	35	345,066	412	62	1,126,049
39	Woodenware	11	18	10	70,254	108	33	262,416
40	Wood turning	24	53	23	290,583	336	51	868,287
41	Miscellaneous wood products, n.e.s.	111	247	83	1,146,846	990	208	2,793,310
42	Totals, wood products	2,576	5,187	1,274	20,074,421	26,478	2,056	69,361,482

TABLE 6. Principal Statistics of the Individual Industries, 1954 - Continued

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	\$	\$	\$	\$	\$	
3,639	12,811,833	1,798,281	24,045,708	31,889,229	59,229,264	1
401	1,115,559	75,765	460,838	1,683,297	2,219,900	2
587	1,369,201	57,225	1,928,192	2,480,355	4,502,173	3
683	1,899,893	76,468	5,269,026	3,454,067	8,752,938	4
699	1,462,845	62,208	2,937,628	2,387,405	5,392,934	5
265	615,492	22,711	3,927,395	1,119,913	5,059,702	6
949	2,984,866	144,885	6,350,625	5,185,159	12,000,537	7
342	755,692	22,428	497,073	1,166,239	1,686,706	8
427	1,631,931	129,983	4,052,075	3,829,559	8,042,207	9
1,570	4,107,469	132,349	9,505,831	6,101,546	15,785,578	10
24,571	67,645,412	5,165,497	138,491,611	117,397,196	263,280,143	11
4,333	11,039,505	356,264	10,258,180	16,171,393	27,380,897	12
6,172	13,142,573	595,233	24,149,776	19,989,309	46,613,526	13
10,505	24,182,078	951,497	34,407,956	36,160,702	73,994,423	14
1,302	2,548,679	42,738	3,745,064	4,074,371	7,812,578	15
10,539	23,810,862	296,889	36,457,976	35,684,867	72,552,335	16
6,770	16,548,778	206,665	23,671,561	24,668,280	48,573,849	17
217	445,341	8,534	94,942	551,643	655,119	18
210	343,183	8,783	84,092	766,316	859,191	19
1,312	2,757,808	28,663	3,655,091	3,995,312	7,667,588	20
218	542,567	21,662	160,294	740,016	921,972	21
1,659	4,836,682	121,684	11,065,519	7,414,814	18,778,511	22
131	207,642	4,753	362,568	356,993	738,154	23
1,812	4,373,106	121,957	4,781,443	6,591,047	11,578,002	24
148	321,367	6,491	587,053	547,276	1,131,094	25
408	906,476	31,580	1,640,319	1,564,425	3,242,141	26
24,726	57,642,491	900,399	86,305,922	86,955,360	174,510,534	27
14,602	40,112,285	1,392,632	52,715,120	62,542,743	116,194,381	28
788	2,210,721	100,713	5,305,649	3,215,640	8,219,739	29
5,544	14,299,207	909,505	27,748,935	22,120,250	50,762,838	30
7,550	16,248,640	839,639	37,518,409	30,928,367	69,286,415	31
1,365	3,892,659	150,836	5,457,793	6,764,384	12,373,013	32
10	17,497	3,352	23,326	37,415	63,364	33
1,845	4,163,262	182,243	5,659,556	6,780,857	12,707,172	34
362	1,112,499	77,659	2,106,474	1,522,834	3,706,552	35
69	121,943	15,691	128,764	179,812	323,360	36
133	354,379	12,647	250,838	483,092	745,127	37
567	1,471,115	60,779	1,364,984	2,329,671	3,759,602	38
169	332,670	11,147	413,873	525,412	888,894	39
463	1,158,870	45,852	969,986	1,686,608	2,732,007	40
1,528	3,940,156	281,202	6,187,246	5,794,888	12,880,660	41
34,995	89,435,903	4,083,897	145,850,953	144,911,973	294,643,124	42

TABLE 6. Principal Statistics of the Individual Industries, 1954 — Continued

No.	Industries	Establishment	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
1	8. Paper products:		No.	No.	\$	No.	No.	\$
1	Boxes and bags, paper	106	942	474	6,459,101	3,720	2,144	16,334,290
2	Pulp and paper	41	2,277	816	17,708,140	15,589	361	60,274,662
3	Roofing paper	6	152	51	584,358	403	24	1,371,617
4	Miscellaneous paper goods	117	839	611	6,057,608	3,444	1,712	14,635,819
5	Totals, paper products	270	4,210	1,952	30,809,207	23,156	4,241	92,616,388
6	9. Printing, publishing and allied industries:							
6	Commercial printing:							
6	Printing and bookbinding	752	2,106	1,216	12,287,793	6,531	2,944	27,254,078
7	Trade composition	29	73	24	484,551	401	19	1,649,909
8	Engraving, stereotyping and allied industries:							
8	Engraving, stereotyping and electro-typing	72	393	234	2,993,814	1,892	479	9,449,226
9	Lithographing	52	378	299	3,025,816	1,652	692	7,593,313
10	Printing and publishing:							
10	Printing and publishing	307	3,840	2,436	22,629,195	6,293	869	25,860,018
11	Publishing (only) of periodicals	527	857	981	3,481,846	—	—	—
12	Totals, printing, publishing and allied industries	1,739	7,647	5,190	44,903,015	16,769	5,003	71,806,544
13	10. Iron and steel products:							
13	Agricultural implements	29	2,109	517	10,729,435	8,134	89	26,702,509
14	Boilers, tanks and platework	48	1,399	464	8,046,678	3,782	103	14,066,552
15	Bridge building and structural steel	21	926	216	5,474,861	3,452	20	12,522,983
16	Castings, iron	93	949	388	5,829,799	7,291	138	25,334,091
17	Hardware, tools and cutlery	271	1,405	682	8,748,604	6,589	1,026	23,720,367
18	Heating and cooking apparatus	65	1,003	456	5,987,446	4,321	211	13,835,812
19	Machinery, household, office and store	43	958	476	5,857,830	3,593	505	13,636,534
20	Machinery, industrial	185	2,710	1,072	15,999,042	8,539	328	29,625,502
21	Machine shops	242	444	100	1,996,580	1,652	26	4,608,866
22	Machine tools	14	311	102	1,863,414	1,080	5	3,760,595
23	Primary iron and steel ¹	19	2,512	767	16,282,528	16,700	187	62,252,234
24	Sheet metal products	181	1,748	684	10,661,270	7,064	1,058	26,235,494
25	Wire and wire goods	70	810	360	4,798,834	3,613	403	13,580,861
26	Miscellaneous iron and steel products	159	972	361	5,521,317	4,374	866	16,987,089
27	Totals, iron and steel products	1,440	18,256	6,645	107,797,638	80,184	4,965	286,869,489
28	11. Transportation equipment:							
28	Aircraft and parts	20	5,157	1,705	29,483,639	13,536	407	53,349,526
29	Bicycles and parts	4	155	80	873,982	710	75	2,461,565
30	Boat building	62	117	35	431,127	626	18	1,712,377
31	Carriages, wagons, and sleighs	12	59	34	356,206	421	148	1,412,572
32	Motor vehicles	12	4,710	1,368	29,653,006	20,503	329	72,740,861
33	Motor vehicle parts	104	2,529	925	15,477,553	11,924	1,904	46,713,072
34	Railway rolling stock	16	857	209	4,864,854	5,356	26	18,293,154
35	Ship building	15	295	81	1,453,497	2,339	8	7,882,804
36	Totals, transportation equipment	245	13,879	4,437	82,593,864	55,415	2,915	204,565,931
37	12. Non-ferrous metal products:							
37	Aluminum products	61	782	403	4,686,820	3,215	260	10,939,497
38	Brass and copper products	88	741	342	4,756,624	3,434	319	12,628,563
39	Jewellery and silverware	104	449	300	2,518,317	1,524	814	6,571,289
40	Non-ferrous metal smelting and refining	8	1,244	174	7,064,115	8,838	6	33,393,792
41	White metal alloys	32	376	130	2,184,609	1,702	504	6,399,220
42	Miscellaneous non-ferrous metal products	11	100	42	630,969	214	88	790,994
43	Totals, non-ferrous metal products	304	3,692	1,391	21,841,454	18,927	1,991	70,723,355
44	13. Electrical apparatus and supplies:							
44	Batteries	13	321	180	2,120,868	836	297	3,704,359
45	Radio and television sets and parts	84	2,963	1,735	16,170,523	3,485	4,587	21,385,813
46	Refrigerators, vacuum cleaners and appliances	64	1,414	587	7,857,262	4,235	1,100	16,203,120
47	Machinery, heavy, electrical	43	5,091	1,786	28,771,059	11,012	2,604	48,872,552
48	Miscellaneous electrical apparatus and supplies	97	1,976	976	12,571,046	5,513	2,184	23,936,589
49	Totals, electrical apparatus and supplies	301	11,765	5,264	67,490,758	25,081	10,772	114,102,433

TABLE 6. Principal Statistics of the Individual Industries, 1954 - Continued

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
7,280	22,793,391	743,980	60,429,762	41,398,754	102,069,793	1
19,043	77,982,802	23,222,082	156,176,779	185,595,027	364,993,888	2
630	1,955,975	178,739	6,131,812	6,091,877	12,331,644	3
6,606	20,693,427	999,919	55,792,910	43,210,444	99,107,040	4
33,559	123,425,595	25,144,720	278,531,263	276,296,102	578,502,365	5
12,797	39,541,871	853,137	40,650,529	68,091,815	109,204,498	6
517	2,134,460	33,646	197,182	2,861,309	3,092,402	7
2,998	12,443,040	245,170	4,906,159	18,050,846	23,201,036	8
3,021	10,619,129	193,402	12,244,866	17,576,321	29,906,270	9
13,438	48,489,213	1,091,438	34,721,758	88,044,423	123,834,816	10
1,838	3,481,846	-	9,461,881	8,294,701	17,756,582	11
34,609	116,709,559	2,416,793	102,182,375	202,919,415	306,995,604	12
10,849	37,431,944	1,566,301	62,812,345	44,196,483	109,922,007	13
5,748	22,113,230	728,540	26,139,021	36,393,582	63,122,081	14
4,614	17,997,844	582,769	23,990,122	33,294,223	57,867,114	15
8,766	31,163,890	1,930,933	42,074,685	50,959,910	94,389,827	16
9,702	32,468,971	1,365,524	28,622,870	55,772,851	85,046,885	17
5,991	19,823,258	943,547	35,032,223	37,323,218	73,375,700	18
5,532	19,494,364	551,029	33,074,530	40,495,033	72,711,297	19
12,649	45,624,544	1,442,262	51,968,994	81,783,306	135,102,513	20
2,222	6,605,446	281,342	3,874,186	9,480,427	13,612,243	21
1,498	5,624,009	157,147	4,838,542	8,039,688	12,554,066	22
20,166	78,534,762	17,707,713	111,559,518	168,894,479	295,911,606	23
10,554	36,896,764	1,528,675	67,960,816	68,939,882	138,116,977	24
5,186	18,379,695	955,852	31,783,468	31,644,363	63,946,838	25
6,573	22,508,406	1,749,512	24,015,847	38,303,289	64,797,251	26
110,050	394,667,127	31,491,146	547,747,167	705,520,734	1,280,476,405	27
20,805	82,833,185	1,655,863	113,048,265	110,206,960	224,911,088	28
1,020	3,335,547	132,477	1,997,689	6,282,585	8,445,683	29
796	2,143,504	61,096	1,956,456	3,056,495	4,894,926	30
662	1,768,778	71,109	2,711,535	3,119,730	5,958,907	31
26,910	102,393,867	4,179,190	471,422,829	172,132,583	655,662,973	32
17,282	62,190,625	3,633,259	118,468,727	106,942,848	229,319,438	33
6,448	23,158,008	1,083,711	47,588,338	41,076,400	89,748,449	34
2,723	9,336,301	321,000	7,279,709	13,093,113	20,693,822	35
76,646	287,159,795	11,137,705	764,473,548	455,910,714	1,239,635,286	36
4,660	15,626,317	1,294,615	21,280,732	24,502,321	46,675,768	37
4,836	17,385,187	1,104,629	56,846,475	31,334,452	89,041,309	38
3,087	9,089,606	301,114	18,502,172	14,441,819	33,480,010	39
10,262	40,457,907	18,184,036	211,606,673	173,360,919	403,151,628	40
2,712	8,583,829	672,367	20,674,237	16,016,874	37,068,808	41
444	1,421,963	90,459	2,546,905	2,803,423	5,533,089	42
26,001	92,564,809	21,647,220	331,457,194	262,459,808	614,950,612	43
1,634	5,825,227	320,455	15,679,566	12,116,231	28,762,171	44
12,770	37,556,336	708,672	101,100,281	69,101,256	172,140,809	45
7,336	24,060,382	1,258,860	46,975,994	59,399,720	106,468,592	46
20,493	77,643,611	1,869,686	63,759,538	119,673,831	187,528,435	47
10,649	36,507,635	1,365,955	68,797,484	71,627,490	141,690,849	48
52,882	181,593,191	5,523,628	296,312,863	331,918,528	636,590,856	49

TABLE 6. Principal Statistics of the Individual Industries, 1954 — Concluded

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
	No.	No.	No.	\$	No.	No.	\$	
14. Non-metallic mineral products:								
1	Abrasives, artificial	12	382	164	2,300,076	1,663	64	6,346,762
2	Asbestos products	8	103	36	512,290	396	23	1,444,406
3	Cement, hydraulic	3	40	4	191,771	638	2	2,449,391
4	Clay products from domestic clay	67	138	54	844,426	1,744	34	5,721,557
5	Clay products from imported clay	20	166	50	921,344	694	216	2,715,024
6	Concrete products	242	690	132	3,037,380	2,921	11	8,866,943
7	Glass and glass products	62	473	323	3,119,890	3,020	503	11,419,790
8	Lime	13	39	7	176,153	333	—	1,132,845
9	Salt	7	117	38	623,298	211	23	779,801
10	Sand-lime brick	3	10	—	49,219	98	—	317,883
11	Stone products	62	242	95	1,416,318	1,181	7	3,817,288
	Other miscellaneous non-metallic industries:							
12	Gypsum products	2	326	140	1,901,981	653	40	1,927,524
13	Misc. non-metallic mineral products	28						
14	Totals, non-metallic mineral products	529	2,726	1,043	15,094,146	13,552	923	46,939,222
15. Products of petroleum and coal:								
15	Coke and gas products	14	578	241	3,185,394	1,838	—	6,251,285
16	Petroleum products ²	13	1,704	677	10,627,178	2,798	30	11,486,167
17	Miscellaneous products of petroleum and coal	8	60	34	299,094	108	7	371,004
18	Totals, products of petroleum and coal	35	2,342	952	14,111,666	4,744	37	18,108,456
16. Chemicals and allied products:								
19	Acids, alkalies and salts	22	1,245	346	6,652,570	2,893	23	10,852,796
20	Fertilizers	17	221	64	1,082,545	659	5	2,141,241
21	Medicinal and pharmaceutical preparations	94	582	676	5,054,142	1,100	1,241	5,955,613
22	Paints, varnishes and lacquers	66	687	385	4,061,551	1,666	120	5,714,727
23	Primary plastics	12	141	57	813,987	469	25	1,752,351
24	Soaps, washing compounds and cleaning preparations	68	842	467	5,339,384	1,430	328	6,371,976
25	Toilet preparations	54	164	283	1,556,067	279	554	1,562,442
26	Vegetable oils	4	67	19	435,722	239	—	881,650
	Other chemical industries:							
27	Adhesives	14	80	51	546,500	260	27	856,134
28	Coal tar distillation	5	65	13	368,253	249	2	896,602
29	Gases, compressed	14	156	130	981,223	287	—	978,392
30	Inks	19	176	87	1,161,973	536	31	1,617,626
31	Polishes and dressings	30	136	152	1,088,376	171	123	750,160
32	Miscellaneous chemical products, n.e.s.	131	1,163	547	6,954,060	2,760	246	10,331,242
33	Totals, chemicals and allied products	550	5,725	3,277	36,096,353	12,998	2,725	50,662,953
17. Miscellaneous industries:								
34	Brooms, brushes and mops	40	139	120	916,636	558	297	1,866,563
35	Clocks, watches and watch cases	14	106	85	856,947	307	409	1,936,325
36	Fountain pens and pencils	9	114	101	753,556	162	292	1,429,950
37	Musical instruments	18	72	82	353,615	435	144	1,577,351
38	Plastics products	87	338	195	2,025,902	1,089	1,043	4,801,293
39	Scientific and professional equipment	78	1,116	561	6,060,850	2,132	997	9,745,289
40	Sporting goods	46		193	1,119,633	514	449	2,141,083
41	Toys and games	36	83	55	629,551	267	575	1,582,697
42	Typewriter supplies	7	62	39	454,912	161	84	597,836
	Other miscellaneous industries:							
43	Artificial flowers and feathers	13	18	10	76,651	47	60	180,751
44	Buttons, buckles and fasteners	13	118	109	885,069	324	333	1,760,835
45	Hair goods	6	9	8	71,034	39	10	123,514
46	Ice, artificial	39	75	28	302,498	308	—	836,258
47	Lamps, electric and lamp shades	28	59	53	371,215	281	257	1,024,524
48	Models and patterns, excluding paper	41	62	6	253,522	158	2	536,702
49	Pipes, lighters and smokers' supplies	5	23	23	173,379	55	55	270,190
50	Signs, electric, Neon and other	100	212	74	1,068,080	855	90	2,477,097
51	Stamps and stencils, rubber and metal	30	71	58	491,234	386	186	1,496,863
52	Statuary, art goods and novelties	48	68	28	340,027	188	165	737,668
53	Umbrellas	3	6	4	44,776	11	46	100,133
54	Candles	1	102	80	732,113	306	205	1,144,213
55	Miscellaneous industries n.e.s.	25						
56	Totals, miscellaneous industries	687	3,046	1,823	17,981,200	8,583	5,699	36,367,142
57	Grand totals, all industries	13,178	98,559	43,279	571,549,485	365,635	91,441	1,383,217,903

1. See footnote 1, Table 5, page 8.

2. See footnote 2, Table 5, page 9.

TABLE 6. Principal Statistics of the Individual Industries, 1954 - Concluded

Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	\$	\$	\$	\$	\$	
2,273	8,646,838	2,827,637	13,212,851	16,869,593	32,574,603	1
558	1,956,696	182,684	3,179,765	6,087,949	9,387,565	2
684	2,641,162	3,704,826	2,580,419	13,363,679	19,648,924	3
1,970	6,565,983	2,756,894	353,314	14,120,023	17,230,231	4
1,126	3,636,368	495,251	2,609,672	6,142,081	9,277,718	5
3,754	11,904,322	1,556,925	26,527,395	29,219,044	56,762,221	6
4,319	14,539,688	2,436,711	15,967,270	23,812,876	41,876,657	7
379	1,309,002	1,821,217	500,042	5,734,235	8,055,494	8
389	1,403,100	451,208	954,032	3,748,311	5,153,551	9
108	367,100	52,264	391,621	1,106,219	1,541,484	10
1,525	5,233,606	651,967	5,985,611	12,184,785	18,744,250	11
1,159	3,829,505	662,851	6,736,357	7,797,597	15,001,321	12
18,244	62,033,368	17,600,435	78,998,349	140,186,392	235,254,019	14
2,657	9,436,679	2,546,294	35,081,455	29,899,656	67,527,405	15
5,209	22,113,345	10,775,778	167,497,368	97,876,363	275,999,765	16
209	670,098	85,437	1,880,878	2,481,404	4,484,972	17
8,075	32,220,122	13,407,509	204,459,701	130,257,423	348,012,142	18
4,507	17,505,366	7,758,764	25,091,181	44,492,971	77,333,737	19
949	3,223,786	799,100	16,808,135	10,249,134	27,367,450	20
3,599	11,009,755	319,266	15,242,872	33,874,563	48,653,483	21
2,858	9,776,278	478,292	30,584,270	25,732,597	57,031,604	22
692	2,566,338	405,801	13,872,557	7,927,550	22,336,478	23
3,067	11,711,360	1,103,552	36,963,630	45,692,688	82,950,239	24
1,280	3,118,509	73,617	7,826,940	11,953,539	19,594,446	25
325	1,317,372	442,647	32,567,288	5,990,340	38,144,757	26
418	1,402,634	309,785	3,306,955	3,322,982	7,090,433	27
329	1,264,855	465,416	4,572,227	3,302,431	8,308,536	28
573	1,955,616	214,990	961,386	4,670,814	5,841,623	29
830	2,779,599	96,547	4,450,769	7,185,242	11,642,127	30
582	1,838,536	69,258	5,460,814	7,767,766	13,236,442	31
4,716	17,285,302	6,747,475	41,870,277	45,731,760	94,101,583	32
24,725	86,759,306	19,284,510	239,579,301	257,894,377	513,632,938	33
1,114	2,783,199	68,415	4,225,658	5,186,914	9,241,411	34
907	2,793,272	38,885	4,584,715	5,072,426	9,697,235	35
669	2,183,506	55,389	2,318,200	4,252,756	6,478,438	36
733	1,930,966	100,882	2,209,724	3,873,262	6,224,915	37
2,665	6,827,195	328,275	10,990,793	11,951,175	23,156,620	38
4,806	15,806,139	409,867	16,030,581	28,708,568	43,486,866	39
1,260	3,260,716	111,157	4,036,551	5,656,598	9,686,685	40
980	2,212,248	65,218	4,320,057	3,724,428	8,128,836	41
346	1,052,748	30,580	1,982,766	2,190,268	4,218,821	42
135	257,408	6,740	184,439	453,684	624,672	43
884	2,645,904	70,506	2,142,682	3,807,030	6,035,274	44
66	194,548	5,506	639,638	307,223	945,264	45
411	1,138,753	283,044	67,389	2,003,032	2,363,444	46
650	1,395,739	63,527	2,179,508	2,493,882	4,752,684	47
228	790,224	20,539	203,515	1,033,208	1,257,095	48
156	443,569	12,279	710,897	1,021,205	1,572,804	49
1,231	3,545,177	199,861	3,523,197	5,139,443	8,873,943	50
701	1,988,099	43,397	1,052,524	2,624,915	3,726,245	51
449	1,077,695	34,199	866,985	1,682,323	2,554,347	52
67	144,911	500	270,589	297,903	569,764	53
693	1,876,326	60,387	2,007,491	3,587,335	5,971,924	54
19,151	54,348,342	2,009,153	64,547,899	95,067,578	159,567,287	56
598,914	1,954,767,388	186,767,220	4,412,536,948	3,930,730,030	8,533,167,214	57

1. See footnote 1, Table 5, page 8.
 2. See footnote 2, Table 5, page 9.

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