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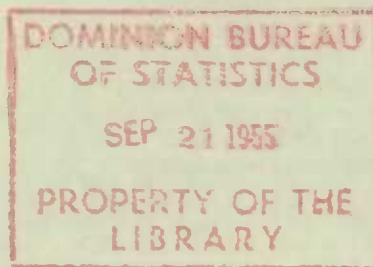


THE MANUFACTURING INDUSTRIES OF CANADA

Section A

SUMMARY FOR CANADA

1953



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Central Assembly and Index Section

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—Textiles
 - VIII—Wood and Paper Products
 - IX—Printing Trades
 - X—Iron and Steel Products
 - XI—Transportation Equipment
 - XII—Non-ferrous Metal Products
 - XIII—Electrical Apparatus and Supplies
 - XIV—Non-metallic Mineral Products
 - XV—Products of Petroleum and Coal
 - XVI—Chemicals and Allied Products
 - XVII—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 A

SUMMARY FOR CANADA

1953

The manufacturing industries of Canada in 1953 again established new records in both the value of products made and the value of products shipped. Shipments at \$17,785,416,854 were 4.7 p.c. higher, while products made valued at approximately \$17,894,600,000 increased by 5.4 p.c. over 1952. The greater increase in production was due to an accumulation of finished products inventory by manufacturers which rose from \$987,516,000 at the end of 1952 to \$1,096,699,000 in 1953, an increase of \$109,183,000. There was also an increase of 6.8 p.c. in the physical volume of production. However, due to a drop in the price of fully and partly manufactured products, the increase in the value of production was only 5.4 p.c. Accompanying the rise in output was an increase of 3.0 p.c. in the number of persons employed, with an increase of 8.8 p.c. in the salaries and wages paid. Salary and wage payments at \$3,957,018,348 were the highest on record and exceeded the previous high reported in 1952 by \$319,398,188.

The industrial expansion of Canada since Confederation has been phenomenal. In the past generation alone, Canada has changed from a country producing and exporting mainly primary products to a country that is increasingly producing and exporting manufactured products, until to-day manufactures account for about 30 p.c. of the value of all goods and services produced, and also rank as the leading employer of labour in Canada.

Canada is no longer on the fringes of industrialization but ranks among the world's most important manufacturing countries. Basic historical developments, such as the opening of the West and the magnitude of requirements of all kinds for World Wars I and II, have been followed by recent discoveries of far-reaching significance. Such events as the discovery of a major oil pool on the prairies in 1947, the discovery of large-scale deposits of iron and the successful search for uranium have given new dimensions to Canadian thinking and business planning. These are the factors that explain the records of capital expenditures year by year since the end of the War. Yet it is not the mere rate of expansion that is significant. There have been other periods when Canada's population has grown more rapidly and in many respects the rate of industrial expansion in the late 1920's was relatively as great as in the post-war years. The real significance of the latter period is that never before has there been an advance on such a broad industrial front.

The second point to be observed is the changing emphasis of Canadian manufacturing activity. By 1949 the period of post-war conversion was passed and Canada had entered a new phase of economic expansion which derived its dynamic from the discovery of new resources and the application of new processes. This meant that even the sharp recession in the United States in the year 1949 failed to have significant effects in Canada. The influence of Korea and the consequent rearmament program gave an added impetus to the expansion of Canadian industry and to the development of Canadian basic resources. Capital expenditures that contributed most to the defence of Canada were given priority. Additional capacity was created to meet requirements of the specialized defence program—aircraft, electronic equipment, ships and guns—many items of which had never before been produced in Canada. Measures such as steel control, credit regulations and deferred depreciation had the desired effect. A shift gradually took place toward the further expansion of basic industrial capacity and away from investment in consumer goods and services.

The stability of current levels of manufacturing is indicated by the fact that such activity is the result of business assessments of resources and market potentialities. Millions of dollars are being invested in oil because the prairies can produce oil as economically as other great fields on the North American Continent. Petro-chemical plants are being erected because the raw materials are readily at hand. Kitimat is based on the coincidence of abundant and cheap hydro-power and access to ocean transportation, both of which are essential to the low-cost production of aluminum. The exploitation of the Ungava iron deposits rests on the belief that the steel industry of the North American Continent will need the high-grade ores involved in order to meet continuing peace-time demands. No country is in a more favourable position than Canada to supply uranium for the production of atomic energy.

Of strategic importance, and probably of even greater long-term significance to the Canadian economy, has been the growing world-wide shortage of raw materials; a shortage born of rising levels of employment and income, and accentuated by the course of international events, especially since 1950. These demands have shown few signs of abating and they have led to substantial increases in Canadian primary manufacturing capacity, partic-

ularly in so far as the light metals, nickel, chemical fertilizers and the cheaper grades of paper are concerned.

In recent years the demands stemming from population growth and a rising standard of living have been noticeable at all levels. In food processing, a steady up-grading in the quality of foods sold on the domestic market has been even more important than population growth. The two together have more than doubled the dollar sales of processed foods in this country since 1945. And at the intermediate level other important changes have taken place. Many of Canada's new chemical plants, for example, have been built with the domestic consumer market in mind. Frequently using petroleum or natural gas as a source of raw material, they have gone a long way towards making Canada independent of imports in such categories as vanillin, nylon and rayon intermediates, and plastics for packaging and similar uses.

As mentioned previously the physical volume of production advanced 6.8 p.c. in 1953, with the durable goods industries reporting an increase of 9.8 p.c. and non-durable goods 4.1 p.c. The electrical apparatus and supplies group with 23.8 p.c. experienced the greatest expansion in the volume of production, due mostly to the large-scale production of television sets. Next in order with 15.3 p.c. came non-metallic mineral products and the miscellaneous industries groups, followed by transportation equipment with 16.9 p.c.; tobacco and tobacco products 11.3 p.c.; products of petroleum and coal and wood products, each with 9.9 p.c.; clothing (textile and fur) 8.4 p.c.; rubber products 7.2 p.c.; leather products 6.8 p.c.; printing, publishing and allied industries 6.4 p.c.; non-ferrous metal products 4.8 p.c.; chemicals and allied products 4.4 p.c.; beverages 4.0 p.c.; paper products 3.9 p.c.; and textiles (except clothing) 1.9 p.c. There were only two major groups that reported

minor declines in volume. The food group declined by 0.8 p.c. and the iron and steel products group by 0.6 p.c.

Manufacturing establishments reporting in 1953 numbered 38,107. Of these 939 were located in Newfoundland, 216 in Prince Edward Island, 1,591 in Nova Scotia, 1,094 in New Brunswick, 12,132 in Quebec, 13,114 in Ontario, 1,540 in Manitoba, 1,062 in Saskatchewan, 2,072 in Alberta, 4,317 in British Columbia, and 30 in the Yukon and Northwest Territories. These plants furnished employment to 1,327,451 persons who received \$3,957,018,348 in salaries and wages. They also shipped goods with a selling value at the factory of \$17,785,416,854 and spent \$9,380,558,682 for materials, while the value added by manufacture totalled \$7,993,069,351. The value added is obtained by subtracting the cost of materials, including fuel and electricity, from the value of the products. The difference represents the value added to the materials by labour. It is this difference which the employer of labour uses to pay for the labour itself, the overhead expenses, interest and profits. Compared with the previous year there was an increase of \$549,536,152 in the value added by manufacture.

To calculate the value of production, it is necessary to adjust the value of shipments for the difference between the opening and closing inventories of finished goods. As the census of industry schedules for 1952 and 1953 did not contain data on opening and closing inventories, no calculation can be made directly for value of production. For these two years, therefore, the value added by manufacture is obtained by subtracting from the shipments the cost of materials, including fuel and electricity. The value added thus obtained is somewhat different to the actual value. For example, the actual value added by manufacture in 1953 for manufacturing as a whole, would be about \$109,183,000 higher than the figures given in Table I of this report.

Percentage variation of manufacturing in Canada, by Provinces and Groups, 1953 compared with 1952

Province and group	1953 compared with 1952		
	Number of employees	Earnings	Selling value of factory shipments
Canada	+ 3.0	+ 8.8	+ 4.7
Newfoundland	+ 2.6	+ 5.4	+ 1.0
Prince Edward Island	+ 0.8	+ 10.3	+ 5.2
Nova Scotia	- 4.0	+ 1.5	- 2.1
New Brunswick	+ 0.9	+ 6.7	+ 0.7
Quebec	+ 2.8	+ 8.8	+ 4.1
Ontario	+ 4.1	+ 9.4	+ 6.0
Manitoba	+ 0.9	+ 8.0	+ 1.9
Saskatchewan	+ 2.6	+ 9.9	+ 3.0
Alberta	+ 4.1	+ 12.2	+ 7.2
British Columbia	+ 1.3	+ 6.1	+ 2.6
Yukon and Northwest Territories	+ 7.9	+ 7.5	+ 10.0
 All groups	+ 3.0	+ 8.8	+ 4.7
Foods and beverages	+ 0.6	+ 6.0	+ 0.6
Tobacco and tobacco products	+ 2.3	+ 5.4	- 0.8
Rubber products	+ 4.7	+ 8.4	+ 1.4
Leather products	+ 3.0	+ 7.3	+ 1.5
Textiles	+ 0.6	+ 3.3	- 5.8
Knitting mills	+ 5.1	+ 7.1	- 1.2
Clothing	+ 1.3	+ 5.4	+ 1.0
Wood products	+ 2.9	+ 8.7	+ 6.4
Paper products	+ 1.8	+ 6.0	+ 3.8
Printing, publishing and allied industries	+ 3.2	+ 10.4	+ 10.8
Iron and steel products	- 0.5	+ 4.3	- 1.7
Transportation equipment	+ 6.6	+ 17.4	+ 15.9
Non-ferrous metal products	+ 2.2	+ 7.0	+ 2.2
Electrical apparatus and supplies	+ 11.1	+ 15.2	+ 18.5
Non-metallic mineral products	+ 9.3	+ 15.5	+ 16.8
Products of petroleum and coal	+ 1.2	+ 4.7	+ 5.5
Chemicals and allied products	+ 5.3	+ 11.2	+ 10.7
Miscellaneous industries	+ 8.0	+ 15.9	+ 15.8

TABLE 1. Summary Statistics of the Manufacturing Industries, Canada, 1917-1953

Year	Estab- lish- ments	Capital	Employees	Earnings	Cost at plant of materials used	Value added by manufacture ²	Gross value of products ³
		No.	\$	No.	\$	\$	\$
1917	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
1923	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925	20,981	3,065,730,916	522,924 ¹	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926	21,301	3,208,071,197	559,161 ¹	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927	21,501	3,454,825,529	595,052 ¹	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928	21,973	3,804,062,566	631,429 ¹	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929	22,216	4,004,892,009	666,531 ¹	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930	22,618	4,041,030,475	614,696 ¹	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944	28,483	Not collected	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945	29,050	"	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946	31,249	"	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947	32,734	"	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948	33,420	"	1,155,721	2,409,368,190	6,632,881,628	4,938,786,981	11,875,169,685
1949 ³	35,792	"	1,171,207	2,591,890,657	6,843,231,064	5,330,566,434	12,479,593,300
1950 ³	35,942	"	1,183,297	2,771,267,435	7,538,534,532	5,942,058,229	13,817,526,381
1951 ⁴	37,021	"	1,258,375	3,276,280,917	9,074,526,353	6,940,946,783	16,392,187,132
1952 ⁴	37,929	"	1,288,382	3,637,620,160	9,146,172,494	7,443,533,199	16,982,687,035
1953 ⁴	38,107	"	1,327,451	3,957,018,348	9,380,558,682	7,993,089,351	17,785,416,854

1. A change in the method of computing the number of wage-earners in the years 1925 to 1930 increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

2. In accordance with a resolution passed by the Conference of British Commonwealth Statisticians, 1935, the value added by manufacture is now computed by subtracting the cost of fuel and electricity as well as the cost of materials from the gross value of the products³. The figures for 1924 and later years have, therefore, been revised in accordance with this resolution. The revision could not be carried farther back as statistics for the cost of electricity are not available for years prior to 1924.

3. Includes Newfoundland with the exception of fish processing.

4. Fish processing in Newfoundland included.

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

TABLE 2. Principal Statistics Compared, Canada, 1952 and 1953

Principal statistics	1952	1953	+ Increase - Decrease
Establishments	No.	37,929	38,107
			+
		178	
Supervisory and office employees:			
Male.....	No.	188,235	195,843
	"	74,792	78,382
Earnings	\$	923,905,251	1,016,679,409
Average.....	"	3,513	3,707
			+
		194	
Production workers:			
Male.....	No.	810,060	828,363
Female	"	215,295	224,863
Earnings	\$	2,713,714,909	2,940,338,939
Average.....	"	2,647	2,792
			+
		145	
Cost at plant of materials used.....	"	9,146,172,494	9,380,558,682
Average per establishment.....	"	241,139	246,151
			+
		5,012	
Cost of fuel and electricity	"	392,981,342	411,788,821
Value added by manufacture ¹	"	7,443,533,199	7,993,069,351
Average per establishment.....	"	196,249	209,742
			+
		13,493	
Selling value of factory shipments	"	16,982,687,035	17,785,416,854
Average per establishment.....	"	447,749	466,698
			+
		18,949	

1. Selling value of factory shipments less cost of materials, fuel and electricity used.

TABLE 3. Principal Statistics of the Forty Leading Industries, ranked according to the Value of Factory Shipments, 1953

No.	Industries	Establishments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
		No.	No.	\$	\$	\$	\$
1	Pulp and paper	127	58,194	235,741,660	499,350,994	599,934,934	1,179,665,443
2	Non ferrous metal smelting and refining	18	25,115	94,545,611	508,116,759	310,207,228	870,918,142
3	Motor vehicles	20	32,973	131,316,134	557,709,086	273,598,093	835,554,549
4	Slaughtering and meat packing	152	22,887	74,431,943	672,763,955	152,022,908	829,468,022
5	Petroleum products	55	11,858	48,574,772	507,214,040	159,603,271	694,988,605
6	Sawmills	8,194	60,933	142,131,003	304,584,643	269,066,309	580,693,704
7	Primary iron and steel	62	34,956	129,709,556	212,374,287	216,957,645	458,904,255
8	Aircraft and parts	43	38,048	142,375,699	135,756,989	260,548,393	398,744,272
9	Butter and cheese	1,527	20,697	52,507,579	293,915,639	95,787,291	396,955,715
10	Railway rolling stock	36	35,447	118,026,350	179,892,257	153,677,779	338,321,229
11	Motor vehicle parts	179	23,335	81,186,799	162,324,012	141,251,977	307,676,670
12	Rubber goods, including footwear	72	22,600	70,994,643	114,336,694	172,674,055	290,735,459
13	Miscellaneous food preparations ..	322	9,757	26,028,134	200,378,736	80,864,996	284,366,431
14	Bread and other bakery products ..	2,571	33,540	80,902,687	129,224,657	139,987,817	277,998,092
15	Clothing, men's, factory	601	35,119	74,709,888	147,283,980	125,833,604	273,946,025
16	Flour mills	95	4,962	14,946,310	224,518,387	40,262,095	266,430,548
17	Miscellaneous electrical apparatus and supplies	151	22,671	74,576,087	109,321,170	141,809,125	253,731,281
18	Machinery, heavy, electrical	55	25,454	88,359,663	87,704,273	154,594,631	244,273,012
19	Printing and publishing	795	28,499	93,821,611	66,814,175	174,943,176	243,892,279
20	Furniture	1,640	29,768	75,836,177	107,747,252	121,482,928	231,557,354
21	Machinery, industrial	312	22,163	75,295,453	78,394,744	145,229,561	225,962,481
22	Sheet metal products	316	18,275	58,831,831	119,186,160	103,826,528	225,423,031
23	Clothing, women's, factory	830	28,277	61,838,049	116,186,888	103,679,336	220,410,178
24	Cotton yarn and cloth	54	23,178	55,036,540	132,917,545	73,326,204	210,220,958
25	Fruit and vegetable preparations ..	454	15,385	32,838,899	119,911,000	82,491,454	205,119,469
26	Sash, door and planing mills	1,775	20,241	48,119,296	120,988,715	77,217,333	200,929,152
27	Breweries	61	8,383	31,737,897	51,482,008	146,805,908	200,885,656
28	Radios, television sets and parts	103	17,213	51,234,692	112,634,139	86,791,493	200,129,328
29	Boxes and bags, paper	192	14,042	38,752,738	115,598,568	81,755,394	198,540,167
30	Shipbuilding	79	22,571	72,732,056	65,821,268	115,523,663	183,215,310
31	Miscellaneous chemical products ..	251	12,527	39,524,954	88,124,634	80,180,174	176,489,989
32	Printing and bookbinding	1,696	23,846	68,382,615	62,093,666	112,606,355	176,176,468
33	Agricultural implements	80	14,161	50,302,007	90,344,539	79,100,472	171,269,525
34	Brass and copper products	153	9,301	31,539,770	108,715,110	59,866,300	170,691,735
35	Feeds, stock and poultry, prepared	654	5,760	13,861,889	137,828,019	30,291,490	170,433,683
36	Castings, iron	201	15,346	52,985,576	69,150,209	85,034,389	157,465,126
37	Bridge building and structural steel	47	11,243	42,534,324	64,196,383	90,785,457	156,327,770
38	Tobacco, cigars and cigarettes	42	7,711	23,376,081	79,261,880	67,702,851	147,388,329
39	Miscellaneous paper goods	210	9,723	27,809,907	82,195,084	63,773,278	147,270,934
40	Synthetic textiles and silk	47	15,723	43,939,105	63,938,444	78,585,277	146,418,307
Totals, leading industries		24,272	891,882	2,771,395,985	7,100,300,988	5,549,681,172	12,949,588,683
Totals, all industries		38,107	1,327,431	3,937,018,348	9,380,558,682	7,993,069,351	17,785,416,854
Percentage of leading industries to all industries		63.7	67.2	70.2	75.7	69.4	72.8

TABLE 4. Principal Statistics by Provinces, 1952 and 1953

No.	Provinces	Estab- lish- ments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	\$	No.	No.	\$
1952								
1	Newfoundland.....	948	1,985	340	5,452,693	6,976	1,002	19,781,158
2	Prince Edward Island.....	224	343	84	814,983	974	394	1,990,639
3	Nova Scotia	1,533	3,755	1,101	12,884,551	24,768	3,747	62,360,836
4	New Brunswick	1,077	2,756	921	10,699,990	17,097	3,477	45,278,472
5	Quebec	12,024	60,365	23,019	290,383,844	253,334	92,980	835,560,859
6	Ontario	13,172	91,717	40,644	488,513,049	384,448	92,887	1,355,673,356
7	Manitoba.....	1,531	5,818	2,202	25,815,971	27,387	7,958	86,331,601
8	Saskatchewan.....	1,022	2,285	844	8,152,103	7,163	1,015	21,337,759
9	Alberta	2,150	5,275	1,609	19,880,392	21,487	3,394	62,646,802
10	British Columbia.....	4,225	13,903	4,020	61,191,597	66,315	8,429	222,339,379
11	Yukon and Northwest Territories	23	33	8	116,078	111	12	414,048
12	Canada	37,929	188,235	74,792	923,905,231	810,060	215,295	2,713,714,909
1953								
13	Newfoundland.....	939	2,037	354	5,744,865	7,350	834	20,860,043
14	Prince Edward Island.....	216	347	94	885,775	980	388	2,210,070
15	Nova Scotia	1,591	3,840	1,081	13,654,549	23,598	3,521	62,736,206
16	New Brunswick	1,094	2,746	928	11,373,306	17,472	3,325	48,379,739
17	Quebec	12,132	62,263	24,080	316,850,671	260,169	95,043	908,722,643
18	Ontario	13,114	96,231	42,854	541,339,538	395,157	100,312	1,476,642,680
19	Manitoba.....	1,540	6,004	2,213	28,095,419	27,449	8,074	93,030,880
20	Saskatchewan.....	1,062	2,352	814	8,893,485	7,442	996	23,502,033
21	Alberta	2,072	5,603	1,816	22,861,122	22,177	3,486	69,744,031
22	British Columbia.....	4,317	14,375	4,138	66,817,112	66,463	8,868	234,104,206
23	Yukon and Northwest Territories	30	45	10	163,587	108	16	406,428
24	Canada	38,107	195,343	78,382	1,016,679,409	828,363	224,863	2,940,338,939

TABLE 4. Principal Statistics by Provinces, 1952 and 1953

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.
\$	\$	\$	\$	\$	\$	
10,303	25,233,851	3,873,050	45,477,620	56,109,014	105,459,684	1
1,795	2,805,622	326,175	15,786,399	5,957,097	22,069,671	2
33,371	75,245,387	12,983,381	183,141,366	130,715,000	326,839,747	3
24,251	55,978,462	11,161,437	164,760,874	117,837,471	293,759,782	4
429,698	1,125,944,703	141,973,433	2,745,618,113	2,288,633,279	5,176,234,825	5
609,696	1,844,186,405	173,635,647	4,387,431,403	3,811,116,576	8,372,173,626	6
43,365	112,147,572	9,558,256	347,664,650	216,814,306	574,037,212	7
11,307	29,489,862	5,609,500	172,388,119	80,934,157	258,931,776	8
31,765	82,527,194	8,372,657	331,817,141	178,221,013	518,410,811	9
92,667	283,530,976	25,298,302	751,011,248	556,172,312	1,332,481,862	10
164	530,126	189,504	1,075,561	1,022,974	2,288,039	11
1,288,382	3,637,620,160	392,981,342	9,146,172,494	7,443,533,199	16,982,687,035	12
10,575	26,604,908	3,767,885	44,972,021	57,784,697	106,524,603	13
1,809	3,095,845	356,411	16,963,798	5,878,761	23,198,970	14
32,040	76,390,755	11,551,564	180,543,535	127,917,165	320,012,264	15
24,471	59,753,045	11,335,363	163,797,711	120,617,345	295,750,419	16
441,555	1,225,573,314	145,764,252	2,816,373,112	2,424,647,499	5,386,784,863	17
634,554	2,017,982,218	186,243,966	4,560,134,562	4,130,126,462	8,876,504,990	18
43,740	121,126,279	9,671,905	345,403,115	229,797,439	584,872,459	19
11,604	32,395,518	6,367,812	180,303,942	79,941,332	266,613,086	20
33,082	92,605,153	9,933,237	346,221,162	199,660,428	555,814,827	21
93,844	300,921,318	26,641,721	724,495,754	615,686,215	1,366,823,690	22
177	569,995	154,705	1,349,970	1,012,008	2,516,683	23
1,327,451	3,957,018,348	411,788,821	9,380,558,682	7,993,069,351	17,785,416,854	24

TABLE 5. Principal Statistics by Industrial Groups, 1952 and 1953

No.	Industrial groups	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
	No.	No.	No.	\$	No.	No.	\$	
1952								
1	Foods and beverages.....	8,263	24,663	10,216	108,239,778	104,881	35,792	321,410,277
2	Tobacco and tobacco products.....	61	907	508	5,549,328	3,111	4,751	19,855,744
3	Rubber products.....	70	3,884	1,438	19,007,855	12,357	3,903	46,469,828
4	Leather products.....	701	2,998	1,310	14,631,149	15,843	11,952	51,522,341
5	Textiles.....	918	7,657	3,851	42,574,356	38,613	22,618	136,115,110
6	Knitting mills ¹	288	1,554	1,286	10,216,204	7,028	13,366	38,746,605
7	Clothing ¹	2,753	8,078	4,728	45,485,515	24,232	57,398	146,091,348
8	Wood products.....	12,467	21,156	3,175	57,563,254	100,973	5,164	241,867,727
9	Paper products.....	543	10,561	4,075	67,584,381	60,238	8,091	225,097,902
10	Printing, publishing and allied industries.....	4,124	15,219	9,372	73,846,566	31,312	8,582	112,404,149
11	Iron and steel products.....	2,625	27,693	9,639	144,825,158	144,788	7,071	472,185,766
12	Transportation equipment.....	617	18,863	5,906	96,831,129	117,358	4,233	376,287,321
13	Non-ferrous metal products.....	552	7,534	2,674	39,508,846	37,463	3,267	127,536,238
14	Electrical apparatus and supplies.....	401	13,823	5,696	72,039,772	36,896	12,785	145,525,164
15	Non-metallic mineral products.....	1,057	3,871	1,380	18,437,688	24,211	1,960	74,381,231
16	Products of petroleum and coal.....	101	4,222	1,403	23,018,760	11,197	83	40,554,413
17	Chemicals and allied products.....	1,075	10,842	5,709	60,021,601	25,508	5,635	88,054,074
18	Miscellaneous industries.....	1,313	4,712	2,426	24,523,911	14,051	8,644	49,609,671
19	Canada.....	37,929	188,235	74,792	923,905,251	810,060	215,295	2,713,714,909
1953								
20	Foods and beverages.....	8,129	24,731	10,245	116,307,583	105,392	36,281	338,972,969
21	Tobacco and tobacco products.....	55	823	461	5,586,881	3,132	5,078	21,178,762
22	Rubber products.....	72	4,009	1,555	20,205,742	12,945	4,091	50,788,901
23	Leather products.....	695	2,964	1,284	15,388,480	16,233	12,587	55,577,035
24	Textiles.....	959	7,651	3,877	44,122,495	38,850	22,812	140,482,121
25	Knitting mills ¹	294	1,587	1,308	10,597,008	7,275	14,243	41,823,673
26	Clothing ¹	2,788	7,971	4,795	46,941,304	24,283	58,609	155,063,975
27	Wood products.....	12,462	21,869	3,366	63,934,655	103,601	5,474	261,684,597
28	Paper products.....	555	10,544	4,131	70,561,329	61,480	8,281	239,546,378
29	Printing, publishing and allied industries.....	4,157	15,923	9,883	81,078,194	32,001	8,723	124,548,360
30	Iron and steel products.....	2,698	28,994	10,266	156,761,826	141,501	7,475	486,712,301
31	Transportation equipment.....	621	20,313	6,421	114,984,963	125,112	4,213	440,426,189
32	Non-ferrous metal products.....	551	7,725	2,699	42,294,010	38,342	3,292	136,416,047
33	Electrical apparatus and supplies.....	422	15,654	6,401	86,573,525	38,785	16,016	164,073,252
34	Non-metallic mineral products.....	1,094	4,474	1,626	22,791,238	26,056	2,196	84,483,836
35	Products of petroleum and coal.....	100	4,191	1,460	23,828,348	11,390	71	42,737,088
36	Chemicals and allied products.....	1,105	11,468	6,029	66,622,583	26,775	5,935	97,968,227
37	Miscellaneous industries.....	1,350	4,952	2,575	28,099,287	15,210	9,486	57,855,228
38	Canada.....	38,107	195,843	78,382	1,016,679,499	828,363	224,863	2,940,338,939

1. Commencing with 1953 Knitting mills are classified separately from Clothing (textile and fur). 1952 figures have been revised on the same basis.

TABLE 5. Principal Statistics by Industrial Groups, 1952 and 1953

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.	\$	\$	\$	\$	\$	
175,552	429,650,055	47,483,738	2,333,089,054	1,091,944,158	3,472,516,950	1
9,277	25,405,072	599,590	144,537,670	70,777,110	215,914,370	2
21,582	65,477,683	3,362,274	120,799,295	162,493,060	286,654,629	3
32,103	66,153,490	1,975,275	115,714,505	101,511,149	219,200,929	4
72,739	178,689,466	12,991,693	418,522,518	312,627,434	744,141,645	5
23,234	48,962,809	1,828,038	80,373,570	80,619,241	162,820,849	6
94,434	191,576,863	2,275,234	363,583,026	324,472,097	690,330,357	7
130,468	299,430,981	14,494,708	618,979,510	534,155,313	1,167,629,531	8
82,965	292,682,283	79,741,248	694,190,401	736,217,142	1,510,148,791	9
64,485	186,250,715	3,878,891	160,393,787	326,662,173	490,934,851	10
189,191	617,010,924	52,995,530	947,993,190	1,134,043,024	2,135,031,744	11
146,360	473,118,450	15,881,649	1,009,470,570	778,347,604	1,803,699,823	12
50,938	167,045,084	55,601,564	744,596,427	414,920,456	1,215,118,447	13
69,200	217,564,936	6,226,367	313,713,170	395,933,805	715,873,342	14
31,422	92,818,919	31,141,203	115,217,568	203,692,859	350,051,630	15
16,905	63,573,173	34,981,057	519,629,241	225,825,749	780,436,047	16
47,694	148,075,675	24,655,882	357,818,760	414,087,592	796,562,234	17
29,833	74,133,582	2,867,401	87,550,232	135,203,233	225,620,866	18
1,288,382	3,637,620,160	392,981,342	9,146,172,494	7,443,533,199	16,982,687,035	19
176,649	455,280,552	48,748,054	2,296,739,737	1,146,473,720	3,491,961,511	20
9,494	26,765,643	639,225	138,491,048	75,015,218	214,145,491	21
22,600	70,994,643	3,724,710	114,336,694	172,674,055	290,735,459	22
33,068	70,965,495	2,056,741	116,416,179	103,937,262	222,410,182	23
73,190	184,604,616	13,134,397	388,324,584	299,231,284	700,690,265	24
24,413	52,420,681	1,823,745	77,704,172	81,264,425	160,792,342	25
95,658	20,200,279	2,391,392	361,558,482	333,238,797	697,188,671	26
134,310	325,619,252	14,901,830	649,731,056	577,381,926	1,242,014,812	27
84,436	310,107,707	83,516,895	717,460,043	767,273,583	1,568,250,521	28
66,530	205,626,554	4,166,360	175,222,037	364,363,975	543,752,372	29
188,236	643,474,127	51,454,291	906,165,239	1,140,931,549	2,098,551,079	30
156,059	555,411,152	17,778,897	1,110,953,581	961,205,155	2,089,937,633	31
52,058	178,710,057	57,702,408	726,128,115	458,180,471	1,242,010,994	32
76,856	250,646,777	6,956,744	383,743,994	457,489,516	848,190,254	33
34,352	107,275,074	34,974,491	134,118,848	239,815,853	408,909,192	34
17,112	66,565,434	35,225,746	576,310,641	211,552,953	823,089,340	35
50,207	164,590,810	29,540,938	403,686,331	448,276,576	881,503,845	36
32,223	85,954,495	3,051,957	103,467,901	154,763,033	261,282,891	37
1,327,451	3,957,018,348	411,788,821	9,380,558,682	7,993,069,351	17,785,416,854	38

TABLE 6. Principal Statistics of the Individual Industries, 1953

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
			No.	No.	\$	No.	No.	\$
	<i>1. Foods and beverages:</i>							
	Bakery products:							
1	Biscuits	47	453	323	2,610,466	2,516	3,489	11,661,289
2	Bread and other bakery products.....	2,571	3,660	1,195	13,992,400	21,827	6,858	66,910,287
	Beverages:							
3	Breweries	61	1,365	389	8,468,636	6,554	75	23,269,261
4	Carbonated beverages.....	526	1,759	574	7,816,854	5,152	353	12,668,698
5	Distilled liquors	21	695	323	4,253,307	2,530	1,562	11,179,432
6	Wines.....	24	120	50	830,552	302	52	978,288
	Canning and processing:							
7	Fish processing.....	607	1,307	352	4,964,437	8,441	3,523	18,205,192
8	Fruit and vegetable preparations	454	1,730	934	8,889,052	6,534	6,187	23,949,847
	Dairy products:							
9	Butter and cheese	1,527	3,436	1,720	12,768,857	14,643	898	39,738,722
10	Cheese, process	20	217	80	1,125,261	471	402	1,938,696
11	Concentrated milk products	31	222	107	1,032,313	1,226	67	3,433,853
12	Dairy products, other	44	148	76	676,451	466	152	1,463,762
	Grain mill products:							
13	Feeds, stock and poultry, prepared....	654	1,223	430	4,403,558	3,938	169	9,458,331
14	Feed mills	643	624	58	969,355	790	1	1,367,027
15	Flour mills	95	895	435	4,753,812	3,474	158	10,192,498
16	Foods, breakfast	18	150	93	948,227	701	385	3,057,412
	Meat products:							
17	Animal oils and fats	15	46	13	280,811	239	2	678,662
18	Sausage and sausage casings	84	225	66	1,070,445	734	342	2,259,946
19	Slaughtering and meat packing	152	3,618	1,261	19,637,310	14,792	3,216	54,794,633
	Other food industries:							
20	Confectionery.....	187	635	551	3,955,722	3,308	4,864	16,241,428
21	Macaroni and kindred products	14	46	26	279,147	316	165	1,120,095
22	Sugar refining	12	478	105	2,697,639	2,538	267	8,260,447
23	Miscellaneous food preparations.....	322	1,679	1,084	9,882,971	3,900	3,094	16,145,163
24	Totals, foods and beverages	8,129	24,731	10,245	116,307,583	105,392	36,281	338,972,969
	<i>2. Tobacco and tobacco products:</i>							
25	Tobacco, cigars and cigarettes.....	42	646	441	4,598,832	2,401	4,223	18,777,249
26	Tobacco processing and packing	13	177	20	988,049	731	855	2,401,513
27	Totals, tobacco and tobacco products	55	823	461	5,586,881	3,132	5,078	21,178,762
	<i>3. Rubber products:</i>							
28	Rubber goods, including footwear.....	72	4,009	1,555	20,205,742	12,945	4,091	50,788,901
29	Totals, rubber products	72	4,009	1,555	20,205,742	12,945	4,091	50,788,901
	<i>4. Leather products:</i>							
30	Footwear, leather	286	1,753	806	9,205,639	10,009	8,929	34,830,483
31	Gloves and mittens, leather.....	80	174	73	818,099	622	1,199	2,785,062
32	Leather tanning	60	416	138	2,275,019	3,160	337	9,482,519
	Other leather industries:							
33	Belting, leather	14	35	19	178,873	96	12	265,564
34	Boot and shoe findings, leather	29	65	26	374,460	396	129	1,156,173
35	Miscellaneous leather goods n.e.s..	226	521	222	2,536,370	1,950	1,981	7,057,234
36	Totals, leather products	695	2,964	1,284	15,388,460	16,233	12,587	55,577,035
	<i>5. Textiles:</i>							
	Cotton goods:							
37	Cotton thread	13	109	72	808,579	198	523	1,335,856
38	Cotton yarn and cloth	54	1,650	969	9,218,655	13,399	7,160	45,817,885
39	Miscellaneous cotton goods.....	13	51	15	388,524	546	116	1,727,037
	Woollen goods:							
40	Carpets, mats and rugs.....	20	166	99	927,670	820	478	3,160,883
41	Woollen cloth	82	674	350	4,112,647	4,055	2,706	14,884,605
42	Woollen yarn.....	48	241	161	1,403,789	1,471	1,712	6,900,735
43	Miscellaneous woollen goods	37	218	99	1,649,099	1,500	456	4,907,076

TABLE 6. Principal Statistics of the Individual Industries, 1953

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.	\$	\$	\$	\$	\$	
6,781 33,540	14,271,755 80,902,687	1,040,716 8,785,618	34,603,257 129,224,657	39,871,435 139,987,817	75,515,408 277,998,092	1 2
8,383 7,838 5,110 524	31,737,897 20,485,552 15,432,739 1,808,840	2,597,740 2,571,101 2,050,571 132,026	51,482,008 35,493,245 44,308,034 4,481,979	146,805,908 70,496,063 76,918,492 5,042,665	200,885,656 108,560,409 123,277,097 9,656,670	3 4 5 6
13,623 15,385	23,169,629 32,838,899	2,426,883 2,717,015	85,773,130 119,911,000	49,435,356 82,491,454	137,635,369 205,119,469	7 8
20,697 1,170 1,622 842	52,507,579 3,063,957 4,466,166 2,140,213	7,252,785 104,237 1,580,001 329,438	293,915,639 21,733,959 51,952,683 6,729,280	95,787,291 5,433,093 14,214,469 5,637,820	396,955,715 27,271,289 67,747,153 12,696,538	9 10 11 12
5,760 1,473 4,962 1,329	13,861,889 2,336,382 14,946,310 4,005,639	2,314,174 572,228 1,650,066 371,992	137,828,019 20,156,743 224,518,387 9,963,960	30,291,490 4,622,227 40,262,095 14,528,552	170,433,683 25,351,198 266,430,548 24,864,504	13 14 15 16
300 1,367 22,887	959,473 3,330,391 74,431,943	218,147 298,908 4,681,159	1,473,868 12,405,672 672,763,955	1,684,397 6,787,174 152,022,908	3,376,412 19,491,754 829,468,022	17 18 19
9,358 553 3,388 9,757	20,197,150 1,399,242 10,958,086 26,028,134	1,141,600 146,364 2,642,586 3,122,699	53,265,893 4,787,233 79,588,400 200,378,736	44,375,451 3,191,101 35,721,466 80,864,996	98,782,944 8,124,698 117,952,452 284,366,431	20 21 22 23
176,649	455,280,552	48,748,054	2,296,739,737	1,146,473,720	3,491,961,511	24
7,711 1,783	23,376,081 3,389,562	423,598 215,627	79,261,880 59,229,168	67,702,851 7,312,367	147,388,329 66,757,162	25 26
9,494	26,765,643	639,225	138,491,048	75,015,218	214,145,491	27
22,600 22,600	70,994,643 70,994,643	3,724,710 3,724,710	114,336,694 114,336,694	172,674,055 172,674,055	290,735,459 290,735,459	28 29
21,497 2,068 4,051	44,036,122 3,603,161 11,757,538	629,656 52,458 1,111,472	65,210,564 4,801,051 30,354,423	65,466,899 4,832,932 16,530,503	131,307,119 9,686,441 47,996,398	30 31 32
162 616 4,674	444,437 1,530,633 9,593,604	20,981 86,593 155,581	963,801 3,146,511 11,939,829	760,601 2,183,960 14,162,367	1,745,383 5,417,064 26,257,777	33 34 35
33,068	70,965,496	2,036,741	116,416,179	103,937,262	222,410,182	36
902 23,178 728	2,144,435 55,036,540 2,115,561	97,155 3,977,209 141,816	4,947,687 132,917,545 6,437,111	5,184,901 73,326,204 4,158,846	10,229,743 210,220,958 10,737,773	37 38 39
1,563 7,785 3,585 2,273	4,088,553 18,997,252 8,304,524 6,556,175	264,411 1,446,807 529,364 412,382	7,324,225 34,387,199 22,816,140 18,794,880	6,355,313 25,607,230 12,685,047 12,245,778	13,943,949 61,441,236 36,030,551 31,453,040	40 41 42 43

TABLE 6. Principal Statistics of the Individual Industries, 1953 — Continued

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	\$	No.	No.	\$
1	5. Textiles — concluded:							
1	Synthetic textiles and silk	47	2,291	995	12,822,840	9,311	3,126	31,116,265
2	Other primary textiles:							
2	Dyeing and finishing of textiles	56	311	111	1,642,888	1,594	239	4,510,337
3	Narrow fabrics	52	190	101	1,101,669	937	935	3,919,122
	Other textile industries:							
4	Automobile accessories, fabric	16	122	58	687,174	346	557	2,181,629
5	Awnings, tents and sails	116	246	101	1,023,571	623	609	2,299,033
6	Bags, cotton and jute	34	156	63	884,627	338	620	1,792,888
7	Cordage, rope and twine	14	137	70	870,647	657	324	2,699,439
8	Embroideries, pleating, hemstitching, etc.	155	235	105	1,197,211	587	1,041	2,794,721
9	Oilcloth, linoleum and other coated fabric	15	383	172	2,506,254	1,523	158	4,964,093
10	Miscellaneous textiles, n.e.s.	187	471	336	2,876,651	945	2,033	5,470,517
11	Totals, textiles	959	7,651	3,877	44,122,495	38,850	22,812	140,482,121
	6a. Knitting mills ¹ :							
12	Hosiery	122	686	552	4,655,801	3,982	5,349	20,173,719
13	Knitted goods	172	901	756	5,941,207	3,293	8,894	21,649,954
14	Totals, knitting mills	294	1,587	1,308	10,597,008	7,275	14,243	41,823,673
	6b. Clothing ¹ :							
	Men's, women's and children's clothing:							
15	Clothing, children's, factory	169	415	285	2,725,485	1,156	5,037	9,419,507
16	Clothing, men's, factory	601	2,779	1,644	16,522,772	9,440	21,256	58,187,116
17	Clothing, women's, factory	830	2,286	1,598	15,099,599	5,926	18,467	46,738,450
18	Clothing contractors, men's	160	280	51	958,201	1,290	2,863	6,904,680
19	Clothing contractors, women's	107	148	46	566,044	224	1,889	3,032,454
	Miscellaneous clothing:							
20	Corsets	42	211	427	1,908,235	354	2,647	4,648,076
21	Fur dressing and dyeing	16	74	24	440,036	900	216	2,749,531
22	Fur goods	600	1,122	314	4,743,807	2,745	1,764	11,103,947
23	Gloves and mittens, fabric	15	35	27	218,335	135	650	868,485
24	Hats and caps	166	437	257	2,581,447	1,621	2,613	8,476,453
25	Oiled and waterproofed clothing	15	36	19	236,597	169	273	933,704
26	Clothing n.e.s.	67	148	103	940,746	323	934	2,001,572
27	Totals, clothing	2,788	7,971	4,795	46,941,304	24,283	58,609	155,063,975
	7. Wood products:							
28	Furniture	1,640	3,877	1,172	17,576,030	22,603	2,116	58,260,147
	Saw and planing mills:							
29	Flooring, hardwood	27	151	46	804,160	1,295	20	3,018,911
30	Sash, door and planing mills	1,775	3,373	653	11,892,105	15,993	222	36,227,191
31	Sawmills	8,194	12,252	844	23,708,046	47,327	510	118,422,957
32	Veneers and plywoods	54	554	176	3,166,709	7,035	1,230	22,292,149
	Other wood industries:							
33	Beekeepers' and poultrymen's supplies	7	10	3	31,950	35	3	65,950
34	Boxes and baskets, wood	180	396	78	1,473,741	2,846	417	6,622,590
35	Cooperage	99	127	21	321,074	517	—	1,239,127
36	Excelsior	13	18	5	71,991	111	27	236,798
37	Lasts, trees and shoe findings	15	57	29	272,355	335	162	1,021,476
38	Morticians' goods	60	143	63	618,317	986	173	2,485,057
39	Woodenware	31	59	18	220,055	494	154	1,206,670
40	Wood turning	74	154	40	593,252	851	91	1,886,397
41	Miscellaneous wood products n.e.s.	293	698	218	3,184,870	3,173	349	8,699,177
42	Totals, wood products	12,462	21,869	3,366	63,934,655	103,601	5,474	261,684,597

1. Previously these groups were combined under Clothing (textile and fur).

TABLE 6. Principal Statistics of the Individual Industries, 1953 — 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.	\$	\$	\$	\$	\$	
15,723	43,939,105	3,894,586	63,938,444	78,585,277	146,418,307	1
2,255	6,153,225	844,294	3,165,944	9,094,314	13,104,552	2
2,163	5,020,791	206,166	7,840,738	9,406,856	17,453,760	3
1,083	2,868,803	68,184	6,248,415	5,023,787	11,340,386	4
1,579	3,322,604	100,361	6,949,933	5,341,780	12,392,074	5
1,196	2,677,515	100,786	21,611,488	3,609,653	25,321,927	6
1,188	3,570,086	205,596	7,336,124	10,324,294	17,866,014	7
1,968	3,991,932	55,913	3,419,135	6,733,185	10,208,233	8
2,236	7,470,347	498,663	15,219,537	15,114,883	30,833,083	9
3,785	8,347,168	290,704	24,970,039	16,433,936	41,694,679	10
73,190	184,604,616	13,134,397	388,324,584	299,231,284	700,690,263	11
10,569	24,829,520	761,743	23,153,148	38,595,166	62,510,057	12
13,844	27,591,161	1,062,002	54,551,024	42,669,259	98,282,285	13
24,413	52,420,681	1,823,745	77,704,172	81,264,425	160,792,342	14
9,343	12,144,992	144,750	24,782,163	20,420,727	45,347,640	15
25,119	74,709,888	828,441	147,283,980	125,833,604	273,946,025	16
28,277	61,838,049	543,954	116,186,888	103,679,336	220,410,178	17
4,484	7,862,881	129,940	870,477	9,877,576	10,877,993	18
2,307	3,598,498	50,568	223,364	5,125,412	5,399,344	19
3,639	6,556,311	68,583	8,852,984	13,107,086	22,028,653	20
1,214	3,189,567	83,702	1,026,173	4,810,139	5,920,014	21
5,945	15,847,754	235,397	39,639,350	24,116,969	63,991,716	22
847	1,086,820	22,267	2,112,018	2,030,640	4,164,925	23
4,928	11,057,900	230,714	11,741,210	17,660,028	29,631,952	24
497	1,170,301	14,201	2,568,127	1,740,607	4,322,935	25
1,508	2,942,318	38,875	6,271,748	4,836,673	11,147,296	26
95,658	202,005,279	2,391,392	361,558,482	333,238,797	697,188,671	27
29,768	75,836,177	2,327,174	107,747,252	121,482,928	231,557,354	28
1,512	3,823,071	166,867	7,992,330	5,983,223	14,142,420	29
20,241	48,119,296	2,723,104	120,988,715	77,217,333	200,929,152	30
60,933	142,131,003	7,042,752	304,584,643	269,066,309	580,693,704	31
3,995	25,458,858	977,942	42,944,218	53,337,816	97,259,976	32
51	97,900	4,560	137,560	173,700	315,820	33
3,737	8,096,331	363,872	11,717,320	13,676,932	25,758,124	34
665	1,560,201	89,243	3,724,733	2,683,621	6,497,597	35
161	308,789	31,831	351,549	425,206	808,586	36
583	1,293,831	34,801	1,199,706	1,912,168	3,146,675	37
1,365	3,103,374	114,253	3,760,535	5,166,592	9,041,380	38
725	1,426,725	62,598	1,596,949	1,826,534	3,486,081	39
1,136	2,479,649	109,036	2,524,182	3,557,381	6,190,599	40
4,438	11,884,047	853,797	40,461,364	20,872,183	62,187,344	41
134,310	325,619,232	14,901,830	649,731,056	577,381,926	1,242,014,812	42

TABLE 6. Principal Statistics of the Individual Industries, 1953 — Continued

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	\$	No.	No.	\$
	8. Paper products:							
1	Boxes and bags, paper	192	1,491	813	9,640,723	7,048	4,690	29,112,015
2	Pulp and paper	127	7,165	2,229	49,932,103	48,093	707	185,809,557
3	Roofing paper	26	620	267	3,025,457	1,503	87	4,777,945
4	Miscellaneous paper goods	210	1,268	822	7,963,046	4,836	2,797	19,846,861
5	Totals, paper products	555	10,544	4,131	70,561,329	61,480	8,281	239,546,378
	9. Printing, publishing and allied industries:							
	Commercial printing:							
6	Printing and bookbinding	1,696	4,098	1,898	20,895,071	12,638	5,212	47,487,544
7	Trade composition	50	142	49	872,134	605	17	2,259,784
	Engraving, stereotyping and allied industries:							
8	Engraving, stereotyping and electrotyping	129	588	332	4,278,449	2,795	481	12,327,869
9	Lithographing	74	542	359	3,732,436	2,373	974	10,052,307
	Printing and publishing:							
10	Printing and publishing	795	8,171	4,699	41,400,755	13,590	2,039	52,420,856
11	Publishing (only) of periodicals	1,413	2,382	2,546	9,899,349	—	—	—
12	Totals, printing, publishing and allied industries	4,157	15,923	9,883	81,078,194	32,001	8,723	124,548,360
	10. Iron and steel products:							
13	Agricultural implements	80	2,516	656	12,857,891	10,859	130	37,444,116
14	Boilers, tanks and platework	82	1,792	558	9,850,967	6,414	194	22,629,786
15	Bridge building and structural steel	47	2,197	481	12,362,243	8,520	45	30,172,081
16	Castings, iron	201	1,729	609	9,622,171	12,737	271	43,363,405
17	Hardware, tools and cutlery	351	2,022	1,016	11,871,462	9,771	1,613	34,067,883
18	Heating and cooking apparatus	117	1,359	632	7,579,764	6,983	244	20,535,929
19	Machinery, household, office and store	76	1,431	697	7,775,388	6,900	964	23,645,171
20	Machinery, industrial	312	4,815	1,984	25,687,090	14,888	476	49,608,363
21	Machine shops	625	1,350	248	5,682,436	4,830	81	13,900,192
22	Machine tools	13	308	117	1,868,621	1,515	16	5,373,434
23	Primary iron and steel	62	3,334	1,112	20,237,501	30,300	210	109,472,055
24	Sheet metal products	316	2,904	1,038	15,451,269	12,691	1,642	43,380,562
25	Wire and wire goods	122	1,226	531	7,214,204	6,204	673	21,441,894
26	Miscellaneous iron and steel products	294	2,011	587	8,700,819	8,889	916	31,677,430
27	Totals, iron and steel products	2,698	28,994	10,266	156,761,826	141,501	7,475	486,712,301
	11. Transportation equipment:							
28	Aircraft and parts	43	8,136	2,813	45,574,126	26,380	719	96,801,573
29	Bicycles and parts	7	169	86	778,044	964	104	3,330,825
30	Boat building	215	315	50	834,283	1,128	15	2,710,796
31	Carriages, wagons and sleighs	42	104	35	479,560	566	149	1,640,606
32	Motor vehicles	20	4,633	1,450	29,245,288	26,429	461	102,070,846
33	Motor vehicle parts	179	2,789	1,121	17,056,053	16,913	2,512	64,130,746
34	Railway rolling stock	36	2,269	320	11,597,664	32,729	129	106,428,686
35	Shipbuilding	79	1,898	546	9,419,945	20,003	124	63,312,111
36	Totals, transportation equipment	621	20,313	6,421	114,984,963	125,112	4,213	440,426,189
	12. Non-ferrous metal products:							
37	Aluminum products	96	1,565	861	9,439,706	4,983	329	16,153,458
38	Brass and copper products	153	1,315	569	8,049,906	6,917	500	23,489,864
39	Jewellery and silverware	207	660	466	3,833,903	2,820	1,757	10,582,192
40	Non-ferrous metal smelting and refining	18	3,558	566	17,530,010	20,942	49	77,015,601
41	White metal alloys	56	520	188	2,765,200	2,370	563	8,242,318
42	Miscellaneous non-ferrous metal products	21	107	49	675,285	310	94	932,614
43	Totals, non-ferrous metal products	551	7,725	2,699	42,294,010	38,342	3,292	136,416,047
	13. Electrical apparatus and supplies:							
44	Batteries	26	412	210	2,413,655	1,071	398	4,565,872
45	Radios and radio parts	103	3,821	1,570	21,187,773	5,994	5,828	30,046,919
46	Refrigerators, vacuum cleaners and appliances	87	1,587	726	8,841,204	5,697	1,417	20,655,604
47	Machinery, heavy electrical	55	5,335	1,916	28,602,860	14,628	3,575	59,756,803
48	Miscellaneous electrical apparatus and supplies	151	4,499	1,979	25,528,033	11,395	4,798	49,048,054
49	Totals, electrical apparatus and supplies	422	15,654	6,401	86,573,525	38,783	16,016	164,073,252

TABLE 6. Principal Statistics of the Individual Industries, 1953 — Continued

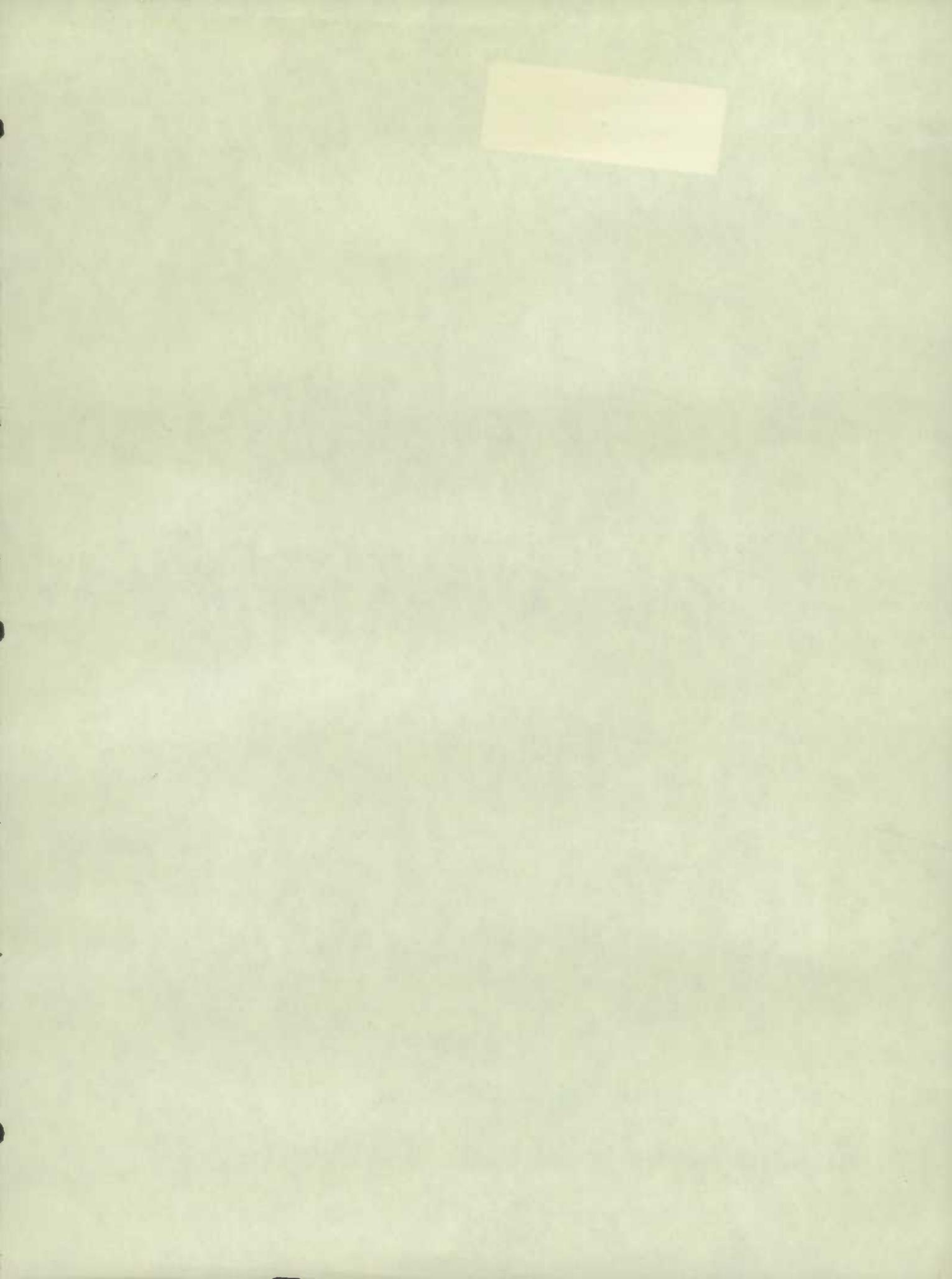
Total employees	Total earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments	No.
No.	\$	\$	\$	\$	\$	
14,042	38,752,738	1,186,205	115,598,568	81,755,394	198,540,167	1
58,194	235,741,660	80,379,515	499,350,994	599,934,934	1,179,665,443	2
2,477	7,803,402	648,603	20,315,397	21,809,977	42,773,977	3
9,723	27,809,907	1,302,572	82,195,084	63,773,278	147,270,934	4
84,436	310,107,707	83,516,895	717,460,043	767,273,583	1,568,250,521	5
23,846	68,382,615	1,476,447	62,093,666	112,606,355	176,176,468	6
813	3,131,918	42,561	350,246	4,351,058	4,743,865	7
4,196	16,606,318	285,075	6,186,600	25,351,801	31,823,476	8
4,248	13,784,743	227,349	17,067,222	24,152,249	41,446,820	9
28,499	93,821,611	2,134,928	66,814,175	174,943,176	243,892,279	10
4,928	9,899,349	—	22,710,128	22,959,336	45,669,464	11
66,530	205,626,554	4,166,360	175,222,037	364,363,975	543,752,372	12
14,161	50,302,007	1,824,514	90,344,539	79,100,472	171,269,525	13
8,958	32,480,753	1,131,868	37,290,528	59,226,747	97,649,143	14
11,243	42,534,324	1,345,930	64,196,383	90,785,457	156,327,770	15
15,346	52,985,576	3,280,528	69,150,209	85,034,389	157,465,126	16
14,422	45,939,345	1,765,496	40,771,452	84,772,624	127,309,572	17
9,218	28,115,693	1,315,306	43,613,972	52,427,259	97,356,537	18
9,992	31,420,559	958,342	44,580,753	53,430,422	98,969,517	19
22,163	75,295,453	2,338,176	78,394,744	145,229,561	225,962,481	20
6,509	19,582,628	769,114	13,617,124	28,654,457	43,040,695	21
1,956	7,242,055	175,772	5,433,835	11,802,410	17,412,017	22
34,956	129,709,556	29,572,323	212,374,287	216,957,645	458,904,255	23
18,275	58,831,831	2,410,343	119,186,160	103,826,528	225,423,031	24
8,634	28,656,098	1,512,086	37,046,455	66,299,473	104,858,014	25
12,403	40,378,249	3,054,493	50,164,798	63,384,105	116,603,396	26
188,236	643,474,127	51,454,291	906,165,239	1,140,931,549	2,098,551,079	27
38,048	142,375,699	2,438,890	135,756,989	260,548,393	398,744,272	28
1,323	4,108,869	158,610	3,342,232	7,443,655	10,944,497	29
1,508	3,545,079	120,084	3,248,688	5,094,759	8,463,531	30
854	2,120,166	91,690	2,859,049	4,066,836	7,017,575	31
32,973	131,316,134	4,247,370	557,709,086	273,598,093	835,554,549	32
23,335	81,186,799	4,100,681	162,324,012	141,251,977	307,676,670	33
35,447	118,026,350	4,751,193	179,892,257	153,677,779	338,321,229	34
22,571	72,732,056	1,870,379	65,821,268	115,523,663	183,215,310	35
156,059	555,411,152	17,778,897	1,110,953,581	961,205,155	2,089,937,633	36
7,738	25,593,164	1,741,405	49,084,098	41,898,562	92,724,065	37
9,301	31,539,770	2,110,325	108,715,110	59,866,300	170,691,735	38
5,703	14,416,095	395,571	27,149,796	23,875,903	51,421,270	39
25,115	94,545,611	52,594,155	508,116,759	310,207,228	870,918,142	40
3,641	11,007,518	767,613	30,142,086	19,595,648	50,505,347	41
560	1,607,899	93,339	2,920,266	2,736,830	5,750,435	42
52,058	178,710,057	57,702,408	726,128,115	458,180,471	1,242,010,994	43
2,091	6,979,527	440,680	19,486,735	15,536,192	35,463,607	44
17,213	51,234,692	703,696	112,634,139	86,791,493	200,129,328	45
9,427	29,496,808	1,237,274	54,597,677	58,758,075	114,593,026	46
25,454	88,359,663	1,974,108	87,704,273	154,594,631	244,273,012	47
22,671	74,576,087	2,600,986	109,321,170	141,809,125	253,731,281	48
76,856	250,646,777	6,956,744	383,743,994	457,489,516	848,190,254	49

TABLE 6. Principal Statistics of the Individual Industries, 1953 — Concluded

No.	Industries	Establishments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
14.	<i>Non-metallic mineral products:</i>	No.	No.	No.	\$	No.	No.	\$
1	Abrasives, artificial	18	338	193	2,135,216	2,128	83	7,765,532
2	Asbestos products	18	298	120	1,599,643	1,315	197	4,623,381
3	Cement, hydraulic	11	146	22	759,814	2,232	3	8,194,415
4	Clay products from domestic clay	125	320	84	1,591,348	3,382	95	9,866,726
5	Clay products from imported clay	37	222	92	1,280,066	1,337	603	5,000,548
6	Concrete products	486	1,154	219	4,707,342	5,289	60	14,677,841
7	Glass and glass products	118	909	528	5,268,094	5,394	999	19,710,753
8	Gypsum products	11	242	103	1,454,790	1,166	11	3,170,375
9	Lime	42	89	18	417,946	960	1	2,894,966
10	Salt	12	156	45	727,345	501	48	1,547,467
11	Sand-lime brick	5	14	2	64,000	162	—	494,490
12	Stone products	159	415	126	1,819,845	1,655	21	4,899,926
13	Miscellaneous non-metallic mineral products	52	171	74	965,789	535	75	1,637,416
14	Totals, non-metallic mineral products	1,094	4,474	1,626	22,791,238	26,056	2,196	84,483,836
15.	<i>Products of petroleum and coal:</i>							
15	Coke and gas products	28	900	378	4,533,066	3,673	4	12,413,779
16	Petroleum products	55	3,213	1,047	18,808,302	7,536	62	29,766,470
17	Miscellaneous products of petroleum and coal	17	78	35	486,978	181	5	556,839
18	Totals, products of petroleum and coal	100	4,191	1,460	23,828,346	11,390	71	42,737,088
16.	<i>Chemicals and allied products:</i>							
19	Acids, alkalies and salts	41	1,875	569	10,602,269	5,748	86	20,572,210
20	Fertilizers	40	752	208	3,910,993	2,219	20	7,600,650
21	Medicinal and pharmaceutical preparations	217	1,624	1,473	11,288,283	2,231	2,164	10,470,368
22	Paints, varnishes and lacquers	122	1,587	872	9,189,522	3,067	361	10,048,287
23	Primary plastics	19	571	207	3,249,777	1,319	63	4,666,641
24	Soaps, washing compounds and cleaning preparations	141	1,061	597	6,006,125	1,767	399	7,120,171
25	Toilet preparations	94	308	363	2,256,598	446	838	2,391,949
26	Vegetable oils	13	167	64	981,060	442	2	1,364,771
	Other chemical industries:							
27	Adhesives	29	172	78	827,278	419	38	1,317,719
28	Coal tar distillation	11	107	29	528,636	401	4	1,332,717
29	Gases, compressed	45	289	222	1,675,900	714	1	2,370,944
30	Inks	33	192	99	1,158,507	545	55	1,732,623
31	Polishes and dressings	49	180	176	1,291,285	292	197	1,110,573
32	Miscellaneous chemical products, n.e.s.	251	2,583	1,072	13,656,350	7,165	1,707	25,868,604
33	Totals, chemicals and allied products	1,105	11,468	6,029	66,622,583	26,775	5,935	97,968,227
17.	<i>Miscellaneous industries:</i>							
34	Brooms, brushes and mops	95	318	196	1,625,067	1,140	541	3,324,659
35	Clocks, watches and watch cases	34	138	122	1,043,579	422	508	2,455,238
36	Fountain pens and pencils	17	155	134	1,128,328	304	576	1,775,260
37	Musical instruments	24	185	104	844,765	918	165	2,614,112
38	Plastics products	152	542	244	3,095,700	1,715	1,566	7,043,210
39	Scientific and professional equipment	128	1,397	732	8,560,636	3,232	1,281	13,546,733
40	Sporting goods	82	252	119	1,311,918	784	613	2,873,641
41	Toys and games	55	132	55	828,248	516	848	2,647,022
42	Typewriter supplies	10	87	47	515,622	197	114	711,882
	Other miscellaneous industries:							
43	Artificial flowers and feathers	45	67	40	327,281	127	282	599,319
44	Buttons, buckles and fasteners	45	216	141	1,357,388	606	778	3,102,766
45	Candles	14	37	23	187,715	104	67	320,649
46	Hair goods	16	20	9	106,180	74	15	211,767
47	Ice, artificial	77	172	53	685,705	706	—	1,928,890
48	Lamps, electric and lamp shades	57	123	107	752,025	521	537	1,910,767
49	Models and patterns, excluding paper	67	91	12	382,671	270	2	959,637
50	Pipes, lighters and smokers' supplies	14	39	34	231,643	97	113	456,419
51	Signs, electric, Neon and other	193	486	151	2,443,879	1,836	159	5,259,775
52	Stamps and stencils, rubber and metal	60	143	71	801,458	512	194	1,707,663
53	Statuary, art goods, regalia and novelties	122	153	57	661,989	427	352	1,428,797
54	Umbrellas	8	32	10	120,466	25	113	204,497
55	Other miscellaneous industries	35	167	114	1,087,004	677	662	2,772,525
56	Totals, miscellaneous industries	1,350	4,952	2,575	28,099,267	15,210	9,486	57,855,228
57	Grand totals, all industries	38,107	195,843	78,382	1,016,679,409	828,363	224,863	2,940,338,939

TABLE 6. Principal Statistics of the Individual Industries, 1953 — 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.	\$	\$	\$	\$	\$	
2,742	9,900,748	4,051,134	16,869,606	25,333,137	46,253,877	1
1,930	6,223,024	557,589	10,363,034	11,110,349	22,030,972	2
2,403	8,954,229	11,327,001	10,472,651	40,428,272	62,227,924	3
3,881	11,458,074	4,843,283	799,534	24,134,914	29,777,731	4
2,254	6,280,614	844,345	3,943,943	10,083,660	14,871,948	5
6,722	19,385,183	2,148,873	34,886,105	40,845,917	77,880,895	6
7,830	24,978,847	4,232,924	28,552,798	40,124,444	72,910,166	7
1,522	4,625,165	1,112,615	10,249,318	10,301,603	21,663,536	8
1,068	3,312,912	3,387,340	1,221,547	10,600,220	15,209,107	9
750	2,274,812	959,927	1,866,106	5,579,756	8,405,789	10
178	558,490	82,860	483,747	1,187,484	1,754,091	11
2,217	6,719,771	922,948	7,816,157	13,956,534	22,695,639	12
855	2,603,205	503,652	6,594,302	6,129,563	13,227,517	13
34,352	107,275,074	34,974,491	134,118,848	239,815,853	408,909,192	14
4,955	16,946,845	6,926,499	66,576,949	48,817,597	122,321,045	15
11,858	48,574,772	28,171,294	507,214,040	159,603,271	694,988,605	16
299	1,043,817	127,953	2,519,652	3,132,085	5,779,690	17
17,112	66,565,434	35,225,746	576,310,641	211,552,953	823,089,340	18
8,278	31,174,479	13,264,151	43,083,175	70,952,111	127,299,437	19
3,199	11,511,643	1,948,620	39,310,484	43,095,265	84,354,369	20
7,492	21,758,651	822,438	30,716,172	62,018,558	93,557,168	21
5,887	19,237,809	756,392	55,144,047	57,347,366	113,247,805	22
2,160	7,916,418	904,454	24,497,716	19,139,712	44,541,882	23
3,824	13,126,296	1,194,015	38,323,494	49,731,314	89,248,823	24
1,955	4,648,547	121,950	11,309,157	19,007,367	30,438,474	25
675	2,345,831	492,220	43,992,061	6,359,159	50,843,440	26
707	2,144,997	403,118	6,490,797	5,188,200	12,082,115	27
541	1,861,353	755,122	7,551,105	5,328,672	13,634,899	28
1,226	4,046,844	490,633	2,240,446	12,981,251	15,712,330	29
891	2,891,130	107,523	5,198,173	7,517,350	12,823,046	30
845	2,401,858	95,121	7,704,870	9,430,077	17,230,068	31
12,527	39,524,954	8,185,181	88,124,634	80,180,174	176,489,989	32
50,207	164,590,810	29,540,938	403,686,331	448,276,576	881,503,845	33
2,195	4,949,726	142,997	8,112,766	8,904,832	17,160,595	34
1,190	3,498,817	38,180	7,103,175	5,528,274	12,669,629	35
1,169	2,903,588	66,904	4,115,356	6,514,328	10,696,588	36
1,372	3,458,877	122,501	3,283,754	6,307,367	9,713,622	37
4,067	10,138,910	425,819	18,725,905	19,858,821	39,010,545	38
6,642	22,107,369	429,594	22,010,622	38,588,436	61,028,652	39
1,768	4,185,559	121,466	4,729,505	7,779,456	12,630,427	40
1,551	3,475,270	128,840	5,948,744	5,291,829	11,369,413	41
445	1,227,504	32,850	2,401,040	2,588,004	5,021,894	42
516	926,600	18,292	1,076,417	1,665,843	2,760,552	43
1,741	4,460,154	104,386	4,598,548	6,751,442	11,454,376	44
231	508,364	34,393	941,195	1,489,068	2,464,656	45
118	317,947	9,181	1,154,380	558,420	1,721,981	46
931	2,614,595	657,087	160,407	4,986,284	5,803,778	47
1,288	2,662,792	88,568	4,651,902	4,606,284	9,346,754	48
375	1,342,308	32,420	328,367	1,741,707	2,102,494	49
283	688,062	26,374	997,648	1,387,312	2,411,334	50
2,632	7,703,654	336,970	6,247,579	15,204,952	21,789,501	51
920	2,509,121	64,274	1,277,442	3,592,817	4,934,533	52
989	2,090,786	59,632	1,842,169	3,309,371	5,211,172	53
180	324,963	2,992	622,410	578,536	1,203,938	54
1,620	3,859,529	108,237	3,138,570	7,529,650	10,776,457	55
32,223	85,954,496	3,051,967	103,467,901	154,763,033	261,282,891	56
1,327,451	3,957,018,348	411,788,821	9,380,558,682	7,993,069,351	17,783,416,854	57



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