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# THE MANUFACTURING INDUSTRIES OF CANADA

Section D

PROVINCE OF ONTARIO

1953

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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—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 D

### PROVINCE OF ONTARIO

1953

The manufacturing industries of Ontario continued to expand during 1953, the selling value of factory shipments at \$8,876,504,990 being the highest on record. Establishments reporting numbered 13,114. They furnished employment to 634,554 persons who received \$2,017,982,218 in salaries and wages, and spent \$4,560,134,562 for materials. The value added by manufacture which is the gross value of production, less the cost of materials used including the cost of fuel and electricity, also reached a record figure of \$4,130,126,462. Compared with the previous year there was an increase of 4.1 p.c. in the number of persons employed, 9.4 p.c. in the salaries and wages paid, and 6.0 p.c. in the selling value of factory shipments. The expansion of manufacturing in Ontario was greater than in the other major industrial provinces. This is indicated by an increase of only 3.0 p.c. in employment, 8.8 p.c. in salaries and wages paid, and 4.7 p.c. in selling value of factory shipments for Canada as a whole.

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 give 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 1953 produced about 50 per cent of the nation's manufactured goods. A vast increase in steel ingot capacity is being made possible by developments at Steep Rock Iron Mines. At Sarnia, huge investments have gone into the construction 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 also 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 in practically this province alone. Of the forty leading industries in Canada in 1953, 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 1953 Canada totals are as follows: motor vehicles 98.7, motor vehicle parts 96.8, heavy electrical machinery 94.0, agricultural implements 91.2, rubber goods 81.8, primary iron and steel 76.8, radio and television sets and parts 72.4, iron castings 71.2, fruit and vegetable preparations 64.6, miscellaneous paper products 64.1, sheet metal products 60.8, printing and bookbinding 58.7, aircraft and parts 58.6, industrial machinery 57.5, brass and copper products 55.3, boxes and bags, paper 53.3, miscellaneous electrical apparatus 53.0, and furniture 50.4. In addition Ontario dominated many of the smaller industries in 1953 as follows: machine tools 100.0, starch and glucose 99.1, bicycles and parts 96.7, tobacco processing and packing 95.7, soaps and washing compounds 90.7, breakfast foods 89.3, carpets, mats and rugs 88.5, automobile accessories, fabric 88.4, leather tanneries 86.9, wine 86.6, typewriter supplies 86.2, artificial abrasives 85.3, miscellaneous non-ferrous metal products 83.9, cordage, rope and twine 82.6, batteries 81.1, sporting goods 79.3, refrigerators, vacuum cleaners and appliances 77.6, white metal alloys 76.6, household and office machinery 75.9, toys and games 74.9, scientific and professional equipment 74.6, jewellery and silverware 73.6, boilers and plate work 73.4, wool yarn 73.2, hardware, tools and cutlery 72.9, feed mills 67.9, aluminum products 62.5, animal oils and fats 61.6, acids, alkalies and salts 58.8, confectionery 55.8, knitted goods 54.6, and hosiery 48.4.

## THE MANUFACTURING INDUSTRIES

TABLE 1. Principal Statistics of the Manufacturing Industries, by Provinces, 1953

	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments
Provinces	No.	No.	\$	\$	\$	\$
Newfoundland .....	939	10,575	26,604,908	44,972,021	57,784,697	106,524,603
Prince Edward Island .....	216	1,809	3,095,845	16,963,798	5,878,761	23,198,970
Nova Scotia .....	1,591	32,040	76,390,755	180,543,535	127,917,165	320,012,264
New Brunswick .....	1,094	24,471	59,753,045	163,797,711	120,617,345	295,750,419
Quebec .....	12,132	441,555	1,225,573,314	2,816,373,112	2,424,647,499	5,386,784,863
Ontario .....	13,114	634,554	2,017,982,218	4,560,134,562	4,130,126,462	8,876,504,990
Manitoba .....	1,540	43,740	121,126,279	345,403,115	229,797,439	584,872,459
Saskatchewan .....	1,062	11,604	32,395,518	180,303,942	79,941,332	266,613,086
Alberta .....	2,072	33,082	92,605,153	346,221,162	199,660,428	555,814,827
British Columbia .....	4,317	93,844	300,921,318	724,495,754	615,686,215	1,366,823,690
Yukon and Northwest Territories .....	30	177	569,995	1,349,970	1,012,008	2,516,683
<b>Canada .....</b>	<b>38,107</b>	<b>1,327,451</b>	<b>3,957,018,348</b>	<b>9,380,558,682</b>	<b>7,993,069,351</b>	<b>17,785,416,854</b>

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

TABLE 2. Principal Statistics of the Manufacturing Industries, 1931 to 1953

Year	Estab- lish- ments	Capital	Em- ployees	Earnings	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Gross value of products <sup>2</sup>
	No.	\$	No.	\$	\$	\$	\$
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

1. Gross value of products less cost of materials, fuel and electricity used.

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, 1952 and 1953

Principal statistics		1952	1953	+ Increase - Decrease
Establishments .....	No.	13, 172	13, 114	- 58
Supervisory and office employees:				
Male .....	No.	91, 717	96, 231	+ 4, 514
Female .....	"	40, 644	42, 854	+ 2, 210
Earnings .....	\$	488, 513, 049	541, 339, 538	+ 52, 826, 489
Production workers:				
Male .....	No.	384, 448	395, 157	+ 10, 709
Female .....	"	92, 887	100, 312	+ 7, 425
Earnings .....	\$	1, 355, 673, 356	1, 476, 642, 680	+ 120, 969, 324
Cost of fuel and electricity .....	"	173, 635, 647	186, 243, 966	+ 12, 608, 319
Cost at plant of materials used .....	"	4, 387, 431, 403	4, 560, 134, 562	+ 172, 703, 159
Value added by manufacture <sup>1</sup> .....	"	3, 811, 106, 576	4, 130, 126, 462	+ 319, 019, 886
Selling value of factory shipments .....	"	8, 372, 173, 626	8, 876, 504, 990	+ 504, 331, 364

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

TABLE 4. Principal Statistics of the Forty Leading Industries, 1953

No.	Industries	Estab-	Em-	Earnings	Cost at plant	Value	Selling value
		lish- ments No.	ployees No.	\$	of materials used \$	added by manufacture \$	of factory shipments \$
1	Motor vehicles .....	13	31, 943	127, 775, 690	551, 267, 610	269, 184, 242	824, 580, 689
2	Non-ferrous metal smelting and refining .....	7	10, 012	38, 527, 021	197, 566, 885	162, 093, 574	376, 501, 229
3	Pulp and paper .....	43	18, 631	74, 971, 008	153, 553, 660	177, 179, 862	352, 414, 301
4	Primary iron and steel .....	26	24, 383	93, 900, 808	162, 583, 778	167, 295, 716	352, 408, 279
5	Slaughtering and meat packing .....	61	8, 706	29, 117, 304	263, 894, 240	61, 492, 919	327, 326, 431
6	Motor vehicle parts .....	105	22, 177	77, 566, 306	158, 541, 735	135, 275, 467	297, 765, 989
7	Rubber goods, including footwear .....	39	16, 267	53, 289, 706	93, 562, 852	141, 173, 937	237, 746, 006
8	Aircraft and parts .....	17	20, 431	80, 284, 209	72, 332, 752	159, 922, 729	233, 669, 531
9	Machinery, heavy, electrical .....	37	23, 723	82, 805, 273	81, 189, 337	146, 566, 947	229, 604, 515
10	Petroleum products .....	12	5, 071	20, 933, 480	140, 282, 154	43, 622, 002	193, 594, 550
11	Agricultural implements .....	32	12, 778	46, 504, 598	84, 329, 988	70, 846, 260	156, 805, 494
12	Radio and television sets, and parts .....	68	11, 905	33, 153, 112	81, 193, 239	63, 171, 780	144, 859, 196
13	Butter and cheese .....	499	7, 690	21, 112, 419	100, 382, 817	37, 084, 189	140, 323, 165
14	Sheet metal products .....	170	10, 825	35, 566, 793	71, 446, 091	64, 072, 531	137, 158, 117
15	Miscellaneous electrical apparatus and supplies .....	96	10, 189	33, 119, 122	60, 889, 641	72, 069, 468	134, 488, 218
16	Fruit and vegetable preparations .....	199	9, 411	21, 156, 281	75, 253, 530	55, 551, 894	132, 533, 662
17	Machinery, industrial .....	183	12, 359	42, 598, 810	47, 120, 218	81, 613, 231	130, 011, 593
18	Flour mills .....	55	2, 172	6, 806, 826	101, 470, 921	17, 346, 294	119, 499, 336
19	Printing and publishing .....	301	12, 975	45, 039, 258	32, 655, 949	83, 990, 722	117, 692, 974
20	Furniture .....	673	14, 956	39, 607, 973	52, 687, 103	62, 836, 918	116, 745, 089
21	Bread and other bakery products .....	849	14, 674	36, 605, 736	52, 639, 369	59, 924, 269	116, 521, 951
22	Castings, iron .....	94	10, 257	36, 412, 658	50, 251, 636	59, 478, 287	112, 129, 542
23	Miscellaneous food preparations .....	124	4, 413	12, 523, 191	70, 058, 650	33, 997, 078	105, 505, 983
24	Boxes and bags, paper .....	104	7, 619	22, 332, 007	62, 115, 661	42, 961, 461	105, 753, 146
25	Printing and bookbinding .....	734	12, 713	37, 601, 443	37, 753, 374	64, 928, 660	103, 437, 436
26	Brass and copper products .....	87	5, 250	18, 316, 070	59, 219, 219	34, 139, 590	94, 425, 494
27	Miscellaneous paper goods .....	114	6, 338	19, 006, 593	50, 819, 681	42, 646, 297	94, 413, 066
28	Hardware, tools and cutlery .....	247	10, 516	34, 253, 868	28, 764, 497	62, 725, 742	92, 804, 046
29	Railway rolling stock .....	15	7, 195	25, 365, 544	51, 182, 024	39, 350, 894	91, 686, 708
30	Miscellaneous chemical products .....	128	4, 653	16, 219, 469	37, 619, 531	44, 914, 621	88, 933, 157
31	Refrigerators, vacuum cleaners and appliances .....	63	7, 263	22, 893, 291	42, 597, 168	45, 347, 020	88, 914, 283
32	Breweries .....	21	3, 130	12, 857, 429	20, 592, 422	62, 061, 665	83, 594, 803
33	Clothing, men's, factory .....	160	11, 373	26, 020, 365	42, 551, 611	39, 416, 642	82, 244, 104
34	Soaps, washing compounds and clean- ing preparations .....	66	3, 165	11, 435, 863	34, 995, 599	44, 869, 073	80, 944, 064
35	Coke and gas products .....	16	2, 818	10, 067, 623	45, 985, 426	31, 220, 581	80, 321, 616
36	Sawmills .....	1, 207	8, 664	18, 492, 607	41, 590, 943	37, 129, 639	79, 573, 208
37	Feeds, stock and poultry, prepared .....	284	2, 675	6, 667, 231	60, 868, 148	13, 854, 308	75, 952, 490
38	Machinery, household, office and store .....	44	6, 067	19, 997, 369	32, 730, 354	41, 836, 395	75, 086, 351
39	Acids, alkalies and salts .....	20	4, 502	17, 177, 592	22, 651, 512	43, 717, 546	74, 892, 156
40	Boilers, tanks and platework .....	43	6, 172	23, 000, 485	27, 553, 465	43, 331, 055	71, 650, 475
	<b>Totals, leading industries .....</b>	<b>7, 056</b>	<b>426, 061</b>	<b>1, 431, 082, 431</b>	<b>3, 454, 744, 790</b>	<b>2, 960, 241, 505</b>	<b>6, 554, 857, 443</b>
	<b>Totals, all industries .....</b>	<b>13, 114</b>	<b>634, 554</b>	<b>2, 017, 982, 218</b>	<b>4, 560, 134, 562</b>	<b>4, 130, 126, 462</b>	<b>8, 876, 504, 990</b>
	Percentage of leading industries to all industries .....	53. 8	67. 1	70. 9	75. 8	71. 7	73. 8

## THE MANUFACTURING INDUSTRIES

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

No.	Industrial group	Estab- lish- ments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	\$	No.	No.	\$
1952								
1	Foods and beverages .....	3,003	9,904	4,777	46,151,444	41,195	14,801	135,170,047
2	Tobacco and tobacco products .....	19	243	58	1,272,565	729	777	2,834,838
3	Rubber products.....	39	2,943	1,114	14,560,119	8,981	2,365	34,523,791
4	Leather products .....	247	1,237	591	6,560,972	6,861	4,237	23,623,825
5	Textiles .....	377	2,749	1,415	15,707,176	14,073	9,814	55,105,770
6	Knitting mills <sup>1</sup> .....	137	795	734	5,909,073	3,354	7,156	20,488,212
7	Clothing <sup>1</sup> .....	849	2,540	1,588	14,091,253	7,900	14,386	44,497,498
8	Wood products .....	2,681	5,216	1,241	18,607,685	27,831	2,032	66,497,923
9	Paper products.....	263	4,138	1,865	28,459,922	22,438	4,073	83,062,748
10	Printing, publishing and allied industries	1,682	6,969	4,604	37,779,471	15,767	4,850	60,558,191
11	Iron and steel products.....	1,352	17,189	6,547	93,346,946	91,631	4,765	308,801,350
12	Transportation equipment.....	241	12,554	4,196	66,847,476	60,141	3,057	213,052,954
13	Non-ferrous metal products .....	307	3,437	1,436	19,681,350	19,772	2,217	69,240,646
14	Electrical apparatus and supplies .....	261	9,386	3,969	49,531,792	26,134	9,044	104,760,872
15	Non-metallic mineral products.....	488	2,108	930	11,193,145	11,871	847	38,261,727
16	Products of petroleum and coal.....	36	2,370	938	13,467,078	4,950	45	17,662,783
17	Chemicals and allied products .....	538	5,106	3,043	29,750,560	12,644	2,710	45,609,101
18	Miscellaneous industries .....	652	2,833	1,598	15,595,022	8,176	5,711	31,921,079
	<b>Totals, 1952.....</b>	<b>13,172</b>	<b>91,717</b>	<b>40,644</b>	<b>488,513,049</b>	<b>384,448</b>	<b>92,887</b>	<b>1,355,673,356</b>
1953								
19	Foods and beverages .....	2,920	9,903	4,752	49,739,089	40,933	15,102	142,903,467
20	Tobacco and tobacco products .....	16	226	50	1,284,947	742	908	2,967,391
21	Rubber products.....	39	3,135	1,190	15,461,129	9,502	2,440	37,828,577
22	Leather products .....	244	1,202	580	6,887,941	7,133	4,663	26,032,950
23	Textiles .....	383	2,766	1,424	16,106,795	13,831	9,938	56,680,932
24	Knitting mills <sup>1</sup> .....	133	792	744	6,069,538	3,511	7,678	22,501,143
25	Clothing <sup>1</sup> .....	836	2,514	1,607	14,427,878	7,658	14,929	47,515,514
26	Wood products .....	2,626	5,380	1,311	20,452,977	28,229	2,169	71,215,624
27	Paper products.....	267	4,121	1,934	29,063,472	22,818	4,329	89,098,950
28	Printing, publishing and allied industries	1,707	7,486	4,936	41,341,616	16,271	4,965	67,222,276
29	Iron and steel products.....	1,379	17,985	6,962	103,008,784	89,883	5,368	320,069,879
30	Transportation equipment.....	247	13,205	4,455	78,901,572	66,978	3,521	251,956,883
31	Non-ferrous metal products .....	297	3,625	1,463	20,774,672	20,259	2,254	73,655,631
32	Electrical apparatus and supplies .....	274	10,760	4,479	59,708,029	27,584	11,912	118,013,008
33	Non-metallic mineral products.....	502	2,462	1,078	13,971,036	13,064	974	44,250,578
34	Products of petroleum and coal.....	35	2,232	912	13,236,244	4,886	36	18,403,130
35	Chemicals and allied products .....	539	5,460	3,239	33,169,994	13,099	2,789	49,449,183
36	Miscellaneous industries .....	670	2,977	1,738	17,733,825	8,776	6,337	36,877,564
	<b>Totals, 1953.....</b>	<b>13,114</b>	<b>96,231</b>	<b>42,854</b>	<b>541,339,538</b>	<b>395,157</b>	<b>100,312</b>	<b>1,476,642,680</b>

1. Commencing with 1953 Knitting mills are classified separately from the 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.	\$	\$	\$	\$	\$	
70,677	181,321,491	19,932,633	912,694,477	474,898,564	1,407,525,674	1
1,807	4,107,403	211,845	72,222,438	9,640,631	82,074,914	2
15,403	49,083,910	2,615,035	98,486,975	132,633,175	233,735,185	3
12,926	30,184,797	1,252,746	55,656,859	45,321,316	102,230,921	4
28,051	70,812,946	5,092,136	174,167,242	129,388,344	308,647,722	5
12,039	26,397,285	979,017	43,603,835	40,690,082	85,272,934	6
26,414	58,588,751	728,982	100,318,503	90,286,990	191,334,475	7
36,320	85,105,608	3,776,063	154,331,327	143,919,298	302,026,688	8
32,514	111,522,670	21,338,877	253,155,865	258,425,166	532,919,908	9
32,190	98,337,662	1,979,655	86,434,212	172,064,456	260,478,323	10
120,132	402,148,296	36,423,096	653,605,604	753,139,807	1,443,168,507	11
79,948	279,900,430	9,376,029	751,620,906	520,288,270	1,281,285,205	12
26,862	88,921,996	20,162,035	310,605,712	249,564,745	580,332,492	13
48,533	154,292,664	4,616,510	232,082,332	288,585,822	525,284,664	14
15,756	49,454,872	14,483,487	59,911,633	107,535,729	181,930,849	15
8,303	31,129,861	12,942,070	161,661,705	71,979,782	246,583,557	16
23,503	75,359,662	16,071,755	212,188,860	237,757,625	466,018,240	17
18,318	47,516,101	1,653,676	54,682,918	84,986,774	141,323,368	18
<b>609,696</b>	<b>1,844,186,405</b>	<b>173,635,647</b>	<b>4,387,431,403</b>	<b>3,811,106,576</b>	<b>8,372,173,626</b>	
70,690	192,642,556	20,513,329	895,536,585	489,917,513	1,405,967,427	19
1,926	4,252,338	218,161	61,222,664	10,930,923	72,371,748	20
16,267	53,289,706	3,009,217	93,562,852	141,173,937	237,746,006	21
13,578	32,920,891	1,328,949	57,979,230	46,663,956	105,972,135	22
27,959	72,787,727	5,453,933	157,066,663	131,220,719	293,741,315	23
12,725	28,570,681	968,606	43,027,438	39,886,593	83,882,637	24
26,708	61,943,392	755,731	96,602,321	93,260,996	190,619,048	25
37,089	91,668,601	3,668,857	160,005,059	155,457,361	319,131,277	26
33,202	118,162,422	23,490,102	272,534,254	269,601,918	565,626,274	27
33,658	108,563,892	2,169,673	94,514,251	192,011,617	288,695,541	28
120,198	423,078,663	36,764,757	616,462,682	763,383,605	1,416,611,044	29
88,159	330,858,455	11,272,496	852,415,360	634,467,438	1,498,155,294	30
27,601	94,430,303	20,288,943	327,921,987	262,042,313	610,253,243	31
54,735	177,721,037	5,184,563	281,698,048	339,744,085	626,626,696	32
17,578	58,221,614	17,052,710	71,157,289	131,360,625	219,570,624	33
8,066	31,639,374	12,875,322	187,824,365	76,778,107	277,477,794	34
24,587	82,619,177	19,455,440	225,307,664	252,969,273	497,732,377	35
19,828	54,611,389	1,773,177	65,295,850	99,255,483	166,324,510	36
<b>634,554</b>	<b>2,017,982,218</b>	<b>186,243,966</b>	<b>4,560,134,562</b>	<b>4,130,126,462</b>	<b>8,876,504,990</b>	

TABLE 6. Principal Statistics of the Individual Industries, 1953

No.	Industries	Estab- lish- ments	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 .....	13	168	146	990,360	772	1,372	4,468,883
2	Bread and other bakery products.....	849	1,366	536	5,792,319	9,595	3,177	30,813,417
Beverages:								
3	Breweries .....	21	552	198	3,768,122	2,370	10	9,089,307
4	Carbonated beverages.....	172	726	270	3,169,903	1,859	109	4,853,303
5	Distilled liquors .....	9	233	137	1,470,148	1,104	523	4,887,293
6	Wines.....	17	105	50	767,387	261	39	853,744
Canning and processing:								
7	Fruit and vegetable preparations .....	199	1,095	683	5,944,782	3,995	3,638	15,211,499
Dairy products:								
8	Butter and cheese .....	499	1,175	615	4,749,845	5,510	390	16,362,574
9	Cheese, process .....	11	53	23	325,754	109	237	697,446
10	Concentrated milk products.....	14	119	53	592,843	649	59	1,888,217
11	Dairy products, other .....	13	41	23	198,179	116	52	398,101
Grain mill products:								
12	Feeds, stock and poultry, prepared ....	284	548	204	2,016,781	1,836	87	4,650,450
13	Feed mills .....	444	434	40	700,256	570	—	985,604
14	Flour mills .....	55	370	153	1,999,730	1,608	41	4,807,096
15	Foods, breakfast.....	7	133	82	857,842	656	335	2,860,634
Meat products:								
16	Animal oils and fats.....	9	32	7	154,002	168	—	463,799
17	Sausage and sausage casings .....	36	115	42	514,354	362	148	1,115,483
18	Slaughtering and meat packing .....	61	1,335	539	7,768,635	5,607	1,225	21,348,669
Other food industries:								
19	Confectionery.....	77	347	386	2,286,923	1,726	2,395	8,691,015
20	Macaroni and kindred products .....	4	13	6	79,968	64	30	208,391
21	Sugar refineries .....	2	943	559	5,590,956	1,996	1,235	8,248,542
22	Miscellaneous food preparations.....	124						
23	<b>Totals, foods and beverages .....</b>	<b>2,920</b>	<b>9,903</b>	<b>4,752</b>	<b>49,739,089</b>	<b>40,933</b>	<b>15,102</b>	<b>142,903,467</b>
<i>2. Tobacco and tobacco products:</i>								
24	Tobacco, cigars and cigarettes.....	8	66	35	373,471	165	253	1,106,506
25	Tobacco processing and packing .....	8	160	15	911,476	577	655	1,860,885
26	<b>Totals, tobacco and tobacco products.....</b>	<b>16</b>	<b>226</b>	<b>50</b>	<b>1,284,947</b>	<b>742</b>	<b>908</b>	<b>2,967,391</b>
<i>3. Rubber products:</i>								
27	Rubber goods, including footwear.....	39	3,135	1,190	15,461,129	9,502	2,440	37,828,577
28	<b>Totals, rubber products .....</b>	<b>39</b>	<b>3,135</b>	<b>1,190</b>	<b>15,461,129</b>	<b>9,502</b>	<b>2,440</b>	<b>37,828,577</b>
<i>4. Leather products:</i>								
29	Footwear, leather .....	92	546	286	3,222,952	3,261	3,243	13,263,400
30	Gloves and mittens, leather.....	23	41	30	251,195	210	299	844,320
31	Leather tanning .....	28	336	125	1,923,954	2,659	307	8,242,424
Other leather industries:								
32	Belting, leather .....	8	13	8	81,272	50	9	160,154
33	Boot and shoe findings, leather .....	8	19	11	86,129	90	31	294,266
34	Miscellaneous leather goods, n.e.s....	85	247	120	1,322,439	863	774	3,228,386
35	<b>Totals, leather products.....</b>	<b>244</b>	<b>1,202</b>	<b>580</b>	<b>6,887,941</b>	<b>7,133</b>	<b>4,663</b>	<b>26,032,950</b>
<i>5. Textiles:</i>								
Cotton goods:								
36	Cotton thread.....	3	19	11	125,349	35	71	237,555
37	Cotton yarn and cloth.....	29	542	294	2,954,396	4,099	2,746	14,887,458
38	Miscellaneous cotton goods.....	5	27	7	247,258	379	101	1,301,161
Woollen goods:								
39	Carpets, mats and rugs.....	13	137	79	753,202	732	404	2,862,678
40	Woollen cloth .....	32	327	148	1,810,903	2,166	1,473	8,367,190
41	Woollen yarn.....	24	161	141	1,068,967	916	1,434	5,254,915
42	Miscellaneous woollen goods .....	28	156	76	1,274,382	900	297	3,002,737

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.	\$	\$	\$	\$	\$	
2,458	5,459,243	473,576	12,723,948	16,907,213	30,104,737	1
14,674	36,605,736	3,958,313	52,639,369	59,924,269	116,521,951	2
3,130	12,857,429	940,716	20,592,422	62,061,665	83,594,803	3
2,964	8,023,206	951,565	12,826,668	25,616,701	39,394,934	4
1,997	6,357,441	874,169	22,885,713	38,028,459	61,788,341	5
455	1,621,131	122,691	3,848,615	4,389,909	8,361,215	6
9,411	21,156,281	1,728,238	75,253,530	55,551,894	132,533,662	7
7,690	21,112,419	2,856,159	100,382,817	37,084,189	140,323,165	8
422	1,023,200	52,412	7,525,065	2,253,436	9,830,913	9
880	2,481,060	764,589	25,160,166	8,987,942	34,912,697	10
232	596,280	99,893	1,601,666	1,598,138	3,299,697	11
2,675	6,667,231	1,230,034	50,868,148	13,854,308	75,952,490	12
1,044	1,685,860	410,277	13,739,834	3,063,149	17,213,260	13
2,172	6,806,826	682,121	101,470,921	17,346,294	119,499,336	14
1,206	3,718,476	361,962	8,780,019	13,063,511	22,205,492	15
207	617,801	143,560	1,034,236	903,343	2,031,139	16
667	1,629,837	150,109	5,634,073	3,543,369	9,327,551	17
8,706	29,117,304	1,939,272	263,894,240	61,492,919	327,326,431	18
4,854	10,977,938	627,920	29,584,044	24,925,076	55,138,040	19
113	288,359	25,749	964,881	472,994	1,463,624	20
4,733	13,839,498	2,120,004	74,126,210	38,847,735	115,093,949	21
70,690	192,642,556	20,513,329	895,536,585	489,917,513	1,405,967,427	22
519	1,479,977	30,951	3,967,088	4,461,342	8,459,381	23
1,407	2,772,361	187,210	57,255,576	6,469,581	63,912,367	24
1,926	4,252,338	218,161	61,222,664	10,930,923	72,371,748	25
16,267	53,289,706	3,009,217	93,562,852	141,173,937	237,746,006	26
16,267	53,289,706	3,009,217	93,562,852	141,173,937	237,746,006	27
7,336	16,486,352	234,436	22,486,703	23,753,353	46,474,492	28
580	1,095,515	16,430	1,419,269	1,372,800	2,808,499	29
3,427	10,166,378	957,204	26,619,848	14,127,262	41,704,314	30
80	241,426	8,493	532,853	361,288	902,634	31
151	380,395	37,658	1,305,736	405,848	1,749,242	32
2,004	4,550,825	74,728	5,614,821	6,643,405	12,332,954	33
13,578	32,920,891	1,328,949	57,979,230	46,663,956	103,972,135	34
136	362,904	28,074	762,797	917,443	1,708,314	35
7,681	17,841,854	1,203,341	37,271,523	25,321,992	63,796,856	36
514	1,548,419	81,439	4,712,961	2,977,115	7,771,515	37
1,352	3,615,880	238,311	6,393,549	5,703,191	12,335,051	38
4,114	10,178,093	795,608	16,609,273	13,439,999	30,844,880	39
2,652	6,323,882	377,395	16,883,678	9,102,061	26,363,134	40
1,429	4,277,119	297,144	13,703,388	7,511,506	21,512,038	41
						42

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

No.	Industries	Estab- lish- ments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
		No.	No.	No.	\$	No.	No.	\$
<b>5. Textiles - concluded:</b>								
1	Synthetic textiles and silk.....	10	600	243	3,228,998	2,110	742	8,810,659
Other primary textiles:								
2	Dyeing and finishing of textiles.....	16	44	29	289,461	310	91	1,050,441
3	Narrow fabrics.....	21	52	28	336,253	214	375	1,206,777
Other textile industries:								
4	Automobile accessories, fabric.....	10	104	45	580,890	310	482	2,014,299
5	Awnings, tents and sails.....	57	115	48	457,909	303	309	1,193,304
6	Bags, cotton and jute.....	10	30	14	164,694	68	158	423,852
7	Cordage, rope and twine.....	7	97	59	653,816	528	265	2,241,323
8	Embroideries, pleating, hemstitching, etc.....	41	65	29	339,537	143	218	644,091
9	Oilcloth, linoleum and other coated fabric.....	3	114	38	675,665	229	63	938,570
10	Miscellaneous textiles, n.e.s.....	74	176	135	1,145,115	389	709	2,243,922
11	<b>Totals, textiles n.e.s.....</b>	<b>383</b>	<b>2,766</b>	<b>1,424</b>	<b>16,106,795</b>	<b>13,831</b>	<b>9,938</b>	<b>56,680,932</b>
<b>6(a) Knitting mills<sup>1</sup>:</b>								
12	Hosiery.....	50	305	317	2,594,229	1,806	2,645	10,094,026
13	Knitted goods.....	83	487	427	3,475,309	1,705	5,033	12,407,117
14	<b>Totals, knitting mills.....</b>	<b>133</b>	<b>792</b>	<b>744</b>	<b>6,069,538</b>	<b>3,511</b>	<b>7,678</b>	<b>22,501,143</b>
<b>6(b) Clothing<sup>1</sup>:</b>								
Men's, women's and children's clothing:								
15	Clothing, children's, factory.....	45	99	84	590,815	192	1,000	2,031,500
16	Clothing, men's, factory.....	160	983	703	5,772,275	3,259	6,428	20,248,090
17	Clothing, women's, factory.....	263	651	411	4,034,868	1,973	4,328	13,492,690
18	Clothing contractors, men's.....	20	36	6	114,333	77	110	390,354
19	Clothing contractors, women's.....	13	20	4	67,360	22	164	255,273
Miscellaneous clothing:								
20	Corsets.....	19	62	155	684,605	120	1,070	2,226,617
21	Fur dressing and dyeing.....	4	27	5	80,626	175	59	526,758
22	Fur goods.....	211	389	99	1,696,632	877	462	3,705,419
23	Gloves and mittens, fabric.....	3	6	5	45,313	15	91	121,697
24	Hats and caps.....	70	184	103	1,015,303	771	859	3,531,811
25	Oiled and waterproofed clothing.....	5	12	7	67,204	51	73	285,305
26	Clothing, n.e.s.....	23	45	25	258,544	126	285	700,000
27	<b>Totals, clothing.....</b>	<b>836</b>	<b>2,514</b>	<b>1,607</b>	<b>14,427,878</b>	<b>7,638</b>	<b>14,929</b>	<b>47,515,514</b>
<b>7. Wood products:</b>								
28	Furniture.....	673	1,783	672	9,056,216	11,416	1,085	30,551,757
Saw and planing mills:								
29	Flooring, hardwood.....	10	87	27	545,723	583	13	1,449,226
30	Sash, door and planing mills.....	459	1,018	244	4,045,691	4,506	58	10,350,078
31	Sawmills.....	1,207	1,777	102	3,321,037	6,717	68	15,171,570
32	Veneers and plywoods.....	13	90	35	592,697	1,021	215	3,102,735
Other wood industries:								
33	Beekeepers' and poultrymen's supplies	5	4	1	9,428	6	-	13,296
34	Boxes and baskets, wood.....	69	178	41	756,833	1,435	297	3,580,937
35	Cooperage.....	12	41	10	191,746	332	-	887,395
36	Excelsior.....	6	8	3	29,271	56	13	100,130
37	Lasts, trees and shoe findings.....	5	14	3	67,116	82	45	309,830
38	Morticians' goods.....	20	60	39	331,883	434	64	1,137,510
39	Woodenware.....	10	17	10	63,629	104	33	268,136
40	Wood turning.....	25	54	24	286,494	375	49	913,447
41	Miscellaneous wood products, n.e.s.....	112	249	100	1,155,213	1,162	229	3,379,577
42	<b>Totals, wood products.....</b>	<b>2,626</b>	<b>5,380</b>	<b>1,311</b>	<b>20,452,977</b>	<b>28,229</b>	<b>2,169</b>	<b>71,215,624</b>

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.	\$	\$	\$	\$	\$	
3,695	12,039,657	1,711,243	24,644,729	31,514,006	57,869,978	1
474	1,339,902	133,275	408,384	2,317,729	2,859,388	2
669	1,543,030	51,360	2,549,358	3,097,872	5,698,590	3
941	2,595,189	63,014	5,398,682	4,560,685	10,022,381	4
775	1,651,213	53,579	3,884,130	2,788,762	6,726,471	5
270	588,546	17,042	3,888,871	882,202	4,788,115	6
949	2,895,139	144,987	5,682,971	8,922,783	14,750,741	7
455	983,628	22,614	865,573	1,847,795	2,735,982	8
444	1,614,235	113,477	4,355,568	3,944,484	8,413,529	9
1,409	3,389,037	122,030	9,051,228	6,371,094	15,544,352	10
<b>27,959</b>	<b>72,787,727</b>	<b>5,453,933</b>	<b>157,066,663</b>	<b>131,220,719</b>	<b>293,741,315</b>	<b>11</b>
5,073	12,688,255	382,211	12,290,142	17,554,482	30,226,835	12
7,652	15,882,426	586,395	30,737,296	22,332,111	53,655,802	13
<b>12,725</b>	<b>28,570,681</b>	<b>968,606</b>	<b>43,027,438</b>	<b>39,886,593</b>	<b>83,882,637</b>	<b>14</b>
1,373	2,622,315	31,863	4,043,407	4,265,027	8,340,297	15
11,373	26,020,365	275,851	42,551,611	39,416,642	82,244,104	16
7,363	17,527,558	167,780	25,751,477	24,913,566	50,832,823	17
229	504,687	7,454	108,224	729,148	844,826	18
210	322,633	5,095	64,252	908,580	977,927	19
1,407	2,911,222	26,518	3,223,658	4,351,089	7,601,265	20
266	607,384	19,127	176,878	819,781	1,015,786	21
1,827	5,402,051	90,545	12,803,565	8,054,613	20,948,723	22
117	167,010	4,312	451,058	251,598	706,968	23
1,917	4,547,114	111,241	5,002,774	7,427,991	12,542,006	24
143	352,509	5,017	608,459	480,087	1,093,563	25
481	958,544	10,928	1,816,958	1,642,874	3,470,760	26
<b>26,708</b>	<b>61,943,392</b>	<b>755,731</b>	<b>96,602,321</b>	<b>93,260,996</b>	<b>190,619,048</b>	<b>27</b>
14,956	39,607,973	1,221,068	52,687,103	62,836,918	116,745,089	28
710	1,994,949	65,012	3,729,799	3,156,818	6,951,629	29
5,826	14,395,769	775,676	28,873,638	22,206,761	51,856,075	30
8,664	18,492,607	852,626	41,590,943	37,129,639	79,573,208	31
1,361	3,695,432	130,828	6,380,436	7,024,620	13,535,884	32
11	22,724	2,254	30,722	41,793	74,769	33
1,951	4,337,770	153,707	6,624,471	8,044,394	14,822,572	34
383	1,079,141	61,075	2,344,837	1,961,601	4,367,513	35
80	129,401	15,007	151,788	181,002	347,797	36
144	376,946	10,518	255,712	525,516	791,746	37
597	1,469,393	51,182	1,525,238	2,386,575	3,962,995	38
164	331,765	14,698	468,097	451,860	934,655	39
502	1,199,941	43,804	1,020,273	1,746,104	2,810,181	40
1,740	4,534,790	271,402	14,322,002	7,763,760	22,357,164	41
<b>37,089</b>	<b>91,668,601</b>	<b>3,668,857</b>	<b>160,005,059</b>	<b>155,457,361</b>	<b>319,131,277</b>	<b>42</b>

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

No.	Industries	Estab- lish- ments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
			No.	No.	\$	No.	No.	\$
	<b>8. Paper products:</b>							
1	Boxes and bags, paper .....	104	877	490	6,055,887	3,913	2,339	16,276,120
2	Pulp and paper .....	43	2,277	807	17,016,839	15,257	290	57,954,169
3	Roofing paper .....	6	118	48	498,829	423	22	1,353,985
4	Miscellaneous paper goods .....	114	849	589	5,491,917	3,225	1,675	13,514,676
5	<b>Totals, paper products .....</b>	<b>267</b>	<b>4,121</b>	<b>1,934</b>	<b>29,063,472</b>	<b>22,818</b>	<b>4,329</b>	<b>89,098,950</b>
	<b>9. Printing, publishing and allied industries:</b>							
	<b>Commercial printing:</b>							
6	Printing and bookbinding .....	734	2,098	1,135	11,710,788	6,467	3,013	25,890,655
7	Trade composition .....	29	71	24	478,379	374	6	1,422,597
	<b>Engraving, stereotyping and allied industries:</b>							
8	Engraving, stereotyping and electro- typing .....	69	391	227	2,939,701	1,877	409	8,667,152
9	Lithographing .....	47	341	277	2,525,004	1,577	720	7,012,237
	<b>Printing and publishing:</b>							
10	Printing and publishing .....	301	3,757	2,425	20,809,623	5,976	817	24,229,635
11	Publishing (only) of periodicals .....	527	828	848	2,878,121	—	—	—
12	<b>Totals, printing, publishing and allied industries .....</b>	<b>1,707</b>	<b>7,486</b>	<b>4,936</b>	<b>41,341,616</b>	<b>16,271</b>	<b>4,965</b>	<b>67,222,276</b>
	<b>10. Iron and steel products:</b>							
13	Agricultural implements .....	32	2,278	598	11,722,832	9,785	117	34,781,766
14	Boilers, tanks and platemwork .....	43	1,342	445	7,559,787	4,209	176	15,440,698
15	Bridge building and structural steel .....	22	851	204	4,769,768	3,407	27	12,297,467
16	Castings, iron .....	94	1,062	394	6,254,143	8,626	175	30,158,515
17	Hardware, tools and cutlery .....	247	1,393	724	8,408,108	7,231	1,168	25,845,760
18	Heating and cooking apparatus .....	58	951	452	5,446,218	4,442	221	13,820,432
19	Machinery, household, office and store .....	44	976	530	5,616,663	4,046	515	14,380,706
20	Machinery, industrial .....	183	2,602	1,085	14,298,410	8,317	355	28,300,400
21	Machine shops .....	232	433	108	1,923,782	1,751	42	5,015,248
22	Machine tools .....	13	308	117	1,868,621	1,515	16	5,373,434
23	Primary iron and steel .....	26	2,287	911	15,207,276	20,980	205	78,693,532
24	Sheet metal products .....	170	1,840	696	10,463,518	7,260	1,029	25,103,275
25	Wire and wire goods .....	69	772	355	4,737,054	3,859	452	13,922,362
26	Miscellaneous iron and steel products .....	146	890	343	4,732,604	4,455	870	16,936,284
27	<b>Totals, iron and steel products .....</b>	<b>1,379</b>	<b>17,985</b>	<b>6,962</b>	<b>103,008,784</b>	<b>89,883</b>	<b>5,368</b>	<b>320,069,879</b>
	<b>11. Transportation equipment:</b>							
28	Aircraft and parts .....	17	4,825	1,594	27,422,199	13,705	307	52,862,010
29	Bicycles and parts .....	4	159	83	735,226	922	98	3,216,357
30	Boat building .....	65	104	32	360,706	548	8	1,462,222
31	Carriages, wagons and sleighs .....	15	58	31	329,103	426	148	1,319,211
32	Motor vehicles .....	13	4,434	1,383	28,116,903	25,666	460	99,658,787
33	Motor vehicle parts .....	105	2,594	1,064	16,047,188	16,050	2,469	61,519,118
34	Railway rolling stock .....	15	742	183	4,463,439	6,265	5	20,902,105
35	Shipbuilding .....	13	289	85	1,426,808	3,396	26	11,017,073
36	<b>Totals, transportation equipment .....</b>	<b>247</b>	<b>13,205</b>	<b>4,455</b>	<b>78,901,572</b>	<b>66,978</b>	<b>3,521</b>	<b>251,956,883</b>
	<b>12. Non-ferrous metal products:</b>							
37	Aluminum products .....	58	776	419	4,435,979	3,848	267	12,745,158
38	Brass and copper products .....	87	742	354	4,536,686	3,774	380	13,779,384
39	Jewellery and silverware .....	104	411	330	2,582,093	1,829	977	7,406,509
40	Non-ferrous metal smelting and refining .....	7	1,208	170	6,517,141	8,630	4	32,009,880
41	White metal alloys .....	33	410	149	2,192,108	1,932	549	6,979,038
42	Miscellaneous non-ferrous metal products .....	8	78	41	510,665	246	77	735,662
43	<b>Totals, non-ferrous metal products .....</b>	<b>297</b>	<b>3,625</b>	<b>1,463</b>	<b>20,774,672</b>	<b>20,259</b>	<b>2,254</b>	<b>73,655,631</b>
	<b>13. Electrical apparatus and supplies:</b>							
44	Batteries .....	10	317	174	1,982,653	842	322	3,767,586
45	Radio and television sets and parts .....	68	2,506	1,075	13,469,778	3,524	4,800	19,683,334
46	Refrigerators, vacuum cleaners and ap- pliances .....	63	1,161	578	6,861,850	4,321	1,203	16,031,441
47	Machinery, heavy electrical .....	37	4,987	1,789	26,748,269	13,525	3,422	56,057,004
48	Miscellaneous electrical apparatus and supplies .....	96	1,789	863	10,645,479	5,372	2,165	22,473,643
49	<b>Totals, electrical apparatus and supplies .....</b>	<b>274</b>	<b>10,760</b>	<b>4,479</b>	<b>59,708,029</b>	<b>27,584</b>	<b>11,912</b>	<b>118,013,008</b>

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.	\$	\$	\$	\$	\$	No.
7, 619	22, 332, 007	676, 024	62, 115, 661	42, 961, 461	105, 753, 146	1
18, 631	74, 971, 008	21, 680, 779	153, 553, 660	177, 179, 862	352, 414, 301	2
614	1, 852, 814	186, 211	6, 045, 252	6, 814, 298	13, 045, 761	3
6, 338	19, 006, 593	947, 088	50, 819, 681	42, 646, 297	94, 413, 066	4
<b>33, 202</b>	<b>118, 162, 422</b>	<b>23, 490, 102</b>	<b>272, 534, 254</b>	<b>269, 601, 918</b>	<b>565, 626, 274</b>	<b>5</b>
12, 713	37, 601, 443	755, 402	37, 753, 374	64, 928, 660	103, 437, 436	6
475	1, 900, 976	24, 036	177, 814	2, 572, 986	2, 774, 836	7
2, 904	11, 606, 853	195, 341	4, 493, 464	17, 799, 233	22, 488, 038	8
2, 915	9, 537, 241	148, 591	11, 742, 304	16, 877, 014	28, 767, 909	9
12, 975	45, 039, 258	1, 046, 303	32, 655, 949	83, 990, 722	117, 692, 974	10
1, 676	2, 878, 121	-	7, 691, 346	5, 843, 002	13, 534, 348	11
<b>33, 658</b>	<b>108, 563, 892</b>	<b>2, 169, 673</b>	<b>94, 514, 251</b>	<b>192, 011, 617</b>	<b>288, 695, 541</b>	<b>12</b>
12, 778	46, 504, 598	1, 629, 246	84, 329, 988	70, 846, 260	156, 805, 494	13
6, 172	23, 000, 485	765, 955	27, 553, 465	43, 331, 055	71, 650, 475	14
4, 489	17, 067, 235	563, 198	22, 529, 468	34, 551, 684	57, 644, 350	15
10, 257	36, 412, 658	2, 399, 619	50, 251, 636	59, 478, 287	112, 129, 542	16
10, 516	34, 253, 868	1, 313, 807	28, 764, 497	62, 725, 742	92, 804, 046	17
6, 066	19, 266, 650	890, 566	31, 826, 149	36, 352, 852	69, 069, 567	18
6, 067	19, 997, 369	519, 602	32, 730, 354	41, 836, 395	75, 086, 351	19
12, 359	42, 598, 810	1, 278, 144	47, 120, 218	81, 613, 231	130, 011, 593	20
2, 334	6, 939, 030	275, 333	4, 333, 606	11, 013, 775	15, 622, 714	21
1, 956	7, 242, 055	175, 772	5, 433, 835	11, 802, 410	17, 412, 017	22
24, 383	93, 900, 808	22, 528, 785	162, 583, 778	167, 295, 716	352, 408, 279	23
10, 825	35, 566, 793	1, 639, 495	71, 446, 091	64, 072, 531	137, 158, 117	24
5, 438	18, 659, 416	925, 266	24, 279, 709	41, 501, 802	66, 706, 777	25
6, 558	21, 668, 888	1, 859, 969	23, 279, 888	36, 961, 865	62, 101, 722	26
<b>120, 198</b>	<b>423, 078, 663</b>	<b>36, 764, 757</b>	<b>616, 462, 682</b>	<b>763, 383, 605</b>	<b>1, 416, 611, 044</b>	<b>27</b>
20, 431	80, 284, 209	1, 414, 050	72, 332, 752	159, 922, 729	233, 669, 531	28
1, 262	3, 951, 583	151, 297	3, 124, 130	7, 308, 734	10, 584, 161	29
692	1, 822, 928	53, 242	1, 640, 621	2, 588, 354	4, 282, 217	30
663	1, 648, 314	70, 204	2, 193, 380	2, 682, 154	4, 945, 738	31
31, 943	127, 775, 690	4, 128, 837	551, 267, 610	269, 184, 242	824, 580, 689	32
22, 177	77, 566, 306	3, 948, 787	158, 541, 735	135, 275, 467	297, 765, 989	33
7, 195	25, 365, 544	1, 153, 790	51, 182, 024	39, 350, 894	91, 686, 708	34
3, 796	12, 443, 881	352, 289	12, 133, 108	18, 154, 864	30, 640, 261	35
<b>88, 159</b>	<b>330, 858, 455</b>	<b>11, 272, 496</b>	<b>852, 415, 360</b>	<b>634, 467, 438</b>	<b>1, 498, 155, 294</b>	<b>36</b>
5, 310	17, 181, 137	1, 355, 300	25, 630, 195	30, 973, 262	57, 958, 757	37
5, 250	18, 316, 070	1, 066, 685	59, 219, 219	34, 139, 590	94, 425, 494	38
3, 547	9, 988, 602	319, 966	21, 375, 123	16, 155, 300	37, 850, 389	39
10, 012	38, 527, 021	16, 840, 770	197, 566, 885	162, 093, 574	376, 501, 229	40
3, 040	9, 171, 146	631, 961	21, 682, 524	16, 375, 816	38, 690, 301	41
442	1, 246, 327	74, 261	2, 448, 041	2, 304, 771	4, 827, 073	42
<b>27, 601</b>	<b>94, 430, 303</b>	<b>20, 288, 943</b>	<b>327, 921, 987</b>	<b>262, 042, 313</b>	<b>610, 253, 243</b>	<b>43</b>
1, 655	5, 750, 239	342, 951	15, 828, 663	12, 588, 870	28, 760, 484	44
11, 905	33, 153, 112	494, 177	81, 193, 239	63, 171, 780	144, 859, 196	45
7, 263	22, 893, 291	970, 095	42, 597, 168	45, 347, 020	88, 914, 283	46
23, 723	82, 805, 273	1, 848, 231	81, 189, 337	146, 566, 947	229, 604, 515	47
10, 189	33, 119, 122	1, 529, 109	60, 889, 641	72, 069, 468	134, 488, 218	48
<b>54, 735</b>	<b>177, 721, 037</b>	<b>5, 184, 563</b>	<b>281, 698, 048</b>	<b>339, 744, 085</b>	<b>626, 626, 696</b>	<b>49</b>

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

No.	Industries	Estab- lish- ments	Supervisory and office employees			Production workers		
			Male	Female	Earnings	Male	Female	Earnings
			No.	No.	\$	No.	No.	\$
	<b>14. Non-metallic mineral products:</b>							
1	Abrasives, artificial.....	13	311	184	1,976,853	1,779	77	6,610,617
2	Asbestos products.....	8	88	35	488,625	394	23	1,401,146
3	Cement, hydraulic.....	3	38	4	191,904	629	2	2,324,946
4	Clay products from domestic clay.....	68	126	52	806,767	1,587	34	4,744,894
5	Clay products from imported clay.....	19	144	58	904,011	715	244	2,696,279
6	Concrete products.....	210	548	122	2,604,245	2,466	32	7,186,767
7	Glass and glass products.....	61	524	366	3,260,916	2,985	502	11,602,913
8	Lime.....	13	36	6	159,948	399	—	1,235,859
9	Salt.....	7	94	26	441,703	218	22	792,672
10	Sand-lime brick.....	3	9	—	42,630	127	—	390,631
11	Stone products.....	67	260	96	1,323,741	1,119	7	3,620,625
	Other miscellaneous non-metallic mine- ral industries:							
12	Gypsum products.....	2	284	129	1,769,693	646	31	1,643,229
13	Misc. non-metallic mineral products..	28						
14	<b>Totals, non-metallic mineral products</b>	<b>502</b>	<b>2,462</b>	<b>1,078</b>	<b>13,971,036</b>	<b>13,064</b>	<b>974</b>	<b>44,250,578</b>
	<b>15. Products of petroleum and coal:</b>							
15	Coke and gas products.....	16	537	241	2,847,237	2,040	—	7,220,386
16	Petroleum products.....	12	1,644	642	10,058,366	2,751	34	10,875,114
17	Miscellaneous products of petroleum and and coal.....	7	51	29	330,641	95	2	307,630
18	<b>Totals, products of petroleum and coal.....</b>	<b>35</b>	<b>2,232</b>	<b>912</b>	<b>13,236,244</b>	<b>4,886</b>	<b>36</b>	<b>18,403,130</b>
	<b>16. Chemicals and allied products:</b>							
19	Acids, alkalies and salts.....	20	1,049	316	5,993,230	3,114	23	11,184,362
20	Fertilizers.....	18	211	70	1,007,470	685	4	2,185,788
21	Medicinal and pharmaceutical preparations	92	596	716	4,787,389	1,081	1,264	5,682,102
22	Paints, varnishes and lacquers.....	64	649	375	3,643,825	1,652	110	5,485,467
23	Primary plastics.....	9	122	43	651,726	379	13	1,302,555
24	Soaps, washing compounds and cleaning preparations.....	66	888	518	5,186,132	1,422	337	6,249,731
25	Toilet preparations.....	55	170	249	1,398,675	280	574	1,529,701
26	Vegetable oils.....	5	67	18	393,313	252	—	859,236
	Other chemical industries:							
27	Adhesives.....	15	89	49	561,357	321	34	1,032,374
28	Coal tar distillation.....	5	67	18	365,765	268	2	922,177
29	Gases, compressed.....	14	134	115	849,912	272	—	904,663
30	Inks.....	18	155	81	984,231	477	32	1,528,501
31	Polishes and dressings.....	30	118	150	954,948	163	142	755,078
32	Miscellaneous chemical products, n.e.s..	128	1,145	521	6,392,021	2,733	254	9,827,448
33	<b>Totals, chemicals and allied products</b>	<b>539</b>	<b>5,460</b>	<b>3,239</b>	<b>33,169,994</b>	<b>13,099</b>	<b>2,789</b>	<b>49,449,183</b>
	<b>17. Miscellaneous industries:</b>							
34	Brooms, brushes and mops.....	38	167	142	942,461	571	302	1,849,255
35	Clocks, watches and watch cases.....	13	105	96	813,573	342	466	2,175,762
36	Fountain pens and pencils.....	10	118	105	863,030	185	377	1,211,145
37	Musical instruments.....	16	75	62	360,570	424	101	1,354,562
38	Plastics products.....	84	310	167	1,945,898	1,123	1,179	5,062,900
39	Scientific and professional equipment....	70	952	527	5,903,023	2,017	1,037	9,368,568
40	Sporting goods.....	44	188	100	1,066,527	486	491	2,076,843
41	Toys and games.....	39	96	38	616,061	322	687	1,825,362
42	Typewriter supplies.....	7	76	35	454,066	174	90	624,922
	Other miscellaneous industries:							
43	Artificial flowers and feathers.....	16	19	11	79,383	44	66	178,372
44	Buttons, buckles and fasteners.....	13	127	107	858,744	359	401	2,029,225
45	Hair goods.....	6	9	7	66,018	50	11	154,892
46	Ice, artificial.....	45	116	32	444,520	423	—	1,176,338
47	Lamps, electric and lamp shades.....	24	55	52	322,794	264	275	1,024,957
48	Models and patterns, excluding paper	41	56	7	234,787	169	2	615,803
49	Pipes, lighters and smokers' supplies	6	25	24	159,934	59	66	315,969
50	Signs, electric, Neon and other.....	89	199	70	991,460	833	112	2,334,370
51	Stamps and stencils, rubber and metal	30	82	50	520,781	397	178	1,406,852
52	Statuary, art goods and novelties.....	50	68	28	334,195	161	165	638,390
53	Umbrellas.....	3	23	5	78,138	12	55	96,927
54	Candles.....	1	111	73	677,862	361	276	1,356,150
55	Miscellaneous industries, n.e.s.....	25						
56	<b>Totals, miscellaneous industries....</b>	<b>670</b>	<b>2,977</b>	<b>1,738</b>	<b>17,733,825</b>	<b>8,776</b>	<b>6,337</b>	<b>36,877,564</b>
57	<b>Grand totals, all industries.....</b>	<b>13,114</b>	<b>96,231</b>	<b>42,854</b>	<b>541,339,538</b>	<b>395,157</b>	<b>100,312</b>	<b>1,476,642,680</b>

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.	\$	\$	\$	\$	\$	
2,351	8,587,470	2,849,037	14,384,058	22,238,993	39,472,088	1
540	1,889,771	141,394	3,335,836	5,275,600	8,752,830	2
673	2,516,850	3,649,435	2,325,194	13,168,267	19,142,896	3
1,799	5,551,661	2,459,452	257,997	12,111,773	14,829,222	4
1,161	3,600,290	474,059	2,462,744	5,892,385	8,829,188	5
3,168	9,791,012	1,156,174	17,449,466	22,007,235	40,612,875	6
4,377	14,863,829	2,276,404	17,446,190	22,591,381	42,313,975	7
441	1,395,807	1,893,968	477,778	5,698,421	8,070,167	8
360	1,234,375	662,141	949,482	3,020,739	4,632,362	9
136	433,261	59,884	377,482	870,351	1,307,717	10
1,482	4,944,366	766,082	5,722,979	10,806,676	17,295,737	11
1,090	3,412,922	664,680	5,968,083	7,678,804	14,311,567	12
17,578	58,221,614	17,052,710	71,157,289	131,360,625	219,570,624	13
2,818	10,067,623	3,115,609	45,985,426	31,220,581	80,321,616	14
5,071	20,933,480	9,690,394	140,282,154	43,622,002	193,594,550	15
177	638,271	69,319	1,556,785	1,935,524	3,561,628	16
8,066	31,639,374	12,875,322	187,824,365	76,778,107	277,477,794	17
4,502	17,177,592	8,523,098	22,651,512	43,717,546	74,892,156	18
970	3,193,258	886,147	16,410,611	9,106,035	26,402,793	19
3,657	10,469,491	294,223	14,570,804	32,307,552	47,172,579	20
2,786	9,129,292	432,750	30,648,910	30,900,993	61,982,653	21
557	1,954,281	245,145	10,888,512	5,329,399	16,463,056	22
3,165	11,435,863	1,079,392	34,995,599	44,869,073	80,944,064	23
1,273	2,928,376	73,166	7,097,134	11,687,737	18,858,037	24
337	1,252,549	327,224	31,774,506	3,967,199	36,068,929	25
493	1,593,731	345,875	3,660,551	3,443,193	7,449,619	26
355	1,287,942	492,079	4,527,661	4,099,991	9,119,731	27
521	1,754,575	209,882	830,620	4,700,284	5,740,786	28
745	2,512,732	90,463	4,502,597	6,544,865	11,137,925	29
573	1,710,026	56,991	5,129,116	7,380,785	12,566,892	30
4,653	16,219,469	6,399,005	37,619,531	44,914,621	88,933,157	31
24,587	82,619,177	19,455,440	225,307,664	252,969,273	497,732,377	32
1,182	2,791,716	61,838	4,220,746	5,266,359	9,548,943	33
1,009	2,989,335	32,451	5,538,316	4,573,110	10,143,877	34
785	2,074,175	47,937	2,574,871	4,034,295	6,657,103	35
662	1,715,132	74,740	2,048,877	3,008,333	5,131,950	36
2,779	7,008,798	257,186	10,542,859	13,939,902	24,739,947	37
4,533	15,271,591	335,108	15,833,008	29,336,480	45,504,596	38
1,265	3,143,370	89,697	3,594,932	6,325,990	10,010,619	39
1,143	2,441,423	78,223	4,433,370	4,002,989	8,514,582	40
375	1,078,988	26,736	2,091,098	2,209,398	4,327,232	41
140	257,755	6,342	158,258	440,251	604,851	42
994	2,887,969	65,965	2,242,269	4,153,515	6,461,749	43
77	220,910	6,174	781,678	416,977	1,204,829	44
571	1,620,858	331,720	84,778	2,801,882	3,218,380	45
646	1,347,751	49,042	2,272,695	2,353,123	4,674,860	46
234	850,590	18,293	187,295	1,123,229	1,328,817	47
174	475,903	16,876	807,210	1,081,674	1,905,760	48
1,214	3,325,830	143,715	3,175,875	5,375,478	8,695,068	49
707	1,927,633	49,167	1,024,251	2,796,776	3,870,194	50
422	972,585	28,336	904,196	1,568,585	2,501,117	51
95	175,065	1,025	322,778	256,261	580,064	52
821	2,034,012	52,606	2,456,490	4,190,876	6,699,972	53
19,828	54,611,389	1,773,177	65,295,850	99,255,483	166,324,510	54
634,554	2,017,982,218	186,243,966	4,560,134,562	4,130,126,462	8,876,504,990	55





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